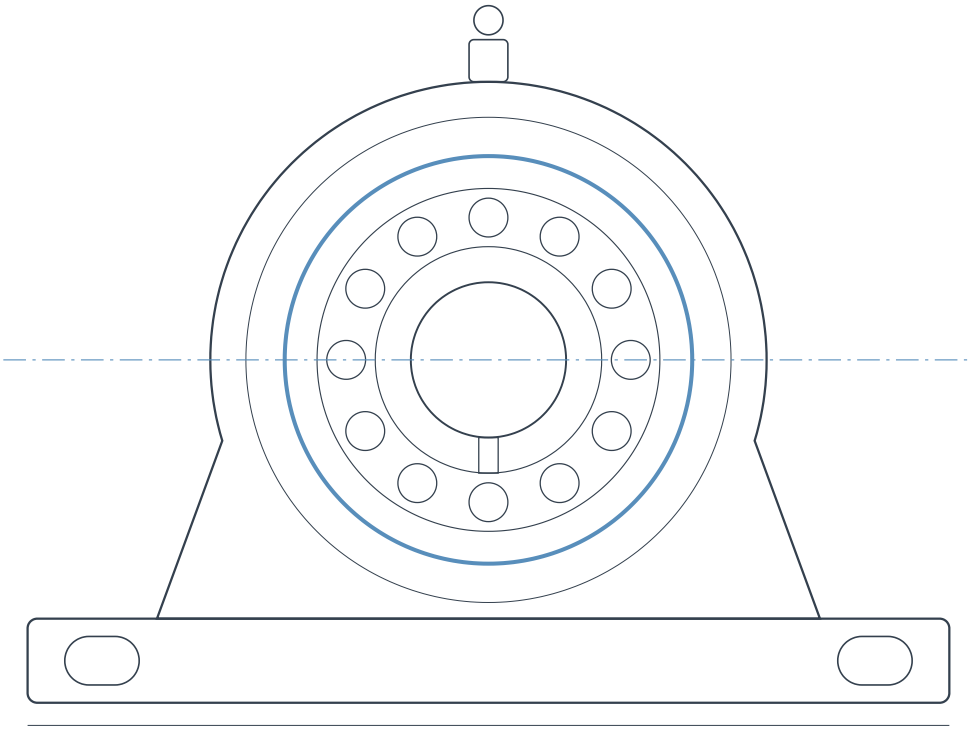


NTN

Bearing Units Catalog

کاتالوگ یاتاقان NTN

استعلام قیمت و خرید یاتاقان NTN ←

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BEARING UNITS

HIGHLIGHTS:

- ULTRA-CLASS™ & STANDARD SERIES
- CORROSION-RESISTANT SERIES
- HEAVY DUTY MOUNTED UNITS
- AGRICULTURE UNITS
- ACCESSORIES & TOOLING



Partner with a productivity powerhouse

In all types of demanding environments, NTN Bearings perform reliably to save you time and money

When you rely on precision down to the nanometers, count on an industry leader to keep your machinery and production lines performing optimally.

GLOBAL PRESENCE, LOCAL PARTNER

Founded in 1918, NTN Corporation operates more than seventy plants worldwide and is the third largest bearing manufacturer in the world. We operate eleven plants in North America, and over 80% of the products sold in the United States are produced here. Our expansive distribution network ensures that the products you need are available when you need them.

EXPANSIVE PRODUCT LINE

NTN manufactures one of the broadest lines of ball and roller grade bearings available from a single source supplier. Solutions range from precision bearings to mounted units and accessories, and are designed specifically to support your industrial design challenges. NTN also provides top-quality solutions for the automotive industry. We offer tensioners, constant velocity joints, automotive wheel end bearings and hub assemblies.

SUPPORT FOR A WIDE RANGE OF INDUSTRIES

Our comprehensive product lines are engineered to serve every industry where lower friction coefficients and higher energy efficiency are needed, including:

- Agriculture
- Food processing
- Cosmetic/pharmaceuticals
- Refinery/petrochemical
- Material handling
- Industrial machinery
- Automotive
- Machine Tools
- And more








CONTACT NTN TODAY for bearing solutions that can help improve productivity.

Call: 800.323.2358 or view our full portfolio online: www.ntnamericas.com

TABLE OF CONTENTS

PRODUCTS BY INDUSTRY

Food Processing 2-3
Cosmetic/Pharmaceutical 4-5
Agriculture 6-7
Material Handling 8-9
Refinery/Petrochemical 10-11

NEW INNOVATIONS

Ultra-Class™ Series 12-13
Heavy Duty Sealed Units 14-15
Corrosion-Resistant Series 16
Food Grade Solid Lube Bearings 17
Single Point Automatic Lubricators 18

TECHNICAL SPECIFICATIONS AND PRODUCT ORDERING

ULTRA-CLASS™ SERIES 19-48
- Nomenclature 19
- Pillow Blocks 20-30
- Two-bolt Flanged 31-35
- Four-bolt Flanged 36-41
- Bearing Inserts 42-47

STANDARD SERIES 49-198
- Nomenclature 50
- 2 Bolt Pillow Block 52-75
- 2 Bolt Flanged 76-99
- 4 Bolt Flanged 100-116
- Other Flanged 118-135
- Take-up Units 136-159
- Stretcher Units 160-164
- Cartridge Units 165-174
- Bearing Inserts 175-198

CORROSION-RESISTANT SERIES 199-222
- Nomenclature 199
- Thermoplastic 200-207
- Stainless Steel 208-219
- Bearing Inserts 220-222

HEAVY DUTY MOUNTED UNITS 223-246
- Nomenclature 223
- Pillow Block 224-227
- Flange Block 228-229
- Split Block 230-241
- Bearing Inserts 242-246

AGRICULTURE UNITS 247-252
- Nomenclature 247
- BCA® Flanged Disc Units 248
- BCA® Rubber Mounted Disc Harrow Bearings 249
- Bearing Inserts 250-252

ACCESSORIES AND TOOLING 253-270
- Adapters 254-257
- Locknuts and Lockwashers 258-261
- End Caps 262-263
- Single Point Lubricators 264-266
- Installation Tools 267-268
- Removal Tools 269-270

APPENDICES 271-367
- Lubrication 272-275
- Shaft Design 276-280
- Installation 281-289
- Troubleshooting & FAQs 290-293
- Clearance Tables 294-296
- Tolerances 297-302
- Competitive Interchange Tables 303-306
- Product Weights 307-329
- Conversion Charts 330
- Decimal Equivalants 331-332
- Part Number Index 333-370

FOOD PROCESSING

The reliability, durability and flexibility required for corrosion-resistant, food-grade environments.

OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Bakery & Baked Goods
- Bottle & Beverage
- Brewing & Fermentation
- Canned Goods
- Dairy Processing
- Dry Goods Processing
- Seafood and Mariculture
- Meat Processing
- Packaging Machinery
- Produce Processing
- Custom Applications

Regardless of what segment of food processing your application resides in, the demand for reliability and safety is paramount. Our corrosion-resistant and Ultra-Class mounted bearing units are built to withstand the rigors and safety constraints of the food processing industry. They are designed with industry-leading features that include:

- Precision made, solid-base construction for vibration stability, impact-load resistance, and optimal alignment.
- Minimal cavities to prevent particle buildup.
- State-of-the-art seals that provide secure protection against dirt, particles, liquids, and corrosive solutions.
- Food grade solid lube inserts eliminate grease-purge, particle and fluid wear, and can extend the life of a standard bearing insert by over 200%.



STAINLESS STEEL SERIES

Mounted bearing units with stainless steel composition are designed specifically for applications where corrosion resistance is mandatory.

When subjected to environments when humidity or corrosive cleaning agents, traditional cast iron bearing units are more likely to degrade at a faster rate during wash-down cycles. NTN's full stainless composition alleviates this challenge while offering additional features and benefits:

- Solid base construction offers superior impact-load resistance and vibration stability, particularly in bottle & beverage processing.
- Availability in multiple housing styles provides flexibility for virtually any custom processing or packaging machinery design.
- Protective end caps offer additional protection to your bearings and are designed to work specifically with the Stainless Steel Series.

See pages 208 thru 219 for specifications and ordering.





THERMOPLASTIC SERIES

The NTN Thermoplastic Series offers comparable performance to our Stainless Steel Series, but with added focus on protection from mold, bacteria, and chemical cleaning agents. Non-textured surfaces prevent contaminant build-up, while the lightweight thermoplastic composition allows for ease of installation on food processing equipment. Additional key features and benefits:

- Stainless steel reinforced bolt holes prevent damage to the thermoplastic base when securing bolts to the mounting frame.
- Thermoplastic housings are available in either stainless steel or zinc coated insert styles, giving you the freedom to customize a solution tailored to the degree of corrosiveness in your application.
- Protective end caps feature a snap-fit design that prevents displacement during high-pressure wash-down cycles, especially in dairy and meat processing applications.

See pages 200 thru 207 for specifications and ordering.



ULTRA-CLASS™ SERIES

This mounted-unit line is perfect for dry-good environments or food processing applications that don't require assembly line washdown. Featuring NTN's exclusive ball-point, set-screw design, the Ultra-Class black-oxide-plated insert provides 120° screw orientation, enabling superior alignment and centering when compared to typical 90° configurations.

- Combined elastomeric seal and flinger design creates a fan-like mechanism that effectively keeps particles away from the inner ball bearing and raceways.
- Semi-retractable, ball-point mechanism enables excellent tightening torque characteristics without damaging the shaft-mounting surface.

See pages 19 thru 47 for specifications and ordering.

COSMETIC/ PHARMACEUTICAL

Take advantage of emerging markets with versatile bearings that resist humidity, superfine particles, and corrosion.

OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Cosmetics Processing
- Pharmaceutical Processing
- Packaging Machinery
- Dispensing Equipment
- Other Dry Particle & Liquid Processing
- Custom Applications

Superfine particle contamination can prove to be a costly contributor to production line downtime. Improper bearing selection enables dust particles to come in contact with ball and raceway surfaces, leading to surface corrosion and premature bearing failure. Protect lines from downtime with NTN bearings. Our full range of bearings offers washdown and general corrosion resistance while protecting against small particle contamination and environmental conditions found in most pharmaceutical and cosmetic applications.

- Proprietary design and seals protect against particle abrasion and wear.
- Easily handles regular cleaning.
- Industrial-strength composition for high performance.
- Vibration stability for long-lasting durability.



ULTRA-CLASS™ SERIES

For dry applications where washdown is not required, Ultra-Class has been created to provide superior protection from dry particle wear. Designed with NTN's exclusive ball point, set-screw design, the Ultra-Class black-oxide-plated insert provides 120° screw orientation, enabling superior alignment and centering when compared to typical 90° configurations.

- Combined elastomeric seal and flinger design creates a fan-like mechanism that effectively keeps particles away from the inner ball bearing and raceways.
- Ball-point set screw enables excellent tightening torque characteristics without damaging the shaft-mounting surface.
- Available in metric and inch sizes.

See pages 19 thru 47 for specifications and ordering.





SOLID LUBE SOLUTIONS FOR BEARING UNITS

The Solid Lube Series provides peace of mind for maintenance professionals, as it eliminates grease-purge, particle and fluid wear found in cosmetic and pharmaceutical applications. From a reliability standpoint, solid lube can extend the life of an insert by over 200%.

- Spot-pack lube on Ultra-Class allows for higher operating speeds while protecting from dry particle contamination.
- Full-pack lube on stainless steel inserts provides optimal protection from fluid and dry particle contamination.
- Both spot-pack and full-pack lube types meet USDA requirements.

See pages 43 and 221 for specifications and ordering.



CORROSION-RESISTANT SERIES

Cosmetic and pharmaceutical processing is not just limited to dry particle elements. Production of lotions, perfumes and syrups provide an environment where fluid contamination is possible. NTN's stainless steel and thermoplastic mounted units provide stainless steel insert construction with protective seals to reduce fluid ingress and long-term corrosion.

- Availability in multiple housing styles provides flexibility for virtually any custom machinery design.
- Zinc coated inserts are available with thermoplastic housings to support less severe corrosive environments.
- Units are lubricated with grease that meets USDA requirements.

See pages 199 thru 222 for specifications and ordering.

AGRICULTURE

Day-in, day-out, NTN Bearings are ready to withstand rigorous work.

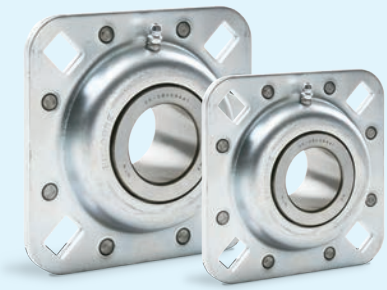
OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Disc Harrows
- Combines
- Grain Elevators
- Mowers
- Harvester Equipment
- Custom Applications

As a trusted supplier of agricultural products for nearly 100 years, NTN is committed to serving American farmers with a wide array of quality products including ranging from flanged and rubber mounted disc units to square, round and hex bore bearing inserts. We have an ongoing commitment to developing and manufacturing the finest in ball and roller bearings, and have been recognized through customer quality awards for best-in-class reliability and quality.

NTN is a major supplier of bearings to all original agricultural equipment manufacturers in the United States. These OEMs have performed many rigorous field and laboratory tests, proving the superior performance of NTN bearings. Continuously improving manufacturing technologies and designs, NTN meets the demanding performance standards set by OEMs servicing the farming community.

See page 306 for cross-reference for NTN to BCA® part numbering interchanges.



FD SERIES FLANGED DISC UNITS

FD Series bearings are integral assemblies designed specifically for the most severe tillage applications. The bearing and housing design provides a “bolt-in-place” unit for factory or field applications.

- Heavy gauge, case-hardened and zinc-plated stampings prevent bearing insert contamination caused by dirt particles and water ingress.
- Permanent grease fittings provide easy lubrication points for extended bearing life.
- Spherical bearing insert outer diameter translates to minimal bearing misalignment relative to the housing.

See page 248 for specifications and ordering.





CDS SERIES RUBBER MOUNTED UNITS

CDS Series bearings are designed for use on tillage applications where high shock loads are prominent. These units are comprised of an integral bearing and rubber grommet housing to absorb impact loading.

- Nitrile rubber triple-lip seals provide excellent maximum seal effectiveness against particle wear and fluid corrosion.
- Closer clearance between the trash guard and inner ring O.D. provide increased durability.
- Spherical bearing insert outer diameter translates to minimal bearing misalignment relative to the housing.

NTN Proven Seals

Triple-lip seals have greater lip interference than industry equivalents, ensuring the highest resistance to contamination.



Single-Lip Seal



Triple-Lip Seal

See page 249 for specifications and ordering.



HEAVY DUTY DISC BEARINGS

AH Hex Bore Series and AS Square Bore Series disc bearings are designed for use on moderately loaded, low-speed applications. Their bore shape eliminates the need to locking devices, simplifying installation and eliminating bearing slippage during operation.

- Hex bore range covers 11/16" to 2½" sizes, square bore range covers 7/8" to 2½" sizes, and round bore range covers 11/16" to 2½" sizes to support popular shaft sizes within the agriculture industry.
- Spherical and cylindrical outer ring options provide additional design flexibility for your equipment.

See pages 250 thru 252 for specifications and ordering.

MATERIAL HANDLING

Meeting the challenges of safe, efficient machinery design.

OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Freight and Logistics Infrastructure
- Transit Authority Equipment
- Conveyors
- Packaging Machinery
- Port Authority Equipment
- Custom Applications

In every facility, the focus is to limit as many areas for risk that can negatively influence business. Machinery maintenance is something that is normally anticipated whether it is scheduled or not. When the infrastructure goes down, however, recovery is more frustrating and becomes an irritation. While bearings are not usually considered critical, these facility components become as important as any other piece of machinery when they are not performing. The inability to have products and components get to their destination properly will shut down even the most efficient manufacturing service or process.

NTN has solutions that will help or greatly reduce these frustrations, particularly in the area of material handling. Whether it is providing products that have a solid base to accommodate high impact loads and vibration, or have special coatings to withstand environmental conditions such as humidity, trust NTN to have the product offering to reduce downtime and keep things moving.



ULTRA-CLASS™ SERIES

The flagship bearing unit line is ideal for material handling applications where elements such as dry particle contamination and moisture are of concern. Ultra-Class provides a wealth of features and benefits to address these challenges in addition to other material handling requirements.

- Inserts feature black oxide coating for superior moisture protection.
- NTN's exclusive ball-point set screw provides excellent shaft tightening without damage to the shaft.
- A specialized seal and flinger design prevents particles from reaching the inner ball bearings and raceways, reducing wear and corrosion.

See pages 19 thru 47 for specifications and ordering.





STAINLESS STEEL SERIES

The NTN Stainless Steel Series is primarily intended for use in areas where moisture or aggressive media seriously degrades the service life of conventional ball bearing units made of cast iron and chrome steel. For material handling applications found in food-type applications, all units are lubricated with grease meeting the USDA H1 food-grade specification.

- Solid base construction offers superior impact-load resistance and vibration stability, particularly in the bottle & beverage processing and material handling arenas.
- Housing types ranging from pillow blocks to take-up units provide flexibility for virtually all custom material handling machinery and conveyance designs.

See pages 208 thru 219 for specifications and ordering.



STANDARD SERIES

For applications that do not require special environmental considerations but may be highly customizable for fitting purposes, NTN offers an unmatched selection of housing styles and insert types as a standard offering for the material handling industry. Whether requiring stretcher units for conveyor belt tensioning or tapped base pillow blocks to minimize the installation footprint, all of our solutions are backed by NTN's commitment to quality and reliability.

- Pressed or cast steel covers provide additional protection from dust and other particle contamination.
- Multiple grease offerings are available upon request to support varying operating temperature ranges or operating speeds.

See pages 49 thru 198 for specifications and ordering.

REFINERY/ PETROCHEMICAL

Proven through years of heavy-duty performance and user satisfaction.

OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Condensers
- Heat Exchangers
- Process Cooling Towers
- Waste Water Treatment
- Industrial Fans & Blowers
- Custom Applications

Refinery and petrochemical applications feature some of the most aggressive environments for a bearing to be subjected. Heaters and boilers use steam to vaporize crude oil and remove impurities, requiring equipment to withstand humidity and corrosive pollutants. Flaring devices burn off vapors during the refinery process, requiring equipment to operates at higher temperatures.

In addition to environmental challenges, components within the industry must withstand significant axial and thrust loading characteristics, requiring roller bearings as opposed to ball bearings. NTN offers a complete line of spherical roller bearings and mounting configurations to address the aggressive nature of the refinery and petrochemical industries.



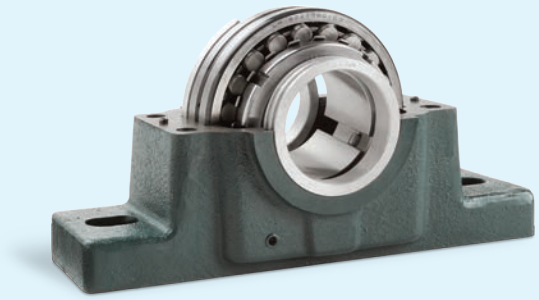
HEAVY DUTY SEALED SRB UNITS

NTN's sealed spherical roller bearing units have been designed and tested to provide superior performance in markets with heavy contamination concerns. The standard one-piece housing offers superior shock and impact loading characteristics, and serves as a drop in replacement for most Plummer block designs. The spring-loaded contact seals and phosphate coated bearing inserts offer excellent contamination protection and corrosion resistance.

- SPAW/SPW pillow block and SFCW/SFSW flange housing styles offer flexibility for many large shaft size applications.
- Four-bolt flange configurations available for vertical shaft mounting.
- Optional cast iron covers or taconite seals provide additional protection against the most severe corrosive elements.
- Sealed units do not require the shaft to be moved or lifted during replacement, saving time in mounting and dismounting during maintenance.

See pages 226 thru 229 for specifications and ordering.





SPLIT HOUSING PLUMMER BLOCKS

For applications that do not require special environmental considerations but may be highly customizable for fitting purposes, NTN offers a wide range of housing sizes types for the refinery industry. Complete units are provided with all necessary hardware for installation and maintenance, providing you with an out-of-the-box solution that minimizes downtime and is backed by NTN's commitment to quality.

- Optional cast iron covers provide additional protection from dust and other particle contamination.
- Units come with standard LER seals, but can be customized to include taconite seals for specialized applications.

See pages 230 thru 235 for specifications and ordering.



SPHERICAL ROLLER BEARING INSERTS

The symmetrical roller geometry used in our "E-Type" spherical roller bearing offers a significant improvement in load capacity on average over competitive equivalents. As such, these bearings can handle even more aggressive conditions and loading, resulting in longer bearing life. Our new series also features heat treated steel, which offers improved dimensional stability and temperature resistance for your application.

- Symmetrical roller geometry design offers a 20% increased load capacity over previous versions.
- High temperature capacity up to 200°C for improved dimensional stability.
- Re-lubrication hole feature: D1 and W33 options are industry standardized as W33 for brand consistency.

See pages 242 thru 246 for specifications and ordering.

ULTRA-CLASS™ SERIES

Superior performance and long-lasting reliability.

OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Material Handling
- Packaging Machinery
- Cosmetics/Pharmaceutical Processing
- Agriculture
- Dry Goods Processing
- Bottle & Beverage Processing

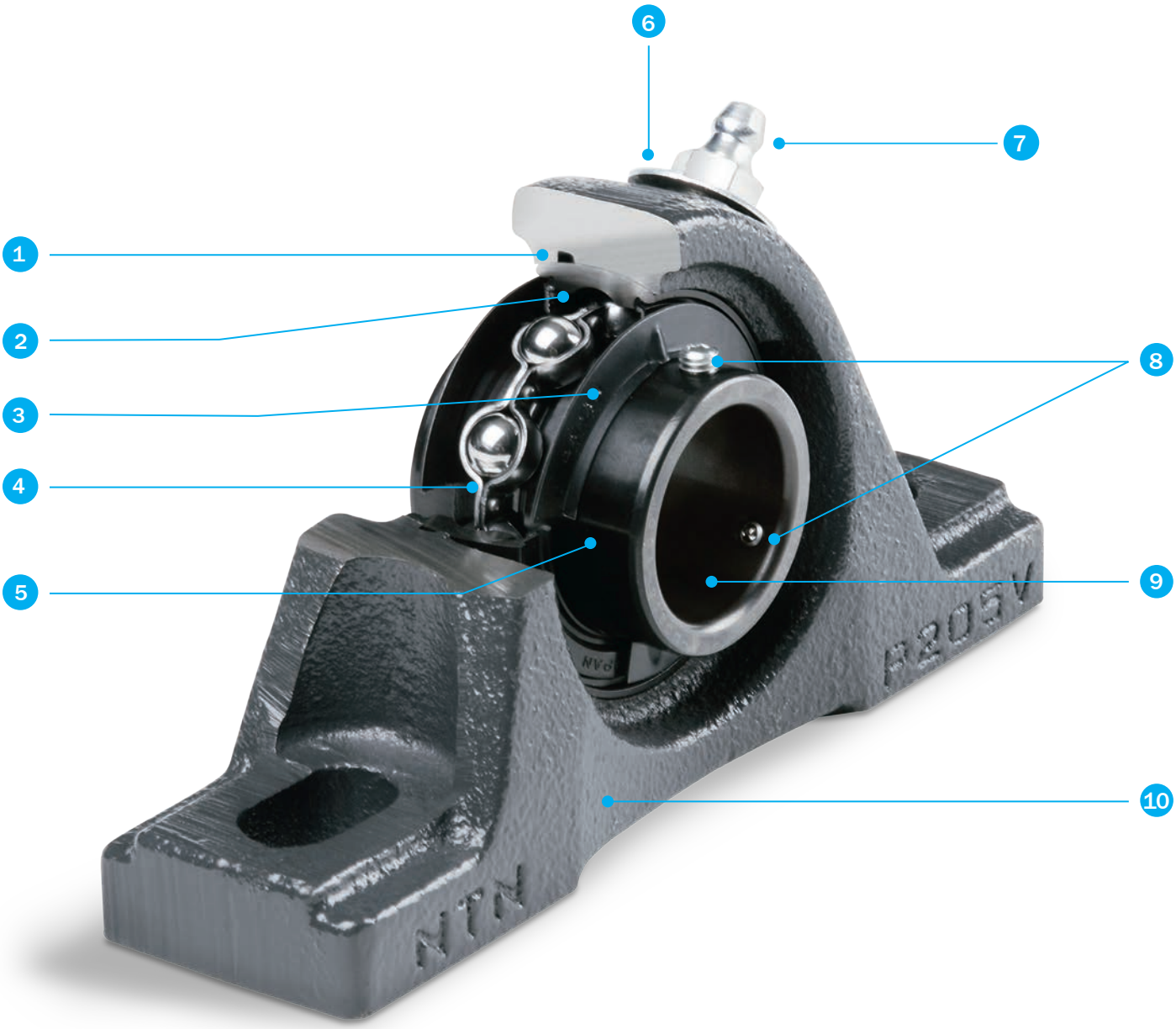
Ultra-Class by NTN is a feature-rich, premium mounted line ideally suited for use on high-performing applications in Food Processing, Cosmetic, Pharmaceutical, Agriculture and Material Handling industries. It is the cornerstone of the NTN bearing unit line, providing best-in-class performance where reliability is paramount.

Key Features and Benefits:

- Inserts feature black oxide coating for superior protection from condensation and humidity.
- NTN's exclusive ball-point set screw provides excellent shaft tightening without damage to the mounting surface.
- A specialized seal and flinger design prevents particles from reaching the inner ball bearings and raceways, reducing wear and corrosion.
- Multiple options available to provide design flexibility for your application:
  - Pillow block, two-bolt flange or four-bolt flange housing types.
  - Light, standard or intermediate duty.
  - Inch and metric bore size support.



See pages 19 thru 47 for specifications and ordering.



1. Optimal Outer Ring to Housing Fit
2. Precision Honed Raceways
3. Land Riding Rubber Seal with Flinger
4. Heavy Duty Steel Retainer
5. Precision Ground Smooth Sealing Surface
6. Permanent Metallic Plate with Complete Part Number
7. Grease Fitting at 45°
8. NTN Exclusive Ball Point Set Screw
9. Black Oxide Coated Bearing Insert
10. Heavy Duty Solid Base Housing

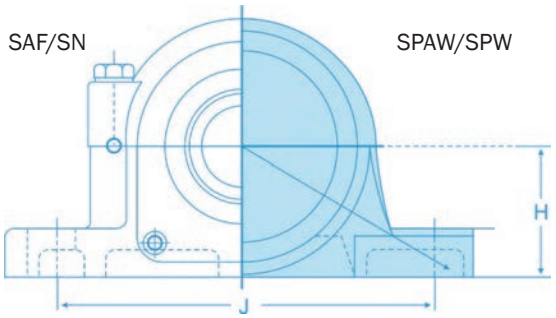
HEAVY DUTY SEALED SRB UNITS

Heavy loading and contamination requires heavy duty protection.

PROVEN PERFORMANCE IN MARKETS WITH HEAVY CONTAMINATION LIKE:

- Mining
- Paper
- Steel
- Refinery
- Aggregate
- Waste Water Treatment
- Lumber
- HVAC

Same Base-to-Shaft-Center Height (H) & Bolt Position (J) as SAF/SN Units



A BETTER REPLACEMENT IN HEAVY CONTAMINATION

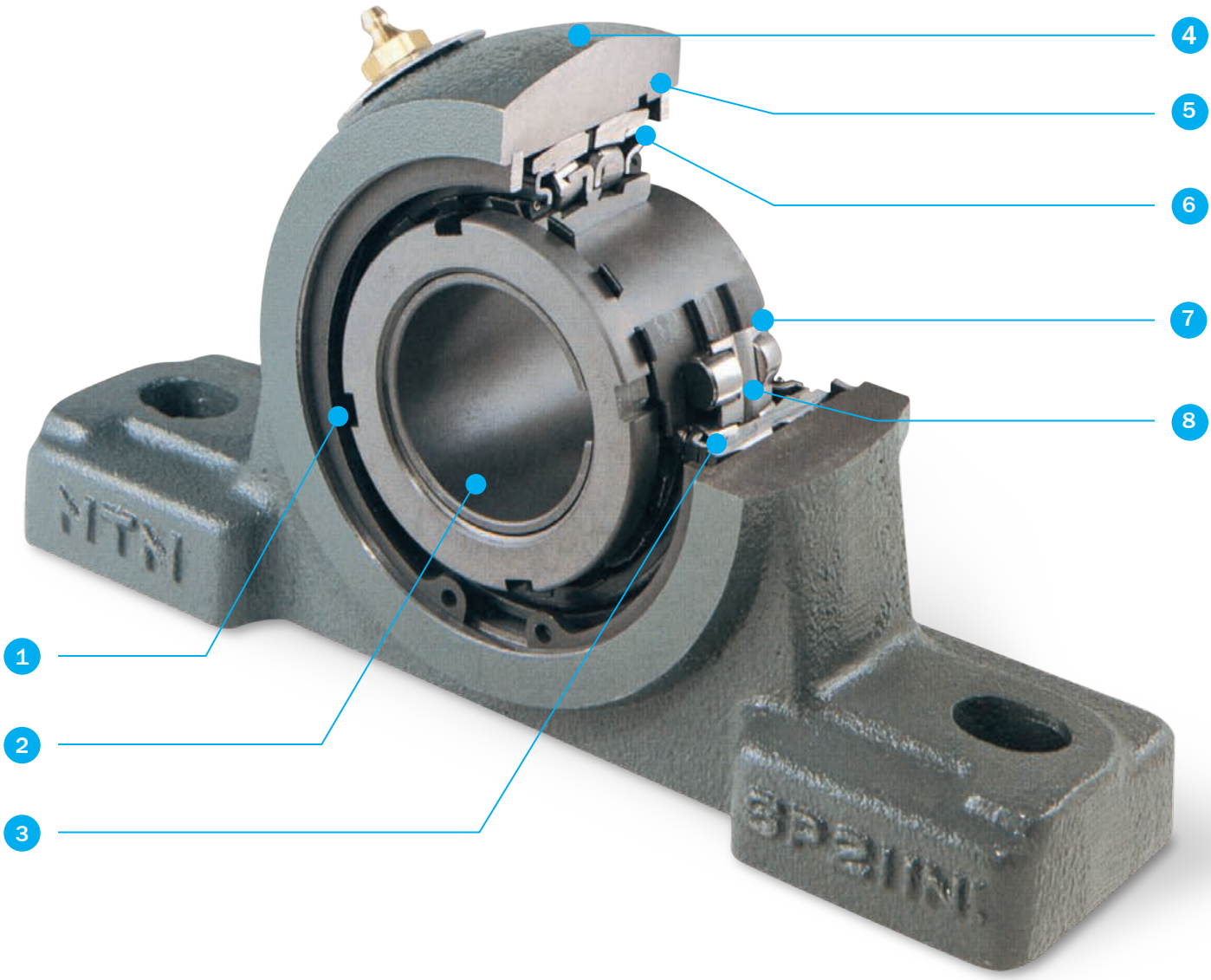
NTN SPAW/SPW Heavy Duty Spherical Roller Bearing Units have been designed and tested to provide superior performance in markets with heavy contamination concerns. These are easy-to-install replacement units that are factory sealed, pre-lubricated and assembled. The standard one-piece ductile iron housing offers better shock loading characteristics, and offers the same base-to-shaft-center height and bolt hole positions for quicker mounting and dismounting when compared to other replacement parts.

The spring-loaded contact seals and phosphate coating on the bearing inserts offer excellent contamination protection, corrosion resistance and durability in harsh environments. All of this adds up to more profitability and less down time. SPAW/SPW Heavy Duty Bearing Units are completely assembled, pre-lubricated and sealed to save time and money.

Key Features and Benefits:

- Available with covers and taconite housing seals for the most severe applications.
- Available in both Inch (SPAW) and Metric (SPW) sizes.
- Available in $1^{15}/_{16}$" - $5^{1}/_{2}$" and 50 mm - 140 mm bore sizes.
- Available as 2-bolt, 4-bolt and solid base design.

See pages 223 thru 246 for specifications and ordering.



1. Locknut/Adapter Sleeve for secure mounting on shaft
2. Phosphate-Coated Bearing for corrosion protection
3. Unitized Bearing Insert allows for easy replacement
4. One-Piece, Ductile Iron Housing
5. Versatile Fixed or Float Unit with simple repositioning of snap ring
6. Spring-Loaded Contact Bearing Seals offer better contamination protection and help retain more lubricant than standard seals.The seals on the NTN SPAW/SPW help mitigate lubrication schedules and allow maintenance personnel to focus on more important issues.
7. Heavy Duty Steel Retainer
8. Super-Finished Spherical Rollers allow for higher misalignment capability

CORROSION-RESISTANT SERIES

Optimum flexibility and performance for harsh conditions.

OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Food Processing
- Waste Water Treatment
- Cosmetic/Pharmaceutical Processing
- Port Authority
- Packaging Machinery
- Bottle/Beverage Processing



STAINLESS STEEL SERIES

The NTN Stainless Steel Series is primarily intended for use in areas where moisture or aggressive media seriously degrades the service life of conventional ball bearing units made of cast iron and chrome steel. In order to satisfy the requirements of the pharmaceutical and food industries, all units are lubricated with grease meeting the USDA H1 food-grade specification.

- Solid base construction offers superior impact-load resistance and vibration stability, particularly in bottle & beverage processing and material handling.
- A variety of housing styles, ranging from pillow blocks to take-up units, provides flexibility for virtually all custom processing or packaging machinery designs.
- Protective end caps offer additional protection to your bearings and are designed to work specifically with the Stainless Steel Series.
- Units are rated for use in applications operating between -4°F and +248°F.

See pages 208 thru 219 for specifications and ordering.

THERMOPLASTIC SERIES

The NTN Thermoplastic Series have housings that are made with white PBT resin, and features smooth surfacing that prevents the retention of dust, mold and bacteria. These bearings display excellent resistance to a wide range of chemicals: acids, bases, organic solvents and salts. Similar to the Stainless Steel Series, all units are lubricated with grease meeting USDA requirements.

- Stainless steel reinforced bolt holes prevent damage to the thermoplastic base when securing bolts to the mounting frame.
- Thermoplastic housings are available in either stainless steel or zinc coated insert styles, giving you the freedom to customize a solution tailored to the degree of corrosiveness in your application.
- Protective end caps feature a snap-fit design that prevents displacement during high-pressure wash-down cycles, especially in dairy and meat processing applications.
- Units are rated for use in applications operating between -4°F and +230°F.

See pages 200 thru 207 for specifications and ordering.

FOOD GRADE SOLID LUBE

Protect against particle corrosion, miminize downtime, and save money.

OUR COMPREHENSIVE SELECTION MEETS YOUR APPLICATION NEEDS:

- Food Processing
- Waste Water Treatment
- Cosmetic/Pharmaceutical Processing
- Dry Goods Processing
- Port Authority
- Agriculture

MAINTENANCE-FREE BEARING UNITS WITH FOOD GRADE SOLID LUBE

The Solid Lube Series from NTN is designed specifically for the food processing and pharmaceutical industries. These inserts provide peace of mind, as they eliminate grease purge, particle and fluid wear commonly associated with food-grade applications. From a reliability standpoint, solid lube can extend the life of a bearing insert by over 200% and eliminates the need for re-lubrication.



Gain peace of mind with inserts that eliminate grease-purge, particle and fluid wear and extend the life of a standard bearing insert by over 200%.

WASH AWAY DOWNTIME WITH CORROSION RESISTANT INSERTS

When water and fluid contamination is a key concern, stainless steel inserts help provide optimal protection against bleach and high pressure wash-down. Full pack lube fully protects balls and raceways from external elements, meaning that both wet and dry contamination are effectively removed.

- Full-pack lube on stainless steel inserts provides optimal protection from both fluid and dry particle contamination.

See page 221 for specifications and ordering.

GET ULTRA-PROTECTION WITH ULTRA-CLASS™ INSERTS

For dry applications where wash-down is not required, Ultra-Class with solid lube offers superior protection from dry particle wear. Black oxide coating on inserts provides added resistance to moisture and condensation. Ultra-Class with solid lube is offered in a spot-pack configuration to allow for higher speeds of operation over full-pack lube options. Industry standard sizing means that bearing inserts are easily interchangeable and adaptable to virtually all non-relubricatable housing configurations.

- Spot-pack lube on Ultra-Class inserts allows for higher operating speeds while providing added protection from dry particle contamination.

See page 43 for specifications and ordering.

SINGLE-POINT AUTOMATIC LUBRICATORS

Reduce operating costs and apply the right amount on time, every time.

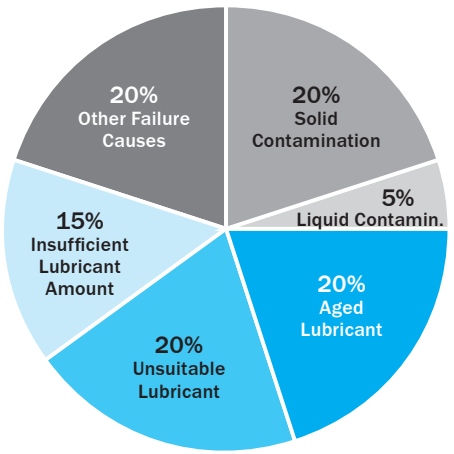
IMPROVE SAFETY, RELIABILITY AND PRODUCTIVITY AND REALIZE COST SAVINGS

Every maintenance team is doing more with less these days. Daily, weekly or monthly PM tasks can take valuable time away from more pressing issues. Convenient, prefilled automatic lubricators are a smart way to save workers time and companies money. When technicians manually grease bearings and other moving parts, they risk improper lubrication, waiting too long between applications, and overlooked lubrication points: Approximately 55% of bearing failures are a result of poor lubrication.



Automatic lubricators help reduce exposure to hazardous situations such as hard-to-reach spaces and high temperatures.

CAUSES OF ROLLER BEARING FAILURES



55% of roller bearing failures could be prevented with NTN lubrication systems!

NTN's single-point lubricators automatically grease parts at a predetermined rate and maintain consistent lubrication, helping to ensure that equipment keeps running efficiently. This reduces the chance of bearing and machine failure, and frees up maintenance technicians to move on to other more profitable activities. Plus, it's a safer alternative to manual lubrication, particularly when bearings are in hard-to-reach places, confined areas, or are too hot to touch.

- A variety of sizes and prefilled with brand name lubricants to meet the need of your application.
- Complete or refill units available between 60 and 250 cc volume sizes.
- Choose from gas, electrochemical, or electromechanical powered lubricators.

See pages 264 thru 266 for specifications and ordering.

The Ultra-Class mounted-unit line is feature rich and high performing. Using a combined elastomeric seal, in tandem with NTN's outer flinger design, each mounted unit exhibits a fan-like mechanism that effectively keeps particles away from the inner ball bearing and raceways. Industry standard sizing in millimeters and inches means that bearing inserts are easily interchangeable and adaptable to numerous housing configurations.

Key Markets Served:
Food Processing, Cosmetics and Pharmaceutical, Agriculture, and Material Handling

Table of Contents

UCP....20-21
UCPL....22-23
UCPX....24
ARP....25
ARPL....26
UELP....27
UELPL....28
JELP....29
JELPL....30
UCFLU....31
UCFLUX....32
ARFLU....33
UELFLU....34
JELFLU....35
UCFU....36-37
UCFUX....38
UELFU....39
ARFU....40
JELFU....41
Bearing Inserts....42-47

ULTRA-CLASS SERIES – MOUNTED UNIT NUMBERING SYSTEM

Metric Series

Housing			Bore Diameter	
UC	P		- 60	M
Bearing Insert		Size		Suffix

Inch Series

Housing			Bore Diameter	
UC	FLU	X	- 15/16	M
Bearing Insert		Size		Suffix

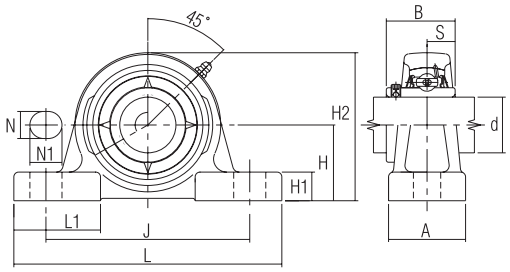
BEARING INSERT
- AR: Narrow inner ring, set screw type
- JEL: Narrow inner ring, locking collar
- UC: Wide inner ring, set screw type, with flinger
- UEL: Wide inner ring, eccentric collar, with flinger

HOUSING
- FLU: 2 Bolt flanged unit, cast housing
- FU: 4 Bolt flanged unit, cast housing
- P: Pillow block, cast housing
- PL: Pillow block, cast housing, low center height

SIZE
- No Code: Standard duty
- X: Medium duty

BORE DIAMETER
- X.X/X: Shaft diameter in inches or metric

SUFFIX
- D1: Relube type
- FG1: Food grade solid lube
- M: Black oxide coating
- S: Small housing



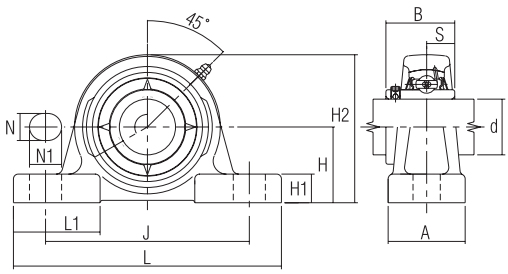
Units	Shaft Dia.
Metric	20 - 45 mm
Standard	½ - 1¾ in.

PILLOW BLOCKS – SET SCREW TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B	S				
½	UCP-½M														A-UC201X-008D1M	
9/16	UCP-9/16M	30.2	127	92.1	38	11.1	22.2	14	62	42	27.4	11.5			A-UC202X-009D1M	
5/8	UCP-5/8M	1 3/16	5	3 5/8	1 1/2	7/16	7/8	9/16	2 7/16	1 21/32	1.078	0.453	3/8	1/4-28UNF	A-UC202X-010D1M	P201D1V50
11/16	UCP-11/16M														A-UC203X-011D1M	
20	UCP-20M	33.3	127	96	38	11.1	19.8	14	65	42	31.0	12.7			A-UC204D1M	
3/4	UCP-3/4M	1 5/16	5	3 25/32	1 1/2	7/16	25/32	9/16	2 9/16	1 21/32	1.220	0.500	3/8	1/4-28UNF	A-UC204-012D1M	P204D1V50
25	UCP-25M	36.5	140	104.8	38	11.1	20.6	15	71	42	34.1	14.3			A-UC205D1M	
13/16	UCP-13/16M														A-UC205-013D1M	
7/8	UCP-7/8M	1 7/16	5 1/2	4 1/8	1 1/2	7/16	13/16	19/32	2 25/32	1 21/32	1.342	0.563	3/8	1/8-27NPT	A-UC205-014D1M	P205D1V50
15/16	UCP-15/16M														A-UC205-015D1M	
1	UCP-1M														A-UC205-100D1M	
30	UCP-30M	42.9	165	117.5	48	14.3	23.8	17	83	54	38.1	15.9			A-UC206D1M	
1 1/16	UCP-1 1/16M														A-UC206-101D1M	
1 1/8	UCP-1 1/8M	1 11/16	6 1/2	4 5/8	1 1/8	9/16	15/16	21/32	3 9/32	2 1/8	1.500	0.626	1/2	1/8-27NPT	A-UC206-102D1M	P206D1V50
1 3/16	UCP-1 3/16M														A-UC206-103D1M	
1 1/4	UCP-1 1/4SM														A-UC206-104D1M	
35	UCP-35M	47.6	167	130.2	48	14.3	24.6	18	93	54	42.9	17.5			A-UC207D1M	
1 1/4	UCP-1 1/4M														A-UC207-104D1M	
1 5/16	UCP-1 5/16M	1 1/8	6 9/16	5 1/8	1 1/8	9/16	31/32	23/32	3 21/32	2 1/8	1.689	0.689	1/2	1/8-27NPT	A-UC207-105D1M	P207D1V50
1 3/8	UCP-1 3/8M														A-UC207-106D1M	
1 7/16	UCP-1 7/16M														A-UC207-107D1M	
40	UCP-40M	49.2	184	136.5	54	14.3	26.2	18	98	52	49.2	19.0			A-UC208D1M	
1 1/2	UCP-1 1/2M	1 15/16	7 1/4	5 3/8	2 1/8	9/16	1 1/32	23/32	3 27/32	2 1/16	1.937	0.748	1/2	1/8-27NPT	A-UC208-108D1M	P208D1V50
1 9/16	UCP-1 9/16M														A-UC208-109D1M	
45	UCP-45M	54.0	190	149.2	54	14.3	28.6	20	106	60	49.2	19.0			A-UC209D1M	
1 5/8	UCP-1 5/8M														A-UC209-110D1M	
1 11/16	UCP-1 11/16M	2 1/8	7 15/32	5 7/8	2 1/8	9/16	1 1/8	25/32	4 3/16	2 3/8	1.937	0.748	1/2	1/8-27NPT	A-UC209-111D1M	P209D1V50
1 3/4	UCP-1 3/4M														A-UC209-112D1M	

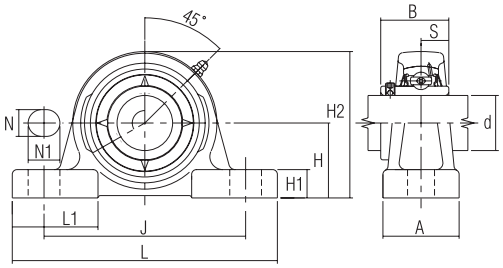
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Units	Shaft Dia.
Metric	50 - 60 mm
Standard	1 13/16 - 3 in.



PILLOW BLOCKS – SET SCREW TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B	S				
50	UCP-50M	57.2	206	158.0	60	17.5	23.8	21	114	65	51.6	19.0			A-UC210D1M	
1 13/16	UCP-1 13/16M														A-UC210-113D1M	
1 7/8	UCP-1 7/8M	2 1/4	8 1/8	6 7/32	2 3/8	11/16	15/16	13/16	4 1/2	2 9/16	2.031	0.748	5/8	1/8-27NPT	A-UC210-114D1M	P210D1V50
1 15/16	UCP-1 15/16M														A-UC210-115D1M	
2	UCP-2SM														A-UC210-200D1M	
55	UCP-55M	63.5	219	176.2	60	18.3	29.4	23	126	65	55.6	22.2			A-UC211D1M	
2	UCP-2M														A-UC211-200D1M	
2 1/16	UCP-2 1/16M	2 1/2	8 5/8	6 15/16	2 3/8	23/32	1 5/32	29/32	4 31/32	2 9/16	2.189	0.874	5/8	1/8-27NPT	A-UC211-201D1M	P211D1V50
2 1/8	UCP-2 1/8M														A-UC211-202D1M	
2 3/16	UCP-2 3/16M														A-UC211-203D1M	
60	UCP-60M	69.8	241	188.1	70	18.3	29.4	25	138	70	65.1	25.4			A-UC212D1M	
2 1/4	UCP-2 1/4M														A-UC212-204D1M	
2 5/16	UCP-2 5/16M	2 3/4	9 1/2	7 13/32	2 3/4	23/32	1 5/32	31/32	5 7/16	2 3/4	2.563	1.000	5/8	1/8-27NPT	A-UC212-205D1M	P212D1V50
2 3/8	UCP-2 3/8M														A-UC212-206D1M	
2 7/16	UCP-2 7/16M														A-UC212-207D1M	
2 1/2	UCP-2 1/2M	76.2	265	203.0	70	25.0	28.0	27	151	77	65.1	25.4	3/4	1/8-27NPT	A-UC213-208D1M	P213D1V50
2 9/16	UCP-2 9/16M	3	10 7/16	8	2 3/4	31/32	1 3/32	1 1/16	5 15/16	3 1/32	2.563	1.000			A-UC213-209D1M	
2 5/8	UCP-2 5/8M	79.4	266	210.0	72	25.0	28.0	27	157	77	74.6	30.2	3/4	1/8-27NPT	A-UC214-210D1M	P214D1V50
2 11/16	UCP-2 11/16M	3 1/8	10 15/32	8 9/32	2 27/32	31/32	1 3/32	1 1/16	6 3/16	3 1/32	2.937	1.189			A-UC214-211D1M	
2 3/4	UCP-2 3/4M														A-UC214-212D1M	
2 13/16	UCP-2 13/16M														A-UC215-213D1M	
2 7/8	UCP-2 7/8M	82.6	275	215.9	74	22.2	31.8	28	163	80	77.8	33.3	3/4	1/8-27NPT	A-UC215-214D1M	P215D1V50
2 15/16	UCP-2 15/16M	3 1/4	10 13/16	8 1/2	2 29/32	7/8	1 1/4	1 3/32	6 13/32	3 5/32	3.063	1.311			A-UC215-215D1M	
3	UCP-3M														A-UC215-300D1M	



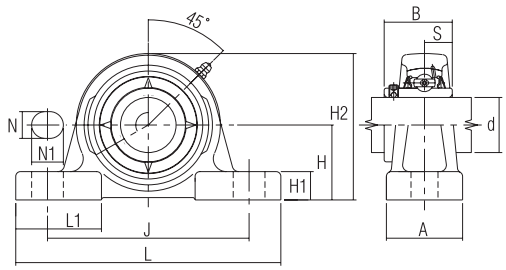
Units	Shaft Dia.
Metric	20 - 45 mm
Standard	½ - 1¾ in.

PILLOW BLOCKS – SET SCREW TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B	S				
½	UCPL-½M														A-UC201X-008D1M	
9/16	UCPL-9/16M	27.0	121	92.1	34.9	11.1	22.2	13	54	40	27.4	11.5			A-UC202X-009D1M	
5/8	UCPL-5/8M	1 1/16	4 3/4	3 5/8	1 3/8	7/16	7/8	½	2 1/8	1 9/16	1.078	0.453	3/8	1/4-28UNF	A-UC202X-010D1M	PL201D1V50
11/16	UCPL-11/16M														A-UC203X-011D1M	
20	UCPL-20M	31.8	127	96.0	38.1	11.1	19.8	14	64	42	31.0	12.7			A-UC204D1M	
¾	UCPL-¾M	1 1/4	5	3 25/32	1 ½	7/16	25/32	9/16	2 17/32	1 21/32	1.220	0.500	3/8	1/4-28UNF	A-UC204-012D1M	PL204D1V50
25	UCPL-25M	33.3	140	104.8	38.1	11.1	20.6	15	68	42	34.1	14.3			A-UC205D1M	
13/16	UCPL-13/16M														A-UC205-013D1M	
7/8	UCPL-7/8M	1 5/16	5 ½	4 1/8	1 ½	7/16	13/16	19/32	2 11/16	1 21/32	1.342	0.563	3/8	1/8-27NPT	A-UC205-014D1M	PL205D1V50
15/16	UCPL-15/16M														A-UC205-015D1M	
1	UCPL-1M														A-UC205-100D1M	
30	UCPL-30M	39.7	165	117.5	47.6	14.3	23.8	17	80	54	38.1	15.9			A-UC206D1M	
1 1/16	UCPL-1 1/16M														A-UC206-101D1M	
1 1/8	UCPL-1 1/8M	1 9/16	6 ½	4 5/8	1 7/8	9/16	15/16	21/32	3 5/32	2 1/8	1.500	0.626	½	1/8-27NPT	A-UC206-102D1M	PL206D1V50
1 3/16	UCPL-1 3/16M														A-UC206-103D1M	
1 1/4	UCPL-1 1/4SM														A-UC206-104D1M	
35	UCPL-35M	46.0	167	130.2	47.6	14.3	24.6	18	91	54	42.9	17.5			A-UC207D1M	
1 1/4	UCPL-1 1/4M														A-UC207-104D1M	
1 5/16	UCPL-1 5/16M	1 13/16	6 9/16	5 1/8	1 7/8	9/16	31/32	23/32	3 19/32	2 1/8	1.689	0.689	½	1/8-27NPT	A-UC207-105D1M	PL207D1V50
1 3/8	UCPL-1 3/8M														A-UC207-106D1M	
1 7/16	UCPL-1 7/16M														A-UC207-107D1M	
40	UCPL-40M	49.2	184	136.5	54.0	14.3	26.2	18	98	52	49.2	19.0			A-UC208D1M	
1 ½	UCPL-1 ½M	1 15/16	7 1/4	5 3/8	2 1/8	9/16	1 1/32	23/32	3 27/32	2 1/16	1.937	0.748	½	1/8-27NPT	A-UC208-108D1M	P208D1V50
1 9/16	UCPL-1 9/16M														A-UC208-109D1M	
45	UCPL-45M	54.0	190	149.2	54.0	14.3	28.6	20	104	60	49.2	19.0			A-UC209D1M	
1 5/8	UCPL-1 5/8M														A-UC209-110D1M	
1 11/16	UCPL-1 11/16M	2 1/8	7 15/32	5 7/8	2 1/8	9/16	1 1/8	25/32	4 3/32	2 3/8	1.937	0.748	½	1/8-27NPT	A-UC209-111D1M	PL209D1V50
1 3/4	UCPL-1 3/4M														A-UC209-112D1M	

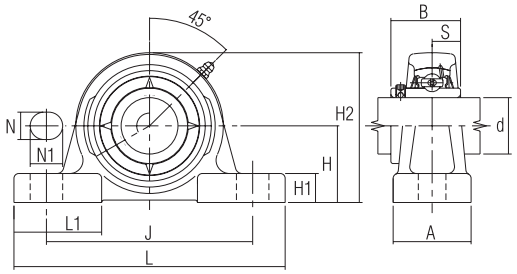
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Units	Shaft Dia.
Metric	50 - 60 mm
Standard	1 13/16 - 3 in.



PILLOW BLOCKS – SET SCREW TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B	S				
50	UCPL-50M	55.6	206	158.0	60.3	17.5	23.8	21	112	65	51.6	19.0			A-UC210D1M	
1 13/16	UCPL-1 13/16M														A-UC210-113D1M	
1 7/8	UCPL-1 7/8M	2 3/16	8 1/8	6 7/32	2 3/8	11/16	15/16	13/16	4 13/32	2 9/16	2.031	0.748	5/8	1/8-27NPT	A-UC210-114D1M	PL210D1V50
1 15/16	UCPL-1 15/16M														A-UC210-115D1M	
2	UCPL-2SM														A-UC210-200D1M	
55	UCPL-55M	61.9	219	176.2	60.0	18.3	29.4	23	124	65	55.6	22.2			A-UC211D1M	
2	UCPL-2M														A-UC211-200D1M	
2 1/16	UCPL-2 1/16M	2 7/16	8 5/8	6 15/16	2 3/8	23/32	1 5/32	29/32	4 7/8	2 9/16	2.189	0.874	5/8	1/8-27NPT	A-UC211-201D1M	PL211D1V50
2 1/8	UCPL-2 1/8M														A-UC211-202D1M	
2 3/16	UCPL-2 3/16M														A-UC211-203D1M	
60	UCPL-60M	68.3	241	188.1	69.9	17.5	29.4	25	136	70	65.1	25.4			A-UC212D1M	
2 1/4	UCPL-2 1/4M														A-UC212-204D1M	
2 5/16	UCPL-2 5/16M	2 11/16	9 1/2	7 13/32	2 3/4	11/16	1 5/32	31/32	5 11/32	2 3/4	2.563	1.000	5/8	1/8-27NPT	A-UC212-205D1M	PL212D1V50
2 3/8	UCPL-2 3/8M														A-UC212-206D1M	
2 7/16	UCPL-2 7/16M														A-UC212-207D1M	
2 1/2	UCPL-2 1/2M	76.2	265	203.2	70.0	25.0	28.0	27	151	77	65.1	25.4	3/4	1/8-27NPT	A-UC213-208D1M	PL213D1V50
2 9/16	UCPL-2 9/16M	3	10 7/16	8	2 3/4	31/32	1 3/32	1 1/16	5 15/16	3 1/32	2.563	1.000			A-UC213-209D1M	
2 5/8	UCPL-2 5/8M	76.2	266	203.2	72.2	20.6	34.9	27	154	77	74.6	30.2	3/4	1/8-27NPT	A-UC214-210D1M	
2 11/16	UCPL-2 11/16M	3	10 15/32	8	2 27/32	13/16	1 3/8	1 1/16	6 1/16	3 1/32	2.937	1.189			A-UC214-211D1M	PL214D1V50
2 3/4	UCPL-2 3/4M														A-UC214-212D1M	
2 13/16	UCPL-2 13/16M														A-UC215-213D1M	
2 7/8	UCPL-2 7/8M	84.1	305	241.3	73.8	22.2	31.8	28	165	80	77.8	33.3	3/4	1/8-27NPT	A-UC215-214D1M	PL215D1V50
2 15/16	UCPL-2 15/16M	3 5/16	12	9 1/2	2 29/32	7/8	1 1/4	1 3/32	6 1/2	3 5/32	3.063	1.311			A-UC215-215D1M	
3	UCPL-3M														A-UC215-300D1M	

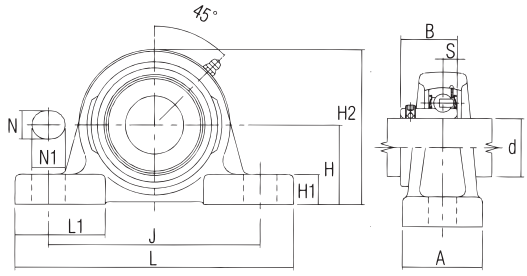


Units	Shaft Dia.
Metric	–
Standard	13/16 - 3½ in.

PILLOW BLOCKS – SET SCREW TYPE, MEDIUM DUTY, BLACK OXIDE COATING

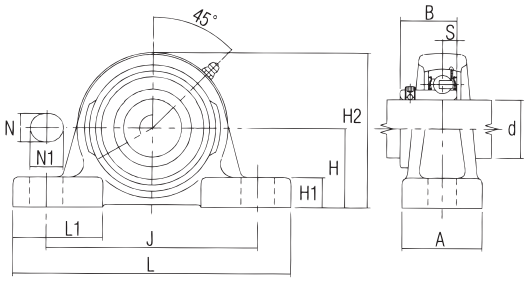
Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B	S				
13/16	UCPX-13/16M	42.9 1 11/16	165 6½	117.5 4⅝	48 1⅞	14.3 9/16	23.8 15/16	17 21/32	83 3 9/32	54 2⅛	38.1 1.500	15.9 0.626	½	⅛-27UNF	A-UCX05-013D1M	P206D1V50
⅞	UCPX-⅞M														A-UCX05-014D1M	
15/16	UCPX-15/16M														A-UCX05-015D1M	
1	UCPX-1M														A-UCX05-100D1M	
1 1/16	UCPX-1 1/16M	47.6 1⅞	167 6 9/16	130.2 5⅛	48 1⅞	14.3 9/16	24.6 31/32	18 23/32	93 3 21/32	54 2⅛	42.9 1.689	17.5 0.689	½	⅛-27UNF	A-UCX06-101D1M	P207D1V50
1⅛	UCPX-1⅛M														A-UCX06-102D1M	
1 3/16	UCPX-1 3/16M														A-UCX06-103D1M	
1¼	UCPX-1¼M	54 2⅛	179 7 1/16	136.5 5⅜	48 1⅞	14.3 9/16	26.2 1 1/32	23 29/32	105 4⅛	60 2⅜	49.2 1.937	19 0.748	½	⅛-27UNF	A-UC207-104D1M	PX07D1V50
1 5/16	UCPX-1 5/16M														A-UCX07-105D1M	
1⅜	UCPX-1⅜M														A-UCX07-106D1M	
1 7/16	UCPX-1 7/16M														A-UCX07-107D1M	
1½	UCPX-1½M	54 2⅛	190 7 15/32	149.2 5⅞	54 2⅛	14.3 9/16	28.6 1⅛	20 25/32	106 4 3/16	60 2⅜	49.2 1.937	19 0.748	½	⅛-27NPT	A-UCX08-108D1M	P209D1V50
1 9/16	UCPX-1 9/16M														A-UCX08-109D1M	
1⅝	UCPX-1⅝M	57.2 2¼	206 8⅛	158 6 7/32	60 2⅜	17.5 11/16	23.8 15/16	21 13/16	114 4½	65 2 9/16	51.6 2.031	19 0.748	⅝	⅛-27NPT	A-UCX09-110D1M	P210D1V50
1 11/16	UCPX-1 11/16M														A-UCX09-111D1M	
1¾	UCPX-1¾M														A-UCX09-112D1M	
1 13/16	UCPX-1 13/16M	63.5 2½	219 8⅝	176.2 6 15/16	60 2⅜	18.3 23/32	29.4 1 5/32	23 29/32	126 4 31/32	65 2 9/16	55.6 2.189	22.2 0.874	⅝	⅛-27NPT	A-UC210-113D1M	P211D1V50
1⅞	UCPX-1⅞M														A-UCX10-114D1M	
1 15/16	UCPX-1 15/16M														A-UCX10-115D1M	
2	UCPX-2M														A-UC211-200D1M	
2 1/16	UCPX-2 1/16M	69.8 2¾	241 9½	188.1 7 13/32	70 2¾	18.3 23/32	29.4 1 5/32	25 31/32	138 5 7/16	70 2¾	65.1 2.563	25.4 1.000	⅝	⅛-27NPT	A-UCX11-201D1M	P212D1V50
2⅛	UCPX-2⅛M														A-UCX11-202D1M	
2 3/16	UCPX-2 3/16M														A-UCX11-203D1M	
2¼	UCPX-2¼M														A-UC212-204D1M	
2 7/16	UCPX-2 7/16M	76.2 3	266 10 15/32	203.2 8	72 2 27/32	20.6 13/16	34.9 1⅜	27 1 1/16	154 6 1/16	77 3 1/32	74.6 2.937	30.2 1.189	¾	⅛-27NPT	A-UC212-207D1M	PL214D1V50
2½	UCPX-2½M														A-UCX13-208D1M	
2 9/16	UCPX-2 9/16M														A-UCX13-209D1M	
2⅝	UCPX-2⅝M	88.9 3½	330 13	228.6 9	89 3½	23.8 15/16	50.8 2	32 1¼	178 7	95 3¾	77.8 3.063	33.3 1.311	¾	⅛-27NPT	A-UCX14-210D1M	PX14D1V50
2 11/16	UCPX-2 11/16M														A-UCX14-211D1M	
2¾	UCPX-2¾M														A-UCX14-212D1M	
2 13/16	UCPX-2 13/16M	88.9 3½	330 13	228.6 9	89 3½	23.8 15/16	50.8 2	32 1¼	178 7	95 3¾	82.6 3.252	33.3 1.311	¾	⅛-27NPT	A-UCX15-213D1M	PX15D1V50
2⅞	UCPX-2⅞M														A-UCX15-214D1M	
2 15/16	UCPX-2 15/16M														A-UCX15-215D1M	
3	UCPX-3M														A-UCX15-300D1M	
3 3/16	UCPX-3 3/16M	101.6 4	356 14	278.6 10 31/32	111 4⅜	23.8 15/16	50.8 2	33 1 5/16	203 8	110 4 11/32	85.7 3.374	34.1 1.343	¾	⅛-27NPT	A-UCX16-303D1M	PX16D1V50
3 7/16	UCPX-3 7/16M	101.6 4	356 14	278.6 10 31/32	111 4⅜	23.8 15/16	50.8 2	33 1 5/16	203 8	110 4 11/32	104 4.094	42.9 1.689	¾	⅛-27NPT	A-UCX18-307D1M	PX18D1V50
3½	UCPX-3½M														A-UCX18-308D1M	

Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.



PILLOW BLOCKS – SET SCREW TYPE, NARROW INNER RING, CAST HOUSING

Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B	S				
1/2	ARP-1/2	30.2 1 3/16	127 5	92.1 3 5/8	38.1 1 1/2	11.1 7/16	22.2 7/8	14 9/16	62.0 2 7/16	42 1 21/32	22.5 0.886	6.5 0.256	3/8	1/4-28UNF	A-AR201-008D1	P201D1V50
9/16	ARP-9/16														A-AR202-009D1	
5/8	ARP-5/8														A-AR202-010D1	
11/16	ARP-11/16														A-AR203-011D1	
3/4	ARP-3/4	33.3 1 5/16	127 5	96.0 3 25/32	38.1 1 1/2	11.1 7/16	19.8 25/32	14 9/16	65.0 2 9/16	42 1 21/32	25.5 1.004	7.5 0.295	3/8	1/4-28UNF	A-AR204-012D1	P204D1V50
13/16	ARP-13/16	36.5 1 7/16	140 5 1/2	104.8 4 1/8	38.1 1 1/2	11.1 7/16	20.6 13/16	15 19/32	70.6 2 25/32	42 1 21/32	27 1.063	7.5 0.295	3/8	1/8-27NPT	A-AR205-013D1	P205D1V50
7/8	ARP-7/8														A-AR205-014D1	
15/16	ARP-15/16														A-AR205-015D1	
1	ARP-1														A-AR205-100D1	
1 1/16	ARP-1 1/16	42.9 1 11/16	165 6 1/2	117.5 4 5/8	47.6 1 7/8	14.3 9/16	23.8 15/16	17 21/32	83.3 3 9/32	54 2 1/8	30 1.181	9 0.354	1/2	1/8-27NPT	A-AR206-101D1	P206D1V50
1 1/8	ARP-1 1/8														A-AR206-102D1	
1 3/16	ARP-1 3/16														A-AR206-103D1	
1 1/4	ARP-1 1/4S														A-AR206-104D1	
1 1/4	ARP-1 1/4	47.6 1 7/8	167 6 9/16	130.2 5 1/8	47.6 1 7/8	14.3 9/16	24.6 31/32	18 23/32	92.9 3 21/32	54 2 1/8	35 1.378	9.5 0.374	1/2	1/8-27NPT	A-AR207-104D1	P207D1V50
1 5/16	ARP-1 5/16														A-AR207-105D1	
1 3/8	ARP-1 3/8														A-AR207-106D1	
1 7/16	ARP-1 7/16														A-AR207-107D1	
1 1/2	ARP-1 1/2	49.2 1 15/16	184 7 1/4	136.5 5 3/8	54.0 2 1/8	14.3 9/16	26.2 1 1/32	18 23/32	98.0 3 27/32	52 2 1/16	40 1.575	11 0.433	1/2	1/8-27NPT	A-AR208-108D1	P208D1V50
1 9/16	ARP-1 9/16														A-AR208-109D1	
1 5/8	ARP-1 5/8	53.4 2 1/8	190 7 15/32	149.2 5 7/8	54.0 2 1/8	14.3 9/16	28.6 1 1/8	20 25/32	106.4 4 3/16	60 2 3/8	41.5 1.634	11 0.433	1/2	1/8-27NPT	A-AR209-110D1	P209D1V50
1 11/16	ARP-1 11/16														A-AR209-111D1	
1 3/4	ARP-1 3/4														A-AR209-112D1	
1 13/16	ARP-1 13/16	57.1 2 1/4	206 8 1/8	158.0 6 7/32	60.3 2 3/8	17.5 11/16	23.8 15/16	21 13/16	114.3 4 1/2	65 2 9/16	43 1.693	11 0.433	5/8	1/8-27NPT	A-AR210-113D1	P210D1V50
1 7/8	ARP-1 7/8														A-AR210-114D1	
1 15/16	ARP-1 15/16														A-AR210-115D1	
2	ARP-2S														A-AR210-200D1	
2	ARP-2	63.5 2 1/2	219 8 5/8	176.2 6 15/16	60.3 2 3/8	18.3 23/32	29.4 1 5/32	23 29/32	126.2 4 31/32	65 2 9/16	43 1.693	12 0.472	5/8	1/8-27NPT	A-AR211-200D1	P211D1V50
2 1/16	ARP-2 1/16														A-AR211-201D1	
2 1/8	ARP-2 1/8														A-AR211-202D1	
2 3/16	ARP-2 3/16														A-AR211-203D1	

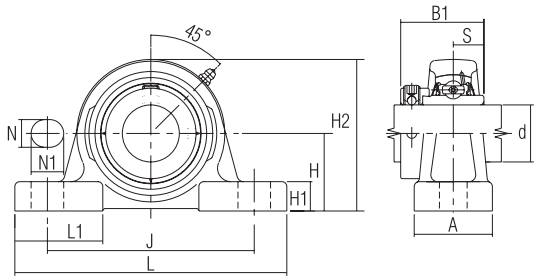


Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.

PILLOW BLOCKS – SET SCREW TYPE, NARROW INNER RING, LOW BASE

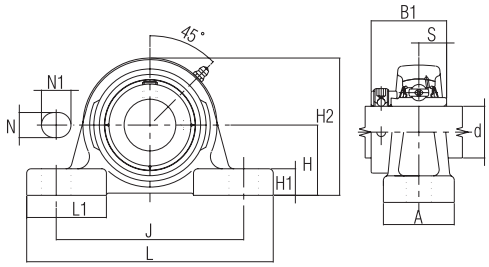
Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B	S				
½	ARPL-½	27.0	121	92.1	34.9	11.1	22.2	13	54	40	22.5	6.5	⅜	¼-28UNF	A-AR201-008D1	PL201D1V50
9/16	ARPL-9/16	1 1/16	4¾	3⅝	1⅜	7/16	⅞	½	2⅛	1 9/16	0.886	0.256			A-AR202-009D1	
⅝	ARPL-⅝														A-AR202-010D1	
11/16	ARPL-11/16														A-AR203-011D1	
¾	ARPL-¾	31.8	127	96.0	38.1	11.1	19.8	14	64	42	25.6	7.5	⅜	¼-28UNF	A-AR204-012D1	PL204D1V50
		1¼	5	3 25/32	1½	7/16	25/32	9/16	2 17/32	1 21/32	1.006	0.295				
13/16	ARPL-13/16	33.3	140	104.8	38.1	11.1	20.6	15	68	42	27.0	7.5	⅜	⅛-27NPT	A-AR205-013D1	PL205D1V50
⅞	ARPL-⅞	1 5/16	5½	4⅛	1½	7/16	13/16	19/32	2 11/16	1 21/32	1.063	0.295			A-AR205-014D1	
15/16	ARPL-15/16														A-AR205-015D1	
1	ARPL-1														A-AR205-100D1	
1 1/16	ARPL-1 1/16	39.7	165	117.5	47.6	14.3	23.8	17	80	54	30.0	9	½	⅛-27NPT	A-AR206-101D1	PL206D1V50
1⅛	ARPL-1⅛	1 9/16	6½	4⅝	1⅞	9/16	15/16	21/32	3 5/32	2⅛	1.181	0.354			A-AR206-102D1	
1 3/16	ARPL-1 3/16														A-AR206-103D1	
1¼	ARPL-1¼S														A-AR206-104D1	
1¼	ARPL-1¼	46.0	167	130.2	47.6	14.3	24.6	18	91	54	35.0	9.5	½	⅛-27NPT	A-AR207-104D1	PL207D1V50
1 5/16	ARPL-1 5/16	1 13/16	6 9/16	5⅛	1⅞	9/16	31/32	23/32	3 19/32	2⅛	1.378	0.374			A-AR207-105D1	
1⅜	ARPL-1⅜														A-AR207-106D1	
1 7/16	ARPL-1 7/16														A-AR207-107D1	
1½	ARPL-1½	49.2	184	136.5	54.0	14.3	26.2	18	98	52	40.0	9.5	½	⅛-27NPT	A-AR208-108D1	P208D1V50
1 9/16	ARPL-1 9/16	1 15/16	7¼	5⅜	2⅛	9/16	1 1/32	23/32	3 27/32	2 1/16	1.575	0.374			A-AR208-109D1	
1⅝	ARPL-1⅝	52.4	190	149.2	54.0	14.3	28.6	20	104	60	41.5	11	½	⅛-27NPT	A-AR209-110D1	PL209D1V50
1 11/16	ARPL-1 11/16	2 1/16	7 15/32	5⅞	2⅛	9/16	1⅛	25/32	4 3/32	2⅜	1.634	0.433			A-AR209-111D1	
1¾	ARPL-1¾														A-AR209-112D1	
1 13/16	ARPL-1 13/16	55.6	206	158.0	60.3	17.5	23.8	21	112	65	43.0	11	⅝	⅛-27NPT	A-AR210-113D1	PL210D1V50
1⅞	ARPL-1⅞	2 3/16	8⅛	6 7/32	2⅜	11/16	15/16	13/16	4 13/32	2 9/16	1.693	0.433			A-AR210-114D1	
1 15/16	ARPL-1 15/16														A-AR210-115D1	
2	ARPL-2S														A-AR210-200D1	
2	ARPL-2	61.9	219	176.2	60.3	18.3	29.4	23	124	65	43.0	12	⅝	⅛-27NPT	A-AR211-200D1	PL211D1V50
2 1/16	ARPL-2 1/16	2 7/16	8⅝	6 15/16	2⅜	23/32	1 5/32	2 9/32	4⅞	2 9/16	1.693	0.472			A-AR211-201D1	
2⅛	ARPL-2⅛														A-AR211-202D1	
2 3/16	ARPL-2 3/16														A-AR211-203D1	

Units	Shaft Dia.
Metric	–
Standard	½ - 3 in.



PILLOW BLOCKS – ECCENTRIC COLLAR TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B1	S				
½	UELP-½M	30.2	127	92.1	38	11.1	22.2	14	62	42	37.3	12.4	⅜	¼-28UNF	A-UEL201-008D1M	P201D1V50
9/16	UELP-9/16M	1 3/16	5	3 5/8	1 1/2	7/16	7/8	9/16	2 7/16	1 21/32	1.469	0.488			A-UEL202-009D1M	
⅝	UELP-⅝M														A-UEL202-010D1M	
11/16	UELP-11/16M														A-UEL203-011D1M	
¾	UELP-¾M	33.3	127	96.0	38	11.1	19.8	14	65	42	43.7	17.1	⅜	¼-28UNF	A-UEL204-012D1M	P204D1V50
		1 5/16	5	3 25/32	1 1/2	7/16	25/32	9/16	2 9/16	1 21/32	1.720	0.673				
13/16	UELP-13/16M	36.5	140	104.8	38	11.1	20.6	15	71	42	44.4	17.5	⅜	⅛-27NPT	A-UEL205-013D1M	P205D1V50
⅞	UELP-⅞M	1 7/16	5 1/2	4 1/8	1 1/2	7/16	13/16	19/32	2 25/32	1 21/32	1.748	0.689			A-UEL205-014D1M	
15/16	UELP-15/16M														A-UEL205-015D1M	
1	UELP-1M														A-UEL205-100D1M	
1 1/16	UELP-1 1/16M	42.9	165	117.5	48	14.3	23.8	17	83	54	48.4	18.3	½	⅛-27NPT	A-UEL206-101D1M	P206D1V50
1 1/8	UELP-1 1/8M	1 11/16	6 1/2	4 5/8	1 7/8	9/16	15/16	21/32	3 9/32	2 1/8	1.906	0.720			A-UEL206-102D1M	
1 3/16	UELP-1 3/16M														A-UEL206-103D1M	
1 1/4	UELP-1 1/4SM														A-UEL206-104D1M	
1 1/4	UELP-1 1/4M	47.6	167	130.2	48	14.3	24.6	18	93	54	51.1	18.8	½	⅛-27NPT	A-UEL207-104D1M	P207D1V50
1 5/16	UELP-1 5/16M	1 7/8	6 9/16	5 1/8	1 7/8	9/16	31/32	23/32	3 21/32	2 1/8	2.012	0.740			A-UEL207-105D1M	
1 3/8	UELP-1 3/8M														A-UEL207-106D1M	
1 7/16	UELP-1 7/16M														A-UEL207-107D1M	
1 1/2	UELP-1 1/2M	49.2	184	136.5	54	14.3	26.2	18	98	52	56.3	21.4	½	⅛-27NPT	A-UEL208-108D1M	P208D1V50
1 9/16	UELP-1 9/16M	1 15/16	7 1/4	5 3/8	2 1/8	9/16	1 1/32	23/32	3 27/32	2 1/16	2.217	0.843			A-UEL208-109D1M	
1 5/8	UELP-1 5/8M	54.0	190	149.2	54	14.3	28.6	20	106	60	56.3	21.4	½	⅛-27NPT	A-UEL209-110D1M	P209D1V50
1 11/16	UELP-1 11/16M	2 1/8	7 15/32	5 7/8	2 1/8	9/16	1 1/8	25/32	4 3/16	2 3/8	2.217	0.843			A-UEL209-111D1M	
1 3/4	UELP-1 3/4M														A-UEL209-112D1M	
1 13/16	UELP-1 13/16M	57.2	206	158.0	60	17.5	23.8	21	114	65	62.7	24.6	⅝	⅛-27NPT	A-UEL210-113D1M	P210D1V50
1 7/8	UELP-1 7/8M	2 1/4	8 1/8	6 7/32	2 3/8	11/16	15/16	13/16	4 1/2	2 9/16	2.469	0.969			A-UEL210-114D1M	
1 15/16	UELP-1 15/16M														A-UEL210-115D1M	
2	UELP-2SM														A-UEL210-200D1M	
2	UELP-2M	63.5	219	176.2	60	18.3	29.4	23	126	65	71.4	27.8	⅝	⅛-27NPT	A-UEL211-200D1M	P211D1V50
2 1/16	UELP-2 1/16M	2 1/2	8 5/8	6 15/16	2 3/8	23/32	1 5/32	29/32	4 31/32	2 9/16	2.811	1.094			A-UEL211-201D1M	
2 1/8	UELP-2 1/8M														A-UEL211-202D1M	
2 3/16	UELP-2 3/16M														A-UEL211-203D1M	
2 1/4	UELP-2 1/4M	69.8	241	188.1	70	18.3	29.4	25	138	70	77.8	31.0	⅝	⅛-27NPT	A-UEL212-204D1M	P212D1V50
2 5/16	UELP-2 5/16M	2 3/4	9 1/2	7 13/32	2 3/4	23/32	1 5/32	31/32	5 7/16	2 3/4	3.063	1.220			A-UEL212-205D1M	
2 3/8	UELP-2 3/8M														A-UEL212-206D1M	
2 7/16	UELP-2 7/16M														A-UEL212-207D1M	
2 1/2	UELP-2 1/2M	76.2	265	203.0	70	25.0	28.0	27	151	77	85.7	34.2	¾	⅛-27NPT	A-UEL213-208D1M	P213D1V50
2 9/16	UELP-2 9/16M	3	10 7/16	8	2 3/4	31/32	1 3/32	1 1/16	5 5/16	3 1/32	3.374	1.344			A-UEL213-209D1M	
2 5/8	UELP-2 5/8M	79.4	266	210.0	72	25.0	28.0	27	157	77	85.7	34.2	¾	⅛-27NPT	A-UEL214-210D1M	P214D1V50
2 11/16	UELP-2 11/16M	3 1/8	10 15/32	8 9/32	2 5/8	31/32	1 3/32	1 1/16	6 3/16	3 1/32	3.374	1.344			A-UEL214-211D1M	
2 3/4	UELP-2 3/4M														A-UEL214-212D1M	
2 13/16	UELP-2 13/16M	82.6	275	215.9	74	22.2	31.8	28	163	80	92.0	37.3	¾	⅛-27NPT	A-UEL215-213D1M	P215D1V50
2 7/8	UELP-2 7/8M	3 1/4	10 13/16	8 1/2	2 29/32	7/8	1 1/4	1 3/32	6 13/32	3 5/32	3.622	1.469			A-UEL215-214D1M	
2 15/16	UELP-2 15/16M														A-UEL215-215D1M	
3	UELP-3M														A-UEL215-300D1M	

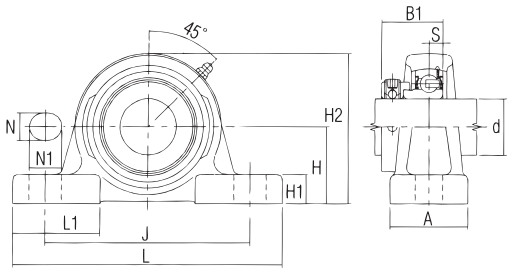


Units	Shaft Dia.
Metric	–
Standard	½ - 3 in.

PILLOW BLOCKS – ECCENTRIC COLLAR TYPE, BLACK OXIDE COATING, LOW BASE

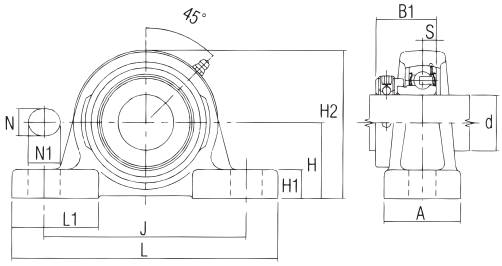
Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B1	S				
½	UELPL-½M														A-UEL201-008D1M	
9/16	UELPL-9/16M	27.0	121	92.1	34.9	11.1	22.2	13	54	40	37.3	12.4			A-UEL202-009D1M	
⅝	UELPL-⅝M	1 1/16	4¾	3⅝	1⅜	7/16	⅞	½	2⅛	1 9/16	1.469	0.488	⅜	¼-28UNF	A-UEL202-010D1M	PL201D1V50
11/16	UELPL-11/16M														A-UEL203-011D1M	
¾	UELPL-¾M	31.8 1¼	127 5	96.0 3 25/32	38.1 1½	11.1 7/16	19.8 25/32	14 9/16	64 2 17/32	42 1 21/32	43.7 1.720	17.1 0.673	⅜	¼-28UNF	A-UEL204-012D1M	PL204D1V50
13/16	UELPL-13/16M														A-UEL205-013D1M	
⅞	UELPL-⅞M	33.3	140	104.8	38.1	11.1	20.6	15	68	42	44.4	17.5			A-UEL205-014D1M	
15/16	UELPL-15/16M	1 5/16	5½	4⅛	1½	7/16	13/16	19/32	2 11/16	1 21/32	1.748	0.689	⅜	⅛-27NPT	A-UEL205-015D1M	PL205D1V50
1	UELPL-1M														A-UEL205-100D1M	
1 1/16	UELPL-1 1/16M														A-UEL206-101D1M	
1⅛	UELPL-1⅛M	39.7	165	117.5	47.6	14.3	23.8	17	80	54	48.4	18.3			A-UEL206-102D1M	
1 3/16	UELPL-1 3/16M	1 9/16	6½	4⅝	1⅞	9/16	15/16	21/32	3 5/32	2⅛	1.906	0.720	½	⅛-27NPT	A-UEL206-103D1M	PL206D1V50
1¼	UELPL-1¼SM														A-UEL206-104D1M	
1¼	UELPL-1¼M														A-UEL207-104D1M	
1 5/16	UELPL-1 5/16M	46.0	167	130.2	47.6	14.3	24.6	18	91	54	51.1	18.8			A-UEL207-105D1M	
1⅜	UELPL-1⅜M	1 13/16	6 9/16	5⅛	1⅞	9/16	31/32	23/32	3 19/32	2⅛	2.012	0.740	½	⅛-27NPT	A-UEL207-106D1M	PL207D1V50
1 7/16	UELPL-1 7/16M														A-UEL207-107D1M	
1½	UELPL-1½M	49.2	184	136.5	54.0	14.3	26.2	18	98	52	56.3	21.4			A-UEL208-108D1M	
1 9/16	UELPL-1 9/16M	1 15/16	7¼	5⅜	2⅛	9/16	1 1/32	23/32	3 27/32	2 1/16	2.217	0.843	½	⅛-27NPT	A-UEL208-109D1M	P208D1V50
1⅝	UELPL-1⅝M														A-UEL209-110D1M	
1 11/16	UELPL-1 11/16M	54.0	190	149.2	54.0	14.3	28.6	20	104	60	56.3	21.4			A-UEL209-111D1M	
1¾	UELPL-1¾M	2⅛	7 15/32	5⅞	2⅛	9/16	1⅛	25/32	4 3/32	2⅜	2.217	0.843	½	⅛-27NPT	A-UEL209-112D1M	PL209D1V50
1 13/16	UELPL-1 13/16M														A-UEL210-113D1M	
1⅞	UELPL-1⅞M	55.6	206	158.0	60.3	17.5	23.8	21	112	65	62.7	24.6			A-UEL210-114D1M	
1 15/16	UELPL-1 15/16M	2 3/16	8⅛	6 7/32	2⅜	11/16	15/16	13/16	4 13/32	2 9/16	2.469	0.969	⅝	⅛-27NPT	A-UEL210-115D1M	PL210D1V50
2	UELPL-2SM														A-UEL210-200D1M	
2	UELPL-2M														A-UEL211-200D1M	
2 1/16	UELPL-2 1/16M	61.9	219	176.2	60.0	18.3	29.4	23	124	65	71.4	27.8			A-UEL211-201D1M	
2⅛	UELPL-2⅛M	2 7/16	8⅝	6 15/16	2⅜	23/32	1 5/32	29/32	4⅞	2 9/16	2.811	1.094	⅝	⅛-27NPT	A-UEL211-202D1M	PL211D1V50
2 3/16	UELPL-2 3/16M														A-UEL211-203D1M	
2¼	UELPL-2¼M														A-UEL212-204D1M	
2 5/16	UELPL-2 5/16M	68.3	241	188.1	69.9	17.5	29.4	25	136	70	77.8	31.0			A-UEL212-205D1M	
2⅜	UELPL-2⅜M	2 11/16	9½	7 13/32	2¾	11/16	1 5/32	31/32	5 11/32	2¾	3.063	1.220	⅝	⅛-27NPT	A-UEL212-206D1M	PL212D1V50
2 7/16	UELPL-2 7/16M														A-UEL212-207D1M	
2½	UELPL-2½M	76.2	265	203.2	70.0	25.0	28.0	27	151	77	85.7	34.1			A-UEL213-208D1M	
2 9/16	UELPL-2 9/16M	3	10 15/32	8	2¾	31/32	1 3/32	1 1/16	5 15/16	3 1/32	3.374	1.344	¾	¼-27NPT	A-UEL213-209D1M	PL213D1V50
2⅝	UELPL-2⅝M														A-UEL214-210D1M	
2 11/16	UELPL-2 11/16M	76.2	266	203.2	72.2	20.6	34.9	27	154	77	85.7	34.1			A-UEL214-211D1M	
2¾	UELPL-2¾M	3	10 15/32	8	2 27/32	13/16	1⅜	1 1/16	6 1/16	3 1/32	3.374	1.344	¾	⅛-27NPT	A-UEL214-212D1M	PL214D1V50
2 13/16	UELPL-2 13/16M														A-UEL215-213D1M	
2⅞	UELPL-2⅞M	84.1	305	241.3	73.8	22.2	31.8	28	165	80	92.0	37.3			A-UEL215-214D1M	
2 15/16	UELPL-2 15/16M	3 5/16	12	9½	2 29/32	⅞	1¼	1 3/32	6½	3 5/32	3.622	1.469	¾	⅛-27NPT	A-UEL215-215D1M	PL215D1V50
3	UELPL-3M														A-UEL215-300D1M	

Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.



PILLOW BLOCKS – ECCENTRIC COLLAR TYPE, NARROW INNER RING, CAST HOUSING

Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B1	S				
½	JELP-½	30.2	127	92.1	38.1	11.1	22.2	14	61.9	42	28.6	6.5	⅜	¼-28UNF	A-JEL201-008D1	PL201D1V50
9/16	JELP-9/16	1 3/16	5	3 5/8	1½	7/16	⅞	9/16	2 7/16	1 21/32	1.126	0.256			A-JEL202-009D1	
⅝	JELP-⅝														A-JEL202-010D1	
11/16	JELP-11/16														A-JEL203-011D1	
¾	JELP-¾	33.3	127	96.0	38.1	11.1	19.8	14	65.1	42	31.0	7.5	⅜	¼-28UNF	A-JEL204-012D1	PL204D1V50
13/16	JELP-13/16	1 5/16	5	3 25/32	1½	7/16	25/32	9/16	2 9/16	1 21/32	1.220	0.295				
⅞	JELP-⅞	36.5	140	104.8	38.1	11.1	20.6	15	70.6	42	31.0	7.5	⅜	⅛-27NPT	A-JEL205-013D1	PL205D1V50
15/16	JELP-15/16	1 7/16	5½	4⅛	1½	7/16	13/16	19/32	2 25/32	1 21/32	1.220	0.295			A-JEL205-014D1	
1	JELP-1														A-JEL205-015D1	
1 1/16	JELP-1 1/16	42.9	165	117.5	47.6	14.3	23.8	17	83.3	54	35.7	9	½	⅛-27NPT	A-JEL205-100D1	
1⅛	JELP-1⅛	1 11/16	6½	4⅝	1⅞	9/16	15/16	21/32	3 3/32	2⅛	1.406	0.354			A-JEL206-101D1	PL206D1V50
1 3/16	JELP-1 3/16														A-JEL206-102D1	
1¼	JELP-1¼S														A-JEL206-103D1	
1¼	JELP-1¼	47.6	167	130.2	47.6	14.3	24.6	18	92.9	54	38.9	9.5	½	⅛-27NPT	A-JEL206-104D1	
1 5/16	JELP-1 5/16	1⅞	6 9/16	5⅛	1⅞	9/16	31/32	23/32	3 21/32	2⅛	1.531	0.374			A-JEL207-104D1	PL207D1V50
1⅜	JELP-1⅜														A-JEL207-105D1	
1 7/16	JELP-1 7/16														A-JEL207-106D1	
1½	JELP-1½	49.2	184	136.5	54.0	14.3	26.2	18	98.0	52	43.7	11	½	⅛-27NPT	A-JEL207-107D1	
1 9/16	JELP-1 9/16	1 15/16	7¼	5⅜	2⅛	9/16	1 1/32	23/32	3 27/32	2 1/16	1.720	0.433			A-JEL208-108D1	PL208D1V50
1⅝	JELP-1⅝	54.0	190	149.2	54.0	14.3	28.6	20	106.4	60	43.7	11	½	⅛-27NPT	A-JEL208-109D1	
1 11/16	JELP-1 11/16	2⅛	7 15/32	5⅞	2⅛	9/16	1⅛	25/32	4 3/16	2⅜	1.720	0.433			A-JEL209-110D1	PL209D1V50
1¾	JELP-1¾														A-JEL209-111D1	
1 13/16	JELP-1 13/16														A-JEL209-112D1	
1⅞	JELP-1⅞	57.2	206	158.0	60.3	17.5	23.8	21	114.3	65	43.7	11	⅝	⅛-27NPT	A-JEL210-113D1	PL210D1V50
1 15/16	JELP-1 15/16	2¼	8⅛	6 7/32	2⅜	11/16	15/16	13/16	4½	2 9/16	1.720	0.433			A-JEL210-114D1	
2	JELP-2S														A-JEL210-115D1	
2	JELP-2	63.5	219	176.2	60.3	18.3	29.4	23	126.2	65	48.4	12	⅝	⅛-27NPT	A-JEL210-200D1	
2 1/16	JELP-2 1/16	2½	8⅝	6 15/16	2⅜	23/32	1 5/32	29/32	4 31/32	2 9/16	1.906	0.472			A-JEL211-200D1	PL211D1V50
2⅛	JELP-2⅛														A-JEL211-201D1	
2 3/16	JELP-2 3/16														A-JEL211-202D1	
															A-JEL211-203D1	

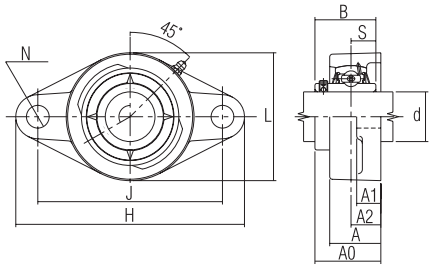


Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.

PILLOW BLOCKS – ECCENTRIC COLLAR, NARROW INNER RING, CAST HOUSING, LOW BASE

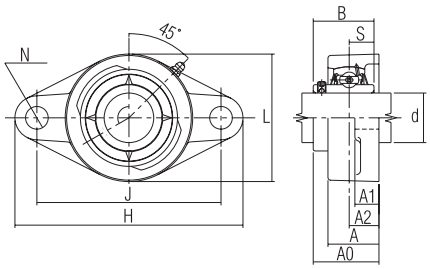
Shaft Dia. d	Part Number	Nominal Dimensions											Bolt Size	Lube Hole of Housing	Insert Number	Housing Number
		H	L	J	A	N	N1	H1	H2	L1	B1	S				
½	JELPL-½	27.0	121	92.1	34.9	11.1	22.2	13	54	40	28.6	6.5	⅜	¼-28UNF	A-JEL201-008D1	PL201D1V50
9/16	JELPL-9/16	1 1/16	4 3/4	3 5/8	1 3/8	7/16	7/8	1/2	2 1/8	1 9/16	1.126	0.256			A-JEL202-009D1	
5/8	JELPL-5/8														A-JEL202-010D1	
11/16	JELPL-11/16														A-JEL203-011D1	
¾	JELPL-¾	31.7	127	96.0	38.1	11.1	19.8	14	64	42	31.0	7.5	⅜	¼-28UNF	A-JEL204-012D1	PL204D1V50
		1 1/4	5	3 25/32	1 1/2	7/16	25/32	9/16	2 17/32	1 21/32	1.220	0.295				
13/16	JELPL-13/16	33.3	140	104.8	38.1	11.1	20.6	15	68	42	31.0	7.5	⅜	⅛-27NPT	A-JEL205-013D1	PL205D1V50
7/8	JELPL-7/8	1 5/16	5 1/2	4 1/8	1 1/2	7/16	13/16	19/32	2 11/16	1 21/32	1.220	0.295			A-JEL205-014D1	
15/16	JELPL-15/16														A-JEL205-015D1	
1	JELPL-1														A-JEL205-100D1	
1 1/16	JELPL-1 1/16	39.7	165	117.5	47.6	14.3	23.8	17	80	54	35.7	9	½	⅛-27NPT	A-JEL206-101D1	PL206D1V50
1 1/8	JELPL-1 1/8	1 9/16	6 1/2	4 5/8	1 7/8	9/16	15/16	21/32	3 3/32	2 1/8	1.406	0.354			A-JEL206-102D1	
1 3/16	JELPL-1 3/16														A-JEL206-103D1	
1 1/4	JELPL-1 1/4S														A-JEL206-104D1	
1 1/4	JELPL-1 1/4	46.0	167	130.2	47.6	14.3	24.6	18	91	54	38.9	9.5	½	⅛-27NPT	A-JEL207-104D1	PL207D1V50
1 5/16	JELPL-1 5/16	1 13/16	6 9/16	5 1/8	1 7/8	9/16	31/32	23/32	3 19/32	2 1/8	1.531	0.374			A-JEL207-105D1	
1 3/8	JELPL-1 3/8														A-JEL207-106D1	
1 7/16	JELPL-1 7/16														A-JEL207-107D1	
1 1/2	JELPL-1 1/2	49.2	184	136.5	54.0	14.3	26.2	18	98	52	43.7	9.5	½	⅛-27NPT	A-JEL208-108D1	P208D1V50
1 9/16	JELPL-1 9/16	1 15/16	7 1/4	5 3/8	2 1/8	9/16	1 1/32	23/32	3 27/32	2 1/16	1.720	0.374			A-JEL208-109D1	
1 5/8	JELPL-1 5/8	52.4	190	149.2	54.0	14.3	28.6	20	104	60	43.7	11	½	⅛-27NPT	A-JEL209-110D1	PL209D1V50
1 11/16	JELPL-1 11/16	2 1/16	7 15/32	5 7/8	2 1/8	9/16	1 1/8	25/32	4 3/32	2 3/8	1.720	0.433			A-JEL209-111D1	
1 3/4	JELPL-1 3/4														A-JEL209-112D1	
1 13/16	JELPL-1 13/16	55.6	206	158.0	60.3	17.5	23.8	21	112	65	43.7	11	⅝	⅛-27NPT	A-JEL210-113D1	PL210D1V50
1 7/8	JELPL-1 7/8	2 3/16	8 1/8	6 7/32	2 3/8	11/16	15/16	13/16	4 13/32	2 9/16	1.720	0.433			A-JEL210-114D1	
1 15/16	JELPL-1 15/16														A-JEL210-115D1	
2	JELPL-2S														A-JEL210-200D1	
2	JELPL-2	61.9	219	176.2	60.3	18.3	29.4	23	124	65	48.4	12	⅝	⅛-27NPT	A-JEL211-200D1	PL211D1V50
2 1/16	JELPL-2 1/16	2 7/16	8 5/8	6 15/16	2 3/8	23/32	1 5/32	29/32	4 7/8	2 9/16	1.906	0.472			A-JEL211-201D1	
2 1/8	JELPL-2 1/8														A-JEL211-202D1	
2 3/16	JELPL-2 3/16														A-JEL211-203D1	

Units	Shaft Dia.
Metric	20 - 55 mm
Standard	½ - 2 3/16 in.



2 BOLT FLANGED – SET SCREW TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions										Lube Hole of Housing	Insert Number	Housing Number
		H	J	A2	A1	A	N	L	A0	B	S			
½	UCFLU-½M												A-UC201X-008D1M	
9/16	UCFLU-9/16M	98	76	17	13	28	9.9	61	32.9	27.4	11.5	¼-28UNF	A-UC202X-009D1M	FLU201D1V50
⅝	UCFLU-⅝M	3 27/32	3	21/32	33/64	1 7/64	25/64	2 13/32	1 19/64	1.079	0.453		A-UC202X-010D1M	
11/16	UCFLU-11/16M												A-UC203X-011D1M	
20	UCFLU-20M	113	90	19	15	29.5	10.7	61	37.3	31.0	12.7	¼-28UNF	A-UC204D1M	FLU204D1V50
¾	UCFLU-¾M	4 7/16	3 17/32	¾	19/32	1 5/32	27/64	2 13/32	1 15/32	1.220	0.500		A-UC204-012D1M	
25	UCFLU-25M	125	99	19	15	30	11.9	70	38.9	34.1	14.3		A-UC205D1M	
13/16	UCFLU-13/16M												A-UC205-013D1M	
⅞	UCFLU-⅞M	4 29/32	3 57/64	¾	19/32	1 3/16	15/32	2¾	1 17/32	1.343	0.563	⅛-27NPT	A-UC205-014D1M	FLU205D1V50
15/16	UCFLU-15/16M												A-UC205-015D1M	
1	UCFLU-1M												A-UC205-100D1M	
30	UCFLU-30M	142	116.5	20	16	33	11.5	83	42.1	38.1	15.9		A-UC206D1M	
1 1/16	UCFLU-1 1/16M												A-UC206-101D1M	
1⅛	UCFLU-1⅛M	5 19/32	4 19/32	25/32	⅝	1 5/16	29/64	3 3/32	1 21/32	1.500	0.626	⅛-27NPT	A-UC206-102D1M	FLU206D1V50
1 3/16	UCFLU-1 3/16M												A-UC206-103D1M	
1¼	UCFLU-1¼SM												A-UC206-104D1M	
35	UCFLU-35M	156	130	21	17	36	13.1	96	46.4	42.9	17.5		A-UC207D1M	
1¼	UCFLU-1¼M												A-UC207-104D1M	
1 5/16	UCFLU-1 5/16M	6 5/32	5⅛	53/64	21/32	1 13/32	33/64	3 25/32	1 53/64	1.689	0.689	⅛-27NPT	A-UC207-105D1M	FLU207D1V50
1⅜	UCFLU-1⅜M												A-UC207-106D1M	
1 7/16	UCFLU-1 7/16M												A-UC207-107D1M	
40	UCFLU-40M	172	143.5	24	17	39	13.1	105	54.4	49.2	19.0		A-UC208D1M	
1½	UCFLU-1½M	6 25/32	5 21/32	15/16	21/32	1 13/32	33/64	4⅛	2 9/64	1.937	0.748	⅛-27NPT	A-UC208-108D1M	FLU208D1V50
1 9/16	UCFLU-1 9/16M												A-UC208-109D1M	
45	UCFLU-45M	183	148.5	24	18	40	13.1	111	54.4	49.2	19.0		A-UC209D1M	
1⅝	UCFLU-1⅝M												A-UC209-110D1M	
1 11/16	UCFLU-1 11/16M	7 3/32	5 27/32	15/16	23/32	1 9/16	33/64	4⅜	2 9/64	1.937	0.748	⅛-27NPT	A-UC209-111D1M	FLU209D1V50
1¾	UCFLU-1¾M												A-UC209-112D1M	
50	UCFLU-50M	190	157	28	20	46	17.1	116	60.7	51.6	19.0		A-UC210D1M	
1 13/16	UCFLU-1 13/16M												A-UC210-113D1M	
1⅞	UCFLU-1⅞M	7 15/32	6 3/16	1 7/64	25/32	1 13/16	43/64	4 9/16	2 25/64	2.032	0.748	⅛-27NPT	A-UC210-114D1M	FLU209D1V50
1 15/16	UCFLU-1 15/16M												A-UC210-115D1M	
2	UCFLU-2SM												A-UC210-200D1M	
55	UCFLU-55M	217	184	31	20.5	49	17.1	134	64.3	55.6	22.2		A-UC211D1M	
2	UCFLU-2M												A-UC211-200D1M	
2 1/16	UCFLU-2 1/16M	8 17/32	7¼	1 3/32	13/16	1 15/16	43/64	5 5/32	2 17/32	2.189	0.874	⅛-27NPT	A-UC211-201D1M	FLU211D1V50
2⅛	UCFLU-2⅛M												A-UC211-202D1M	
2 3/16	UCFLU-2 3/16M												A-UC211-203D1M	

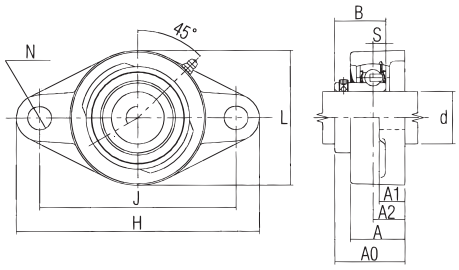


Units	Shaft Dia.
Metric	–
Standard	13/16 - 2 in.

2 BOLT FLANGED – SET SCREW TYPE, MEDIUM DUTY, BLACK OXIDE COATING

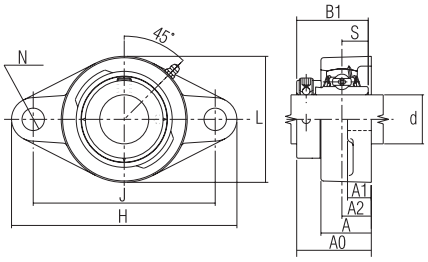
Shaft Dia. d	Part Number	Nominal Dimensions										Lube Hole of Housing	Insert Number	Housing Number
		H	J	A2	A1	A	N	L	A0	B	S			
13/16	**UCFLUX-13/16M**	142 5 19/32	116.5 4 19/32	20 25/32	16 5/8	33 1 5/16	11.5 29/64	83 3 3/32	42.1 1 21/32	38.1 1.500	15.9 0.626	1/8-27NPT	**A-UCX05-013D1M**	FLU206D1V50
7/8	**UCFLUX-7/8M**												**A-UCX05-014D1M**	
15/16	**UCFLUX-15/16M**												**A-UCX05-015D1M**	
1	**UCFLUX-1M**												**A-UCX05-100D1M**	
1 1/16	**UCFLUX-1 1/16M**	156 6 5/32	130 5 1/8	21 53/64	17 21/32	36 1 13/32	13.1 33/64	96 3 25/32	46.4 1 53/64	42.9 1.689	17.5 0.689	1/8-27NPT	**A-UCX06-101D1M**	FLU207D1V50
1 1/8	**UCFLUX-1 1/8M**												**A-UCX06-102D1M**	
1 3/16	**UCFLUX-1 3/16M**												**A-UCX06-103D1M**	
1 1/4	**UCFLUX-1 1/4M**												**A-UCX07-104D1M**	
1 5/16	**UCFLUX-1 5/16M**	172 6 25/32	143.5 5 21/32	24 15/16	17 21/32	39 1 13/32	13.1 33/64	105 4 1/8	54.4 2 9/64	49.2 1.937	19.0 0.748	1/8-27NPT	**A-UCX07-105D1M**	FLU208D1V50
1 3/8	**UCFLUX-1 3/8M**												**A-UCX07-106D1M**	
1 7/16	**UCFLUX-1 7/16M**												**A-UCX07-107D1M**	
1 1/2	**UCFLUX-1 1/2M**	183 7 3/32	148.5 5 27/32	24 15/16	18 23/32	40 1 9/16	13.1 33/64	111 4 3/8	54.4 2 9/64	49.2 1.937	19.0 0.748	1/8-27NPT	**A-UCX08-108D1M**	FLU209D1V50
1 9/16	**UCFLUX-1 9/16M**												**A-UCX08-109D1M**	
1 5/8	**UCFLUX-1 5/8M**	190 7 15/32	157 6 3/16	28 1 7/64	20 25/32	46 1 13/16	17.1 43/64	116 4 9/16	60.7 2 25/64	51.6 2.032	19.0 0.748	1/8-27NPT	**A-UCX09-110D1M**	FLU210D1V50
1 11/16	**UCFLUX-1 11/16M**												**A-UCX09-111D1M**	
1 3/4	**UCFLUX-1 3/4M**												**A-UCX09-112D1M**	
1 13/16	**UCFLUX-1 13/16M**												**A-UCX10-113D1M**	
1 7/8	**UCFLUX-1 7/8M**	217 8 17/32	184 7 1/4	31 1 7/32	20.5 13/16	49 1 15/16	17.1 43/64	134 5 3/32	64.3 2 17/32	55.6 2.189	22.2 0.874	1/8-27NPT	**A-UCX10-114D1M**	FLU211D1V50
1 15/16	**UCFLUX-1 15/16M**												**A-UCX10-115D1M**	
2	**UCFLUX-2M**												**A-UCX11-200D1M**	

Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.



2 BOLT FLANGED – SET SCREW TYPE, NARROW INNER RING, CAST HOUSING

Shaft Dia. d	Part Number	Nominal Dimensions										Lube Hole of Housing	Insert Number	Housing Number
		H	J	A2	A1	A	N	L	A0	B1	S			
1/2	ARFLU-1/2												A-AR201-008D1	
9/16	ARFLU-9/16	98	76	17	13	28	9.9	61	32.9	22.5	6.5		A-AR202-009D1	
5/8	ARFLU-5/8	3 27/32	3	21/32	33/64	1 7/64	25/64	2 13/32	1 19/64	0.886	0.256	1/4-28UNF	A-AR202-010D1	FLU201D1V50
11/16	ARFLU-11/16												A-AR203-011D1	
3/4	ARFLU-3/4	113 4 7/16	90 3 17/32	19 3/4	15 19/32	29.5 1 5/32	10.7 27/64	61 2 13/32	36.9 1 29/64	25.5 1.004	7.5 0.295	1/4-28UNF	A-AR204-012D1	FLU204D1V50
13/16	ARFLU-13/16												A-AR205-013D1	
7/8	ARFLU-7/8	125	99	19	15	30	11.9	70	38.5	27.0	7.5		A-AR205-014D1	
15/16	ARFLU-15/16	4 29/32	3 57/64	3/4	19/32	1 3/16	15/32	2 3/4	1 33/64	1.063	0.295	1/8-27NPT	A-AR205-015D1	FLU205D1V50
1	ARFLU-1												A-AR205-100D1	
1 1/16	ARFLU-1 1/16												A-AR206-101D1	
1 1/8	ARFLU-1 1/8	142	116.5	20	16	33	11.5	83	40.9	30.0	9		A-AR206-102D1	
1 3/16	ARFLU-1 3/16	5 19/32	4 19/32	25/32	5/8	1 5/16	29/64	3 9/32	1 39/64	1.181	0.354	1/8-27NPT	A-AR206-103D1	FLU206D1V50
1 1/4	ARFLU-1 1/4S												A-AR206-104D1	
1 1/4	ARFLU-1 1/4												A-AR207-104D1	
1 5/16	ARFLU-1 5/16	156	130	21	17	36	13.1	96	46.4	35.0	9.5		A-AR207-105D1	
1 3/8	ARFLU-1 3/8	6 5/32	5 1/8	53/64	21/32	1 13/32	33/64	3 25/32	1 53/64	1.378	0.374	1/8-27NPT	A-AR207-106D1	FLU207D1V50
1 7/16	ARFLU-1 7/16												A-AR207-107D1	
1 1/2	ARFLU-1 1/2	172	143.5	24	17	39	13.1	105	53.2	40.0	11		A-AR208-108D1	
1 9/16	ARFLU-1 9/16	6 25/32	5 21/32	15/16	21/32	1 17/32	33/64	4 1/8	2 3/32	1.575	0.433	1/8-27NPT	A-AR208-109D1	FLU208D1V50
1 5/8	ARFLU-1 5/8												A-AR209-110D1	
1 11/16	ARFLU-1 11/16	183	148.5	24	18	40	13.1	111	54.4	41.5	11		A-AR209-111D1	
1 3/4	ARFLU-1 3/4	7 3/32	5 27/32	15/16	23/32	1 9/16	33/64	4 3/8	2 9/64	1.634	0.433	1/8-27NPT	A-AR209-112D1	FLU209D1V50
1 13/16	ARFLU-1 13/16												A-AR210-113D1	
1 7/8	ARFLU-1 7/8	190	157	28	20	46	17.1	116	59.9	43.0	11		A-AR210-114D1	
1 15/16	ARFLU-1 15/16	7 15/32	6 3/16	1 7/64	25/32	1 13/16	43/64	4 9/16	2 23/64	1.693	0.433	1/8-27NPT	A-AR210-115D1	FLU210D1V50
2	ARFLU-2S												A-AR210-200D1	
2	ARFLU-2												A-AR211-200D1	
2 1/16	ARFLU-2 1/16	217	184	31	20.5	49	17.1	134	61.9	43.0	12		A-AR211-201D1	
2 1/8	ARFLU-2 1/8	8 17/32	7 1/4	1 7/32	13/16	1 15/16	43/64	5 9/32	2 7/16	1.693	0.472	1/8-27NPT	A-AR211-202D1	FLU211D1V50
2 3/16	ARFLU-2 3/16												A-AR211-203D1	

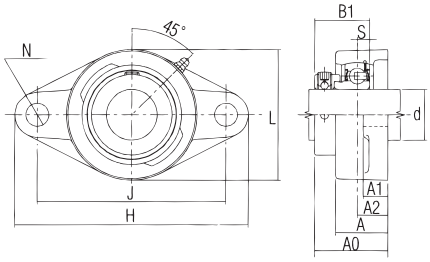


Units	Shaft Dia.
Metric	–
Standard	½ - 2 3⁄16 in.

2 BOLT FLANGED – ECCENTRIC COLLAR TYPE, BLACK OXIDE COATING

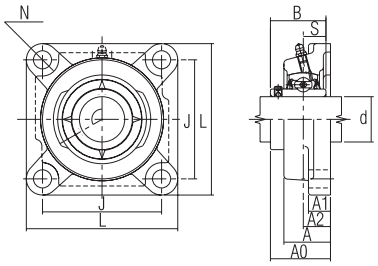
Shaft Dia. d	Part Number	Nominal Dimensions										Lube Hole of Housing	Insert Number	Housing Number
		H	J	A2	A1	A	N	L	A0	B1	S			
½	UELFLU-½M												A-UEL201-008D1M	
9⁄16	UELFLU-9⁄16M	98	76	17	13	28	9.9	61	42.0	37.3	12.4		A-UEL202-009D1M	
5⁄8	UELFLU-5⁄8M	3 27⁄32	3	21⁄32	33⁄64	1 7⁄64	25⁄64	2 13⁄32	1 21⁄32	1.469	0.488	¼-28UNF	A-UEL202-010D1M	FLU201D1V50
11⁄16	UELFLU-11⁄16M												A-UEL203-011D1M	
¾	UELFLU-¾M	113 4 7⁄16	90 3 17⁄32	19 ¾	15 19⁄32	29.5 1 5⁄32	10.7 27⁄64	61 2 13⁄32	45.6 1 51⁄64	43.7 1.720	17.1 0.673	¼-28UNF	A-UEL204-012D1M	FLU204D1V50
13⁄16	UELFLU-13⁄16M												A-UEL205-013D1M	
7⁄8	UELFLU-7⁄8M	125	99	19	15	30	11.9	70	45.9	44.4	17.5		A-UEL205-014D1M	
15⁄16	UELFLU-15⁄16M	4 29⁄32	3 57⁄64	¾	19⁄32	1 3⁄16	15⁄32	2¾	1 13⁄16	1.748	0.689	⅛-27NPT	A-UEL205-015D1M	FLU205D1V50
1	UELFLU-1M												A-UEL205-100D1M	
1 1⁄16	UELFLU-1 1⁄16M												A-UEL206-101D1M	
1⅛	UELFLU-1⅛M	142	116.5	20	16	33	11.5	83	50.1	48.4	18.3		A-UEL206-102D1M	
1 3⁄16	UELFLU-1 3⁄16M	5 19⁄32	4 19⁄32	25⁄32	⅝	1 5⁄16	29⁄64	3 3⁄32	1 31⁄32	1.906	0.720	⅛-27NPT	A-UEL206-103D1M	FLU206D1V50
1¼	UELFLU-1¼SM												A-UEL206-104D1M	
1¼	UELFLU-1¼M												A-UEL207-104D1M	
1 5⁄16	UELFLU-1 5⁄16M	156	130	21	17	36	13.1	96	53.3	51.1	18.8		A-UEL207-105D1M	
1⅜	UELFLU-1⅜M	6 5⁄32	5⅛	53⁄64	21⁄32	1 13⁄32	33⁄64	3 25⁄32	2 3⁄32	2.012	0.740	⅛-27NPT	A-UEL207-106D1M	FLU207D1V50
1 7⁄16	UELFLU-1 7⁄16M												A-UEL207-107D1M	
1½	UELFLU-1½M	172	143.5	24	17	39	13.1	105	58.9	56.3	21.4		A-UEL208-108D1M	
1 9⁄16	UELFLU-1 9⁄16M	6 25⁄32	5 21⁄32	15⁄16	21⁄32	1 13⁄32	33⁄64	4⅛	2 5⁄16	2.217	0.843	⅛-27NPT	A-UEL208-109D1M	FLU208D1V50
1 5⁄8	UELFLU-1 5⁄8M												A-UEL208-110D1M	
1 11⁄16	UELFLU-1 11⁄16M	183	148.5	24	18	40	13.1	111	58.9	56.3	21.4		A-UEL209-111D1M	
1¾	UELFLU-1¾M	7 3⁄32	5 27⁄32	15⁄16	23⁄32	1 9⁄16	33⁄64	4⅜	2 5⁄16	2.217	0.843	⅛-27NPT	A-UEL209-112D1M	FLU209D1V50
1 13⁄16	UELFLU-1 13⁄16M												A-UEL210-113D1M	
1⅞	UELFLU-1⅞M	190	157	28	20	46	17.1	116	66.1	62.7	24.6		A-UEL210-114D1M	
1 15⁄16	UELFLU-1 15⁄16M	7 15⁄32	6 3⁄16	1 7⁄64	25⁄32	1 13⁄16	43⁄64	4 9⁄16	2 39⁄64	2.469	0.969	⅛-27NPT	A-UEL210-115D1M	FLU209D1V50
2	UELFLU-2SM												A-UEL210-200D1M	
2	UELFLU-2M												A-UEL211-200D1M	
2 1⁄16	UELFLU-2 1⁄16M	217	184	31	20.5	49	17.1	134	64.3	55.6	22.2		A-UEL211-201D1M	
2⅛	UELFLU-2⅛M	8 17⁄32	7¼	1 7⁄32	13⁄16	1 15⁄16	43⁄64	5 3⁄32	2 17⁄32	2.189	0.874	⅛-27NPT	A-UEL211-202D1M	FLU211D1V50
2 3⁄16	UELFLU-2 3⁄16M												A-UEL211-203D1M	

Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.



2 BOLT FLANGED – ECCENTRIC COLLAR TYPE, NARROW INNER RING, CAST HOUSING

Shaft Dia. d	Part Number	Nominal Dimensions										Lube Hole of Housing	Insert Number	Housing Number
		H	J	A2	A1	A	N	L	A0	B1	S			
½	JELFLU-½	98 3 27/32	76 3	17 21/32	13 33/64	28 1 7/64	9.9 25/64	61 2 13/32	39.3 1 35/64	28.6 1.126	6.5 0.256	¼-28UNF	A-JEL201-008D1	FLU201D1V50
9/16	JELFLU-9/16												A-JEL202-009D1	
5/8	JELFLU-5/8												A-JEL202-010D1	
11/16	JELFLU-11/16												A-JEL203-011D1	
¾	JELFLU-¾	113 4 7/16	90 3 17/32	19 ¾	15 19/32	29.5 1 5/32	10.7 27/64	61 2 13/32	42.5 1 43/64	31.0 1.220	7.5 0.295	¼-28UNF	A-JEL204-012D1	FLU204D1V50
13/16	JELFLU-13/16	125 4 29/32	99 3 57/64	19 ¾	15 19/32	30 1 3/16	11.9 15/32	70 2¾	42.5 1 43/64	31.0 1.220	7.5 0.295	⅛-27NPT	A-JEL205-013D1	FLU205D1V50
⅞	JELFLU-⅞												A-JEL205-014D1	
15/16	JELFLU-15/16												A-JEL205-015D1	
1	JELFLU-1												A-JEL205-100D1	
1 1/16	JELFLU-1 1/16	142 5 19/32	116.5 4 19/32	20 25/32	16 ⅝	33 1 5/16	11.5 29/64	83 3 9/32	46.8 1 27/32	35.7 1.406	9 0.354	⅛-27NPT	A-JEL206-101D1	FLU206D1V50
1⅛	JELFLU-1⅛												A-JEL206-102D1	
1 3/16	JELFLU-1 3/16												A-JEL206-103D1	
1¼	JELFLU-1¼S												A-JEL206-104D1	
1¼	JELFLU-1¼	156 6 5/32	130 5⅛	21 53/64	17 21/32	36 1 13/32	13.1 33/64	96 3 25/32	50.4 1 63/64	38.9 1.531	9.5 0.374	⅛-27NPT	A-JEL207-104D1	FLU207D1V50
1 5/16	JELFLU-1 5/16												A-JEL207-105D1	
1⅜	JELFLU-1⅜												A-JEL207-106D1	
1 7/16	JELFLU-1 7/16												A-JEL207-107D1	
1½	JELFLU-1½	172 6 25/32	143.5 5 21/32	24 15/16	17 21/32	39 1 17/32	13.1 33/64	105 4⅛	56.8 2 15/64	43.7 1.720	11 0.433	⅛-27NPT	A-JEL208-108D1	FLU208D1V50
1 9/16	JELFLU-1 9/16												A-JEL208-109D1	
1⅝	JELFLU-1⅝	183 7 3/32	148.5 5 27/32	24 15/16	18 23/32	40 1 9/16	13.1 33/64	111 4⅜	56.8 2 15/64	43.7 1.720	11 0.433	⅛-27NPT	A-JEL209-110D1	FLU209D1V50
1 11/16	JELFLU-1 11/16												A-JEL209-111D1	
1¾	JELFLU-1¾												A-JEL209-112D1	
1 13/16	JELFLU-1 13/16	190 7 15/32	157 6 3/16	28 1 7/64	20 25/32	46 1 13/16	17.1 43/64	116 4 9/16	60.7 2 25/64	43.7 1.720	11 0.433	⅛-27NPT	A-JEL210-113D1	FLU210D1V50
1⅞	JELFLU-1⅞												A-JEL210-114D1	
1 15/16	JELFLU-1 15/16												A-JEL210-115D1	
2	JELFLU-2S												A-JEL210-200D1	
2	JELFLU-2	217 8 17/32	184 7¼	31 1 7/32	20.5 13/16	49 1 15/16	17.1 43/64	134 5 9/32	67.5 2 21/32	48.4 1.906	12 0.472	⅛-27NPT	A-JEL211-200D1	FLU211D1V50
2 1/16	JELFLU-2 1/16												A-JEL211-201D1	
2⅛	JELFLU-2⅛												A-JEL211-202D1	
2 3/16	JELFLU-2 3/16												A-JEL211-203D1	

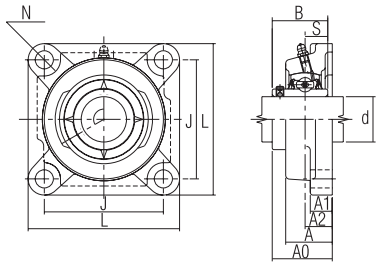


Units	Shaft Dia.
Metric	20 - 45 mm
Standard	½ - 1¾ in.

4 BOLT FLANGED – SET SCREW TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions									Lube Hole of Housing	Insert Number	Housing Number
		L	J	A2	A1	A	N	A0	B	S			
½	UCFU-½M											A-UC201X-008D1M	
9/16	UCFU-9/16M	76	54	17	13	28	10.7	32.9	27.4	11.5		A-UC202X-009D1M	
5/8	UCFU-5/8M	3	2 1/8	21/32	½	1 7/64	27/64	1 19/64	1.079	0.453	¼-28UNF	A-UC202X-010D1M	FU201D1V50
11/16	UCFU-11/16M											A-UC203X-011D1M	
20	UCFU-20M	86	63.5	19	15	29.5	10.7	37.3	31	12.7		A-UC204D1M	
¾	UCFU-¾M	3 3/8	2½	¾	19/32	1 5/32	27/64	1 15/32	1.221	0.500	¼-28UNF	A-UC204-012D1M	FU204D1V50
25	UCFU-25M	96	70	19	15	30	11.5	38.9	34.1	14.3		A-UC205D1M	
13/16	UCFU-13/16M											A-UC205-013D1M	
7/8	UCFU-7/8M											A-UC205-014D1M	
15/16	UCFU-15/16M	3 25/32	2¾	¾	19/32	1 3/16	29/64	1 17/32	1.343	0.563	⅛-27NPT	A-UC205-015D1M	FU205D1V50
1	UCFU-1M											A-UC205-100D1M	
30	UCFU-30M	109	82.5	20	16	33	11.5	42.1	38.1	15.9		A-UC206D1M	
1 1/16	UCFU-1 1/16M											A-UC206-101D1M	
1 1/8	UCFU-1 1/8M											A-UC206-102D1M	
1 3/16	UCFU-1 3/16M	4 9/32	3¼	25/32	5/8	1 5/16	29/64	1 21/32	1.500	0.626	⅛-27NPT	A-UC206-103D1M	FU206D1V50
1¼	UCFU-1¼SM											A-UC206-104D1M	
35	UCFU-35M	118	92	21	17	36	13.1	46.4	42.9	17.5		A-UC207D1M	
1¼	UCFU-1¼M											A-UC207-104D1M	
1 5/16	UCFU-1 5/16M											A-UC207-105D1M	
1⅜	UCFU-1⅜M	4 21/32	3⅝	53/64	21/32	1 13/32	33/64	1 53/64	1.689	0.689	⅛-27NPT	A-UC207-106D1M	FU207D1V50
1 7/16	UCFU-1 7/16M											A-UC207-107D1M	
40	UCFU-40M	131	101.5	24	17	39	13.1	54.3	49.2	19		A-UC208D1M	
1½	UCFU-1½M	5 3/32	4	15/16	21/32	1 17/32	33/64	2 9/64	1.937	0.748	⅛-27NPT	A-UC208-108D1M	FU208D1V50
1 9/16	UCFU-1 9/16M											A-UC208-109D1M	
45	UCFU-45M	137	105	24	17	40	13.1	54.3	49.2	19		A-UC209D1M	
1⅝	UCFU-1⅝M											A-UC209-110D1M	
1 11/16	UCFU-1 11/16M	5 13/32	4⅛	15/16	23/32	1 9/16	33/64	2 9/64	1.937	0.748	⅛-27NPT	A-UC209-111D1M	FU209D1V50
1¾	UCFU-1¾M											A-UC209-112D1M	

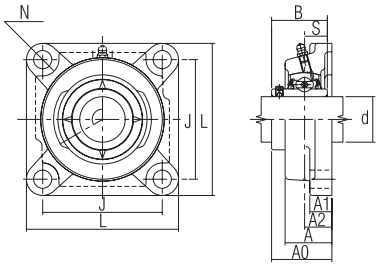
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Units	Shaft Dia.
Metric	50 - 60 mm
Standard	1 13/16 - 3 in.

4 BOLT FLANGED – SET SCREW TYPE, BLACK OXIDE COATING

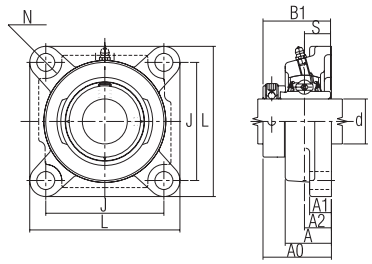
Shaft Dia. d	Part Number	Nominal Dimensions									Lube Hole of Housing	Insert Number	Housing Number
		L	J	A2	A1	A	N	A0	B	S			
50	**UCFU-50M**	144	111.0	28	20	46	17.1	60.7	51.6	19.0		**A-UC210D1M**	
1 13/16	**UCFU-1 13/16M**											**A-UC210-113D1M**	
1 7/8	**UCFU-1 7/8M**	5 21/32	4 3/8	1 7/64	25/32	1 13/16	43/64	2 25/64	2.032	0.748	1/8-27NPT	**A-UC210-114D1M**	FU210D1V50
1 15/16	**UCFU-1 15/16M**											**A-UC210-115D1M**	
2	**UCFU-2SM**											**A-UC210-200D1M**	
55	**UCFU-55M**	163	130.0	31	21	49	17.1	64.3	55.6	22.2		**A-UC211D1M**	
2	**UCFU-2M**											**A-UC211-200D1M**	
2 1/16	**UCFU-2 1/16M**	6 13/32	5 1/8	1 7/32	13/16	1 15/16	43/64	2 17/32	2.189	0.874	1/8-27NPT	**A-UC211-201D1M**	FU211D1V50
2 1/8	**UCFU-2 1/8M**											**A-UC211-202D1M**	
2 3/16	**UCFU-2 3/16M**											**A-UC211-203D1M**	
60	**UCFU-60M**	175	143.0	34	21	53	17.1	73.8	65.1	25.4		**A-UC212D1M**	
2 1/4	**UCFU-2 1/4M**											**A-UC212-204D1M**	
2 5/16	**UCFU-2 5/16M**	6 7/8	5 5/8	1 11/32	13/16	2 3/32	43/64	2 29/32	2.563	1.000	1/8-27NPT	**A-UC212-205D1M**	FU212D1V50
2 3/8	**UCFU-2 3/8M**											**A-UC212-206D1M**	
2 7/16	**UCFU-2 7/16M**											**A-UC212-207D1M**	
2 1/2	**UCFU-2 1/2M**	187	149.0	38	22	59	19.0	77.7	65.1	25.4	1/8-27NPT	**A-UC213-208D1M**	FU213D1V50
2 9/16	**UCFU-2 9/16M**	7 3/8	5 55/64	1 1/2	7/8	2 5/16	3/4	3 1/16	2.563	1.000		**A-UC213-209D1M**	
2 5/8	**UCFU-2 5/8M**											**A-UC214-210D1M**	
2 11/16	**UCFU-2 11/16M**	193	149.2	38	22	62	16.3	82.6	74.6	30.2	1/8-27NPT	**A-UC214-211D1M**	FU214D1V50
2 3/4	**UCFU-2 3/4M**	7 19/32	5 7/8	1 1/2	7/8	2 7/16	41/64	3 1/4	2.937	1.189		**A-UC214-212D1M**	
2 13/16	**UCFU-2 13/16M**											**A-UC215-213D1M**	
2 7/8	**UCFU-2 7/8M**	200	152.0	41	22	65	19.8	85.3	77.8	33.3	1/8-27NPT	**A-UC215-214D1M**	FU215D1V50
2 15/16	**UCFU-2 15/16M**	7 7/8	6	1 39/64	7/8	2 9/16	25/32	3 23/64	3.063	1.311		**A-UC215-215D1M**	
3	**UCFU-3M**											**A-UC215-300D1M**	



Units	Shaft Dia.
Metric	–
Standard	13/16 - 3 in.

4 BOLT FLANGED – SET SCREW TYPE, BLACK OXIDE COATING

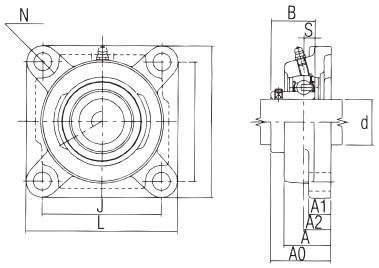
Shaft Dia. d	Part Number	Nominal Dimensions									Lube Hole of Housing	Insert Number	Housing Number
		L	J	A2	A1	A	N	A0	B	S			
13/16	UCFUX-13/16M	109 4 9/32	82.5 3 1/4	20 25/32	16 5/8	33 1 5/16	11.5 29/64	42.1 1 21/32	38.1 1.500	15.9 0.626	1/8-27NPT	A-UCX05-013D1M	FU206D1V50
7/8	UCFUX-7/8M											A-UCX05-014D1M	
15/16	UCFUX-15/16M											A-UCX05-015D1M	
1	UCFUX-1M											A-UCX05-100D1M	
1 1/16	UCFUX-1 1/16M	118 4 21/32	92 3 5/8	21 53/64	17 21/32	36 1 13/32	13.1 33/64	46.4 1 53/64	42.9 1.689	17.5 0.689	1/8-27NPT	A-UCX06-101D1M	FU207D1V50
1 1/8	UCFUX-1 1/8M											A-UCX06-102D1M	
1 3/16	UCFUX-1 3/16M											A-UCX06-103D1M	
1 1/4	UCFUX-1 1/4M											A-UCX07-104D1M	
1 5/16	UCFUX-1 5/16M	131 5 3/32	101.5 4	24 15/16	17 21/32	39 1 17/32	13.1 33/64	54.3 2 9/64	49.2 1.937	19.0 0.748	1/8-27NPT	A-UCX07-105D1M	FU208D1V50
1 3/8	UCFUX-1 3/8M											A-UCX07-106D1M	
1 7/16	UCFUX-1 7/16M											A-UCX07-107D1M	
1 1/2	UCFUX-1 1/2M	137 5 13/32	105 4 1/8	24 15/16	18 23/32	40 1 9/16	13.1 33/64	54.3 2 9/64	49.2 1.937	19.0 0.748	1/8-27NPT	A-UCX08-108D1M	FU209D1V50
1 9/16	UCFUX-1 9/16M											A-UCX08-109D1M	
1 5/8	UCFUX-1 5/8M	144 5 21/32	111 4 3/8	28 1 7/64	20 25/32	46 1 13/16	17.1 43/64	60.7 2 25/64	51.6 2.031	19.0 0.748	1/8-27NPT	A-UCX09-110D1M	FU210D1V50
1 11/16	UCFUX-1 11/16M											A-UCX09-111D1M	
1 3/4	UCFUX-1 3/4M											A-UCX09-112D1M	
1 13/16	UCFUX-1 13/16M											A-UCX10-113D1M	
1 7/8	UCFUX-1 7/8M	163 6 13/32	130 5 1/8	31 1 7/32	21 13/16	49 1 15/16	17.1 43/64	64.3 2 17/32	55.6 2.189	22.2 0.874	1/8-27NPT	A-UCX10-114D1M	FU211D1V50
1 15/16	UCFUX-1 15/16M											A-UCX10-115D1M	
2	UCFUX-2M											A-UCX11-200D1M	
2 1/16	UCFUX-2 1/16M	175 6 7/8	143 5 5/8	34 1 11/32	21 13/16	53 2 3/32	17.1 43/64	73.8 2 29/32	65.1 2.563	25.4 1.000	1/8-27NPT	A-UCX11-201D1M	FU212D1V50
2 1/8	UCFUX-2 1/8M											A-UCX11-202D1M	
2 3/16	UCFUX-2 3/16M											A-UCX11-203D1M	
2 1/4	UCFUX-2 1/4M											A-UC212-204D1M	
2 5/16	UCFUX-2 5/16M											A-UC212-205D1M	
2 7/16	UCFUX-2 7/16M	193 7 19/32	143 5 7/8	38 1 1/2	22 7/8	62 2 7/16	16.3 41/64	82.6 3 1/4	74.6 2.937	30.2 1.189	1/8-27NPT	A-UC212-207D1M	FU214D1V50
2 1/2	UCFUX-2 1/2M											A-UCX13-208D1M	
2 9/16	UCFUX-2 9/16M											A-UCX13-209D1M	
2 5/8	UCFUX-2 5/8M	200 7 7/8	152 6	41 1 39/64	22 7/8	65 2 9/16	19.8 25/32	85.3 3 23/64	77.8 3.063	33.3 1.311	1/8-27NPT	A-UCX14-210D1M	FU215D1V50
2 11/16	UCFUX-2 11/16M											A-UCX14-211D1M	
2 3/4	UCFUX-2 3/4M											A-UCX14-212D1M	
2 13/16	UCFUX-2 13/16M	200 7 7/8	152.5 6	40.9 1 39/64	22 7/8	65 2 9/16	19.8 25/32	90.5 3 9/16	82.6 3.252	33.3 1.311	1/8-27NPT	A-UCX15-213D1M	FUX15D1V50
2 7/8	UCFUX-2 7/8M											A-UCX15-214D1M	
2 15/16	UCFUX-2 15/16M											A-UCX15-215D1M	
3	UCFUX-3M											A-UCX15-300D1M	



Units	Shaft Dia.
Metric	–
Standard	½ - 3 in.

4 BOLT FLANGED – ECCENTRIC COLLAR TYPE, BLACK OXIDE COATING

Shaft Dia. d	Part Number	Nominal Dimensions									Lube Hole of Housing	Insert Number	Housing Number
		L	J	A2	A1	A	N	A0	B1	S			
½	UELFU-½M	76 3	54 2⅛	17 21/32	13 ½	28 1 7/64	10.7 27/64	42.1 1 21/32	37.3 1.469	12.4 0.488	¼-28UNF	A-UEL201-008D1M A-UEL202-009D1M A-UEL202-010D1M A-UEL203-011D1M	FU201D1V50
9/16	UELFU-9/16M												
⅝	UELFU-⅝M												
11/16	UELFU-11/16M												
¾	UELFU-¾M	86 3⅜	63.5 2½	19 ¾	15 19/32	29.5 1 5/32	10.7 27/64	45.6 1 51/64	43.7 1.720	17.1 0.673	¼-28UNF	A-UEL204-012D1M	FU204D1V50
13/16	UELFU-13/16M	96 3 25/32	70 2¾	19 ¾	15 19/32	30 1 3/16	11.5 29/64	46.0 1 13/16	44.4 1.748	17.5 0.689	⅛-27NPT	A-UEL205-013D1M A-UEL205-014D1M A-UEL205-015D1M A-UEL205-100D1M	FU205D1V50
⅞	UELFU-⅞M												
15/16	UELFU-15/16M												
1	UELFU-1M												
1 1/16	UELFU-1 1/16M	109 4 9/32	82.5 3¼	20 25/32	16 ⅝	33 1 5/16	11.5 29/64	50.0 1 31/32	48.4 1.906	18.3 0.720	⅛-27NPT	A-UEL206-101D1M A-UEL206-102D1M A-UEL206-103D1M A-UEL206-104D1M	FU206D1V50
1⅛	UELFU-1⅛M												
1 3/16	UELFU-1 3/16M												
1¼	UELFU-1¼SM												
1¼	UELFU-1¼M	118 4 21/32	92 3⅝	21 53/64	17 21/32	36 1 13/32	13.1 33/64	53.2 2 3/32	51.1 2.012	18.8 0.740	⅛-27NPT	A-UEL207-104D1M A-UEL207-105D1M A-UEL207-106D1M A-UEL207-107D1M	FU207D1V50
1 5/16	UELFU-1 5/16M												
1⅜	UELFU-1⅜M												
1 7/16	UELFU-1 7/16M												
1½	UELFU-1½M	131 5 5/32	101.5 4	24 15/16	17 21/32	39 1 17/32	13.1 33/64	58.7 2 5/16	56.3 2.217	21.4 0.843	⅛-27NPT	A-UEL208-108D1M A-UEL208-109D1M	FU208D1V50
1 9/16	UELFU-1 9/16M												
1⅝	UELFU-1⅝M	137 5 13/32	105 4⅛	24 15/16	17 23/32	40 1 9/16	13.1 33/64	58.7 2 5/16	56.3 2.217	21.4 0.843	⅛-27NPT	A-UEL209-110D1M A-UEL209-111D1M A-UEL209-112D1M	FU209D1V50
1 11/16	UELFU-1 11/16M												
1¾	UELFU-1¾M												
1 13/16	UELFU-1 13/16M	144 5 21/32	111 4⅜	28 1 7/64	20 25/32	46 1 13/16	17.1 43/64	66.3 2 39/64	62.7 2.469	24.6 0.969	⅛-27NPT	A-UEL210-113D1M A-UEL210-114D1M A-UEL210-115D1M A-UEL210-200D1M	FU210D1V50
1⅞	UELFU-1⅞M												
1 15/16	UELFU-1 15/16M												
2	UELFU-2SM												
2	UELFU-2M	163 6 13/32	130 5⅛	31 1 7/32	21 13/16	49 1 15/16	17.1 43/64	74.6 2 15/16	71.4 2.811	27.8 1.094	⅛-27NPT	A-UEL211-200D1M A-UEL211-201D1M A-UEL211-202D1M A-UEL211-203D1M	FU211D1V50
2 1/16	UELFU-2 1/16M												
2⅛	UELFU-2⅛M												
2 3/16	UELFU-2 3/16M												
2¼	UELFU-2¼M	175 6⅞	143 5⅝	34 1 11/32	21 13/16	53 2 3/32	17.1 43/64	81.0 3 3/16	77.8 3.063	31.0 1.220	⅛-27NPT	A-UEL212-204D1M A-UEL212-205D1M A-UEL212-206D1M A-UEL212-207D1M	FU212D1V50
2 5/16	UELFU-2 5/16M												
2⅜	UELFU-2⅜M												
2 7/16	UELFU-2 7/16M												
2½	UELFU-2½M	187 7⅜	149 5 55/64	38 1½	22 ⅞	59 2 5/16	19.0 ¾	89.5 3½	85.7 3.374	34.1 1.344	⅛-27NPT	A-UEL213-208D1M A-UEL213-209D1M	FU213D1V50
2 9/16	UELFU-2 9/16M												
2⅝	UELFU-2⅝M	193 7 19/32	149 5⅞	38 1½	22 ⅞	62 2 7/16	16.3 41/64	89.7 3 17/32	85.7 3.374	34.1 1.344	⅛-27NPT	A-UEL214-210D1M A-UEL214-211D1M A-UEL214-212D1M	FU214D1V50
2 11/16	UELFU-2 11/16M												
2¾	UELFU-2¾M												
2 13/16	UELFU-2 13/16M	200 7⅞	152 6	41 1 39/64	22 ⅞	65 2 9/16	19.8 25/32	95.6 3 49/64	92.0 3.622	37.3 1.469	⅛-27NPT	A-UEL215-213D1M A-UEL215-214D1M A-UEL215-215D1M A-UEL215-300D1M	FU215D1V50
2⅞	UELFU-2⅞M												
2 15/16	UELFU-2 15/16M												
3	UELFU-3M												

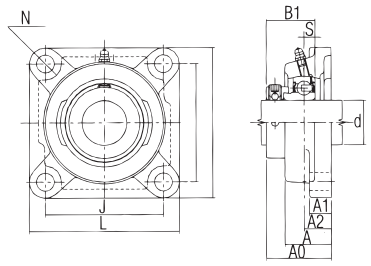


Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.

4 BOLT FLANGED – SET SCREW TYPE, NARROW INNER RING, CAST HOUSING

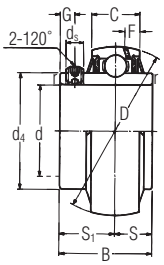
Shaft Dia. d	Part Number	Nominal Dimensions									Lube Hole of Housing	Insert Number	Housing Number
		L	J	A2	A1	A	N	A0	B	S			
1/2	ARFU-1/2											A-AR201-008D1	
9/16	ARFU-9/16	76	54	17	13	28	10.7	32.9	22.5	6.5		A-AR202-009D1	
5/8	ARFU-5/8	3	2 1/8	21/32	1/2	1 7/64	27/64	1 19/64	0.886	0.256	1/4-28UNF	A-AR202-010D1	FU201D1V50
11/16	ARFU-11/16											A-AR203-011D1	
3/4	ARFU-3/4	86 3 3/8	63.5 2 1/2	19 3/4	15 19/32	29.5 1 5/32	10.7 27/64	36.9 1 29/64	25.5 1.004	7.5 0.295	1/4-28UNF	A-AR204-012D1	FU204D1V50
13/16	ARFU-13/16											A-AR205-013D1	
7/8	ARFU-7/8	96	70	19	15	30	11.5	38.5	27	7.5		A-AR205-014D1	
15/16	ARFU-15/16	3 25/32	2 3/4	3/4	19/32	1 3/16	29/64	1 33/64	1.063	0.295	1/8-27NPT	A-AR205-015D1	FU205D1V50
1	ARFU-1											A-AR205-100D1	
1 1/16	ARFU-1 1/16											A-AR206-101D1	
1 1/8	ARFU-1 1/8	109	82.5	20	16	33	11.5	40.9	30	9		A-AR206-102D1	
1 3/16	ARFU-1 3/16	4 9/32	3 1/4	25/32	5/8	1 5/16	29/64	1 39/64	1.181	0.354	1/8-27NPT	A-AR206-103D1	FU206D1V50
1 1/4	ARFU-1 1/4S											A-AR206-104D1	
1 1/4	ARFU-1 1/4											A-AR207-104D1	
1 5/16	ARFU-1 5/16	118	92	21	17	36	13.1	46.4	35	9.5		A-AR207-105D1	
1 3/8	ARFU-1 3/8	4 21/32	3 5/8	53/64	21/32	1 13/32	33/64	1 53/64	1.378	0.374	1/8-27NPT	A-AR207-106D1	FU207D1V50
1 7/16	ARFU-1 7/16											A-AR207-107D1	
1 1/2	ARFU-1 1/2	131	101.5	24	17	39	13.1	53.2	40	11		A-AR208-108D1	
1 9/16	ARFU-1 9/16	5 5/32	4	15/16	21/32	1 17/32	33/64	2 3/32	1.575	0.433	1/8-27NPT	A-AR208-109D1	FU208D1V50
1 5/8	ARFU-1 5/8											A-AR209-110D1	
1 11/16	ARFU-1 11/16	137	105	24	17	40	13.1	54.4	41.5	11		A-AR209-111D1	
1 3/4	ARFU-1 3/4	5 13/32	4 1/8	15/16	21/32	1 9/16	33/64	2 9/64	1.634	0.433	1/8-27NPT	A-AR209-112D1	FU209D1V50
1 13/16	ARFU-1 13/16											A-AR210-113D1	
1 7/8	ARFU-1 7/8	144	111	28	20	46	17.1	59.9	43	11		A-AR210-114D1	
1 15/16	ARFU-1 15/16	5 21/32	4 3/8	1 7/64	25/32	1 13/16	43/64	2 23/64	1.693	0.433	1/8-27NPT	A-AR210-115D1	FU210D1V50
2	ARFU-2S											A-AR210-200D1	
2	ARFU-2											A-AR211-200D1	
2 1/16	ARFU-2 1/16	163	130	31	21	49	17.1	61.9	43	12		A-AR211-201D1	
2 1/8	ARFU-2 1/8	6 13/32	5 1/8	1 7/32	13/16	1 15/16	43/64	2 7/16	1.693	0.472	1/8-27NPT	A-AR211-202D1	FU211D1V50
2 3/16	ARFU-2 3/16											A-AR211-203D1	

Units	Shaft Dia.
Metric	–
Standard	½ - 2 3/16 in.



4 BOLT FLANGED – ECCENTRIC COLLAR TYPE, NARROW INNER RING, CAST HOUSING

Shaft Dia. d	Part Number	Nominal Dimensions									Lube Hole of Housing	Insert Number	Housing Number
		L	J	A2	A1	A	N	A0	B1	S			
½	JELFU-½	76	54	17	13	28	10.7	39.3	28.6	6.5	¼-28UNF	A-JEL201-008D1	FU201D1V50
9/16	JELFU-9/16	3	2 1/8	21/32	½	1 7/64	27/64	1 35/64	1.126	0.256		A-JEL202-009D1	
⅝	JELFU-⅝											A-JEL202-010D1	
11/16	JELFU-11/16											A-JEL203-011D1	
¾	JELFU-¾	86	63.5	19	15	29.5	11.5	42.5	31.0	7.5	¼-28UNF	A-JEL204-012D1	FU204D1V50
		3 3/8	2½	¾	19/32	1 5/32	29/64	1 43/64	1.220	0.295			
13/16	JELFU-13/16	96	70	19	15	30	11.5	42.5	31.0	7.5	⅛-27NPT	A-JEL205-013D1	FU205D1V50
⅞	JELFU-⅞	3 25/32	2¾	¾	19/32	1 3/16	29/64	1 43/64	1.220	0.295		A-JEL205-014D1	
15/16	JELFU-15/16											A-JEL205-015D1	
1	JELFU-1											A-JEL205-100D1	
1 1/16	JELFU-1 1/16	109	82.5	20	16	33	11.5	46.8	35.7	9	⅛-27NPT	A-JEL206-101D1	FU206D1V50
1⅛	JELFU-1⅛	4 9/32	3¼	25/32	⅝	1 5/16	29/64	1 27/32	1.406	0.354		A-JEL206-102D1	
1 3/16	JELFU-1 3/16											A-JEL206-103D1	
1¼	JELFU-1¼S											A-JEL206-104D1	
1¼	JELFU-1¼	118	92	21	17	36	13.1	50.4	38.9	9.5	⅛-27NPT	A-JEL207-104D1	FU207D1V50
1 5/16	JELFU-1 5/16	4 21/32	3⅝	53/64	21/32	1 13/32	33/64	1 63/64	1.531	0.374		A-JEL207-105D1	
1⅜	JELFU-1⅜											A-JEL207-106D1	
1 7/16	JELFU-1 7/16											A-JEL207-107D1	
1½	JELFU-1½	131	101.5	24	17	39	13.1	56.8	43.7	11	⅛-27NPT	A-JEL208-108D1	FU208D1V50
1 9/16	JELFU-1 9/16	5 5/32	4	15/16	21/32	1 17/32	33/64	2 15/64	1.720	0.433		A-JEL208-109D1	
1⅝	JELFU-1⅝	137	105	24	17	40	13.1	56.8	43.7	11	⅛-27NPT	A-JEL209-110D1	FU209D1V50
1 11/16	JELFU-1 11/16	5 13/32	4⅛	15/16	23/32	1 9/16	33/64	2 15/64	1.720	0.433		A-JEL209-111D1	
1¾	JELFU-1¾											A-JEL209-112D1	
1 13/16	JELFU-1 13/16	144	111	28	20	46	17.1	60.7	43.7	11	⅛-27NPT	A-JEL210-113D1	FU210D1V50
1⅞	JELFU-1⅞	5 21/32	4⅜	1 7/64	25/32	1 13/16	43/64	2 25/64	1.720	0.433		A-JEL210-114D1	
1 15/16	JELFU-1 15/16											A-JEL210-115D1	
2	JELFU-2S											A-JEL210-200D1	
2	JELFU-2	163	130	31	21	49	17.1	67.5	48.4	12	⅛-27NPT	A-JEL211-200D1	FU211D1V50
2 1/16	JELFU-2 1/16	6 13/32	5⅛	1 7/32	13/16	1 15/16	43/64	2 21/32	1.906	0.472		A-JEL211-201D1	
2⅛	JELFU-2⅛											A-JEL211-202D1	
2 3/16	JELFU-2 3/16											A-JEL211-203D1	

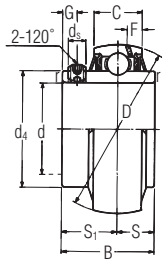


Units	Shaft Dia.	Load Rating
Metric	20 - 50 mm	Newton
Standard	½ - 2 in.	Lbs.

INSERT BEARING – BALL BEARING, SET SCREW

Shaft Dia. d	Insert Bearing Number	Nominal Dimensions										Basic Load Rating		Limiting Speed (rpm)
		D	B	C	r_s min.	S	S_1	G	d_s	d_4	F	Dynamic Cr	Static Cor	
½	A-UC201X-008D1M	40 1.575	27.4 1.079	15 0.591	0.6 0.024	11.5 0.453	15.9 0.626	4.2 0.165	10-32UNF	24.4 0.961	3.8 0.150	9,600 2,160	4,600 1,030	7,800
9⁄16 5⁄8	A-UC202X-009D1M A-UC202X-010D1M	40 1.575	27.4 1.079	15 0.591	0.6 0.024	11.5 0.453	15.9 0.626	4.2 0.165	10-32UNF	24.4 0.961	3.8 0.150	9,600 2,160	4,600 1,030	7,800
11⁄16	A-UC203X-011D1M	40 1.575	27.4 1.079	15 0.591	0.6 0.024	11.5 0.453	15.9 0.626	4.2 0.165	10-32UNF	24.4 0.961	3.8 0.150	9,600 2,160	4,600 1,030	7,800
20 ¾	A-UC204D1M A-UC204-012D1M	47 1.850	31.0 1.221	17 0.689	1.0 0.039	12.7 0.500	18.3 0.720	4.5 0.177	10-32UNF	29.6 1.165	4.7 0.185	12,800 2,890	6,650 1,500	6,450
25 13⁄16 7⁄8 15⁄16 1	A-UC205D1M A-UC205-013D1M A-UC205-014D1M A-UC205-015D1M A-UC205-100D1M	52 2.047	34.1 1.339	17 0.689	1.0 0.039	14.3 0.563	19.8 0.780	5.0 0.197	10-32UNF	33.9 1.335	4.5 0.177	14,000 3,150	7,850 1,770	5,600
30 1 1⁄16 1 1⁄8 1 3⁄16 1 1⁄4	A-UC206D1M A-UC206-101D1M A-UC206-102D1M A-UC206-103D1M A-UC206-104D1M	62 2.441	38.1 1.500	19 0.748	1.0 0.039	15.9 0.626	22.2 0.874	5.0 0.197	¼-32UNF	40.8 1.606	4.6 0.181	19,500 4,400	11,300 2,540	4,650
35 1 1⁄4 1 5⁄16 1 3⁄8 1 7⁄16	A-UC207D1M A-UC207-104D1M A-UC207-105D1M A-UC207-106D1M A-UC207-107D1M	72 2.835	42.9 1.689	20 0.787	1.5 0.059	17.5 0.689	25.4 1.000	6.0 0.236	¼-32UNF	46.8 1.843	4.6 0.181	25,700 5,750	15,300 3,450	4,000
40 1 1⁄2 1 9⁄16	A-UC208D1M A-UC208-108D1M A-UC208-109D1M	80 3.150	49.2 1.937	21 0.827	1.5 0.059	19.0 0.748	30.2 1.189	8.0 0.315	5⁄16-32UNF	53.0 2.087	4.5 0.177	29,100 6,550	17,800 4,000	3,550
45 1 5⁄8 1 11⁄16 1 3⁄4	A-UC209D1M A-UC209-110D1M A-UC209-111D1M A-UC209-112D1M	85 3.346	49.2 1.937	22 0.866	1.5 0.059	19.0 0.748	30.2 1.189	8.0 0.315	5⁄16-24UNF	57.5 2.264	4.9 0.193	32,500 7,350	20,400 4,600	3,300
50 1 13⁄16 1 7⁄8 1 15⁄16 2	A-UC210D1M A-UC210-113D1M A-UC210-114D1M A-UC210-115D1M A-UC210-200D1M	90 3.543	51.6 2.032	24 0.945	1.5 0.059	19.0 0.748	32.6 1.283	9.0 0.354	5⁄16-24UNF	62.4 2.457	5.9 0.232	35,000 7,900	23,200 5,200	3,050

Note: For oil hole on the same side as the mounting, eliminate A- prefix.



Units	Shaft Dia.	Load Rating
Metric	55 - 60 mm	Newton
Standard	2 - 3 in.	Lbs.

INSERT BEARING – BALL BEARING, SET SCREW

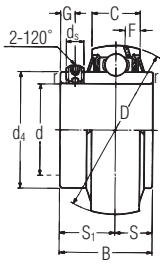
Shaft Dia. d	Insert Bearing Number	Nominal Dimensions										Basic Load Rating		Limiting Speed (rpm)
		D	B	C	r_s min.	S	S_1	G	d_s	d_4	F	Dynamic Cr	Static Cor	
55	A-UC211D1M	100	55.6	25	2	22.2	33.4	9		69	6.0	43,500	29,200	
2	A-UC211-200D1M													
2 1/16	A-UC211-201D1M													
2 1/8	A-UC211-202D1M	3.937	2.189	0.984	0.079	0.874	1.315	0.354	5/16-24UNF	2.717	0.236	9,750	6,550	2,750
2 3/16	A-UC211-203D1M													
60	A-UC212D1M	110	65.1	27	2	25.4	39.7	10		77	6.2	52,500	36,000	
2 1/4	A-UC212-204D1M													
2 5/16	A-UC212-205D1M													
2 3/8	A-UC212-206D1M	4.331	2.563	1.060	0.079	1.000	1.563	0.394	3/8-24UNF	3.032	0.244	11,800	8,150	2,450
2 7/16	A-UC212-207D1M													
2 1/2	A-UC213-208D1M	120	65.1	32	2	25.4	39.7	10	3/8-24UNF	82.5	8.7	57,500	40,000	2,300
2 9/16	A-UC213-209D1M	4.724	2.560	1.260	0.079	1.000	1.563	0.394		3.248	0.343	12,900	9,000	
2 5/8	A-UC214-210D1M													
2 11/16	A-UC214-211D1M	125	74.6	33	2	30.2	44.4	12	3/8-24UNF	87	8.8	62,000	44,000	2,150
2 3/4	A-UC214-212D1M	4.921	2.937	1.292	0.079	1.189	1.748	0.472		3.425	0.346	14,000	9,900	
2 13/16	A-UC215-213D1M													
2 7/8	A-UC215-214D1M	130	77.8	34	2	33.3	44.5	12	3/8-24UNF	93	9.0	66,000	49,500	2,000
2 15/16	A-UC215-215D1M	5.118	3.060	1.339	0.079	1.311	1.752	0.472		3.661	0.354	14,900	11,100	
3	A-UC215-300D1M													

Note: For oil hole on the same side as the mounting, eliminate A- prefix.

INSERT BEARING – BALL BEARING, SET SCREW, FOOD GRADE SOLID LUBE

Shaft Dia. d	Insert Bearing Number	Nominal Dimensions										Basic Load Rating		Limiting Speed (rpm)
		D	B	C	r_s min.	S	S_1	G	d_s	d_4	F	Dynamic Cr	Static Cor	
3/4	A-UC204-012MFG1	1.850	1.221	0.689	0.039	0.500	0.720	0.177	10-32UNF	1.165	0.185	2,890	1,500	5,000
1	A-UC205-100MFG1	2.047	1.339	0.689	0.039	0.563	0.780	0.197	10-32UNF	1.335	0.177	3,150	1,770	4,000
1 3/16	A-UC206-103MFG1	2.441	1.500	0.748	0.039	0.626	0.874	0.197	1/4-32UNF	1.606	0.181	4,400	2,540	3,330
1 1/4	A-UC207-104MFG1	2.835	1.689	0.787	0.059	0.689	1.000	0.236	1/4-32UNF	1.843	0.181	5,750	3,440	2,860
1 7/16	A-UC207-107MFG1													
1 1/2	A-UC208-108MFG1	3.150	1.937	0.827	0.059	0.748	1.189	0.315	5/16-32UNF	2.087	0.177	6,550	4,000	2,500
1 3/4	A-UC209-112MFG1	3.346	1.937	0.866	0.059	0.748	1.189	0.315	5/16-24UNF	2.264	0.193	7,350	4,590	2,200
1 15/16	A-UC210-115MFG1	3.543	2.032	0.945	0.059	0.748	1.283	0.354	5/16-24UNF	2.457	0.232	7,900	5,220	2,000
2	A-UC211-200MFG1	3.937	2.189	0.984	0.079	0.874	1.315	0.354	5/16-24UNF	2.717	0.236	9,750	6,560	1,820
2 7/16	A-UC212-207MFG1	4.331	2.563	1.060	0.079	1.000	1.563	0.394	3/8-24UNF	3.032	0.244	11,800	8,100	1,670

Note: For oil hole on the same side as the mounting, eliminate A- prefix.

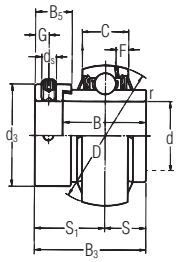


Units	Shaft Dia.	Load Rating
Metric	–	Newton
Standard	13/16 - 3½ in.	Lbs.

INSERT BEARING – BALL BEARING, SET SCREW

Shaft Dia. d	Insert Bearing Number	Nominal Dimensions										Basic Load Rating		Limiting Speed (rpm)
		D	B	C	r_s min.	S	S_1	G	d_s	d_4	F	Dynamic Cr	Static Cor	
13/16	A-UCX05-013D1M													
7/8	A-UCX05-014D1M	62	38.1	19	1	15.9	22.2	5		40.8	5.1	19,500	11,300	
15/16	A-UCX05-015D1M	2.441	1.500	0.748	0.039	0.626	0.874	0.197	¼-28UNF	1.606	0.201	4,400	2,540	4,650
1	A-UCX05-100D1M													
1 1/16	A-UCX06-101D1M													
1 1/8	A-UCX06-102D1M	72	42.9	20	1	17.5	25.4	6		46.8	5.6	25,700	15,300	
1 3/16	A-UCX06-103D1M	2.835	1.689	0.787	0.039	0.689	1.000	0.236	5/16-24UNF	1.843	0.220	5,750	3,450	4,000
1 5/16	A-UCX07-105D1M													
1 3/8	A-UCX07-106D1M	80	49.2	21	1.5	19.0	30.2	8		53	6.0	29,100	17,800	
1 7/16	A-UCX07-107D1M	3.150	1.937	0.827	0.059	0.748	1.189	0.315	5/16-24UNF	2.087	0.236	6,550	4,000	3,550
1 1/2	A-UCX08-108D1M	85	49.2	22	1.5	19.0	30.2	8		57.5	5.9	32,500	20,400	
1 9/16	A-UCX08-109D1M	3.347	1.937	0.866	0.059	0.748	1.189	0.315	5/16-24UNF	2.264	0.232	7,350	4,600	3,300
1 5/8	A-UCX09-110D1M													
1 11/16	A-UCX09-111D1M	90	51.6	24	1.5	19.0	32.6	9		62.4	6.4	35,000	23,200	
1 3/4	A-UCX09-112D1M	3.543	2.032	0.945	0.059	0.748	1.283	0.354	3/8-24UNF	2.457	0.252	7,900	5,200	3,050
1 7/8	A-UCX10-114D1M	100	55.6	25	1.5	22.2	33.4	9		69	7.0	43,500	29,200	
1 15/16	A-UCX10-115D1M	3.937	2.189	0.984	0.059	0.874	1.315	0.354	3/8-24UNF	2.717	0.276	9,750	6,550	2,750
2 1/16	A-UCX11-201D1M													
2 1/8	A-UCX11-202D1M	110	65.1	27	2	25.4	39.7	10		77	7.7	52,500	36,000	
2 3/16	A-UCX11-203D1M	4.331	2.563	1.063	0.079	1.000	1.563	0.394	3/8-24UNF	3.032	0.303	11,800	8,150	2,450
2 1/2	A-UCX13-208D1M	125	74.6	33	2	30.2	44.4	12		87	8.8	62,000	44,000	
2 9/16	A-UCX13-209D1M	4.921	2.937	1.299	0.079	1.189	1.748	0.472	½-20UNF	3.425	0.346	14,000	9,900	2,150
2 5/8	A-UCX14-210D1M													
2 11/16	A-UCX14-211D1M	130	77.8	34	2	33.3	44.5	12		93	9.0	66,000	49,500	
2 3/4	A-UCX14-212D1M	5.118	3.063	1.339	0.079	1.311	1.752	0.472	½-20UNF	3.661	0.354	14,900	11,100	2,000
2 13/16	A-UCX15-213D1M													
2 7/8	A-UCX15-214D1M	140	82.6	35	2	33.3	49.3	12		98.1	9.5	72,500	53,000	
2 15/16	A-UCX15-215D1M	5.512	3.252	1.378	0.079	1.311	1.941	0.472	½-20UNF	3.862	0.374	16,300	11,900	1,900
3	A-UCX15-300D1M													
3 1/16	A-UCX16-301D1M													
3 1/8	A-UCX16-302D1M	150	85.7	36	2.5	34.1	51.6	12		106.4	10.1	83,500	64,000	
3 3/16	A-UCX16-303D1M	5.906	3.374	1.417	0.098	1.343	2.031	0.472	½-20UNF	4.189	0.398	18,700	14,300	1,750
3 5/16	A-UCX17-305D1M	160	96.0	37	2.5	39.7	56.3	12		111.6	9.8	96,000	71,500	
3 7/16	A-UCX17-307D1M	6.299	3.780	1.457	0.098	1.563	2.217	0.472	½-20UNF	4.394	0.386	21,600	16,100	1,300
3 7/16	A-UCX18-307D1M	170	104.0	39	2.5	42.9	61.1	14		118.2	10.5	109,000	82,000	
3½	A-UCX18-308D1M	6.693	4.095	1.535	0.098	1.689	2.406	0.551	9/16-18UNF	4.654	0.413	24,500	18,400	1,300

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

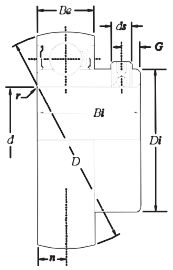


Units	Shaft Dia.	Load Rating
Metric	–	Newton
Standard	½ - 3 in.	Lbs.

INSERT BEARING – BALL BEARING, ECCENTRIC LOCKING COLLAR

Shaft Dia. d	Insert Bearing Number	Nominal Dimensions												Basic Load Rating		Limiting Speed (rpm)
		D	B_3	B	C	r_s min.	S	S_1	G	d_s	d_3	B_5	F	Dynamic Cr	Static Cor	
¾	A-UEL204-012D1M	47 1.850	43.7 1.720	34.2 1.347	17 0.669	1 0.039	17.1 0.673	26.6 1.047	4.8 0.189	¼-28UNF	33 1.299	13.5 0.531	4.7 0.185	12,800 2,890	6,650 1,500	6,450
13⁄16	A-UEL205-013D1M															
⅞	A-UEL205-014D1M	52 2.047	44.4 1.748	34.9 1.374	17 0.669	1 0.039	17.5 0.689	26.9 1.059	4.8 0.189	¼-28UNF	38 1.496	13.5 0.531	4.5 0.177	14,000 3,150	7,850 1,770	5,600
15⁄16	A-UEL205-015D1M															
1	A-UEL205-100D1M															
1 1⁄16	A-UEL206-101D1M															
1⅛	A-UEL206-102D1M	62 2.441	48.4 1.906	36.5 1.437	19 0.748	1 0.039	18.3 0.720	30.1 1.185	6.0 0.236	5⁄16-24UNF	44.5 1.752	15.9 0.626	4.6 0.181	19,500 4,400	11,300 2,540	4,650
1 3⁄16	A-UEL206-103D1M															
1¼	A-UEL206-104D1M															
1¼	A-UEL207-104D1M															
1 5⁄16	A-UEL207-105D1M	72 2.835	51.1 2.012	37.6 1.480	20 0.787	1.5 0.059	18.8 0.740	32.3 1.272	6.8 0.268	⅜-24UNF	55.5 2.185	17.5 0.689	4.6 0.181	25,700 5,750	15,300 3,450	4,000
1⅜	A-UEL207-106D1M															
1 7⁄16	A-UEL207-107D1M															
1½	A-UEL208-108D1M	80 3.150	56.3 2.217	42.9 1.685	21 0.827	1.5 0.059	21.4 0.843	34.9 1.374	6.8 0.268	⅜-24UNF	60 2.362	18.3 0.720	4.5 0.177	29,100 6,550	17,800 4,000	3,550
1 9⁄16	A-UEL208-109D1M															
1⅝	A-UEL209-110D1M	85 3.347	56.3 2.217	42.8 1.685	22 0.866	1.5 0.059	21.4 0.843	34.9 1.374	6.8 0.268	⅜-24UNF	63.5 2.500	18.3 0.720	4.9 0.193	32,500 7,350	20,400 4,600	3,300
1 11⁄16	A-UEL209-111D1M															
1¾	A-UEL209-112D1M															
1 13⁄16	A-UEL210-113D1M															
1⅞	A-UEL210-114D1M	90 3.543	62.7 2.469	49.2 1.937	24 0.945	1.5 0.059	24.6 0.969	38.1 1.500	6.8 0.268	⅜-24UNF	69.5 2.736	18.3 0.720	5.9 0.252	35,000 7,900	23,200 5,200	3,050
1 15⁄16	A-UEL210-115D1M															
2	A-UEL210-200D1M															
2	A-UEL211-200D1M															
2 1⁄16	A-UEL211-201D1M	100 3.937	71.4 2.811	55.5 2.185	25 0.984	2 0.079	27.8 1.094	43.6 1.717	8.0 0.315	⅜-24UNF	76 2.992	20.7 0.815	6.0 0.236	43,500 9,750	29,200 6,550	2,750
2⅛	A-UEL211-202D1M															
2 3⁄16	A-UEL211-203D1M															
2¼	A-UEL212-204D1M															
2 5⁄16	A-UEL212-205D1M	110 4.331	77.8 3.063	61.9 2.437	27 1.063	2 0.079	31 1.220	46.8 1.843	8.0 0.315	⅜-24UNF	84 3.307	22.3 0.878	6.2 0.303	52,500 11,800	36,000 8,150	2,450
2⅜	A-UEL212-206D1M															
2 7⁄16	A-UEL212-207D1M															
2½	A-UEL213-208D1M	120 4.724	85.7 3.374	68.3 2.689	32 1.260	2 0.079	34.1 1.344	51.5 2.030	8.7 0.343	⅜-24UNF	97 3.819	23.8 0.937	8.7 0.343	57,500 12,900	40,000 9,000	2,300
2 9⁄16	A-UEL213-209D1M															
2⅝	A-UEL214-210D1M	125 4.921	85.7 3.374	68.3 2.689	33 1.299	2 0.079	34.1 1.344	51.5 2.030	8.7 0.343	⅜-24UNF	97 3.819	23.9 0.937	8.8 0.346	62,000 14,000	44,000 9,900	2,150
2 11⁄16	A-UEL214-211D1M															
2¾	A-UEL214-212D1M															
2 13⁄16	A-UEL215-213D1M															
2⅞	A-UEL215-214D1M	130 5.118	92 3.622	74.6 2.937	34 1.339	2 0.079	37.3 1.469	54.7 2.154	8.7 0.343	⅜-24UNF	102 4.016	23.8 0.937	9.0 0.354	66,000 14,900	49,500 11,100	2,000
2 15⁄16	A-UEL215-215D1M															
3	A-UEL215-300D1M															

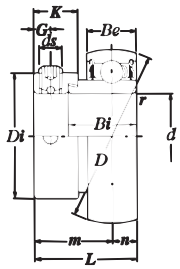
Note: For oil hole on the same side as the mounting, eliminate A- prefix.



Units	Shaft Dia.	Load Rating
Metric	–	Newton
Standard	½ - 2 3/16 in.	Lbs.

INSERT BEARING – BALL BEARING, SET SCREW

Shaft Dia. d	Insert Bearing Number	Nominal Dimensions								Basic Load Rating		Limiting Speed (rpm)
		D	B_i	B_e	r	n	G	D_i	d_s	Dynamic Cr	Static Cor	
½	AR201-008D1	40 1.575	22.5 .886	13 .512	1 .039	6.5 .256	5 .197	24.4 .961	¼-28UNF	1,370	615	11,000
9/16	AR202-009D1									1,740	805	10,000
5/8	AR202-010D1									1,740	805	10,000
11/16	AR203-011D1									2,160	1,030	8,000
¾	AR204-012D1	47 1.850	25.5 1.004	15 .591	1.5 .059	7.5 .295	5 .197	29.6 1.165	¼-28UNF	2,890	1,500	6,700
13/16	AR205-013D1	52 2.047	27 1.063	15 .591	1.5 .059	7.5 .295	5 .197	33.9 1.335	¼-28UNF	3,150	1,770	5,900
7/8	AR205-014D1											
15/16	AR205-015D1											
1	AR205-100D1											
1 1/16	AR206-101D1	62 2.441	30 1.181	18 .709	1.5 .059	9 .354	5 .197	40.8 1.606	¼-28UNF	4,400	2,540	4,700
1 1/8	AR206-102D1											
1 3/16	AR206-103D1											
1 1/4	AR206-104D1											
1 1/4	AR207-104D1	72 2.835	35 1.378	19 .748	2 .079	9.5 .374	6 .236	46.8 1.843	¼-28UNF	5,750	3,450	4,200
1 5/16	AR207-105D1											
1 3/8	AR207-106D1											
1 7/16	AR207-107D1											
1 1/2	AR208-108D1	80 3.150	40 1.575	22 .866	2 .079	11 .433	8 .315	53.0 2.087	5/16-24UNF	6,550	4,000	3,700
1 9/16	AR208-109D1											
1 5/8	AR209-110D1	85 3.347	41.5 1.634	22 .866	2 .079	11 .433	8 .315	57.5 2.269	5/16-24UNF	7,350	4,600	3,500
1 11/16	AR209-111D1											
1 3/4	AR209-112D1											
1 13/16	AR210-113D1	90 3.543	43 1.693	22 .866	2 .079	11 .433	9 .354	62.4 2.457	5/16 -24UNF	7,900	5,200	3,100
1 7/8	AR210-114D1											
1 15/16	AR210-115D1											
2	AR210-200D1											



Units	Shaft Dia.	Load Rating
Metric	–	Newton
Standard	½ - 2¼ in.	Lbs.

INSERT BEARING – BALL BEARING, ECCENTRIC LOCKING COLLAR

Shaft Dia. d	Insert Bearing Number	Nominal Dimensions										Basic Load Rating		Limiting Speed (rpm)
		D	L	B_i	B_e	r	n	m	G	D_i	d_s	Dynamic Cr	Static Cor	
½	JEL201-008D1	40 1.575	28.6 1.126	19.0 .748	13 .512	1 .039	6.5 .256	22.1 .870	4.8 .189	29 1.142	¼-28UNF	2,160	1,030	11,000
9⁄16	JEL202-009D1													10,000
⅝	JEL202-010D1													10,000
11⁄16	JEL203-011D1													8,000
¾	JEL204-012D1	47 1.850	31.0 1.220	21.5 .846	15 .591	1.5 .059	7.5 .295	23.5 .925	4.8 .189	33 1.299	¼-28UNF	2,890	1,500	6,700
13⁄16	JEL205-013D1	52 2.047	31.0 1.220	21.5 .846	15 .591	1.5 .059	7.5 .295	23.5 .925	4.8 .189	38 1.496	¼-28UNF	3,150	1,770	5,900
⅞	JEL205-014D1													
15⁄16	JEL205-015D1													
1	JEL205-100D1													
1 1⁄16	JEL206-101D1	62 2.441	35.7 1.406	23.8 .937	18 .709	1.5 .059	9 .354	26.7 1.051	6.0 .236	44.5 1.752	5⁄16-24UNF	4,400	2,540	4,900
1⅛	JEL206-102D1													
1 3⁄16	JEL206-103D1													
1¼	JEL206-104D1													
1¼	JEL207-104D1	72 2.835	38.9 1.531	25.4 1.000	19 .748	2 .079	9.5 .374	29.4 1.157	6.8 .268	55.5 2.185	⅜-24UNF	5,750	3,450	4,200
1 5⁄16	JEL207-105D1													
1⅜	JEL207-106D1													
1 7⁄16	JEL207-107D1													
1½	JEL208-108D1	80 3.150	43.7 1.720	30.2 1.189	22 .866	2 .079	11 .433	32.7 1.287	6.8 .268	60 2.362	⅜-24UNF	6,550	4,000	3,700
1 9⁄16	JEL208-109D1													
1 1⁄16	JEL209-110D1	85 3.347	43.7 1.720	30.2 1.189	22 .866	2 .079	11 .433	32.7 1.287	6.8 .268	63.5 2.50	⅜-24UNF	7,380	4,580	3,500
1 11⁄16	JEL209-111D1													
1¾	JEL209-112D1													
1 13⁄16	JEL210-113D1	90 3.543	43.7 1.720	30.2 1.189	22 .866	2 .079	11 .433	32.7 1.287	6.8 .268	69.5 2.74	⅜-24UNF	7,930	5,220	3,100
1⅞	JEL210-114D1													
1 15⁄16	JEL210-115D1													
2	JEL210-200D1													
2	JEL211-200D1	100 3.937	48.4 1.906	32.5 1.280	24 .945	2.5 .098	12 .472	36.4 1.433	8.0 .315	76 3.00	⅜-24UNF	9,810	6,570	2,900
2 1⁄16	JEL211-201D1													
2⅛	JEL211-202D1													
2 3⁄16	JEL211-203D1													
2¼	JEL212-204D1	110 4.331	53.1 2.091	37.2 1.465	27 1.063	2.5 .098	13.5 .531	39.6 1.559	3.0 .315	84 3.31	⅜-24UNF	11,800	8,150	2,500

The reliable performance and durable construction of NTN's Standard/Green Lines Series bearings makes them a smart solution for practically all types of common applications. Relubricatable bearings are suitable for high-temperature and high-speed applications.

Select from a expansive selection of pillow block, two-, three-, and four-bolt flange, take-up, stretcher, and cartridge units; and an unnmatched selection of housing styles.

Key Markets Served:
Material Handling, Transit Authorities, Conveyors, Freight and Logistics, and Packaging Machinery OEM

Table of Contents

2-BOLT PILLOW BLOCKS

Set Screw

UCP2 52-53
UCPL2 54
UCP3 55-56
UCPX 57-58
UCHP2 59
UCUP2 60
ASPL2 61
ASPP2 62
ASRPP2 63
ASPB2 64

Eccentric Lock

UELP2 65
UELPL2 66
UELP3 67-68
UELUP2 69
JELPL2 70
AELP2 71
AELPL2 72
AELPP2 73
AELRPP2 74

Tapered Bore

UKP2 75

2-BOLT FLANGED

Set Screw

UCFL2 76-77
UCFL3 78-79
UCFLX 80
UCFLG2 81
ASFD2 82
ASPFL2 83
ASFB2 84

Eccentric Lock

UELFL2 85
UELFL3 86-87
UELFLU2 88
AELFL2 89
AELFD2 90
AELPFL2 91
AELFB2 92
JELFL2 93
JELFD2 94
JELPFL2 95

Tapered Bore

UKFL2 96-99

4-BOLT FLANGED

Set Screw

UCF2 100-101
UCF3 102-103
UCFX 104-105
UCFG2 106
UCFS3 108-111

Eccentric Lock

UELF2 112
UELF3 113-114
UELFU2 115

Tapered Bore

UKF2 116

OTHER FLANGED

Set Screw

UCFC2 118-121
UCFCX 122-123
UCFA2 124
UCFH2 125
UCHB2 126-127
ASPF2 128

Eccentric Lock

AELPF2 129
UELFC2 130-131
JELPF2 132

Tapered Bore

UKFC2 134-135

TAKE-UP UNITS

UCT2 136-139
UCT3 140-143
UCTX 144-147
UELT2 148-151
UELT3 152-155
UKT2 156-159

STRETCHER UNITS

UCL2 160
UCM2 161
ASPT2 162
AELPT2 163
JELPT2 164

CARTRIDGE UNITS

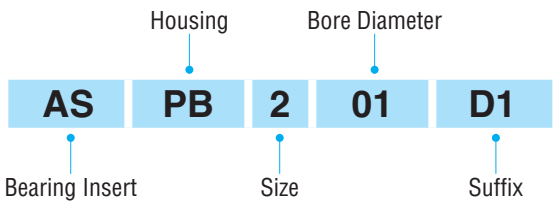
UCC2 165-166
UCC3 167-168
UELC2 169
UELC3 170-171
UKC2 172
UKC3 173-174

INSERTS

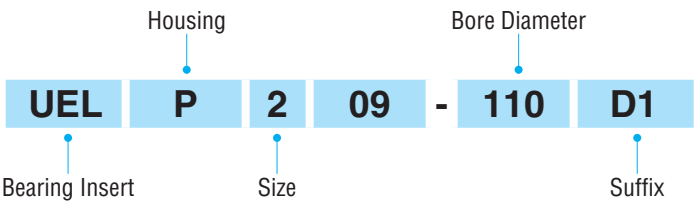
UC2 175-176
UC3 177-178
UCX 179-180
AS2 181
ASS2 182
AR2 183
UCS2 184-185
UCS3 186-187
UEL2 188
UEL3 189-190
UELS2 192-193
AEL2 194
AELS2 195
JEL2 196
REL2 197
UK2 198

STANDARD SERIES – MOUNTED UNIT NUMBERING SYSTEM

Metric Series



Inch Series



PREFIX

F:	Stainless
A:	Lube on non-locking mechanism side

BEARING INSERTS*

AEL:	Narrow inner ring, locking collar
AR:	Narrow inner ring, set screw type
AS:	Narrow inner ring, set screw type
JEL:	Narrow inner ring, locking collar
REL:	Wide inner ring, locking collar
UR:	Wide inner ring, set screw type
UC:	Wide inner ring, set screw type, with flinger
UEL:	Wide inner ring, locking collar, with flinger
UK:	Tapered bore, with flinger

HOUSINGS

F:	Flanged unit, cast – 4-bolt square housing
FA:	Flanged unit, cast – rhombus housing
FC:	Flanged piloted unit, cast – round housing
FD:	Flanged unit, cast – 2-bolt housing
FH:	Flanged unit, cast housing
FL:	Flanged unit, cast – 2-bolt housing
FS:	Flanged piloted unit, cast – 4-bolt square housing
FU:	Flanged unit, cast – 4-bolt square housing
PB:	Pillow Bock, cast housing, light duty
PF:	Flanged unit, pressed steel – 3-bolt round housing
PFL:	Flanged unit, pressed steel – 2-bolt housing
RPF:	Flanged unit, pressed steel with rubber ring – 3-bolt round housing

HOUSINGS (continued)

HP:	Pillow Block, cast housing, high center height
P:	Pillow Block, cast housing
PL:	Pillow Block, cast housing, low center height
PP:	Pillow Block, pressed steel housing
RPP:	Pillow Block, pressed steel housing with rubber ring
UP:	Pillow Block, cast housing
C:	Cylindrical cartridge unit
HB:	Hanger unit, cast housing
PT:	Mini stretcher
T:	Take-up unit, cast housing

SIZE

2:	Light
X:	Medium
3:	Heavy

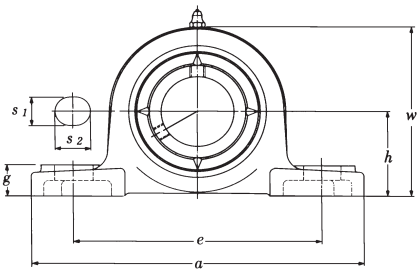
BORE DIAMETER

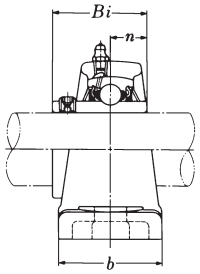
Metric and inches available

SUFFIX

D1:	Relube type
W3:	Cup Point Set Screw
N:	Machined face housing for end cap support
HT1D1:	Heat stabilized for up to 284° F
HT2D1:	Heat stabilized for up to 392° F

*To order a bearing with a cylindrical O.D., add S to the part number (example: JELS).





Units	Shaft Dia.
Metric	12 - 45 mm
Standard	½ - 1¾ in

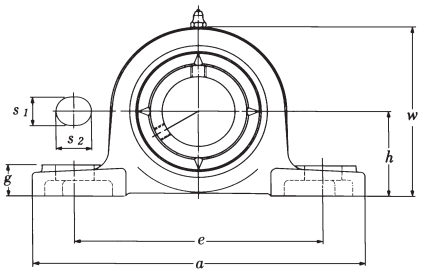
PILLOW BLOCK – 2 BOLT, SET SCREW, STANDARD DUTY

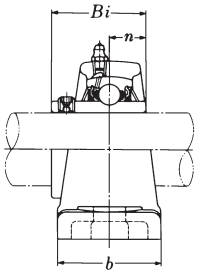
Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
12	**UCP201D1**	30.2	127	95	38	13	16	14	62	31.0	12.7	M10	**UC201D1**	P203D1
½	**UCP201-008D1**	1 3/16	5	3 3/4	1 1/2	½	5/8	9/16	2 7/16	1.220	.500	3/8	**UC201-008D1**	
15	**UCP202D1**	30.2	127	95	38	13	16	14	62	31.0	12.7	M10	**UC202D1**	
9/16	**UCP202-009D1**	1 3/16	5	3 3/4	1 1/2	½	5/8	9/16	2 7/16	1.220	.500	3/8	**UC202-009D1**	P203D1
5/8	**UCP202-010D1**												**UC202-010D1**	
17	**UCP203D1**	30.2	127	95	38	13	16	14	62	31.0	12.7	M10	**UC203D1**	P203D1
11/16	**UCP203-011D1**	1 3/16	5	3 3/4	1 1/2	½	5/8	9/16	2 7/16	1.220	.500	3/8	**UC203-011D1**	
20	**UCP204D1**	33.3	127	95	38	13	16	14	65	31.0	12.7	M10	**UC204D1**	P204D1
¾	**UCP204-012D1**	1 5/16	5	3 3/4	1 1/2	½	5/8	9/16	2 9/16	1.220	.500	3/8	**UC204-012D1**	
25	**UCP205D1**	36.5	140	105	38	13	16	15	71	34.0	14.3	M10	**UC205D1**	
13/16	**UCP205-013D1**												**UC205-013D1**	
7/8	**UCP205-014D1**	1 7/16	5 1/2	4 1/8	1 1/2	½	5/8	19/32	2 25/32	1.339	.563	3/8	**UC205-014D1**	P205D1
15/16	**UCP205-015D1**												**UC205-015D1**	
1	**UCP205-100D1**												**UC205-100D1**	
30	**UCP206D1**	42.9	165	121	48	17	20	17	83	38.1	15.9	M14	**UC206D1**	
1 1/16	**UCP206-101D1**												**UC206-101D1**	
1 1/8	**UCP206-102D1**	1 11/16	6 1/2	4 3/4	1 7/8	21/32	25/32	21/32	3 3/32	1.500	.626	½	**UC206-102D1**	P206D1
1 3/16	**UCP206-103D1**												**UC206-103D1**	
1 1/4	**UCP206-104D1**												**UC206-104D1**	
35	**UCP207D1**	47.6	167	127	48	17	20	18	93	42.9	17.5	M14	**UC207D1**	
1 1/4	**UCP207-104D1**												**UC207-104D1**	
1 5/16	**UCP207-105D1**	1 7/8	6 9/16	5	1 7/8	21/32	25/32	23/32	3 21/32	1.689	.689	½	**UC207-105D1**	P207D1
1 3/8	**UCP207-106D1**												**UC207-106D1**	
1 7/16	**UCP207-107D1**												**UC207-107D1**	
40	**UCP208D1**	49.2	184	137	54	17	20	18	98	49.2	19.0	M14	**UC208D1**	
1 1/2	**UCP208-108D1**	1 15/16	7 1/4	5 13/32	2 1/8	21/32	25/32	23/32	3 27/32	1.937	.748	½	**UC208-108D1**	P208D1
1 9/16	**UCP208-109D1**												**UC208-109D1**	
45	**UCP209D1**	54.0	190	146	54	17	20	20	106	49.2	19.0	M14	**UC209D1**	
1 5/8	**UCP209-110D1**												**UC209-110D1**	
1 11/16	**UCP209-111D1**	2 1/8	7 15/32	5 3/4	2 1/8	21/32	25/32	25/32	4 3/16	1.937	.748	½	**UC209-111D1**	P209D1
1 3/4	**UCP209-112D1**												**UC209-112D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Continued next page …

Units	Shaft Dia.
Metric	50 - 90 mm
Standard	1 13/16 - 3 1/2 in

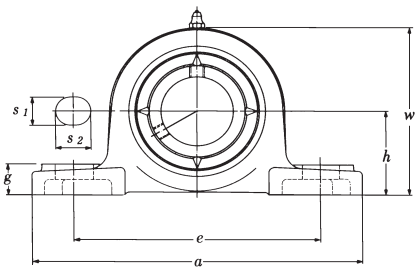


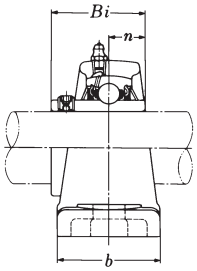


PILLOW BLOCK – 2 BOLT, SET SCREW, STANDARD DUTY (continued)

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
50	UCP210D1	57.2	206	159	60	20	23	21	114	51.6	19	M16	UC210D1	
1 13/16	UCP210-113D1												UC210-113D1	
1 7/8	UCP210-114D1	2 1/4	8 1/8	6 1/4	2 3/8	25/32	29/32	13/16	4 1/2	2.031	.748	5/8	UC210-114D1	P210D1
1 15/16	UCP210-115D1												UC210-115D1	
2	UCP210-200D1												UC210-200D1	
55	UCP211D1	63.5	219	171	60	20	23	23	126	55.6	22.2	M16	UC211D1	
2	UCP211-200D1												UC211-200D1	
2 1/16	UCP211-201D1	2 1/2	8 5/8	6 23/32	2 3/8	25/32	29/32	29/32	4 31/32	2.189	.874	5/8	UC211-201D1	P211D1
2 1/8	UCP211-202D1												UC211-202D1	
2 3/16	UCP211-203D1												UC211-203D1	
60	UCP212D1	69.8	241	184	70	20	23	25	138	65.1	25.4	M16	UC212D1	
2 1/4	UCP212-204D1												UC212-204D1	P212D1
2 3/8	UCP212-206D1	2 3/4	9 1/2	7 1/4	2 3/4	25/32	29/32	31/32	5 7/16	2.563	1.000	5/8	UC212-206D1	
2 7/16	UCP212-207D1												UC212-207D1	
65	UCP213D1	76.2	265	203	70	25	28	27	151	65.1	25.4	M20	UC213D1	P213D1
2 1/2	UCP213-208D1	3	10 7/16	8	2 3/4	31/32	1 3/32	1 1/16	5 15/16	2.563	1.000	3/4	UC213-208D1	
70	UCP214D1	79.4	266	210	72	25	28	27	157	74.6	30.2	M20	UC214D1	
2 11/16	UCP214-211D1	3 1/8	10 15/32	8 9/32	2 27/32	31/32	1 3/32	1 1/16	6 3/16	2.937	1.189	3/4	UC214-211D1	P214D1
2 3/4	UCP214-212D1												UC214-211D1	
75	UCP215D1	82.6	275	217	74	25	28	28	163	77.8	33.3	M20	UC215D1	
2 15/16	UCP215-215D1	3 1/4	10 13/16	8 17/32	2 29/32	31/32	1 3/32	1 3/32	6 13/32	3.063	1.311	3/4	UC215-215D1	P215D1
3	UCP215-300D1												UC215-300D1	
80	UCP216D1	88.9	292	232	78	25	28	30	175	82.6	33.3	M20	UC216D1	P216D1
3 1/8	UCP216-302D1	3 1/2	11 1/2	9 1/8	3 1/16	31/32	1 3/32	1 3/16	6 7/8	3.252	1.311	3/4	UC216-302D1	
85	UCP217D1	95.2	310	247	83	25	28	32	187	85.7	34.1	M20	UC217D1	P217D1
3 1/4	UCP217-304D1	3 3/4	12 7/32	9 23/32	3 9/32	31/32	1 3/32	1 1/4	7 3/8	3.374	1.343	3/4	UC217-304D1	
90	UCP218D1	101.6	327	262	88	27	30	33	200	96.0	39.7	M22	UC218D1	P218D1
3 1/2	UCP218-308D1	4	12 7/8	10 5/16	3 15/32	1 1/16	1 3/16	1 5/16	7 7/8	3.780	1.563	7/8	UC218-308D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





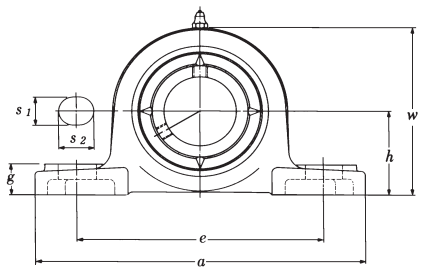
Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 2 in

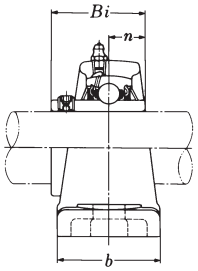
PILLOW BLOCK – 2 BOLT, SET SCREW, STANDARD DUTY, LOW BASE

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
20	**UCPL204D1**	31.7	127	95	38	13	16	14	64	31.0	12.7	M10	**UC204D1**	PL204D1
¾	**UCPL204-012D1**	1¼	5	3¾	1½	½	⅝	9/16	2 17/32	1.220	.500	⅜	**UC204-012D1**	
25	**UCPL205D1**	33.3	140	105	38	13	16	15	68	34.0	14.3	M10	**UC205D1**	
13/16	**UCPL205-013D1**												**UC205-013D1**	
⅞	**UCPL205-014D1**												**UC205-014D1**	PL205D1
15/16	**UCPL205-015D1**	1 5/16	5½	4⅛	1½	½	⅝	19/32	2 11/16	1.339	.563	⅜	**UC205-015D1**	
1	**UCPL205-100D1**												**UC205-100D1**	
30	**UCPL206D1**	39.6	165	121	48	17	20	17	80	38.1	15.9	M14	**UC206D1**	
1 1/16	**UCPL206-101D1**												**UC206-101D1**	
1⅛	**UCPL206-102D1**												**UC206-102D1**	PL206D1
1 3/16	**UCPL206-103D1**	1 9/16	6½	4¾	1⅞	21/32	25/32	21/32	3 5/32	1.500	.626	½	**UC206-103D1**	
1¼	**UCPL206-104D1**												**UC206-104D1**	
35	**UCPL207D1**	46.0	167	127	48	17	20	18	91	42.9	17.5	M14	**UC207D1**	
1¼	**UCPL207-104D1**												**UC207-104D1**	
1 5/16	**UCPL207-105D1**												**UC207-105D1**	PL207D1
1⅜	**UCPL207-106D1**	1 13/16	6 9/16	5	1⅞	21/32	25/32	23/32	3 19/32	1.689	.689	½	**UC207-106D1**	
1 7/16	**UCPL207-107D1**												**UC207-107D1**	
45	**UCPL209D1**	52.3	190	146	54	17	20	20	104	49.2	19.0	M14	**UC209D1**	
1⅝	**UCPL209-110D1**												**UC209-110D1**	
1 11/16	**UCPL209-111D1**	2 1/16	7 15/32	5¾	2⅛	21/32	25/32	25/32	4 3/32	1.937	.748	½	**UC209-111D1**	PL209D1
1¾	**UCPL209-112D1**												**UC209-112D1**	
50	**UCPL210D1**	55.5	206	159	60	20	23	21	112	51.6	19.0	M16	**UC210D1**	
1 13/16	**UCPL210-113D1**												**UC210-113D1**	
1⅞	**UCPL210-114D1**												**UC210-114D1**	
1 15/16	**UCPL210-115D1**	2 3/16	8⅛	6¼	2⅜	25/32	29/32	13/16	4 13/32	2.031	.748	⅝	**UC210-115D1**	PL210D1
2	**UCPL210-200D1**												**UC210-200D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.
UCPL204 and UCPL205 have solid bases.

Units	Shaft Dia.
Metric	25 - 70 mm
Standard	⅞ - 2¾ in



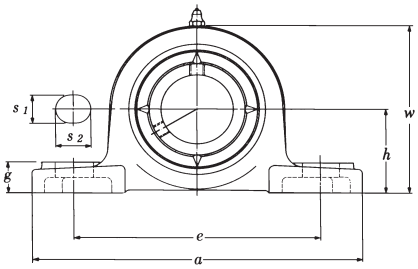


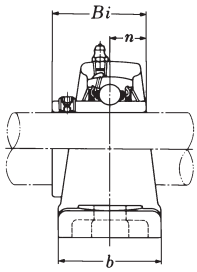
PILLOW BLOCK – 2 BOLT, SET SCREW, STANDARD DUTY, LOW BASE

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
25	**UCP305D1**	45	175	132	45	17	20	15	85	38	15	M14	**UC305D1**	
⅞	**UCP305-014D1**												**UC305-014D1**	P305D1
15⁄16	**UCP305-015D1**	1 25⁄32	6⅞	5 3⁄16	1 25⁄32	21⁄32	25⁄32	19⁄32	3 11⁄32	1.496	.591	½	**UC305-015D1**	
1	**UCP305-100D1**												**UC305-100D1**	
30	**UCP306D1**	50	180	140	50	17	20	18	95	43	17	M14	**UC306D1**	
1⅛	**UCP306-102D1**	1 31⁄32	7 3⁄32	5½	1 31⁄32	21⁄32	25⁄32	23⁄32	3¾	1.693	.669	½	**UC306-102D1**	P306D1
1 3⁄16	**UCP306-103D1**												**UC306-102D1**	
35	**UCP307D1**	56	210	160	56	17	25	20	106	48	19	M14	**UC307D1**	
1¼	**UCP307-104D1**												**UC307-104D1**	
1 5⁄16	**UCP307-105D1**	2 7⁄32	8 9⁄32	6 5⁄16	2 7⁄32	21⁄32	31⁄32	25⁄32	4 3⁄16	1.890	.748	½	**UC307-105D1**	P307D1
1⅜	**UCP307-106D1**												**UC307-106D1**	
1 7⁄16	**UCP307-107D1**												**UC307-107D1**	
40	**UCP308D1**	60	220	170	60	17	27	22	116	52	19	M14	**UC308D1**	P308D1
1½	**UCP308-108D1**	2⅜	8 21⁄32	6 11⁄16	2⅜	21⁄32	1 1⁄16	⅞	4 9⁄16	2.047	.748	½	**UC308-108D1**	
45	**UCP309D1**	67	245	190	67	20	30	24	129	57	22	M16	**UC309D1**	
1⅝	**UCP309-110D1**												**UC309-110D1**	
1 11⁄16	**UCP309-111D1**	2⅝	9 21⁄32	7 15⁄32	2⅝	25⁄32	1 3⁄16	15⁄16	5 3⁄32	2.244	.866	⅝	**UC309-111D1**	P309D1
1¾	**UCP309-112D1**												**UC309-112D1**	
50	**UCP310D1**	75	275	212	75	20	35	27	143	61	22	M16	**UC310D1**	
1⅞	**UCP310-114D1**	2 15⁄16	10 13⁄16	8 11⁄32	2 15⁄16	25⁄32	1⅜	1 1⁄16	5⅝	2.402	.866	⅝	**UC310-114D1**	P310D1
1 15⁄16	**UCP310-115D1**												**UC310-115D1**	
55	**UCP311D1**	80	310	236	80	20	38	30	154	66	25	M16	**UC311D1**	
2	**UCP311-200D1**												**UC311-200D1**	
2⅛	**UCP311-202D1**	3 5⁄32	12 7⁄32	9 9⁄32	3 5⁄32	25⁄32	1½	1 3⁄16	6 1⁄16	2.598	.984	⅝	**UC311-202D1**	P311D1
2 3⁄16	**UCP311-203D1**												**UC311-203D1**	
60	**UCP312D1**	85	330	250	85	25	38	32	165	71	26	M20	**UC312D1**	
2¼	**UCP312-204D1**												**UC312-204D1**	
2⅜	**UCP312-206D1**	3 11⁄32	13	9 27⁄32	3 11⁄32	31⁄32	1½	1¼	6½	2.795	1.024	¾	**UC312-206D1**	P312D1
2 7⁄16	**UCP312-207D1**												**UC312-207D1**	
65	**UCP313D1**	90	340	260	90	25	38	33	176	75	30	M20	**UC313D1**	P313D1
2½	**UCP313-208D1**	3 17⁄32	13⅜	10¼	3 17⁄32	31⁄32	1½	1 5⁄16	6 15⁄16	2.953	1.181	¾	**UC313-208D1**	
70	**UCP314D1**	95	360	280	90	27	40	35	187	78	33	M22	**UC314D1**	
2 11⁄16	**UCP314-211D1**	3¾	14 3⁄16	11 1⁄32	3 17⁄32	1 1⁄16	1 9⁄16	1⅜	7⅜	3.071	1.299	⅞	**UC314-211D1**	P314D1
2¾	**UCP314-212D1**												**UC314-212D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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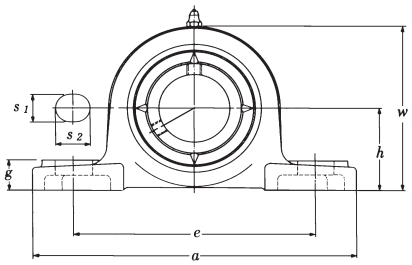
Units	Shaft Dia.
Metric	70 - 140 mm
Standard	2 11/16 - 4 in

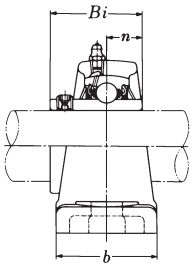
PILLOW BLOCK – 2 BOLT, SET SCREW, STANDARD DUTY, LOW BASE (continued)

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
75	**UCP315D1**	100	380	290	100	27	40	35	198	82	32	M22	**UC315D1**	
2 15/16	**UCP315-215D1**	3 15/16	14 31/32	11 13/32	3 15/16	1 1/16	1 9/16	1 3/8	7 25/32	3.228	1.260	7/8	**UC315-215D1**	P315D1
3	**UCP315-300D1**												**UC315-300D1**	
80	**UCP316D1**	106	400	300	110	27	40	40	210	86	34	M22	**UC316D1**	
3 1/8	**UCP316-302D1**	4 3/16	15 3/4	11 13/16	4 11/32	1 1/16	1 9/16	1 9/16	8 9/32	3.386	1.339	7/8	**UC316-302D1**	P316D1
3 3/16	**UCP316-303D1**												**UC316-303D1**	
85	**UCP317D1**	112	420	320	110	33	45	40	220	96	40	M27	**UC317D1**	P317D1
3 1/4	**UCP317-304D1**	4 13/32	16 17/32	12 19/32	4 11/32	1 5/16	1 25/32	1 9/16	8 21/32	3.780	1.575	1	**UC317-304D1**	
90	**UCP318D1**	118	430	330	110	33	45	45	235	96	40	M27	**UC318D1**	
3 7/16	**UCP318-307D1**	4 21/32	16 15/16	13	4 11/32	1 5/16	1 25/32	1 25/32	9 1/4	3.780	1.575	1	**UC318-307D1**	P318D1
3 1/2	**UCP318-308D1**												**UC318-308D1**	
95	**UCP319D1**	125	470	360	120	36	50	45	250	103	41	M30	**UC319D1**	P319D1
3 3/4	**UCP319-312D1**	4 29/32	18 1/2	14 3/16	4 23/32	1 13/32	1 31/32	1 25/32	9 27/32	4.055	1.614	1 1/8	**UC319-312D1**	
100	**UCP320D1**	140	490	380	120	36	50	50	275	108	42	M30	**UC320D1**	
3 15/16	**UCP320-315D1**	5 1/2	19 9/32	14 31/32	4 23/32	1 13/32	1 31/32	1 31/32	10 13/16	4.252	1.654	1 1/8	**UC320-315D1**	P320D1
4	**UCP320-400D1**												**UC320-400D1**	
105	**UCP321D1**	140	490	380	120	36	50	50	280	112	44	M30	**UC321D1**	P321D1
110	**UCP322D1**	150	520	400	140	40	55	55	300	117	46	M33	**UC322D1**	P322D1
120	**UCP324D1**	160	570	450	140	40	55	65	320	126	51	M33	**UC324D1**	P324D1
130	**UCP326D1**	180	600	480	140	40	55	75	355	135	54	M33	**UC326D1**	P326D1
140	**UCP328D1**	200	620	500	140	40	55	75	390	145	59	M33	**UC328D1**	P328D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Units	Shaft Dia.
Metric	25 - 55 mm
Standard	13/16 - 2 5/16 in



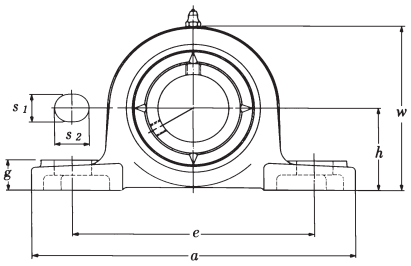


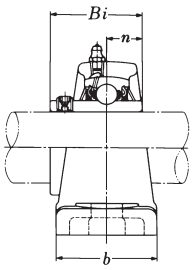
PILLOW BLOCK – 2 BOLT, SET SCREW, INTERMEDIATE DUTY

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
25	**UCPX05D1**	44.4	159	119	51	17	20	18	85	38.1	15.9	M14	**UCX05D1**	
13/16	**UCPX05-013D1**												**UCX05-013D1**	
7/8	**UCPX05-014D1**	1 3/4	6 1/4	4 11/16	2	21/32	25/32	23/32	3 11/32	1.500	0.626	1/2	**UCX05-014D1**	PX05D1
15/16	**UCPX05-015D1**												**UCX05-015D1**	
1	**UCPX05-100D1**												**UCX05-100D1**	
30	**UCPX06D1**	47.6	175	127	57	17	20	20	93	42.9	17.5	M14	**UCX06D1**	
1 1/16	**UCPX06-101D1**												**UCX06-101D1**	
1 1/8	**UCPX06-102D1**	1 7/8	6 7/8	5	2 1/4	21/32	25/32	25/32	21/32	1.689	0.689	1/2	**UCX06-102D1**	PX06D1
1 3/16	**UCPX06-103D1**												**UCX06-103D1**	
1 1/4	**UCPX06-104D1**												**UC207-104D1**	
35	**UCPX07D1**	54.0	203	144	57	17	20	21	105	49.2	19.0	M14	**UCX07D1**	
1 5/16	**UCPX07-105D1**												**UCX07-105D1**	PX07D1
1 3/8	**UCPX07-106D1**	2 1/8	8	5 21/32	2 1/4	21/32	25/32	13/16	4 1/8	1.937	0.748	1/2	**UCX07-106D1**	
1 7/16	**UCPX07-107D1**												**UCX07-107D1**	
40	**UCPX08D1**	58.7	222	156	67	20	23	26	111	49.2	19.0	M16	**UCX08D1**	
1 1/2	**UCPX08-108D1**	2 5/16	8 3/4	6 5/32	2 5/8	25/32	29/32	1 1/32	4 3/8	1.937	0.748	5/8	**UCX08-108D1**	PX08D1
1 9/16	**UCPX08-109D1**												**UCX08-109D1**	
45	**UCPX09D1**	58.7	222	156	67	20	23	26	116	51.6	19.0	M16	**UCX09D1**	
1 5/8	**UCPX09-110D1**												**UCX09-110D1**	
1 11/16	**UCPX09-111D1**	2 5/16	8 3/4	6 5/32	2 5/8	25/32	29/32	1 1/32	4 9/16	2.031	0.748	5/8	**UCX09-111D1**	PX09D1
1 3/4	**UCPX09-112D1**												**UCX09-112D1**	
1 13/16	**UCPX09-113D1**												**UC210-113D1**	
50	**UCPX10D1**	63.5	241	171	73	20	23	27	126	55.6	22.2	M16	**UCX10D1**	
1 7/8	**UCPX10-114D1**												**UCX10-114D1**	PX10D1
1 15/16	**UCPX10-115D1**	2 1/2	9 1/2	6 23/32	2 7/8	25/32	29/32	1 1/16	4 31/32	2.189	0.874	5/8	**UCX10-115D1**	
2	**UCPX10-200D1**												**UC211-200D1**	
55	**UCPX11D1**	69.8	260	184	79	25	28	30	137	65.1	25.4	M20	**UCX11D1**	
2 1/16	**UCPX11-201D1**												**UCX11-201D1**	
2 1/8	**UCPX11-202D1**												**UCX11-202D1**	PX11D1
2 3/16	**UCPX11-203D1**	2 3/4	10 1/4	7 1/4	3 1/8	31/32	1 3/32	1 3/16	5 13/32	2.563	1.000	3/4	**UCX11-203D1**	
2 1/4	**UCPX11-204D1**												**UC212-204D1**	
2 5/16	**UCPX11-205D1**												**UC212-205D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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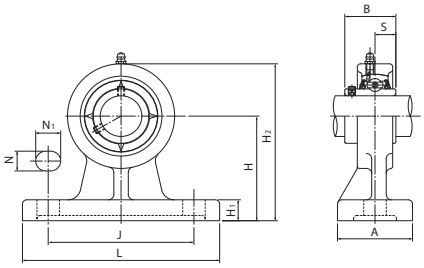
Units	Shaft Dia.
Metric	60 - 100 mm
Standard	2⅜ - 4 in

PILLOW BLOCK – 2 BOLT, SET SCREW, INTERMEDIATE DUTY (continued)

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
60	**UCPX12D1**	76.2	286	203	83	25	28	33	151	65.1	25.4	M20	**UCX12D1**	
2⅜	**UCPX12-206D1**												**UCX12-206D1**	
2⁷⁄₁₆	**UCPX12-207D1**	3	11¼	8	3⁹⁄₃₂	³¹⁄₃₂	1³⁄₃₂	1⁵⁄₁₆	5¹⁵⁄₁₆	2.563	1.000	¾	**UCX12-207D1**	PX12D1
65	**UCPX13D1**	76.2	286	203	83	25	28	33	154	74.6	30.2	M20	**UCX13D1**	
2½	**UCPX13-208D1**												**UCX13-208D1**	
2⁹⁄₁₆	**UCPX13-209D1**	3	11¼	8	3⁹⁄₃₂	³¹⁄₃₂	1³⁄₃₂	1⁵⁄₁₆	6¹⁄₁₆	2.937	1.189	¾	**UCX13-209D1**	PX13D1
70	**UCPX14D1**	88.9	330	229	89	27	30	35	170	77.8	33.3	M22	**UCX14D1**	
2⅝	**UCPX14-210D1**												**UCX14-210D1**	
2¹¹⁄₁₆	**UCPX14-211D1**	3½	13	9¹⁄₃₂	3½	1¹⁄₁₆	1³⁄₁₆	1⅜	6¹¹⁄₁₆	3.063	1.311	⅞	**UCX14-211D1**	PX14D1
2¾	**UCPX14-212D1**												**UCX14-212D1**	
75	**UCPX15D1**	88.9	330	229	89	27	30	35	175	82.6	33.3	M22	**UCX15D1**	
2¹³⁄₁₆	**UCPX15-213D1**												**UCX15-213D1**	
2⅞	**UCPX15-214D1**												**UCX15-214D1**	
2¹⁵⁄₁₆	**UCPX15-215D1**	3½	13	9¹⁄₃₂	3½	1¹⁄₁₆	1³⁄₁₆	1⅜	6⅞	3.252	1.311	⅞	**UCX15-215D1**	PX15D1
3	**UCPX15-300D1**												**UCX15-300D1**	
80	**UCPX16D1**	101.6	381	283	102	27	30	40	194	85.7	34.1	M22	**UCX16D1**	
3⅛	**UCPX16-302D1**												**UCX16-302D1**	
3³⁄₁₆	**UCPX16-303D1**	4	15	11⁵⁄₃₂	4¹⁄₃₂	1¹⁄₁₆	1³⁄₁₆	1⁹⁄₁₆	7⅞	3.374	1.343	⅞	**UCX16-303D1**	PX16D1
3¼	**UCPX16-304D1**												**UC217-304D1**	
85	**UCPX17D1**	101.6	381	283	102	27	30	40	200	96.0	39.7	M22	**UCX17D1**	
3⁵⁄₁₆	**UCPX17-305D1**	4	15	11⁵⁄₃₂	4¹⁄₃₂	1¹⁄₁₆	1³⁄₁₆	1⁹⁄₁₆	7⅞	3.780	1.563	⅞	**UCX17-305D1**	PX17D1
3⁷⁄₁₆	**UCPX17-307D1**												**UCX17-307D1**	
90	**UCPX18D1**	101.6	381	283	111	27	30	40	206	104.0	42.9	M22	**UCX18D1**	PX18D1
3½	**UCPX18-308D1**	4	15	11⁵⁄₃₂	4⅜	1¹⁄₁₆	1³⁄₁₆	1⁹⁄₁₆	8⅛	4.094	1.689	⅞	**UCX18-308D1**	
100	**UCPX20D1**	127.0	432	337	121	33	36	45	244	117.5	49.2	M27	**UCX20D1**	
3⅞	**UCPX20-314D1**												**UCX20-314D1**	
3¹⁵⁄₁₆	**UCPX20-315D1**	5	17	13³⁄₃₂	4¾	1⁵⁄₁₆	1¹³⁄₃₂	1²⁵⁄₃₂	9¹³⁄₃₂	4.626	1.937	1	**UCX20-315D1**	PX20D1
4	**UCPX20-400D1**												**UCX20-400D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

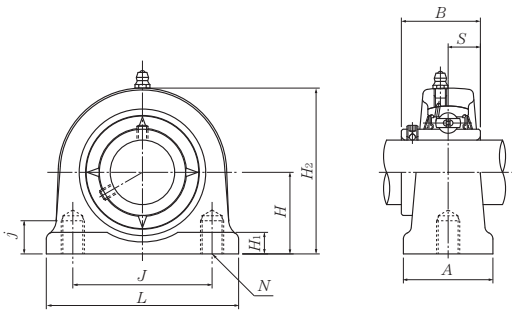
Units	Shaft Dia.
Metric	12 - 50 mm
Standard	½ - 2 in



PILLOW BLOCKS – 2 BOLT, SET SCREW, STANDARD DUTY, LOW BASE

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		H	L	J	A	N	N1	H_1	H_2	B	S			
12	**UCHP201D1**	70	127	95	40	13	19	13	101	31.0	12.7	M10	**UC201D1**	HP204D1
½	**UCHP201-008D1**	2¾	5	3¾	1 9/16	½	¾	½	3 31/32	1.221	0.500	⅜	**UC201-008D1**	
15	**UCHP202D1**	70	127	95	40	13	19	13	101	31.0	12.7	M10	**UC202D1**	
9/16	**UCHP202-009D1**	2¾	5	3¾	1 9/16	½	¾	½	3 31/32	1.221	0.500	⅜	**UC202-009D1**	HP204D1
⅝	**UCHP202-010D1**												**UC202-010D1**	
17	**UCHP203D1**	70	127	95	40	13	19	13	101	31.0	12.7	M10	**UC203D1**	HP204D1
11/16	**UCHP203-011D1**	2¾	5	3¾	1 9/16	½	¾	½	3 31/32	1.221	0.500	⅜	**UC203-011D1**	
20	**UCHP204D1**	70	127	95	40	13	19	13	101	31.0	12.7	M10	**UC204D1**	HP204D1
¾	**UCHP204-012D1**	2¾	5	3¾	1 9/16	½	¾	½	3 31/32	1.221	0.500	⅜	**UC204-012D1**	
25	**UCHP205D1**	80	142	105	50	13	19	13	114	34.1	14.3	M10	**UC205D1**	
13/16	**UCHP205-013D1**												**UC205-013D1**	
⅞	**UCHP205-014D1**												**UC205-014D1**	HP205D1
15/16	**UCHP205-015D1**	3 5/32	5 19/32	4⅛	1 31/32	½	¾	½	4½	1.343	0.563	⅜	**UC205-015D1**	
1	**UCHP205-100D1**												**UC205-100D1**	
30	**UCHP206D1**	90	165	120	50	17	21	16	130	38.1	15.9	M14	**UC206D1**	
1 1/16	**UCHP206-101D1**												**UC206-101D1**	
1⅛	**UCHP206-102D1**												**UC206-102D1**	HP206D1
1 3/16	**UCHP206-103D1**	3 35/64	6½	4 23/32	1 31/32	21/32	13/16	⅝	5⅛	1.500	0.626	½	**UC206-103D1**	
1¼	**UCHP206-104D1**												**UC206-104D1**	
35	**UCHP207D1**	95	166	127	60	17	21	18	140	42.9	17.5	M14	**UC207D1**	
1¼	**UCHP207-104D1**												**UC207-104D1**	
1 5/16	**UCHP207-105D1**												**UC207-105D1**	HP207D1
1⅜	**UCHP207-106D1**	3 47/64	6 17/32	5	2⅜	21/32	13/16	23/32	5½	1.689	0.689	½	**UC207-106D1**	
1 7/16	**UCHP207-107D1**												**UC207-107D1**	
40	**UCHP208D1**	100	184	136	70	17	21	20	150	49.2	19.0	M14	**UC208D1**	
1½	**UCHP208-108D1**	3 15/16	7¼	5 11/32	2¾	21/32	13/16	25/32	29/32	1.937	0.748	½	**UC208-108D1**	HP208D1
1 9/16	**UCHP208-109D1**												**UC208-109D1**	
45	**UCHP209D1**	105	190	146	70	17	22	20	158	49.2	19.0	M14	**UC209D1**	
1⅝	**UCHP209-110D1**												**UC209-110D1**	
1 11/16	**UCHP209-111D1**	4 9/64	7 15/32	5¾	2¾	21/32	⅞	25/32	6 7/32	1.937	0.748	½	**UC209-111D1**	HP209D1
1¾	**UCHP209-112D1**												**UC209-112D1**	
50	**UCHP210D1**	110	206	159	70	20	22	22	165	51.6	19.0	M16	**UC210D1**	
1 13/16	**UCHP210-113D1**												**UC210-113D1**	
1⅞	**UCHP210-114D1**												**UC210-114D1**	HP210D1
1 15/16	**UCHP210-115D1**	4 21/64	8⅛	6¼	2¾	25/32	⅞	⅞	6½	2.032	0.748	⅝	**UC210-115D1**	
2	**UCHP210-200D1**												**UC210-200D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.



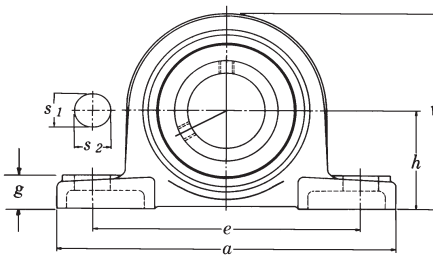
Units	Shaft Dia.
Metric	12 - 50 mm
Standard	½ - 2 in

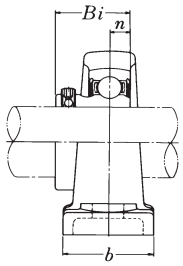
PILLOW BLOCK – 2 BOLT, SET SCREW, STANDARD DUTY, HIGH BASE

Shaft Dia.	Part Number	Nominal Dimensions										Insert Number	Housing Number
		H	L	J	A	j	H_1	H_2	B	S	N		
12	**UCUP201D1**	30.2	76	52	38	13	11	62	31.0	12.7	M10 × 1.5	**UC201D1**	UP204D1
½	**UCUP201-008D1**	1 3/16	3	2 1/16	1 ½	½	7/16	2 7/16	1.221	0.500	3/8	**UC201-008D1**	
15	**UCUP202D1**	30.2	76	52	38	13	11	62	31.0	12.7	M10 × 1.5	**UC202D1**	
9/16	**UCUP202-009D1**	1 3/16	3	2 1/16	1 ½	½	7/16	2 7/16	1.221	0.500	3/8	**UC202-009D1**	UP204D1
5/8	**UCUP202-010D1**											**UC202-010D1**	
17	**UCUP203D1**	30.2	76	52	38	13	11	62	31.0	12.7	M10 × 1.5	**UC203D1**	UP204D1
11/16	**UCUP203-011D1**	1 3/16	3	2 1/16	1 ½	½	7/16	2 7/16	1.221	0.500	3/8	**UC203-011D1**	
20	**UCUP204D1**	30.2	76	52	38	13	11	62	31.0	12.7	M10 × 1.5	**UC204D1**	UP204D1
3/4	**UCUP204-012D1**	1 3/16	3	2 1/16	1 ½	½	7/16	2 7/16	1.221	0.500	3/8	**UC204-012D1**	
25	**UCUP205D1**	36.5	84	56	38	15	12	72	34.1	14.3	M10 × 1.5	**UC205D1**	
13/16	**UCUP205-013D1**											**UC205-013D1**	
7/8	**UCUP205-014D1**	1 7/16	3 5/16	2 7/32	1 ½	19/32	15/32	2 27/32	1.343	0.563	3/8	**UC205-014D1**	UP205D1
15/16	**UCUP205-015D1**											**UC205-015D1**	
1	**UCUP205-100D1**											**UC205-100D1**	
30	**UCUP206D1**	42.9	94	66	48	18	12	84	38.1	15.9	M14 × 2	**UC206D1**	
1 1/16	**UCUP206-101D1**											**UC206-101D1**	
1 1/8	**UCUP206-102D1**	1 11/16	3 11/16	2 19/32	1 7/8	23/32	15/32	3 5/16	1.501	0.629	½	**UC206-102D1**	UP206D1
1 3/16	**UCUP206-103D1**											**UC206-103D1**	
1 ¼	**UCUP206-104D1**											**UC206-104D1**	
35	**UCUP207D1**	47.6	110	80	48	20	13	95	42.9	17.5	M14 × 2	**UC207D1**	
1 ¼	**UCUP207-104D1**											**UC207-104D1**	
1 5/16	**UCUP207-105D1**	1 7/8	4 11/32	3 5/32	1 7/8	25/32	½	3 ¾	1.690	0.689	½	**UC207-105D1**	UP207D1
1 3/8	**UCUP207-106D1**											**UC207-106D1**	
1 7/16	**UCUP207-107D1**											**UC207-107D1**	
40	**UCUP208D1**	49.2	116	84	54	20	13	100	49.2	19.0	M14 × 2	**UC208D1**	
1 ½	**UCUP208-108D1**	1 15/16	4 9/16	3 5/16	2 1/8	25/32	½	3 15/16	1.937	0.748	½	**UC208-108D1**	UP208D1
1 9/16	**UCUP208-109D1**											**UC208-109D1**	
45	**UCUP209D1**	54.2	120	90	54	25	13	108	49.2	19.0	M14 × 2	**UC209D1**	
1 5/8	**UCUP209-110D1**											**UC209-110D1**	
1 11/16	**UCUP209-111D1**	2 9/64	4 23/32	3 17/32	2 1/8	31/32	½	4 ¼	1.937	0.748	½	**UC209-111D1**	UP209D1
1 ¾	**UCUP209-112D1**											**UC209-112D1**	
50	**UCUP210D1**	57.2	130	94	60	25	14	116	51.6	19.0	M16 x 2	**UC210D1**	
1 13/16	**UCUP210-113D1**											**UC210-113D1**	
1 7/8	**UCUP210-114D1**	2 ¼	5 1/8	3 11/16	2 3/8	31/32	9/16	4 9/16	2.032	0.748	5/8	**UC210-114D1**	UP210D1
1 15/16	**UCUP210-115D1**											**UC210-115D1**	
2	**UCUP210-200D1**											**UC210-200D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

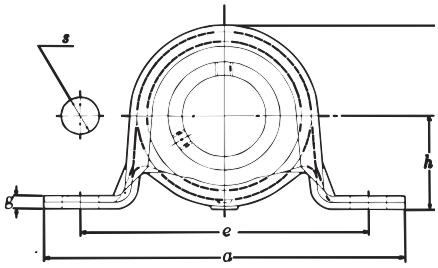


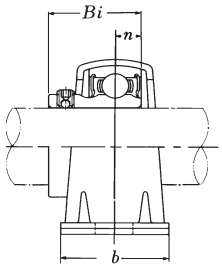


PILLOW BLOCK – 2 BOLT, SET SCREW, NARROW COLLAR, LOW BASE

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Bi	n			
12	**ASPL201**	26.9	121	89	35	11	14	13	54	22	6	M10	**AS201**	PL201
½	**ASPL201-008**	1 1⁄16	4¾	3½	1⅜	7⁄16	9⁄16	½	2⅛	.866	.236	⅜	**AS201-008**	
15	**ASPL202**	26.9	121	89	35	11	14	13	54	22	6	M10	**AS202**	
9⁄16	**ASPL202-009**	1 1⁄16	4¾	3½	1⅜	7⁄16	9⁄16	½	2⅛	.866	.236	⅜	**AS202-009**	PL201
⅝	**ASPL202-010**												**AS202-010**	
17	**ASPL203**	26.9	121	89	35	11	14	13	54	22	6	M10	**AS203**	PL201
11⁄16	**ASPL203-011**	1 1⁄16	4¾	3½	1⅜	7⁄16	9⁄16	½	2⅛	.866	.236	⅜	**AS203-011**	
20	**ASPL204**	31.8	127	95	38	13	16	14	64	25	7	M10	**AS204**	PL204
¾	**ASPL204-012**	1¼	5	3¾	1½	½	⅝	9⁄16	2 17⁄32	.984	.276	⅜	**AS204-012**	
25	**ASPL205**	33.3	140	105	38	13	16	15	68	27	7.5	M10	**AS205**	
13⁄16	**ASPL205-013**												**AS205-013**	
⅞	**ASPL205-014**	1 5⁄16	5½	4⅛	1½	½	⅝	19⁄32	2 11⁄16	1.063	.295	⅜	**AS205-014**	PL205
15⁄16	**ASPL205-015**												**AS205-015**	
1	**ASPL205-100**												**AS205-100**	
30	**ASPL206**	39.7	165	121	48	17	20	17	80	29	8	M14	**AS206**	
1 1⁄16	**ASPL206-101**												**AS206-101**	
1⅛	**ASPL206-102**	1 9⁄16	6½	4¾	1⅞	21⁄32	25⁄32	21⁄32	3 3⁄32	1.142	.315	½	**AS206-102**	PL206
1 3⁄16	**ASPL206-103**												**AS206-103**	
1¼	**ASPL206-104**												**AS206-104**	
35	**ASPL207**	46.0	167	127	48	17	20	18	91	34	8.5	M14	**AS207**	
1¼	**ASPL207-104**												**AS207-104**	
1 5⁄16	**ASPL207-105**	1 13⁄16	6 9⁄16	5	1⅞	21⁄32	25⁄32	23⁄32	3 19⁄32	1.339	.335	½	**AS207-105**	PL207
1⅜	**ASPL207-106**												**AS207-106**	
1 7⁄16	**ASPL207-107**												**AS207-107**	

Note: ASPL201 - ASPL205 have a solid base





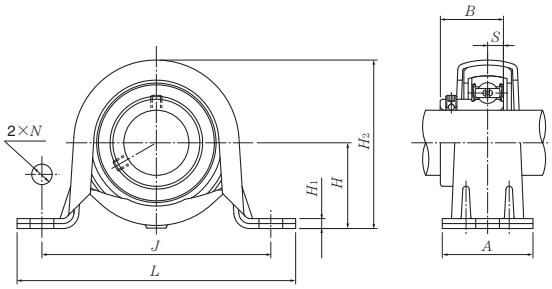
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

PILLOW BLOCK – 2 BOLT, SET SCREW, NARROW COLLAR, PRESSED STEEL HOUSING

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		h	a	e	b	s	g	w	Bi	n			
12	**ASPP201**	22.2	86	68	25	9.5	3.2	43.8	22	6	M8	**AS202**	PP203
½	**ASPP201-008**	7⁄8	3 3⁄8	2 11⁄16	3 1⁄32	3⁄8	.126	1 23⁄32	.866	.236	5⁄16	**AS201-008**	
15	**ASPP202**	22.2	86	68	25	9.5	3.2	43.8	22	6	M8	**AS202**	PP203
9⁄16	**ASPP202-009**	7⁄8	3 3⁄8	2 11⁄16	3 1⁄32	3⁄8	.126	1 23⁄32	.866	.236	5⁄16	**AS202-009**	
5⁄8	**ASPP202-010**											**AS202-010**	
17	**ASPP203**	22.2	86	68	25	9.5	3.2	43.8	22	6	M8	**AS203**	PP203
11⁄16	**ASPP203-011**	7⁄8	3 3⁄8	2 11⁄16	3 1⁄32	3⁄8	.126	1 23⁄32	.866	.236	5⁄16	**AS203-011**	
20	**ASPP204**	25.4	98	76	32	9.5	3.2	50.5	25	7	M8	**AS204**	PP204
3⁄4	**ASPP204-012**	1	3 27⁄32	3	1 1⁄4	3⁄8	.126	2	.984	.276	5⁄16	**AS204-012**	
25	**ASPP205**	28.6	108	86	32	11	4.0	56.6	27	7.5	M10	**AS205**	PP205
13⁄16	**ASPP205-013**											**AS205-013**	
7⁄8	**ASPP205-014**	1 1⁄8	4 1⁄4	3 3⁄8	1 1⁄4	7⁄16	.157	2 7⁄32	1.063	.295	3⁄8	**AS205-014**	
15⁄16	**ASPP205-015**											**AS205-015**	
1	**ASPP205-100**											**AS205-100**	
30	**ASPP206**	33.3	117	95	38	11	4.0	66.3	29	8	M10	**AS206**	PP206
1⁄16	**ASPP206-101**											**AS206-101**	
1 1⁄8	**ASPP206-102**	1 5⁄16	4 19⁄32	3 3⁄4	1 1⁄2	7⁄16	.157	2 5⁄8	1.142	.315	3⁄8	**AS206-102**	
1 3⁄16	**ASPP206-103**											**AS206-103**	
1 1⁄4	**ASPP206-104**											**AS206-104**	
35	**ASPP207**	39.7	129	106	42	11	4.6	78.0	34	8.5	M10	**AS207**	PP207
1 1⁄4	**ASPP207-104**											**AS207-104**	
1 5⁄16	**ASPP207-105**	1 9⁄16	5 3⁄32	4 3⁄16	1 21⁄32	7⁄16	.181	3 1⁄16	1.339	.335	3⁄8	**AS207-105**	
1 3⁄8	**ASPP207-106**											**AS207-106**	
1 7⁄16	**ASPP207-107**											**AS207-107**	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat.

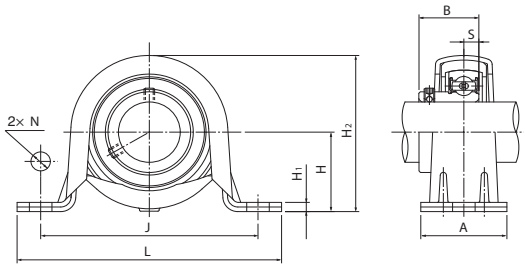
Units	Shaft Dia.
Metric	12 - 30 mm
Standard	½ - 1¼ in



PILLOW BLOCK – 2 BOLT, SET SCREW, NARROW COLLAR, PRESSED STEEL HOUSING/RUBBER RING

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number	
		H	L	J	A	N	H_1	H_2	B	S			Rubber Ring	Steel
12	**ASRPP201**	25.4	98	76	32	9.5	3.2	50.5	22	6	M 8	**AS201**	R201	PP204
½	**ASRPP201-008**	1	3 27/32	3	1¼	⅜	0.126	2	0.866	0.236	5/16	**AS201-008**		
15	**ASRPP202**	25.4	98	76	32	9.5	3.2	50.5	22	6	M 8	**AS202**		
9/16	**ASRPP202-009**											**AS202-009**	R201	PP204
5/8	**ASRPP202-010**	1	3 27/32	3	1¼	⅜	0.126	2	0.866	0.236	5/16	**AS202-010**		
17	**ASRPP203**	25.4	98	76	32	9.5	3.2	50.5	22	6	M 8	**AS203**	R201	PP204
11/16	**ASRPP203-011**	1	3 27/32	3	1¼	⅜	0.126	2	0.866	0.236	5/16	**AS203-011**		
20	**ASRPP204**	28.6	108	86	32	11.5	4.0	56.6	25	7	M10	**AS204**	R204	PP205
¾	**ASRPP204-012**	1⅛	4¼	3⅜	1¼	29/64	0.157	2 3/32	0.984	0.276	⅜	**AS204-012**		
25	**ASRPP205**	33.3	117	95	38	11.5	4.0	66.3	27	7.5	M10	**AS205**		
13/16	**ASRPP205-013**											**AS205-013**		
⅞	**ASRPP205-014**											**AS205-014**	R205	PP206
15/16	**ASRPP205-015**	1 5/16	4 19/32	3¾	1½	29/64	0.157	2⅝	1.063	0.295	⅜	**AS205-015**		
1	**ASRPP205-100**											**AS205-100**		
30	**ASRPP206**	39.7	129	106	42	11.5	4.6	78.0	29	8	M10	**AS206**		
1 1/16	**ASRPP206-101**											**AS206-101**		
1⅛	**ASRPP206-102**											**AS206-102**	R206	PP207
1 3/16	**ASRPP206-103**	1 9/16	5 3/32	4 3/16	1 21/32	29/64	0.181	3 1/16	1.142	0.315	⅜	**AS206-103**		
1¼	**ASRPP206-104**											**AS206-104**		

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat.



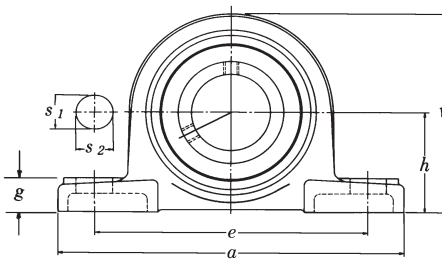
Units	Shaft Dia.
Metric	12 - 40 mm
Standard	½ - 1 9/16 in

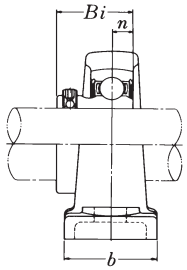
PILLOW BLOCK – 2 BOLT, SET SCREW, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		H	L	J	A	N	N_1	H_1	H_2	L_1	B	S			
12	**ASPB201D1**	30.2	114	87	25	11	16	12	57	38	22	6	M8	**AS201D1**	PB201D1
½	**ASPB201-008D1**	1 3/16	4½	3 7/16	31/32	7/16	5/8	15/32	2¼	1½	0.866	0.236	5/16	**AS201-008D1**	
15	**ASPB202D1**	30.2	114	87	25	11	16	12	57	38	22	6	M8	**AS202D1**	
9/16	**ASPB202-009D1**	1 3/16	4½	3 7/16	31/32	7/16	5/8	15/32	2¼	1½	0.866	0.236	5/16	**AS202-009D1**	PB201D1
5/8	**ASPB202-010D1**													**AS202-010D1**	
17	**ASPB203D1**	30.2	114	87	25	11	16	12	57	38	22	6	M8	**AS203D1**	PB201D1
11/16	**ASPB203-011D1**	1 3/16	4½	3 7/16	31/32	7/16	5/8	15/32	2¼	1½	0.866	0.236	5/16	**AS203-011D1**	
20	**ASPB204D1**	33.3	125	97	27	11	16	13	65	40	25	7	M8	**AS204D1**	PB204D1
¾	**ASPB204-012D1**	1 5/16	4 29/32	3 13/16	1 1/16	7/16	5/8	½	2 9/16	1 9/16	0.984	0.276	5/16	**AS204-012D1**	
25	**ASPB205D1**	36.5	130	100	29	11	16	13	71	42	27	7.5	M8	**AS205D1**	
13/16	**ASPB205-013D1**													**AS205-013D1**	
7/8	**ASPB205-014D1**													**AS205-014D1**	
15/16	**ASPB205-015D1**	1 7/16	5 1/8	3 15/16	1 5/32	7/16	5/8	½	2 25/32	1 21/32	1.063	0.295	5/16	**AS205-015D1**	PB205D1
1	**ASPB205-100D1**													**AS205-100D1**	
30	**ASPB206D1**	42.9	156	120	33	14	21	14	83	52	29	8	M12	**AS206D1**	
1 1/16	**ASPB206-101D1**													**AS206-101D1**	
1⅛	**ASPB206-102D1**													**AS206-102D1**	
1 3/16	**ASPB206-103D1**	1 11/16	6 5/32	4 23/32	1 5/16	9/16	13/16	9/16	3 9/32	2 1/16	1.142	0.315	½	**AS206-103D1**	PB206D1
1¼	**ASPB206-104D1**													**AS206-104D1**	
35	**ASPB207D1**	47.6	165	127	35	14	21	16	93	52	34	8.5	M12	**AS207D1**	
1¼	**ASPB207-104D1**													**AS207-104D1**	
1 5/16	**ASPB207-105D1**													**AS207-105D1**	
1⅜	**ASPB207-106D1**	1⅞	6½	5	1⅜	9/16	13/16	5/8	3 21/32	2 1/16	1.339	0.335	½	**AS207-106D1**	PB207D1
1 7/16	**ASPB207-107D1**													**AS207-107D1**	
40	**ASPB208D1**	50.8	184	140	37	14	22	18	102	52	38	9	M12	**AS208D1**	
1½	**ASPB208-108D1**	2	7¼	5½	1 15/32	9/16	⅞	23/32	4 1/32	2 1/16	1.496	0.354	½	**AS208-108D1**	PB208D1
1 9/16	**ASPB208-109D1**													**AS208-109D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Units	Shaft Dia.
Metric	20 - 75 mm
Standard	¾ - 3 in

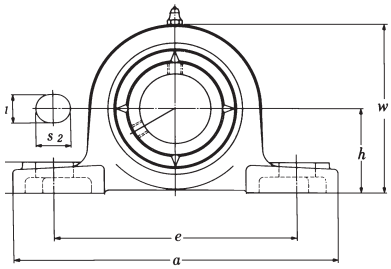


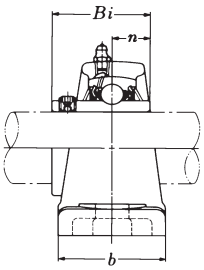


PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, STANDARD DUTY

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Di	L	n			
20	UELP204D1	33.3	127	95	38	13	16	14	65	33.3	43.7	17.1	M10	UEL204D1	P204D1
¾	UELP204-012D1	1 5/16	5	3 3/4	1 1/2	1/2	5/8	9/16	2 9/16	1.310	1.720	.673	3/8	UEL204-012D1	
25	UELP205D1	36.5	140	105	38	13	16	15	71	38.1	44.4	17.5	M10	UEL205D1	
13/16	UELP205-013D1													UEL205-013D1	
7/8	UELP205-014D1	1 7/16	5 1/2	4 1/8	1 1/2	1/2	5/8	19/32	2 25/32	1.500	1.748	.689	3/8	UEL205-014D1	P205D1
15/16	UELP205-015D1													UEL205-015D1	
1	UELP205-100D1													UEL205-100D1	
30	UELP206D1	42.9	165	121	48	17	20	17	83	44.5	48.4	18.3	M14	UEL206D1	
1 1/16	UELP206-101D1													UEL206-101D1	
1 1/8	UELP206-102D1	1 11/16	6 1/2	4 3/4	1 7/8	21/32	25/32	21/32	3 3/32	1.750	1.906	.720	1/2	UEL206-102D1	P206D1
1 3/16	UELP206-103D1													UEL206-103D1	
1 1/4	UELP206-104D1													UEL206-104D1	
35	UELP207D1	47.6	167	127	48	17	20	18	93	55.6	51.1	18.8	M14	UEL207D1	
1 1/4	UELP207-104D1													UEL207-104D1	
1 5/16	UELP207-105D1	1 7/8	6 9/16	5	1 7/8	21/32	25/32	23/32	3 21/32	2.190	2.012	.740	1/2	UEL207-105D1	P207D1
1 3/8	UELP207-106D1													UEL207-106D1	
1 7/16	UELP207-107D1													UEL207-107D1	
40	UELP208D1	49.2	184	137	54	17	20	18	98	60.2	56.3	21.4	M14	UEL208D1	
1 1/2	UELP208-108D1	1 15/16	7 1/4	5 13/32	2 1/8	21/32	25/32	23/32	3 27/32	2.370	2.217	.843	1/2	UEL208-108D1	P208D1
1 9/16	UELP208-109D1													UEL208-109D1	
45	UELP209D1	54.0	190	146	54	17	20	20	106	63.5	56.3	21.4	M14	UEL209D1	
1 5/8	UELP209-110D1													UEL209-110D1	
1 11/16	UELP209-111D1	2 1/8	7 15/32	5 3/4	2 1/8	21/32	25/32	25/32	4 3/16	2.500	2.217	.843	1/2	UEL209-111D1	P209D1
1 3/4	UELP209-112D1													UEL209-112D1	
50	UELP210D1	57.2	206	159	60	20	23	21	114	69.9	62.7	24.6	M16	UEL210D1	
1 13/16	UELP210-113D1													UEL210-113D1	
1 7/8	UELP210-114D1	2 1/4	8 1/8	6 1/4	2 3/8	25/32	29/32	13/16	4 1/2	2.750	2.469	.969	5/8	UEL210-114D1	P210D1
1 15/16	UELP210-115D1													UEL210-115D1	
2	UELP210-200D1													UEL210-200D1	
55	UELP211D1	63.5	219	171	60	20	23	23	126	76.2	71.4	27.8	M16	UEL211D1	
2	UELP211-200D1													UEL211-200D1	
2 1/16	UELP211-201D1	2 1/2	8 5/8	6 23/32	2 3/8	25/32	29/32	29/32	4 31/32	3.000	2.811	1.094	5/8	UEL211-201D1	P211D1
2 1/8	UELP211-202D1													UEL211-202D1	
2 3/16	UELP211-203D1													UEL211-203D1	
60	UELP212D1	69.8	241	184	70	20	23	25	138	84.1	77.8	31.0	M16	UEL212D1	
2 1/4	UELP212-204D1													UEL212-204D1	
2 3/8	UELP212-206D1	2 3/4	9 1/2	7 1/4	2 3/4	25/32	29/32	31/32	5 7/16	3.310	3.063	1.220	5/8	UEL212-206D1	P212D1
2 7/16	UELP212-207D1													UEL212-207D1	
65	UELP213D1	76.2	265	203	70	25	28	27	151	97.0	85.7	34.1	M20	UEL213D1	P213D1
2 1/2	UELP213-208D1	3	10 7/16	8	2 3/4	31/32	1 3/32	1 1/16	5 15/16	3.820	3.374	1.344	3/4	UEL213-208D1	
70	UELP214D1	79.4	266	210	72	25	28	27	157	97.0	85.7	34.1	M20	UEL214D1	
2 11/16	UELP214-211D1	3 1/8	10 15/32	8 9/32	2 27/32	31/32	1 3/32	1 1/16	6 3/16	3.820	3.374	1.344	3/4	UEL214-211D1	P214D1
2 3/4	UELP214-212D1													UEL214-212D1	
75	UELP215D1	82.6	275	217	74	25	28	28	163	97.0	92.0	37.3	M20	UEL215D1	
2 15/16	UELP215-215D1	3 1/4	10 13/16	8 17/32	2 29/32	31/32	1 3/32	1 3/32	6 13/32	3.820	3.622	1.469	3/4	UEL215-215D1	P215D1
3	UELP215-300D1													UEL215-300D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





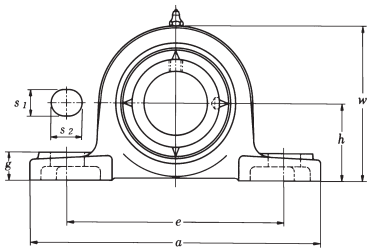
Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 2 in

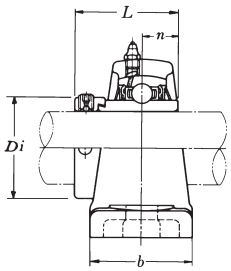
PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, STANDARD DUTY, LOW BASE

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	Di	l	n			
20	**UELPL204D1**	31.7	127	95	38	13	16	14	64	33.3	43.7	17.1	M10	**UEL204D1**	PL204D1
¾	**UELPL204-012D1**	1¼	5	3¾	1½	½	⅝	9/16	2 17/32	1.310	1.920	.673	⅜	**UEL204-012D1**	
25	**UELPL205D1**	33.3	140	105	38	13	16	15	68	38.1	44.4	17.5	M10	**UEL205D1**	
13/16	**UELPL205-013D1**													**UEL205-013D1**	
⅞	**UELPL205-014D1**													**UEL205-014D1**	
15/16	**UELPL205-015D1**	1 5/16	5½	4⅛	1½	½	⅝	19/32	2 11/16	1.500	1.748	.689	⅜	**UEL205-015D1**	PL205D1
1	**UELPL205-100D1**													**UEL205-100D1**	
30	**UELPL206D1**	39.6	165	121	48	17	20	17	80	44.5	48.4	18.3	M14	**UEL206D1**	
1 1/16	**UELPL206-101D1**													**UEL206-101D1**	
1⅛	**UELPL206-102D1**													**UEL206-102D1**	
1 3/16	**UELPL206-103D1**	1 9/16	6½	4¾	1⅞	21/32	25/32	21/32	3 5/32	1.750	1.906	.720	½	**UEL206-103D1**	PL206D1
1¼	**UELPL206-104D1**													**UEL206-104D1**	
35	**UELPL207D1**	46.0	167	127	48	17	20	18	91	55.6	51.1	18.8	M14	**UEL207D1**	
1¼	**UELPL207-104D1**													**UEL207-104D1**	
1 5/16	**UELPL207-105D1**													**UEL207-105D1**	
1⅜	**UELPL207-106D1**	1 13/16	6 3/16	5	1⅞	21/32	25/32	23/32	3 19/32	2.190	2.012	.740	½	**UEL207-106D1**	PL207D1
1 7/16	**UELPL207-107D1**													**UEL207-107D1**	
45	**UELPL209D1**	52.3	190	146	54	17	20	20	104	63.5	56.3	21.4	M14	**UEL209D1**	
1⅝	**UELPL209-110D1**													**UEL209-110D1**	
1 11/16	**UELPL209-111D1**	2 1/16	7 15/32	5¾	2⅛	21/32	25/32	25/32	4 3/32	2.500	2.217	.843	½	**UEL209-111D1**	PL209D1
1¾	**UELPL209-112D1**													**UEL209-112D1**	
50	**UELPL210D1**	55.5	206	159	60	20	23	21	112	69.9	62.7	24.6	M16	**UEL210D1**	
1 13/16	**UELPL210-113D1**													**UEL210-113D1**	
1⅞	**UELPL210-114D1**													**UEL210-114D1**	
1 15/16	**UELPL210-115D1**	2 3/16	8⅛	6¼	2⅜	25/32	29/32	13/16	4 13/32	2.750	2.469	.969	⅝	**UEL210-115D1**	PL210D1
2	**UELPL210-200D1**													**UEL210-200D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. UELPL204 and UELPL205 have solid bases.

Units	Shaft Dia.
Metric	25 - 65 mm
Standard	⅞ - 2½ in



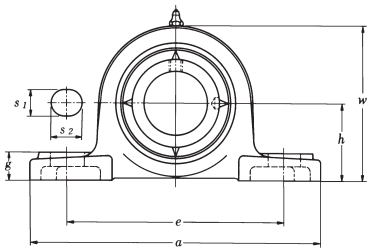


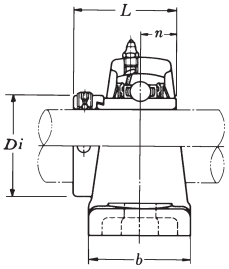
PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, HEAVY DUTY

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		h	a	C	b	S_1	S_2	g	w	Di	L	n			
25	**UELP305D1**	45	175	132	45	17	20	15	85	42.8	46.8	16.7	M14	**UEL305D1**	
⅞	**UELP305-014D1**													**UEL305-014D1**	P305D1
15⁄16	**UELP305-015D1**	1 49⁄64	6 7⁄8	5 3⁄16	1 25⁄32	21⁄32	25⁄32	18⁄32	3 11⁄32	1.690	1.843	.657	½	**UEL305-015D1**	
1	**UELP305-100D1**													**UEL305-100D1**	
30	**UELP306D1**	50	180	140	50	17	20	18	95	50.0	50.0	17.5	M14	**UEL306D1**	
1⅛	**UELP306-102D1**	1 31⁄32	7 3⁄32	5½	1 31⁄32	21⁄32	25⁄32	23⁄32	3¾	1.970	1.969	.689	½	**UEL306-102D1**	P306D1
1 3⁄16	**UELP306-103D1**													**UEL306-103D1**	
35	**UELP307D1**	56	210	160	56	17	25	20	106	55.0	51.6	18.3	M14	**UEL307D1**	
1¼	**UELP307-104D1**													**UEL307-104D1**	
1 5⁄16	**UELP307-105D1**													**UEL307-105D1**	P307D1
1⅜	**UELP307-106D1**	2 13⁄64	8 9⁄32	6 5⁄16	2 7⁄32	21⁄32	31⁄32	25⁄32	4 3⁄16	2.170	2.031	.720	½	**UEL307-106D1**	
1 7⁄16	**UELP307-107D1**													**UEL307-107D1**	
40	**UELP308D1**	60	220	170	60	17	27	22	116	63.5	57.1	19.8	M14	**UEL308D1**	P308D1
1½	**UELP308-108D1**	2 23⁄64	8 21⁄32	6 11⁄16	2⅜	21⁄32	1 1⁄16	7/8	4 9⁄16	2.500	2.248	.780	½	**UEL308-108D1**	
45	**UELP309D1**	67	245	190	67	20	30	24	129	70.0	58.7	19.8	M16	**UEL309D1**	
1⅝	**UELP309-110D1**													**UEL309-110D1**	
1 11⁄16	**UELP309-111D1**	2 41⁄64	9 21⁄32	7 15⁄32	2⅝	25⁄32	1 3⁄16	15⁄16	5 3⁄32	2.760	2.311	.780	⅝	**UEL309-111D1**	P309D1
1¾	**UELP309-112D1**													**UEL309-112D1**	
50	**UELP310D1**	75	275	212	75	20	35	27	143	76.2	66.6	24.6	M16	**UEL310D1**	
1⅞	**UELP310-114D1**	2 61⁄64	10 13⁄16	8 11⁄32	2 15⁄16	25⁄32	1⅜	1 1⁄16	5⅝	3.000	2.622	.969	⅝	**UEL310-114D1**	P310D1
1 15⁄16	**UELP310-115D1**													**UEL310-115D1**	
55	**UELP311D1**	80	310	236	80	20	38	30	154	83.0	73.0	27.8	M16	**UEL311D1**	
2	**UELP311-200D1**													**UEL311-200D1**	
2⅛	**UELP311-202D1**	3 5⁄32	12 7⁄32	9 9⁄32	3 5⁄32	25⁄32	1½	1 3⁄16	6 1⁄16	3.270	2.874	1.094	⅝	**UEL311-202D1**	P311D1
2 3⁄16	**UELP311-203D1**													**UEL311-203D1**	
60	**UELP312D1**	85	330	250	85	25	38	32	165	89.0	79.4	30.9	M20	**UEL312D1**	
2¼	**UELP312-204D1**													**UEL312-204D1**	
2⅜	**UELP312-206D1**	3 11⁄32	13	9 27⁄32	3 11⁄32	31⁄32	1½	1¼	6½	3.500	3.126	1.219	¾	**UEL312-206D1**	P312D1
2 7⁄16	**UELP312-207D1**													**UEL312-207D1**	
65	**UELP313D1**	90	340	260	90	25	38	33	176	97.0	85.7	32.5	M20	**UEL313D1**	P313D1
2½	**UELP313-208D1**	3 35⁄64	13⅜	10¼	3 17⁄32	31⁄32	1½	1 5⁄16	6 15⁄16	3.820	3.374	1.281	¾	**UEL313-208D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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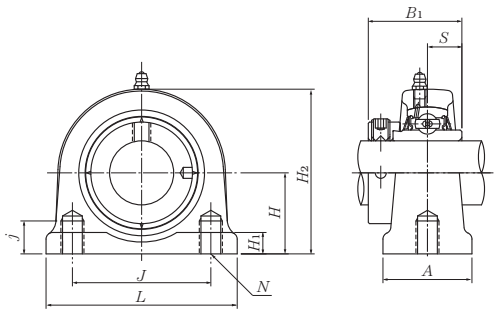
Units	Shaft Dia.
Metric	70 - 110 mm
Standard	$2\frac{11}{16}$ - 4 in

PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, HEAVY DUTY (continued)

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		h	a	C	b	S_1	S_2	g	w	Di	L	n			
70	**UELP314D1**	95	360	280	90	27	40	35	187	102	92.1	34.1	M22	**UEL314D1**	
$2\frac{11}{16}$	**UELP314-211D1**	$3\frac{47}{64}$	$14\frac{3}{16}$	$11\frac{1}{32}$	$3\frac{17}{32}$	$1\frac{1}{16}$	$1\frac{9}{16}$	$1\frac{3}{8}$	$7\frac{3}{8}$	4.000	3.626	1.344	$\frac{7}{8}$	**UEL314-211D1**	P314D1
$2\frac{3}{4}$	**UELP314-212D1**													**UEL314-212D1**	
75	**UELP315D1**	100	380	290	100	27	40	35	198	113	100.0	37.3	M22	**UEL315D1**	
$2\frac{15}{16}$	**UELP315-215D1**	$3\frac{15}{16}$	$14\frac{31}{32}$	$11\frac{13}{32}$	$3\frac{15}{16}$	$1\frac{1}{16}$	$1\frac{9}{16}$	$1\frac{3}{8}$	$7\frac{25}{32}$	4.450	3.937	1.469	$\frac{7}{8}$	**UEL315-215D1**	P315D1
3	**UELP315-300D1**													**UEL315-300D1**	
80	**UELP316D1**	106	400	300	110	27	40	40	210	119	106.4	40.5	M22	**UEL316D1**	
$3\frac{1}{8}$	**UELP316-302D1**	$4\frac{11}{64}$	$15\frac{3}{4}$	$11\frac{13}{16}$	$4\frac{11}{32}$	$1\frac{1}{16}$	$1\frac{9}{16}$	$1\frac{9}{16}$	$8\frac{9}{32}$	4.690	4.189	1.594	$\frac{7}{8}$	**UEL316-302D1**	P316D1
$3\frac{3}{16}$	**UELP316-303D1**													**UEL316-303D1**	
85	**UELP317D1**	112	420	320	110	33	45	40	220	127	109.5	42.0	M27	**UEL317D1**	P317D1
$3\frac{1}{4}$	**UELP317-304D1**	$4\frac{13}{32}$	$16\frac{17}{32}$	$12\frac{19}{32}$	$4\frac{11}{32}$	$1\frac{5}{16}$	$1\frac{25}{32}$	$1\frac{9}{16}$	$8\frac{21}{32}$	5.000	4.311	1.656	1	**UEL317-304D1**	
90	**UELP318D1**	118	430	330	110	33	45	45	235	133	115.9	43.6	M27	**UEL318D1**	
$3\frac{7}{16}$	**UELP318-307D1**	$4\frac{41}{64}$	$16\frac{15}{16}$	13	$4\frac{11}{32}$	$1\frac{5}{16}$	$1\frac{25}{32}$	$1\frac{25}{32}$	$9\frac{1}{4}$	5.240	4.563	1.719	1	**UEL318-307D1**	P318D1
$3\frac{1}{2}$	**UELP318-308D1**													**UEL318-308D1**	
95	**UELP319D1**	125	470	360	120	36	50	45	250	140	122.3	38.9	M30	**UEL319D1**	P319D1
$3\frac{3}{4}$	**UELP319-312D1**	$4\frac{59}{64}$	$18\frac{1}{2}$	$14\frac{3}{16}$	$4\frac{23}{32}$	$1\frac{13}{32}$	$1\frac{31}{32}$	$1\frac{25}{32}$	$9\frac{27}{32}$	5.500	4.815	1.531	$1\frac{1}{8}$	**UEL319-312D1**	
100	**UELP320D1**	140	490	380	120	36	50	50	275	146	128.6	50.0	M30	**UEL320D1**	
$3\frac{15}{16}$	**UELP320-315D1**	$5\frac{33}{64}$	$19\frac{9}{32}$	$14\frac{31}{32}$	$4\frac{23}{32}$	$1\frac{13}{32}$	$1\frac{31}{32}$	$1\frac{31}{32}$	$10\frac{13}{16}$	5.750	5.063	1.969	$1\frac{1}{8}$	**UEL320-315D1**	P320D1
4	**UELP320-400D1**													**UEL320-400D1**	
105	**UELP321D1**	140	490	380	120	36	50	50	280	157	139.7	48.4	M30	**UEL321D1**	P321D1
110	**UELP322D1**	150	520	400	140	40	55	55	300	168	141.3	49.2	M33	**UEL322D1**	P322D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

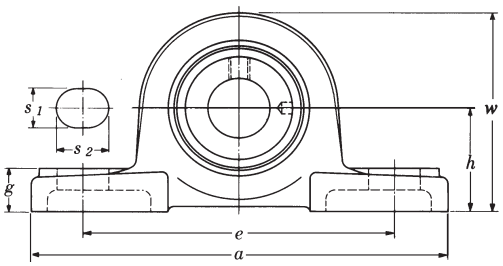
Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 2 in

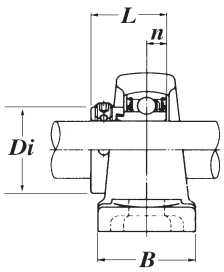


PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, STANDARD DUTY, HIGH BASE

Shaft Dia.	Part Number	Nominal Dimensions										Insert Number	Housing Number
		H	L	J	A	j	H_1	H_2	B_1	S	N		
20	**UELUP204D1W3**	30.2	76	52	38	13	11	62	43.7	17.1	M10 × 1.5	**UEL204D1W3**	UP204D1
¾	**UELUP204-012D1W3**	1 3/16	3	2 1/16	1 1/2	1/2	7/16	2 7/16	1.720	0.673	3/8	**UEL204-012D1W3**	
25	**UELUP205D1W3**	36.5	84	56	38	15	12	72	44.4	17.4	M10 × 1.5	**UEL205D1W3**	
13/16	**UELUP205-013D1W3**											**UEL205-013D1W3**	
7/8	**UELUP205-014D1W3**	1 7/16	3 5/16	2 7/32	1 1/2	19/32	15/32	2 27/32	1.748	0.687	3/8	**UEL205-014D1W3**	UP205D1
15/16	**UELUP205-015D1W3**											**UEL205-015D1W3**	
1	**UELUP205-100D1W3**											**UEL205-100D1W3**	
30	**UELUP206D1W3**	42.9	94	66	48	18	12	84	48.4	18.2	M14 × 2	**UEL206D1W3**	
1 1/16	**UELUP206-101D1W3**											**UEL206-101D1W3**	
1 1/8	**UELUP206-102D1W3**	1 11/16	3 11/16	2 19/32	1 7/8	23/32	15/32	3 5/16	1.906	0.719	1/2	**UEL206-102D1W3**	UP206D1
1 3/16	**UELUP206-103D1W3**											**UEL206-103D1W3**	
1 1/4	**UELUP206-104D1W3**											**UEL206-104D1W3**	
35	**UELUP207D1W3**	47.6	110	80	48	20	13	95	51.1	18.8	M14 × 2	**UEL207D1W3**	
1 1/4	**UELUP207-104D1W3**											**UEL207-104D1W3**	
1 5/16	**UELUP207-105D1W3**	1 7/8	4 11/32	3 5/32	1 7/8	25/32	1/2	3 3/4	2.012	0.740	1/2	**UEL207-105D1W3**	UP207D1
1 3/8	**UELUP207-106D1W3**											**UEL207-106D1W3**	
1 7/16	**UELUP207-107D1W3**											**UEL207-107D1W3**	
40	**UELUP208D1W3**	49.2	116	84	54	20	13	100	56.3	21.4	M14 × 2	**UEL208D1W3**	
1 1/2	**UELUP208-108D1W3**	1 15/16	4 9/16	3 5/16	2 1/8	25/32	1/2	3 15/16	2.217	0.843	1/2	**UEL208-108D1W3**	UP208D1
1 9/16	**UELUP208-109D1W3**											**UEL208-109D1W3**	
45	**UELUP209D1W3**	54.2	120	90	54	25	13	108	56.3	21.4	M14 × 2	**UEL209D1W3**	
1 5/8	**UELUP209-110D1W3**											**UEL209-110D1W3**	
1 11/16	**UELUP209-111D1W3**	2 1/8	4 23/32	3 17/32	2 1/8	31/32	1/2	4 1/4	2.217	0.843	1/2	**UEL209-111D1W3**	UP209D1
1 3/4	**UELUP209-112D1W3**											**UEL209-112D1W3**	
50	**UELUP210D1W3**	57.2	130	94	60	25	14	116	62.7	24.6	M16 × 2	**UEL210D1W3**	
1 13/16	**UELUP210-113D1W3**											**UEL210-113D1W3**	
1 7/8	**UELUP210-114D1W3**	2 1/4	5 1/8	3 11/16	2 3/8	31/32	9/16	4 9/16	2.469	0.969	5/8	**UEL210-114D1W3**	UP210D1
1 15/16	**UELUP210-115D1W3**											**UEL210-115D1W3**	
2	**UELUP210-200D1W3**											**UEL210-200D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.



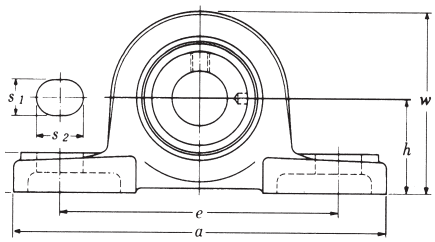


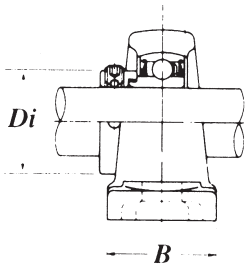
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, NARROW COLLAR, LOW BASE

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		h	a	e	B	S_1	S_2	g	w	Di	L	n			
12	**JELPL201**	26.9	121	89	35	11	14	13	54	29.0	28.6	6.5	M10	**JEL201**	PL201
½	**JELPL201-008**	1 1⁄16	4 3⁄4	3½	1 3⁄8	7⁄16	9⁄16	½	2 1⁄8	1.140	1.126	.256	3⁄8	**JEL201-008**	
15	**JELPL202**	26.9	121	89	35	11	14	13	54	29.0	28.6	6.5	M10	**JEL202**	PL201
9⁄16	**JELPL202-009**	1 1⁄16	4 3⁄4	3½	1 3⁄8	7⁄16	9⁄16	½	2 1⁄8	1.140	1.126	.256	3⁄8	**JEL202-009**	
5⁄8	**JELPL202-010**													**JEL202-010**	
17	**JELPL203**	26.9	121	89	35	11	14	13	54	29.0	28.6	6.5	M10	**JEL203**	PL201
11⁄16	**JELPL203-011**	1 1⁄16	4 3⁄4	3½	1 3⁄8	7⁄16	9⁄16	½	2 1⁄8	1.140	1.126	.256	3⁄8	**JEL203-011**	
20	**JELPL204**	31.7	127	95	38	13	16	14	64	33.3	31.0	7.5	M10	**JEL204**	PL204
¾	**JELPL204-012**	1 1⁄4	5	3 3⁄4	1 1⁄2	1⁄2	5⁄8	9⁄16	2 17⁄32	1.310	1.220	.295	3⁄8	**JEL204-012**	
25	**JELPL205**	33.3	140	105	38	13	16	15	68	38.1	31.0	7.5	M10	**JEL205**	PL205
13⁄16	**JELPL205-013**													**JEL205-013**	
7⁄8	**JELPL205-014**	1 15⁄16	5½	4 1⁄8	1½	1⁄2	5⁄8	19⁄32	2 11⁄16	1.500	1.220	.295	3⁄8	**JEL205-014**	
15⁄16	**JELPL205-015**													**JEL205-015**	
1	**JELPL205-100**													**JEL205-100**	
30	**JELPL206**	39.6	165	121	48	17	20	17	80	44.5	35.7	9	M14	**JEL206**	PL206
1 1⁄16	**JELPL206-101**													**JEL206-101**	
1 1⁄8	**JELPL206-102**	1 9⁄16	6 1⁄2	4 3⁄4	1 7⁄8	21⁄32	25⁄32	21⁄32	3 5⁄32	1.750	1.406	.354	½	**JEL206-102**	
1 3⁄16	**JELPL206-103**													**JEL206-103**	
1¼	**JELPL206-104**													**JEL206-104**	
35	**JELPL207**	46.0	167	127	48	17	20	18	91	55.6	38.9	9.5	M14	**JEL207**	PL207
1¼	**JELPL207-104**													**JEL207-104**	
1 5⁄16	**JELPL207-105**	1 13⁄16	6 9⁄16	5	1 7⁄8	21⁄32	25⁄32	23⁄32	3 19⁄32	2.190	1.531	.374	½	**JEL207-105**	
1 3⁄8	**JELPL207-106**													**JEL207-106**	
1 7⁄16	**JELPL207-107**													**JEL207-107**	

Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 1 15/16 in

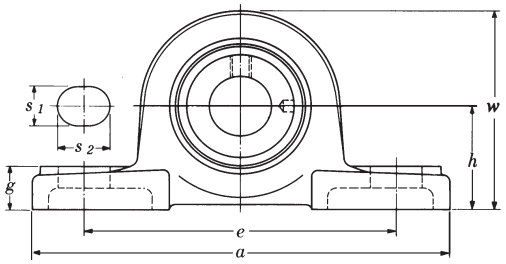


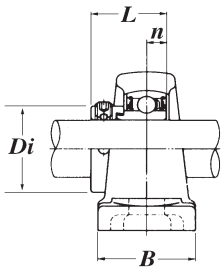


PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		h	a	e	B	S_1	S_2	g	w	Di	L	n			
20	**AELP204D1**	33.3	127	95	38	13	16	14	65.0	33.3	31.0	7.5	M10	**AEL204D1**	P204D1
¾	**AELP204-012D1**	1 5/16	5	3¾	1½	½	5/8	9/16	2 7/16	1.310	1.220	.295	⅜	**AEL204-012D1**	
25	**AELP205D1**	36.5	140	105	38	13	16	15	70.6	38.1	31.0	7.5	M10	**AEL205D1**	
13/16	**AELP205-013D1**													**AEL205-013D1**	
⅞	**AELP205-014D1**													**AEL205-014D1**	
15/16	**AELP205-015D1**	1 7/16	5½	4⅛	1½	½	5/8	19/32	2 25/32	1.500	1.220	.295	⅜	**AEL205-015D1**	P205D1
1	**AELP205-100D1**													**AEL205-100D1**	
30	**AELP206D1**	42.8	165	121	48	17	20	17	83.3	44.5	35.7	9	M14	**AEL206D1**	
1 1/16	**AELP206-101D1**													**AEL206-101D1**	
1⅛	**AELP206-102D1**													**AEL206-102D1**	
1 3/16	**AELP206-103D1**	1 11/16	6½	4¾	1⅞	21/32	25/32	21/32	3 3/32	1.750	1.406	.354	½	**AEL206-103D1**	P206D1
1¼	**AELP206-104D1**													**AEL206-104D1**	
35	**AELP207D1**	47.6	167	127	48	17	20	18	92.8	55.6	38.9	9.5	M14	**AEL207D1**	
1¼	**AELP207-104D1**													**AEL207-104D1**	
1 5/16	**AELP207-105D1**													**AEL207-105D1**	
1⅜	**AELP207-106D1**	1⅞	6 9/16	5	1⅞	21/32	25/32	21/32	3 21/32	2.190	1.531	.374	½	**AEL207-106D1**	P207D1
1 7/16	**AELP207-107D1**													**AEL207-107D1**	
40	**AELP208D1**	49.2	184	137	54	17	20	18	98.0	52.0	43.7	11	M14	**AEL208D1**	
1½	**AELP208-108D1**	1 15/16	7¼	5⅜	2⅛	21/32	25/32	21/32	3 27/32	2.370	1.719	.433	½	**AEL208-108D1**	P208D1
1 9/16	**AELP208-109D1**													**AEL208-109D1**	
45	**AELP209D1**	54.0	190	146	54	17	20	20	106.0	60.0	49.2	19	M14	**AEL209D1**	
1 5/8	**AELP209-110D1**													**AEL209-110D1**	
1 11/16	**AELP209-111D1**	2⅛	7 15/32	5¾	2⅛	21/32	25/32	25/32	4 3/16	2.375	1.937	.748	½	**AEL209-111D1**	P209D1
1¾	**AELP209-112D1**													**AEL209-112D1**	
50	**AELP210D1**	57.2	206	159	60	20	23	21	114.0	65.0	51.6	19	M16	**AEL210D1**	
1 13/16	**AELP210-113D1**													**AEL210-113D1**	
1⅞	**AELP210-114D1**	2¼	8⅛	6¼	2⅜	25/32	29/32	13/16	4½	2.563	2.031	.748	⅜	**AEL210-114D1**	P210D1
1 15/16	**AELP210-115D1**													**AEL210-115D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





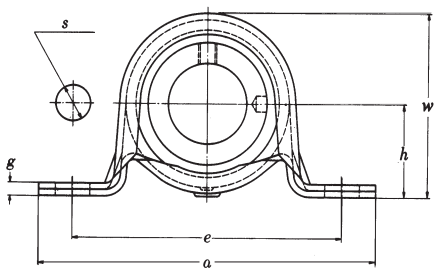
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

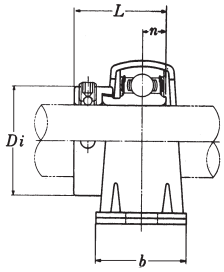
PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, NARROW COLLAR, LOW BASE

Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size	Insert Number	Housing Number
		h	a	e	B	S_1	S_2	g	w	Di	L	n			
12	**AELPL201**	26.9	121	89	35	11	14	13	54	29.0	28.6	6.5	M10	**AEL201**	PL201
½	**AELPL201-008**	1 1⁄16	4 3⁄4	3 1⁄2	1 3⁄8	7⁄16	9⁄16	½	2 1⁄8	1.140	1.126	.256	3⁄8	**AEL201-008**	
15	**AELPL202**	26.9	121	89	35	11	14	13	54	29.0	28.6	6.5	M10	**AEL202**	PL201
9⁄16	**AELPL202-009**	1 1⁄16	4 3⁄4	3 1⁄2	1 3⁄8	7⁄16	9⁄16	½	2 1⁄8	1.140	1.126	.256	3⁄8	**AEL202-009**	
5⁄8	**AELPL202-010**													**AEL202-010**	
17	**AELPL203**	26.9	121	89	35	11	14	13	54	29.0	28.6	6.5	M10	**AEL203**	PL201
11⁄16	**AELPL203-011**	1 1⁄16	4 3⁄4	3 1⁄2	1 3⁄8	7⁄16	9⁄16	½	2 1⁄8	1.140	1.126	.256	3⁄8	**AEL203-011**	
20	**AELPL204**	31.7	127	95	38	13	16	14	64	33.3	31.0	7.5	M10	**AEL204**	PL204
3⁄4	**AELPL204-012**	1 1⁄4	5	3 3⁄4	1 1⁄2	½	5⁄8	9⁄16	2 17⁄32	1.310	1.220	.295	3⁄8	**AEL204-012**	
25	**AELPL205**	33.3	140	105	38	13	16	15	68	38.1	31.0	7.5	M10	**AEL205**	PL205
13⁄16	**AELPL205-013**	1 5⁄16	5 1⁄2	4 1⁄8	1 1⁄2	½	5⁄8	19⁄32	2 11⁄16	1.500	1.220	.295	3⁄8	**AEL205-013**	
7⁄8	**AELPL205-014**													**AEL205-014**	
15⁄16	**AELPL205-015**													**AEL205-015**	
1	**AELPL205-100**													**AEL205-100**	
30	**AELPL206**	39.6	165	121	48	17	20	17	80	44.5	35.7	9	M14	**AEL206**	PL206
1 1⁄16	**AELPL206-101**	1 9⁄16	6 1⁄2	4 3⁄4	1 7⁄8	21⁄32	25⁄32	21⁄32	3 5⁄32	1.750	1.406	.354	½	**AEL206-101**	
1 1⁄8	**AELPL206-102**													**AEL206-102**	
1 3⁄16	**AELPL206-103**													**AEL206-103**	
1 1⁄4	**AELPL206-104**													**AEL206-104**	
35	**AELPL207**	46.0	167	127	48	17	20	18	91	55.6	38.9	9.5	M14	**AEL207**	PL207
1 1⁄4	**AELPL207-104**	1 13⁄16	6 9⁄16	5	1 7⁄8	21⁄32	25⁄32	23⁄32	3 19⁄32	2.190	1.531	.374	½	**AEL207-104**	
1 5⁄16	**AELPL207-105**													**AEL207-105**	
1 3⁄8	**AELPL207-106**													**AEL207-106**	
1 7⁄16	**AELPL207-107**													**AEL207-107**	

Note: AELPL201 - AELPL205 have a solid base

Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

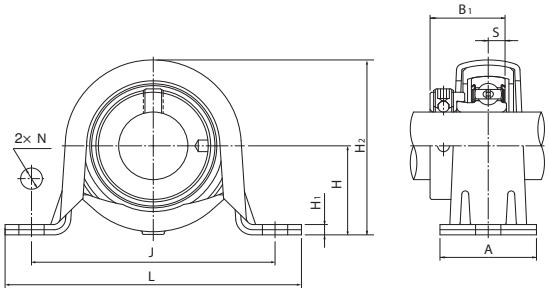




PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, NARROW COLLAR, PRESSED STEEL HOUSING

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		h	a	e	b	s	g	w	L	n			
12	**AELPP201**	22.2	86	68	25	9.5	3.2	43.8	28.6	6.5	M8	**AEL201**	PP203
½	**AELPP201-008**	⅞	3⅜	2 11⁄16	31⁄32	⅜	.126	1 23⁄32	1.126	.256	5⁄16	**AEL201-008**	
15	**AELPP202**	22.2	86	68	25	9.5	3.2	43.8	28.6	6.5	M8	**AEL202**	
9⁄16	**AELPP202-009**	⅞	3⅜	2 11⁄16	31⁄32	⅜	.126	1 23⁄32	1.126	.256	5⁄16	**AEL202-009**	PP203
⅝	**AELPP202-010**											**AEL202-010**	
17	**AELPP203**	22.2	86	68	25	9.5	3.2	43.8	28.6	6.5	M8	**AEL203**	PP203
11⁄16	**AELPP203-011**	⅞	3⅜	2 11⁄16	31⁄32	⅜	.126	1 23⁄32	1.126	.256	5⁄16	**AEL203-011**	
20	**AELPP204**	25.4	98	76	32	9.5	3.2	50.5	31	7.5	M8	**AEL204**	PP204
¾	**AELPP204-012**	1	3 27⁄32	3	1¼	⅜	.126	2	1.220	.295	5⁄16	**AEL204-012**	
25	**AELPP205**	28.6	108	86	32	11	4.0	56.6	31	7.5	M10	**AEL205**	
13⁄16	**AELPP205-013**											**AEL205-013**	
⅞	**AELPP205-014**	1⅛	4¼	3⅜	1¼	7⁄16	.157	2 7⁄32	1.220	.295	⅜	**AEL205-014**	PP205
15⁄16	**AELPP205-015**											**AEL205-015**	
1	**AELPP205-100**											**AEL205-100**	
30	**AELPP206**	33.3	117	95	38	11	4.0	66.3	35.7	9	M10	**AEL206**	
1 1⁄16	**AELPP206-101**											**AEL206-101**	
1⅛	**AELPP206-102**	1 5⁄16	4 19⁄32	3¾	1½	7⁄16	.157	2⅝	1.406	.354	⅜	**AEL206-102**	PP206
1 3⁄16	**AELPP206-103**											**AEL206-103**	
1¼	**AELPP206-104**											**AEL206-104**	
35	**AELPP207**	39.7	129	106	42	11	4.6	78.0	38.9	9.5	M10	**AEL207**	
1¼	**AELPP207-104**											**AEL207-104**	
1 5⁄16	**AELPP207-105**	1 9⁄16	5 3⁄32	4 3⁄16	1 21⁄32	7⁄16	.181	3 1⁄16	1.531	.374	⅜	**AEL207-105**	PP207
1⅜	**AELPP207-106**											**AEL207-106**	
1 7⁄16	**AELPP207-107**											**AEL207-107**	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat.



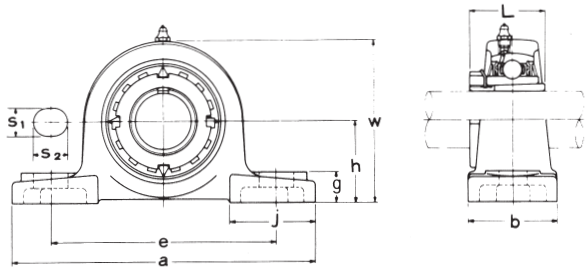
Units	Shaft Dia.
Metric	12 - 30 mm
Standard	½ - 1¼ in

PILLOW BLOCK – 2 BOLT, ECCENTRIC LOCK, NARROW COLLAR, PRESSED STEEL HOUSING, RUBBER RING

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number	
		H	L	J	A	N	H_1	H_2	B_1	S			Rubber Ring	Steel
12	**AELRPP201W3**	25.4	98	76	32	9.5	3.2	50.5	28.6	6.5	M 8	**AEL201W3**	R201	PP204
½	**AELRPP201-008W3**	1	3 27/32	3	1¼	⅜	0.126	2	1.126	0.256	5/16	**AEL201-008W3**		
15	**AELRPP202W3**	25.4	98	76	32	9.5	3.2	50.5	28.6	6.5	M 8	**AEL202W3**		
9/16	**AELRPP202-009W3**	1	3 27/32	3	1¼	⅜	0.126	2	1.126	0.256	5/16	**AEL202-009W3**	R201	PP204
⅝	**AELRPP202-010W3**											**AEL202-010W3**		
17	**AELRPP203W3**	25.4	98	76	32	9.5	3.2	50.5	28.6	6.5	M 8	**AEL203W3**	R201	PP204
11/16	**AELRPP203-011W3**	1	3 27/32	3	1¼	⅜	0.126	2	1.126	0.256	5/16	**AEL203-011W3**		
20	**AELRPP204W3**	28.6	108	86	32	11.5	4.0	56.6	31.0	7.5	M10	**AEL204W3**	R204	PP205
¾	**AELRPP204-012W3**	1⅛	4¼	3⅜	1¼	29/64	0.157	2 1/32	1.220	0.295	⅜	**AEL204-012W3**		
25	**AELRPP205W3**	33.3	117	95	38	11.5	4.0	66.3	31.0	7.5	M10	**AEL205W3**		
13/16	**AELRPP205-013W3**											**AEL205-013W3**		
⅞	**AELRPP205-014W3**	1 5/16	4 19/32	3¾	1½	29/64	0.157	2⅝	1.220	0.295	⅜	**AEL205-014W3**	R205	PP206
15/16	**AELRPP205-015W3**											**AEL205-015W3**		
1	**AELRPP205-100W3**											**AEL205-100W3**		
30	**AELRPP206W3**	39.7	129	106	42	11.5	4.6	78.0	35.7	9	M10	**AEL206W3**		
1 1/16	**AELRPP206-101W3**											**AEL206-101W3**		
1⅛	**AELRPP206-102W3**	1 9/16	5 3/32	4 3/16	1 21/32	29/64	0.181	3 1/16	1.406	0.354	⅜	**AEL206-102W3**	R206	PP207
1 3/16	**AELRPP206-103W3**											**AEL206-103W3**		
1¼	**AELRPP206-104W3**											**AEL206-104W3**		

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less. The mounting surface should be flat.
W3 suffix indicates set screw, cup point.

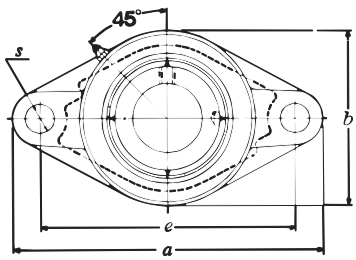
Units	Shaft Dia.
Metric	20 - 80 mm
Standard	¾ - 3 1⁄16 in

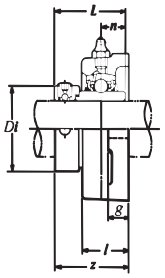


PILLOW BLOCK – 2 BOLT, TAPERED BORE

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		h	a	e	b	S_1	S_2	g	w	L	j			
20	UKP205D1 ; H2305X	36.5	140	105	38	13	16	15	71	35	42	M10	UK205D1 ; H2305X	P205D1
¾	UKP205D1 ; HE2305	1 7⁄16	5 1⁄2	4 1⁄2	1 1⁄2	1⁄2	5⁄8	19⁄32	2 25⁄32	1.378	1 21⁄32	3⁄8	UK205D1 ; HE2305	
25	UKP206D1 ; H2306X	42.9	165	121	48	17	20	17	83	38	54	M14	UK206D1 ; H2306X	P206D1
7⁄8	UKP206D1 ; HS2306	1 11⁄16	6 1⁄2	4 3⁄4	1 7⁄8	21⁄32	25⁄32	21⁄32	3 3⁄32	1.496	2 1⁄8	1⁄2	UK206D1 ; HS2306	
1	UKP206D1 ; HE2306X												UK206D1 ; HE2306X	
30	UKP207D1 ; H2307X	47.6	167	127	48	17	20	18	93	43	54	M14	UK207D1 ; H2307X	P207D1
1 1⁄8	UKP207D1 ; HS2307	1 7⁄8	6 9⁄16	5	1 7⁄8	21⁄32	25⁄32	23⁄32	3 21⁄32	1.693	2 1⁄8	1⁄2	UK207D1 ; HS2307	
35	UKP208D1 ; H2308X	49.2	184	137	54	17	20	18	98	46	52	M14	UK208D1 ; H2308X	P208D1
1 1⁄4	UKP208D1 ; HE2308	1 15⁄16	7 1⁄4	5 13⁄32	2 1⁄8	21⁄32	25⁄32	25⁄32	3 27⁄32	1.811	2 1⁄16	1⁄2	UK208D1 ; HE2308	
1 3⁄8	UKP208D1 ; HS2308X												UK208D1 ; HS2308X	
40	UKP209D1 ; H2309X	54.0	190	146	54	17	20	20	106	50	60	M14	UK209D1 ; H2309X	P209D1
1 7⁄16	UKP209D1 ; HA2309												UK209D1 ; HA2309	
1 1⁄2	UKP209D1 ; HE2309X	2 1⁄8	7 15⁄32	5 3⁄4	2 1⁄8	21⁄32	25⁄32	25⁄32	4 3⁄16	1.969	2 3⁄8	1⁄2	UK209D1 ; HE2309X	
1 5⁄8	UKP209D1 ; HS2309X												UK209D1 ; HS2309X	
45	UKP210D1 ; H2310X	57.2	206	159	60	20	23	21	114	55	65	M16	UK210D1 ; H2310X	P210D1
1 5⁄8	UKP210D1 ; HS2310												UK210D1 ; HS2310	
1 11⁄16	UKP210D1 ; HA2310	2 1⁄4	8 1⁄8	6 1⁄4	2 3⁄8	25⁄32	29⁄32	13⁄16	4 1⁄2	2.165	1 9⁄16	5⁄8	UK210D1 ; HA2310	
1 3⁄4	UKP210D1 ; HE2310X												UK210D1 ; HE2310X	
50	UKP211D1 ; H2311X	63.5	219	171	60	20	23	23	126	59	65	M16	UK211D1 ; H2311X	P211D1
1 7⁄8	UKP211D1 ; HS2311												UK211D1 ; HS2311	
1 15⁄16	UKP211D1 ; HA2311	2 1⁄2	8 5⁄8	6 23⁄32	2 3⁄8	25⁄32	29⁄32	29⁄32	4 32⁄32	2.323	2 9⁄16	5⁄8	UK211D1 ; HA2311	
2	UKP211D1 ; HE2311XY												UK211D1 ; HE2311XY	
55	UKP212D1 ; H2312X	69.8	241	184	70	20	23	25	138	62	70	M16	UK212D1 ; H2312X	P212D1
2 1⁄8	UKP212D1 ; HS2312	2 3⁄4	9 1⁄2	7 1⁄4	2 3⁄4	25⁄32	29⁄32	31⁄32	5 1⁄16	2.441	2 3⁄4	5⁄8	UK212D1 ; HS2312	
60	UKP213D1 ; H2313X	76.2	265	203	70	25	28	27	151	65	77	M20	UK213D1 ; H2313X	P213D1
2 3⁄16	UKP213D1 ; HA2313												UK213D1 ; HA2313	
2 1⁄4	UKP213D1 ; HE2313	3	10 7⁄16	8	2 3⁄4	31⁄32	1 3⁄32	1 1⁄16	5 15⁄16	2.559	3 1⁄32	3⁄4	UK213D1 ; HE2313	
2 3⁄8	UKP213D1 ; HS2313												UK213D1 ; HS2313	
65	UKP215D1 ; H2315X	82.6	275	217	74	25	28	27	151	65	77	M20	UK215D1 ; H2315X	P215D1
2 7⁄16	UKP215D1 ; HA2315	3 1⁄4	10 13⁄16	8 17⁄32	2 29⁄32	31⁄32	1 3⁄32	1 3⁄32	6 13⁄32	2.874	3 5⁄32	3⁄4	UK215D1 ; HA2315	
2 1⁄2	UKP215D1 ; HE2315												UK215D1 ; HE2315	
70	UKP216D1 ; H2316X	88.9	292	232	78	25	28	30	175	78	85	M22	UK216D1 ; H2316X	P216D1
2 11⁄16	UKP216D1 ; HA2316	3 1⁄2	11 1⁄2	9 1⁄8	3 1⁄16	31⁄32	1 3⁄32	1 3⁄16	6 7⁄8	3.071	3 11⁄32	7⁄8	UK216D1 ; HA2316	
2 3⁄4	UKP216D1 ; HE2316												UK216D1 ; HE2316	
75	UKP217D1 ; H2317X	95.2	310	247	83	25	28	32	187	82	85	M22	UK217D1 ; H2317X	P217D1
2 15⁄16	UKP217D1 ; HA2317	3 3⁄4	12 7⁄32	9 23⁄32	3 9⁄32	31⁄32	1 3⁄32	1 1⁄4	7 3⁄8	3.228	3 11⁄32	7⁄8	UK217D1 ; HA2317	
3	UKP217D1 ; HE2317												UK217D1 ; HE2317	
80	UKP218D1 ; H2318X	101.6	327	262	88	27	30	33	200	86	90	M22	UK218D1 ; H2318X	P218D1
3 1⁄16	UKP218D1 ; HA2318	4	12 7⁄8	10 5⁄16	3 15⁄32	1 1⁄16	1 3⁄16	1 5⁄16	7 7⁄8	3.386	3 17⁄32	7⁄8	UK218D1 ; HA2318	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.





Units	Shaft Dia.
Metric	12 - 60 mm
Standard	½ - 2 1⁄16 in

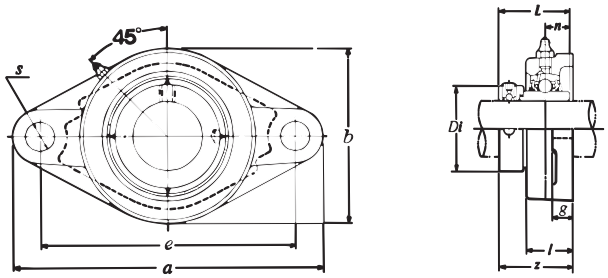
FLANGE – 2 BOLT, SET SCREW, STANDARD DUTY

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	b	z	Bi	n			
12	**UCFL201D1**	113	90	11	25.5	12	60	33.3	31.0	12.7	M10	**UC201D1**	FL204D1
½	**UCFL201-008D1**	4 7⁄16	3 35⁄64	7⁄16	1	15⁄32	2 3⁄8	1 5⁄16	1.220	.500	5⁄16	**UC201-008D1**	
15	**UCFL202D1**	113	90	11	25.5	12	60	33.3	31.0	12.7	M10	**UC202D1**	FL204D1
9⁄16	**UCFL202-009D1**	4 7⁄16	3 35⁄64	7⁄16	1	25⁄64	2 3⁄8	1 5⁄16	1.220	.500	5⁄16	**UC202-009D1**	
5⁄8	**UCFL202-010D1**											**UC202-010D1**	
17	**UCFL203D1**	113	90	11	25.5	12	60	33.3	31.0	12.7	M10	**UC203D1**	FL204D1
11⁄16	**UCFL203-011D1**	4 7⁄16	3 35⁄64	7⁄16	1	25⁄64	2 3⁄8	1 5⁄16	1.220	.500	5⁄16	**UC203-011D1**	
20	**UCFL204D1**	113	90	11	25.5	12	60	33.3	31.0	12.7	M10	**UC204D1**	FL204D1
3⁄4	**UCFL204-012D1**	4 7⁄16	3 35⁄64	7⁄16	1	25⁄64	2 3⁄8	1 5⁄16	1.220	.500	5⁄16	**UC204-012D1**	
25	**UCFL205D1**	130	99	13	27	16	68	35.7	34.0	14.3	M14	**UC205D1**	FL205D1
13⁄16	**UCFL205-013D1**											**UC205-013D1**	
7⁄8	**UCFL205-014D1**	5 1⁄8	3 57⁄64	½	1 1⁄16	5⁄8	2 11⁄16	1 13⁄32	1.339	.563	3⁄8	**UC205-014D1**	
15⁄16	**UCFL205-015D1**											**UC205-015D1**	
1	**UCFL205-100D1**											**UC205-100D1**	
30	**UCFL206D1**	148	117	13	31	16	80	40.2	38.1	15.9	M14	**UC206D1**	FL206D1
1 1⁄16	**UCFL206-101D1**											**UC206-101D1**	
1 1⁄8	**UCFL206-102D1**	5 13⁄16	4 39⁄64	½	1 7⁄32	5⁄8	3 5⁄32	1 37⁄64	1.500	.626	3⁄8	**UC206-102D1**	
1 3⁄16	**UCFL206-103D1**											**UC206-103D1**	
1 1⁄4	**UCFL206-104D1**											**UC206-104D1**	
35	**UCFL207D1**	161	130	15	34	16	90	44.4	42.9	17.5	M14	**UC207D1**	FL207D1
1 1⁄4	**UCFL207-104D1**											**UC207-104D1**	
1 5⁄16	**UCFL207-105D1**	6 11⁄32	5 1⁄8	19⁄32	1 11⁄32	5⁄8	3 17⁄32	1 3⁄4	1.689	.689	7⁄16	**UC207-105D1**	
1 3⁄8	**UCFL207-106D1**											**UC207-106D1**	
1 7⁄16	**UCFL207-107D1**											**UC207-107D1**	
40	**UCFL208D1**	175	144	15	36	16	100	51.2	49.2	19.0	M14	**UC208D1**	FL208D1
1 1⁄2	**UCFL208-108D1**	6 7⁄8	5 43⁄64	19⁄32	1 13⁄32	5⁄8	3 15⁄16	2 1⁄64	1.937	.748	7⁄16	**UC208-108D1**	
1 9⁄16	**UCFL208-109D1**											**UC208-109D1**	
45	**UCFL209D1**	188	148	16	38	19	108	52.2	49.2	19.0	M16	**UC209D1**	FL209D1
1 5⁄8	**UCFL209-110D1**											**UC209-110D1**	
1 11⁄16	**UCFL209-111D1**	7 13⁄32	5 53⁄64	5⁄8	1 1⁄2	3⁄4	4 1⁄4	2 1⁄16	1.937	.748	1⁄2	**UC209-111D1**	
1 3⁄4	**UCFL209-112D1**											**UC209-112D1**	
50	**UCFL210D1**	197	157	16	40	19	115	54.6	51.6	19.0	M16	**UC210D1**	FL210D1
1 13⁄16	**UCFL210-113D1**											**UC210-113D1**	
1 7⁄8	**UCFL210-114D1**	7 3⁄4	6 3⁄16	5⁄8	1 9⁄16	3⁄4	4 17⁄32	2 5⁄32	2.031	.748	1⁄2	**UC210-114D1**	
1 15⁄16	**UCFL210-115D1**											**UC210-115D1**	
2	**UCFL210-200D1**											**UC210-200D1**	
55	**UCFL211D1**	224	184	18	43	19	130	58.4	55.6	22.2	M16	**UC211D1**	FL211D1
2	**UCFL211-200D1**											**UC211-200D1**	
2 1⁄16	**UCFL211-201D1**	8 13⁄16	7 1⁄4	23⁄32	1 11⁄16	3⁄4	5 1⁄8	2 19⁄64	2.189	.874	9⁄16	**UC211-201D1**	
2 1⁄8	**UCFL211-202D1**											**UC211-202D1**	
2 3⁄16	**UCFL211-203D1**											**UC211-203D1**	
60	**UCFL212D1**	250	202	18	48	23	140	68.7	65.1	25.4	M20	**UC212D1**	FL212D1
2 1⁄4	**UCFL212-204D1**											**UC212-204D1**	
2 3⁄8	**UCFL212-206D1**	9 27⁄32	7 61⁄64	23⁄32	1 7⁄8	29⁄32	5 1⁄2	2 45⁄64	2.563	1.000	3⁄4	**UC212-206D1**	
2 7⁄16	**UCFL212-207D1**											**UC212-207D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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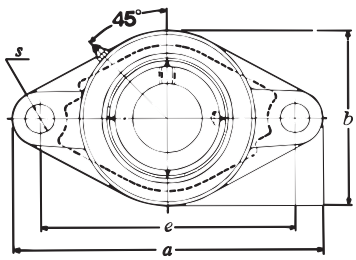
Units	Shaft Dia.
Metric	65 - 90 mm
Standard	2½ - 3½ in

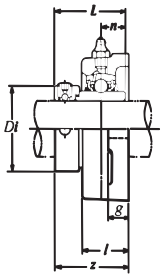


FLANGE – 2 BOLT, SET SCREW, STANDARD DUTY (continued)

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	b	z	Bi	n			
65	**UCFL213D1**	258	210	22	50	23	155	69.7	65.1	25.4	M20	**UC213D1**	FL213D1
2½	**UCFL213-208D1**	10 5/32	8 17/64	7/8	1 31/32	29/32	6 3/32	2 3/4	2.563	1.000	3/4	**UC213-208D1**	
70	**UCFL214D1**	265	216	22	54	23	160	75.4	74.6	30.2	M20	**UC214D1**	
2 11/16	**UCFL214-211D1**	10 7/16	8½	7/8	2 1/8	29/32	6 5/16	2 31/32	2.937	1.189	3/4	**UC214-211D1**	FL214D1
2¾	**UCFL214-212D1**											**UC214-212D1**	
75	**UCFL215D1**	275	225	22	56	23	165	78.5	77.8	33.3	M20	**UC215D1**	
2 15/16	**UCFL215-215D1**	10 13/16	8 55/64	7/8	2 7/32	29/32	6½	3 3/32	3.063	1.311	3/4	**UC215-215D1**	FL215D1
3	**UCFL215-300D1**											**UC215-300D1**	
80	**UCFL216D1**	290	233	22	58	25	180	83.3	82.6	33.3	M22	**UC216D1**	FL216D1
3⅛	**UCFL216-302D1**	11 13/32	9 11/64	7/8	2 9/32	63/64	7 3/32	3 9/32	3.252	1.311	7/8	**UC216-302D1**	
85	**UCFL217D1**	305	248	24	63	25	190	87.6	85.7	34.1	M22	**UC217D1**	FL217D1
3¼	**UCFL217-304D1**	12	9 49/64	15/16	2 15/32	63/64	7 15/32	3 29/64	3.374	1.343	7/8	**UC217-304D1**	
90	**UCFL218D1**	320	265	24	68	25	205	96.3	96.0	39.7	M22	**UC218D1**	FL218D1
3½	**UCFL218-308D1**	12 19/32	10 7/16	15/16	2 11/16	63/64	8 1/16	3 51/64	3.780	1.563	7/8	**UC218-308D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





Units	Shaft Dia.
Metric	25 - 80 mm
Standard	⅞ - 3 3⁄16 in

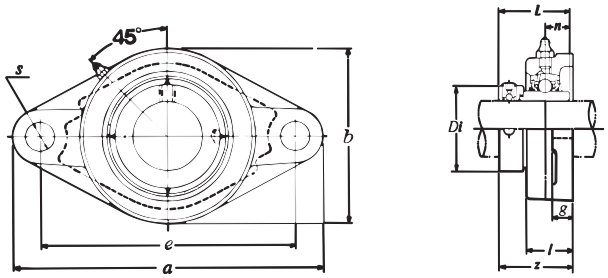
FLANGE – 2 BOLT, SET SCREW, STANDARD DUTY

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	b	z	Bi	n			
25	**UCFL305D1**	150	113	13	29	19	80	39	38	15	M16	**UC305D1**	
⅞	**UCFL305-014D1**											**UC305-014D1**	FL305D1
15⁄16	**UCFL305-015D1**	5 29⁄32	4 7⁄16	½	1 5⁄32	¾	3 5⁄32	1 17⁄32	1.496	.591	⅝	**UC305-015D1**	
1	**UCFL305-100D1**											**UC305-100D1**	
30	**UCFL306D1**	180	134	15	32	23	90	44	43	17	M20	**UC306D1**	
1⅛	**UCFL306-102D1**	7 3⁄32	5 9⁄32	19⁄32	1¼	29⁄32	3 17⁄32	1 47⁄64	1.693	.669	¾	**UC306-102D1**	FL306D1
1 3⁄16	**UCFL306-103D1**											**UC306-103D1**	
35	**UCFL307D1**	185	141	16	36	23	100	49	48	19	M20	**UC307D1**	
1¼	**UCFL307-104D1**											**UC307-104D1**	
1 5⁄16	**UCFL307-105D1**	7 9⁄32	5 33⁄64	⅝	1 13⁄32	29⁄32	3 15⁄16	1 59⁄64	1.890	.748	¾	**UC307-105D1**	FL307D1
1⅜	**UCFL307-106D1**											**UC307-106D1**	
1 7⁄16	**UCFL307-107D1**											**UC307-107D1**	
40	**UCFL308D1**	200	158	17	40	23	112	56	52	19	M20	**UC308D1**	FL308D1
1½	**UCFL308-108D1**	7⅞	6 7⁄32	21⁄32	1 9⁄16	29⁄32	4 13⁄32	2 13⁄64	2.047	.748	¾	**UC308-108D1**	
45	**UCFL309D1**	230	177	18	44	25	125	60	57	22	M22	**UC309D1**	
1⅝	**UCFL309-110D1**											**UC309-110D1**	
1 11⁄16	**UCFL309-111D1**	9 1⁄16	6 31⁄32	23⁄32	1 23⁄32	63⁄64	4 29⁄32	2 23⁄64	2.244	.866	⅞	**UC309-111D1**	FL309D1
1¾	**UCFL309-112D1**											**UC309-112D1**	
50	**UCFL310D1**	240	187	19	48	25	140	67	61	22	M22	**UC310D1**	
1⅞	**UCFL310-114D1**	9 7⁄16	7 23⁄64	¾	1⅞	63⁄64	5½	2 41⁄64	2.402	.866	⅞	**UC310-114D1**	FL310D1
1 15⁄16	**UCFL310-115D1**											**UC310-115D1**	
55	**UCFL311D1**	250	198	20	52	25	150	71	66	25	M22	**UC311D1**	
2	**UCFL311-200D1**											**UC311-200D1**	
2⅛	**UCFL311-202D1**	9 27⁄32	7 51⁄64	25⁄32	2 1⁄16	63⁄64	5 29⁄32	2 51⁄64	2.598	.984	⅞	**UC311-202D1**	FL311D1
2 3⁄16	**UCFL311-203D1**											**UC311-203D1**	
60	**UCFL312D1**	270	212	22	56	31	160	78	71	26	M27	**UC312D1**	
2¼	**UCFL312-204D1**											**UC312-204D1**	
2⅜	**UCFL312-206D1**	10 5⁄8	8 11⁄32	⅞	2 7⁄32	1 7⁄32	6 5⁄16	3 5⁄64	2.795	1.024	1	**UC312-206D1**	FL312D1
2 7⁄16	**UCFL312-207D1**											**UC312-207D1**	
65	**UCFL313D1**	295	240	25	58	31	175	78	75	30	M27	**UC313D1**	FL313D1
2½	**UCFL313-208D1**	11⅝	9 29⁄64	31⁄32	2 9⁄32	1 7⁄32	6⅞	3 5⁄64	2.953	1.181	1	**UC313-208D1**	
70	**UCFL314D1**	315	250	28	61	35	185	81	78	33	M30	**UC314D1**	
2 11⁄16	**UCFL314-211D1**	12 13⁄32	9 27⁄32	1 3⁄32	2 13⁄32	1⅜	7 9⁄32	3 3⁄16	3.071	1.299	1⅛	**UC314-211D1**	FL314D1
2¾	**UCFL314-212D1**											**UC314-212D1**	
75	**UCFL315D1**	320	260	30	66	35	195	89	82	32	M30	**UC315D1**	
2 15⁄16	**UCFL315-215D1**	12 19⁄32	10 15⁄64	1 3⁄16	2 19⁄32	1⅜	7 11⁄16	3½	3.228	1.260	1⅛	**UC315-215D1**	FL315D1
3	**UCFL315-300D1**											**UC315-300D1**	
80	**UCFL316D1**	355	285	32	68	38	210	90	86	34	M33	**UC316D1**	
3⅛	**UCFL316-302D1**	13 31⁄32	11 7⁄32	1¼	2 11⁄16	1½	8 9⁄32	3 35⁄64	3.386	1.339	1¼	**UC316-302D1**	FL316D1
3 3⁄16	**UCFL316-303D1**											**UC316-303D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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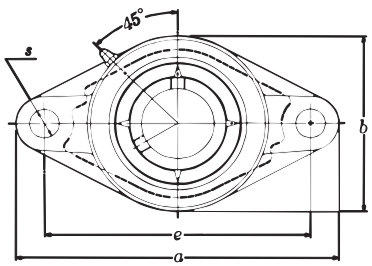
Units	Shaft Dia.
Metric	85 - 140 mm
Standard	3¼ - 4 in

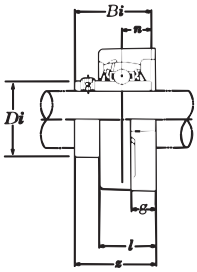


FLANGE – 2 BOLT, SET SCREW, STANDARD DUTY (continued)

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	b	z	Bi	n			
85 3¼	UCFL317D1 UCFL317-304D1	370 14⁹⁄₁₆	300 11¹³⁄₁₆	32 1¼	74 2²⁹⁄₃₂	38 1½	220 8²¹⁄₃₂	100 3¹⁵⁄₁₆	96 3.780	40 1.575	M33 1¼	UC317D1 UC317-304D1	FL317D1
90 3⁷⁄₁₆ 3½	UCFL318D1 UCFL318-307D1 UCFL318-308D1	385 15⁵⁄₃₂	315 12¹³⁄₃₂	36 1¹³⁄₃₂	76 3	38 1½	235 9¼	100 3¹⁵⁄₁₆	96 3.780	40 1.575	M33 1¼	UC318D1 UC318-307D1 UC318-308D1	FL318D1
95 3¾	UCFL319D1 UCFL319-312D1	405 15¹⁵⁄₁₆	330 13	40 1⁹⁄₁₆	94 3¹¹⁄₁₆	41 1³⁹⁄₆₄	250 9²⁷⁄₃₂	121 4⁴⁹⁄₆₄	103 4.055	41 1.614	M36 1⅜	UC319D1 UC319-312D1	FL319D1
100 3¹⁵⁄₁₆ 4	UCFL320D1 UCFL320-315D1 UCFL320-400D1	440 17⁵⁄₁₆	360 14¹¹⁄₆₄	40 2²¹⁄₆₄	94 3¹¹⁄₁₆	44 1⁴⁷⁄₆₄	270 10⅝	125 4⁵⁹⁄₆₄	108 4.252	42 1.654	M39 1½	UC320D1 UC320-315D1 UC320-400D1	FL320D1
105	UCFL321D1	440	360	40	94	44	270	127	112	44	M39	UC321D1	FL321D1
110	UCFL322D1	470	390	42	96	44	300	131	117	46	M39	UC322D1	FL322D1
120	UCFL324D1	520	430	48	110	47	330	140	126	51	M42	UC324D1	FL324D1
130	UCFL326D1	550	460	50	115	47	360	146	135	54	M42	UC326D1	FL326D1
140	UCFL328D1	600	500	60	125	51	400	161	145	59	M45	UC328D1	FL328D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.



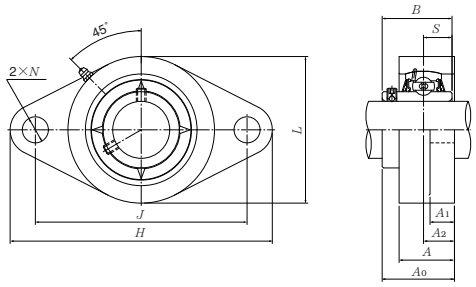


Units	Shaft Dia.
Metric	25 - 50 mm
Standard	13⁄16 - 2 in

FLANGE – 2 BOLT, SET SCREW, INTERMEDIATE DUTY

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	b	z	Bi	n			
25	**UCFLX05D1**	141	117	13	30	12	83	40.2	38.1	15.9	M10	**UCX05D1**	
13⁄16	**UCFLX05-013D1**											**UCX05-013D1**	
7⁄8	**UCFLX05-014D1**	5 9⁄16	4 39⁄64	1⁄2	1 3⁄16	15⁄32	3 9⁄32	1 37⁄64	1.500	.626	3⁄8	**UCX05-014D1**	FLX05D1
15⁄16	**UCFLX05-015D1**											**UCX05-015D1**	
1	**UCFLX05-100D1**											**UCX05-100D1**	
30	**UCFLX06D1**	156	130	15	34	16	95	44.4	42.9	17.5	M14	**UCX06D1**	
1 1⁄16	**UCFLX06-101D1**											**UCX06-101D1**	
1 1⁄8	**UCFLX06-102D1**	6 5⁄32	5 1⁄8	19⁄32	1 11⁄32	5⁄8	3 3⁄4	1 3⁄4	1.689	.689	1⁄2	**UCX06-102D1**	FLX06D1
1 3⁄16	**UCFLX06-103D1**											**UCX06-103D1**	
1 1⁄4	**UCFLX06-104D1**											**UCX06-104D1**	
35	**UCFLX07D1**	171	144	16	38	16	105	51.2	49.2	19.0	M14	**UCX07D1**	
1 5⁄16	**UCFLX07-105D1**											**UCX07-105D1**	
1 3⁄8	**UCFLX07-106D1**	6 23⁄32	5 43⁄64	5⁄8	1 1⁄2	5⁄8	4 1⁄8	2 1⁄64	1.937	.748	1⁄2	**UCX07-106D1**	FLX07D1
1 7⁄16	**UCFLX07-107D1**											**UCX07-107D1**	
40	**UCFLX08D1**	179	148	16	40	16	111	52.2	49.2	19.0	M14	**UCX08D1**	
1 1⁄2	**UCFLX08-108D1**	7 1⁄16	5 53⁄64	5⁄8	1 9⁄16	5⁄8	4 3⁄8	2 1⁄16	1.937	.748	1⁄2	**UCX08-108D1**	FLX08D1
1 9⁄16	**UCFLX08-109D1**											**UCX08-109D1**	
45	**UCFLX09D1**	189	157	16	40	16	116	55.6	51.6	19.0	M14	**UCX09D1**	
1 5⁄8	**UCFLX09-110D1**											**UCX09-110D1**	
1 11⁄16	**UCFLX09-111D1**	7 1⁄16	6 5⁄16	5⁄8	1 9⁄16	5⁄8	4 9⁄16	2 3⁄16	2.031	.748	1⁄2	**UCX09-111D1**	FLX09D1
1 3⁄4	**UCFLX09-112D1**											**UCX09-112D1**	
1 13⁄16	**UCFLX09-113D1**											**UCX09-113D1**	
50	**UCFLX10D1**	216	184	18	44	19	133	59.4	55.6	22.2	M16	**UCX10D1**	
1 7⁄8	**UCFLX10-114D1**											**UCX10-114D1**	
1 15⁄16	**UCFLX10-115D1**	8 1⁄2	7 1⁄4	23⁄32	1 23⁄32	3⁄4	5 1⁄4	2 11⁄32	2.189	.874	5⁄8	**UCX10-115D1**	FLX10D1
2	**UCFLX10-200D1**											**UCX10-200D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

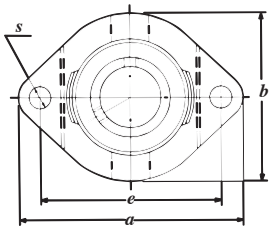


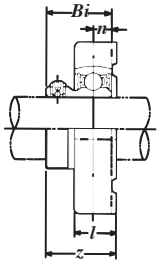
Units	Shaft Dia.
Metric	12 - 90 mm

FLANGE – 2 BOLT, SET SCREW, RHOMBUS, STEEL SERIES

Shaft Dia.	Part Number	Nominal Dimensions mm										Bolt Size	Insert Number	Housing Number
		H	J	A_2	A_1	A	N	L	A_0	B	S			
12	**UCFLG201D1**	113	90	15	11	25.5	12	60	33.3	31.0	12.7	M10	**UC201D1**	FLG204D1
15	**UCFLG202D1**	113	90	15	11	25.5	12	60	33.3	31.0	12.7	M10	**UC202D1**	FLG204D1
17	**UCFLG203D1**	113	90	15	11	25.5	12	60	33.3	31.0	12.7	M10	**UC203D1**	FLG204D1
20	**UCFLG204D1**	113	90	15	11	25.5	12	60	33.3	31.0	12.7	M10	**UC204D1**	FLG204D1
25	**UCFLG205D1**	130	99	16	13	27	16	68	35.8	34.1	14.3	M14	**UC205D1**	FLG205D1
30	**UCFLG206D1**	148	117	18	13	31	16	80	40.2	38.1	15.9	M14	**UC206D1**	FLG206D1
35	**UCFLG207D1**	161	130	19	15	34	16	90	44.4	42.9	17.5	M14	**UC207D1**	FLG207D1
40	**UCFLG208D1**	175	144	21	15	36	16	100	51.2	49.2	19.0	M14	**UC208D1**	FLG208D1
45	**UCFLG209D1**	188	148	22	16	38	19	108	52.2	49.2	19.0	M16	**UC209D1**	FLG209D1
50	**UCFLG210D1**	197	157	22	16	40	19	115	54.6	51.6	19.0	M16	**UC210D1**	FLG210D1
55	**UCFLG211D1**	224	184	25	18	43	19	130	58.4	55.6	22.2	M16	**UC211D1**	FLG211D1
60	**UCFLG212D1**	250	202	29	18	48	23	140	68.7	65.1	25.4	M20	**UC212D1**	FLG212D1
65	**UCFLG213D1**	258	210	30	22	50	23	155	69.7	65.1	25.4	M20	**UC213D1**	FLG213D1
70	**UCFLG214D1**	265	216	31	22	54	23	160	75.4	74.6	30.2	M20	**UC214D1**	FLG214D1
75	**UCFLG215D1**	275	225	34	22	56	23	165	78.5	77.8	33.3	M20	**UC215D1**	FLG215D1
80	**UCFLG216D1**	290	233	34	22	58	25	180	83.3	82.6	33.3	M22	**UC216D1**	FLG216D1
85	**UCFLG217D1**	305	248	36	24	63	25	190	87.6	85.7	34.1	M22	**UC217D1**	FLG217D1
90	**UCFLG218D1**	320	265	40	24	68	25	205	96.3	96.0	39.7	M22	**UC218D1**	FLG218D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





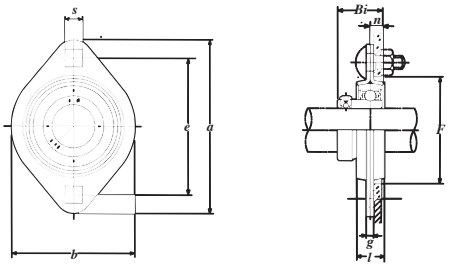
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

FLANGED – 2 BOLT, CAST HOUSING

Shaft Dia.	Part Number	Nominal Dimensions								Bolt Size	Insert Number	Housing Number
		a	e	l	s	b	z	Bi	n			
12	**ASFD201**	81	63	15	7	59	24.5	22	6	M6	**AS201**	FD201
½	**ASFD201-008**	3 3⁄16	2 15⁄32	19⁄32	9⁄32	2 5⁄16	31⁄32	.866	.236	¼	**AS201-008**	
15	**ASFD202**	81	63	15	7	59	24.5	22	6	M6	**AS202**	FD201
9⁄16	**ASFD202-009**	3 3⁄16	2 15⁄32	19⁄32	9⁄32	2 5⁄16	31⁄32	.866	.236	¼	**AS202-009**	
5⁄8	**ASFD202-010**										**AS202-010**	
17	**ASFD203**	81	63	15	7	59	24.5	22	6	M6	**AS203**	FD201
11⁄16	**ASFD203-011**	3 3⁄16	2 15⁄32	19⁄32	9⁄32	2 5⁄16	31⁄32	.866	.236	¼	**AS203-011**	
20	**ASFD204**	90	71	17	10	67	27.5	25	7	M8	**AS204**	FD204
¾	**ASFD204-012**	3 17⁄32	2 25⁄32	21⁄32	25⁄64	2 5⁄8	1 51⁄64	.984	.276	5⁄16	**AS204-012**	
25	**ASFD205**	95	76	17	10	71	29	27	7.5	M8	**AS205**	FD205
13⁄16	**ASFD205-013**										**AS205-013**	
7⁄8	**ASFD205-014**	3¾	3	21⁄32	25⁄64	2 25⁄32	1 51⁄64	1.063	.295	5⁄16	**AS205-014**	
15⁄16	**ASFD205-015**										**AS205-015**	
1	**ASFD205-100**										**AS205-100**	
30	**ASFD206**	113	90	21	12	84	33	29	8	M10	**AS206**	FD206
1 1⁄16	**ASFD206-101**										**AS206-101**	
1⅛	**ASFD206-102**	4 7⁄16	3 17⁄32	13⁄16	15⁄32	3 5⁄16	1 19⁄64	1.142	.315	⅜	**AS206-102**	
1 3⁄16	**ASFD206-103**										**AS206-103**	
1¼	**ASFD206-104**										**AS206-104**	
35	**ASFD207**	125	100	22	12	94	38	34	8.5	M10	**AS207**	FD207
1¼	**ASFD207-104**										**AS207-104**	
1 5⁄16	**ASFD207-105**	4 29⁄32	3 15⁄16	⅞	15⁄32	3 11⁄16	1½	1.339	.335	⅜	**AS207-105**	
1⅜	**ASFD207-106**										**AS207-106**	
1 7⁄16	**ASFD207-107**										**AS207-107**	

Note: These numbers indicate maintenance free type. If relubricatable type is needed, please order with prefix A- and add the suffix D1, ex. A-ASFD201D1.

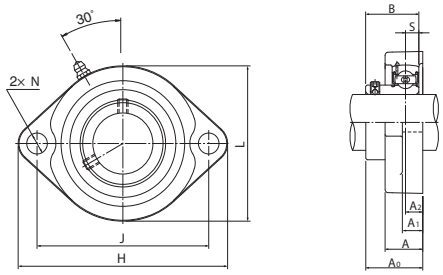
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in



FLANGED – 2 BOLT, PRESSED STEEL HOUSING

Shaft Dia.	Part Number	Nominal Dimensions								Bolt Size	Insert Number	Housing Number
		a	e	g	s	l	Bi	n	F			
12	ASPFL201	81	63	4.0	7	14	22	6	49	M6	AS201	PFL203
½	ASPFL201-008	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	.866	.236	1 15⁄16	¼	AS201-008	
15	ASPFL202	81	63	4.0	7	14	22	6	49	M6	AS202	PFL203
9⁄16	ASPFL202-009	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	.866	.236	1 15⁄16	¼	AS202-009	
⅝	ASPFL202-010										AS202-010	
17	ASPFL203	81	63	4.0	7	14	22	6	49	M6	AS203	PFL203
11⁄16	ASPFL203-011	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	.866	.236	1 15⁄16	¼	AS206-011	
20	ASPFL204	90	71	4.0	9	16	25	7	56	M8	AS204	PFL204
¾	ASPFL204-012	3 17⁄32	2 25⁄32	.157	23⁄64	⅝	.984	.276	2 7⁄32	5⁄16	AS204-012	
25	ASPFL205	95	76	4.0	9	18	27	7.5	60	M8	AS205	PFL205
13⁄16	ASPFL205-013										AS205-013	
⅞	ASPFL205-014	3¾	3	.157	23⁄64	23⁄32	1.063	.295	2⅜	5⁄16	AS205-014	
15⁄16	ASPFL205-015										AS205-015	
1	ASPFL205-100										AS205-100	
30	ASPFL206	113	90	5.2	11	18	29	8	71	M10	AS206	PFL206
1 1⁄16	ASPFL206-101										AS206-101	
1⅛	ASPFL206-102	4 7⁄16	3 17⁄32	.205	7⁄16	23⁄32	1.142	.315	2 25⁄32	⅜	AS206-102	
1 3⁄16	ASPFL206-103										AS206-103	
	ASPFL206-104										AS206-104	
35	ASPFL207	122	100	5.2	11	20	34	8.5	81	M10	AS207	PFL207
1¼	ASPFL207-104										AS207-104	
1 5⁄16	ASPFL207-105	4 13⁄16	3 15⁄16	.205	7⁄16	25⁄32	1.339	.335	3 3⁄16	⅜	AS207-105	
1⅜	ASPFL207-106										AS207-106	
1 7⁄16	ASPFL207-107										AS207-107	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat.



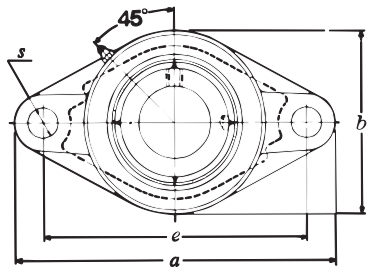
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

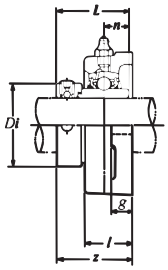
FLANGE – 2 BOLT, SET SCREW TYPE, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		H	J	A_2	A_1	A	N	L	A_0	B	S			
12	**ASFB201D1**	81	63.5	9.5	9.5	18	7	56	25.5	22	6	M6	**AS201D1**	FB201
½	**ASFB201-008D1**	3 3⁄16	2½	3⁄8	3⁄8	23⁄32	9⁄32	2 7⁄32	1	.866	.236	¼	**AS201-008D1**	
15	**ASFB202D1**	81	63.5	9.5	9.5	18	7	56	25.5	22	6	M6	**AS202D1**	
9⁄16	**ASFB202-009D1**												**AS202-009D1**	FB201
5⁄8	**ASFB202-010D1**	3 3⁄16	2½	3⁄8	3⁄8	23⁄32	9⁄32	2 7⁄32	1	.866	.236	¼	**AS202-010D1**	
17	**ASFB203D1**	81	63.5	9.5	9.5	18	7	56	25.5	22	6	M6	**AS203D1**	FB201
11⁄16	**ASFB203-011D1**	3 3⁄16	2½	3⁄8	3⁄8	23⁄32	9⁄32	2 7⁄32	1	.866	.236	¼	**AS203-011D1**	
20	**ASFB204D1**	90	71.5	11	11	20	10	61	29	25	7	M8	**AS204D1**	FB204
¾	**ASFB204-012D1**	3 35⁄64	2 13⁄16	7⁄16	7⁄16	25⁄32	25⁄64	2 13⁄32	1 9⁄64	.984	.276	5⁄16	**AS204-012D1**	
25	**ASFB205D1D1**	95	76	11	11	20	10	64	30.5	27	7.5	M8	**AS205D1**	
13⁄16	**ASFB205-013D1**												**AS205-013D1**	
7⁄8	**ASFB205-014D1**												**AS205-014D1**	FB205
15⁄16	**ASFB205-015D1**	3¾	2 63⁄64	7⁄16	7⁄16	25⁄32	25⁄64	2 17⁄32	1 13⁄64	1.063	.295	5⁄16	**AS205-015D1**	
1	**ASFB205-100D1**												**AS205-100D1**	
30	**ASFB206D1**	113	90.5	12	12	22.5	12	76	33	29	8	M10	**AS206D1**	
1 1⁄16	**ASFB206-101D1**												**AS206-101D1**	
1⅛	**ASFB206-102D1**												**AS206-102D1**	FB206
1 3⁄16	**ASFB206-103D1**	4 7⁄16	3 9⁄16	15⁄32	15⁄32	⅞	15⁄32	3	1 19⁄64	1.142	.315	⅜	**AS206-103D1**	
1¼	**ASFB206-104D1**												**AS206-104D1**	
35	**ASFB207D1**	122	100	11	13	24	12	89	36.5	34	8.5	M10	**AS207D1**	
1¼	**ASFB207-104D1**												**AS207-104D1**	
1 5⁄16	**ASFB207-105D1**												**AS207-105D1**	FB207
1⅜	**ASFB207-106D1**	4 51⁄64	3 15⁄16	7⁄16	½	15⁄16	15⁄32	3½	1 7⁄16	1.339	.335	⅜	**AS207-106D1**	
1 7⁄16	**ASFB207-107D1**												**AS207-107D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Units	Shaft Dia.
Metric	20 - 75 mm
Standard	¾ - 3 in

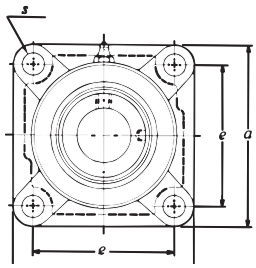


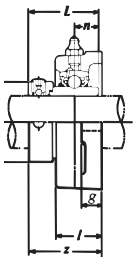


FLANGE – 2 BOLT, ECCENTRIC LOCK, STANDARD DUTY

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	Bi	Di	n			
20	UELFL204D1	113	90	11	25.5	12	41.6	43.7	33	17.1	M10	UEL204D1	FL204D1
¾	UELFL204-012D1	4 7/16	3 35/64	7/16	1	1 15/32	1 41/64	1.720	1.299	.673	5/16	UEL204-012D1	
25	UELFL205D1	130	99	13	27	16	42.9	44.4	38	17.5	M14	UEL205D1	
13/16	UELFL205-013D1											UEL205-013D1	
7/8	UELFL205-014D1	5 1/8	3 57/64	1/2	1 1/16	5/8	1 11/16	1.748	1.496	.689	3/8	UEL205-014D1	FL205D1
15/16	UELFL205-015D1											UEL205-015D1	
1	UELFL205-100D1											UEL205-100D1	
30	UELFL206D1	148	117	13	31	16	48.1	48.4	44.5	18.3	M14	UEL206D1	
1 1/16	UELFL206-101D1											UEL206-101D1	
1 1/8	UELFL206-102D1	5 13/16	4 9/64	1/2	1 7/32	5/8	1 57/64	1.906	1.752	.720	3/8	UEL206-102D1	FL206D1
1 3/16	UELFL206-103D1											UEL206-103D1	
1 1/4	UELFL206-104D1											UEL206-104D1	
35	UELFL207D1	161	130	15	34	16	51.3	51.1	55.5	18.8	M14	UEL207D1	
1 1/4	UELFL207-104D1											UEL207-104D1	
1 5/16	UELFL207-105D1	6 11/32	5 1/8	19/32	1 11/32	5/8	2 1/64	2.012	2.185	.740	7/16	UEL207-105D1	FL207D1
1 3/8	UELFL207-106D1											UEL207-106D1	
1 7/16	UELFL207-107D1											UEL207-107D1	
40	UELFL208D1	175	144	15	36	16	55.9	56.3	60	21.4	M14	UEL208D1	
1 1/2	UELFL208-108D1	6 7/8	5 43/64	19/32	1 13/32	5/8	2 13/64	2.217	2.362	.843	7/16	UEL208-108D1	FL208D1
1 9/16	UELFL208-109D1											UEL208-109D1	
45	UELFL209D1	188	148	16	38	19	56.9	56.3	63.5	21.4	M16	UEL209D1	
1 5/8	UELFL209-110D1											UEL209-110D1	
1 11/16	UELFL209-111D1	7 13/32	5 53/64	5/8	1 1/2	3/4	2 15/64	2.217	2.500	.843	1/2	UEL209-111D1	FL209D1
1 3/4	UELFL209-112D1											UEL209-112D1	
50	UELFL210D1	197	157	16	40	19	60.1	62.7	69.5	24.6	M16	UEL210D1	
1 13/16	UELFL210-113D1											UEL210-113D1	
1 7/8	UELFL210-114D1	7 3/4	6 3/16	5/8	1 9/16	3/4	2 23/64	2.469	2.736	.969	1/2	UEL210-114D1	FL210D1
1 15/16	UELFL210-115D1											UEL210-115D1	
2	UELFL210-200D1											UEL210-200D1	
55	UELFL211D1	224	184	18	43	19	68.6	71.4	76	27.8	M16	UEL211D1	
2	UELFL211-200D1											UEL211-200D1	
2 1/16	UELFL211-201D1	8 13/16	7 1/4	23/32	1 11/16	3/4	2 45/64	2.811	2.992	1.094	9/16	UEL211-201D1	FL211D1
2 1/8	UELFL211-202D1											UEL211-202D1	
2 3/16	UELFL211-203D1											UEL211-203D1	
60	UELFL212D1	250	202	18	48	23	75.8	77.8	84	31.0	M20	UEL212D1	
2 1/4	UELFL212-204D1											UEL212-204D1	
2 3/8	UELFL212-206D1	9 27/32	7 61/64	23/32	1 7/8	29/32	2 63/64	3.063	3.307	1.220	3/4	UEL212-206D1	FL212D1
2 7/16	UELFL212-207D1											UEL212-207D1	
65	UELFL213D1	258	210	22	50	23	81.5	85.7	97	34.1	M20	UEL213D1	FL213D1
2 1/2	UELFL213-208D1	10 5/32	8 17/64	7/8	1 31/32	29/32	3 13/64	3.374	3.819	1.344	3/4	UEL213-208D1	
70	UELFL214D1	265	216	22	54	23	82.5	85.7	97	34.1	M20	UEL214D1	
2 11/16	UELFL214-211D1	10 7/16	8 1/2	7/8	2 1/8	29/32	3 1/4	3.374	3.819	1.344	3/4	UEL214-211D1	FL214D1
2 3/4	UELFL214-212D1											UEL214-212D1	
75	UELFL215D1	275	225	22	56	23	88.7	92.0	102	37.3	M20	UEL215D1	
2 15/16	UELFL215-215D1	10 13/16	8 55/64	7/8	2 7/32	29/32	3 31/64	3.622	4.016	1.469	3/4	UEL215-215D1	FL215D1
3	UELFL215-300D1											UEL215-300D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





Units	Shaft Dia.
Metric	25 - 65 mm
Standard	⅞ - 2½ in

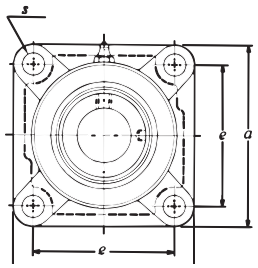
FLANGE – 2 BOLT, HEAVY DUTY, ECCENTRIC LOCK

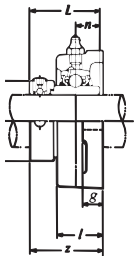
Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	Bi	Di	n			
25	**UELFL305D1**	150	113	13	29	19	46.1	46.8	42.8	16.7	M16	**UEL305D1**	
⅞	**UELFL305-014D1**											**UEL305-014D1**	FL305D1
15⁄16	**UELFL305-015D1**	5 29⁄32	4 29⁄64	½	1 5⁄32	¾	1 13⁄16	1.843	1.685	.657	⅝	**UEL305-015D1**	
1	**UELFL305-100D1**											**UEL305-100D1**	
30	**UELFL306D1**	180	134	15	32	23	50.5	50.0	50.0	17.5	M20	**UEL306D1**	
1⅛	**UELFL306-102D1**	7 3⁄32	5 9⁄32	19⁄32	1¼	29⁄32	1 63⁄64	1.969	1.969	.689	¾	**UEL306-102D1**	FL306D1
1 3⁄16	**UELFL306-103D1**											**UEL306-103D1**	
35	**UELFL307D1**	185	141	16	36	23	53.3	51.6	55.0	18.3	M20	**UEL307D1**	
1¼	**UELFL307-104D1**											**UEL307-104D1**	
1 5⁄16	**UELFL307-105D1**	7 9⁄32	5 35⁄64	⅝	1 13⁄32	29⁄32	2 3⁄32	2.031	2.165	.720	¾	**UEL307-105D1**	FL307D1
1⅜	**UELFL307-106D1**											**UEL307-106D1**	
1 7⁄16	**UELFL307-107D1**											**UEL307-107D1**	
40	**UELFL308D1**	200	158	17	40	23	60.3	57.1	63.5	19.8	M20	**UEL308D1**	FL308D1
1½	**UELFL308-108D1**	7⅞	6 7⁄32	21⁄32	1 9⁄16	29⁄32	2⅜	2.248	2.500	.780	¾	**UEL308-108D1**	
45	**UELFL309D1**	230	177	18	44	25	63.9	58.7	70.0	19.8	M22	**UEL309D1**	
1⅝	**UELFL309-110D1**											**UEL309-110D1**	
1 11⁄16	**UELFL309-111D1**	9 1⁄16	6 31⁄32	23⁄32	1 23⁄32	63⁄64	2 33⁄64	2.311	2.756	.780	⅞	**UEL309-111D1**	FL309D1
1¾	**UELFL309-112D1**											**UEL309-112D1**	
50	**UELFL310D1**	240	187	19	48	25	70.0	66.6	76.2	24.6	M22	**UEL310D1**	
1⅞	**UELFL310-114D1**	9 7⁄16	7 23⁄64	¾	1⅞	63⁄64	2¾	2.622	3.000	.969	⅞	**UEL310-114D1**	FL310D1
1 15⁄16	**UELFL310-115D1**											**UEL310-115D1**	
55	**UELFL311D1**	250	198	20	52	25	75.2	73.0	83.0	27.8	M22	**UEL311D1**	
2	**UELFL311-200D1**											**UEL311-200D1**	
2⅛	**UELFL311-202D1**	9 27⁄32	7 51⁄64	25⁄32	2 1⁄16	63⁄64	2 61⁄64	2.874	3.268	1.094	⅞	**UEL311-202D1**	FL311D1
2 3⁄16	**UELFL311-203D1**											**UEL311-203D1**	
60	**UELFL312D1**	270	212	22	56	31	81.4	79.4	89.0	30.9	M27	**UEL312D1**	
2¼	**UELFL312-204D1**											**UEL312-204D1**	
2⅜	**UELFL312-206D1**	10⅝	8 11⁄32	⅞	2 7⁄32	1 7⁄32	3 13⁄64	3.126	3.504	1.219	1	**UEL312-206D1**	FL312D1
2 7⁄16	**UELFL312-207D1**											**UEL312-207D1**	
65	**UELFL313D1**	295	240	25	58	31	86.1	85.7	97.0	32.5	M27	**UEL313D1**	
2½	**UELFL313-208D1**	11⅝	9 29⁄64	31⁄32	2 9⁄32	1 7⁄32	3 25⁄64	3.374	3.819	1.281	1	**UEL313-208D1**	FL313D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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Units	Shaft Dia.
Metric	70 - 110 mm
Standard	$2^{11}/_{16}$ - 4 in

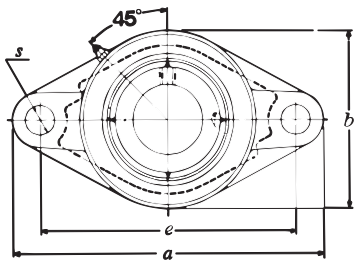


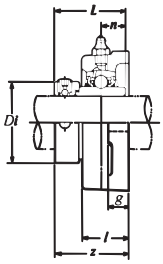


FLANGE – 2 BOLT, HEAVY DUTY, ECCENTRIC LOCK (continued)

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	Bi	Di	n			
70	**UELFL314D1**	315	250	28	61	35	93.9	92.1	102	34.1	M30	**UEL314D1**	
$2^{11}/_{16}$	**UELFL314-211D1**	$12^{13}/_{32}$	$9^{27}/_{32}$	$1^{3}/_{32}$	$2^{13}/_{32}$	$1^{3}/_{8}$	$3^{45}/_{64}$	3.626	4.016	1.344	$1^{1}/_{8}$	**UEL314-211D1**	FL314D1
$2^{3}/_{4}$	**UELFL314-212D1**											**UEL314-212D1**	
75	**UELFL315D1**	320	260	30	66	35	101.7	100.0	113	37.3	M30	**UEL315D1**	
$2^{15}/_{16}$	**UELFL315-215D1**	$12^{19}/_{32}$	$10^{15}/_{16}$	$1^{3}/_{16}$	$2^{19}/_{32}$	$1^{3}/_{8}$	4	3.937	4.449	1.469	$1^{1}/_{8}$	**UEL315-215D1**	FL315D1
3	**UELFL315-300D1**											**UEL315-300D1**	
80	**UELFL316D1**	355	285	32	68	38	103.9	106.4	119	40.5	M33	**UEL316D1**	
$3^{1}/_{8}$	**UELFL316-302D1**	$13^{31}/_{32}$	$11^{7}/_{32}$	$1^{1}/_{4}$	$2^{11}/_{16}$	$1^{1}/_{2}$	$4^{3}/_{32}$	4.189	4.685	1.594	$1^{1}/_{4}$	**UEL316-302D1**	FL316D1
$3^{3}/_{16}$	**UELFL316-303D1**											**UEL316-303D1**	
85	**UELFL317D1**	370	300	32	74	38	111.4	109.5	127	42.0	M33	**UEL317D1**	FL317D1
$3^{1}/_{4}$	**UELFL317-304D1**	$14^{9}/_{16}$	$11^{13}/_{16}$	$1^{1}/_{4}$	$2^{29}/_{32}$	$1^{1}/_{2}$	$4^{25}/_{64}$	4.311	5.000	1.656	$1^{1}/_{4}$	**UEL317-304D1**	
90	**UELFL318D1**	385	315	36	76	38	116.2	115.9	133	43.6	M33	**UEL318D1**	
$3^{7}/_{16}$	**UELFL318-307D1**	$15^{5}/_{32}$	$12^{63}/_{64}$	$1^{13}/_{32}$	3	$1^{1}/_{2}$	$4^{37}/_{64}$	4.563	5.236	1.719	$1^{1}/_{4}$	**UEL318-307D1**	FL318D1
$3^{1}/_{2}$	**UELFL318-308D1**											**UEL318-308D1**	
95	**UELFL319D1**	405	330	40	94	41	142.4	122.3	140	38.9	M36	**UEL319D1**	FL319D1
$3^{3}/_{4}$	**UELFL319-312D1**	$15^{15}/_{16}$	13	$1^{9}/_{16}$	$3^{11}/_{16}$	$1^{39}/_{64}$	$5^{39}/_{64}$	4.815	5.512	1.531	$1^{3}/_{8}$	**UEL319-312D1**	
100	**UELFL320D1**	440	360	40	94	44	137.6	128.6	146	50.0	M39	**UEL320D1**	
$3^{15}/_{16}$	**UELFL320-315D1**	$17^{5}/_{16}$	$14^{11}/_{64}$	$1^{9}/_{16}$	$3^{11}/_{16}$	$1^{47}/_{64}$	$5^{27}/_{64}$	5.063	5.748	1.969	$1^{1}/_{2}$	**UEL320-315D1**	FL320D1
4	**UELFL320-400D1**											**UEL320-400D1**	
105	**UELFL321D1**	440	360	40	94	44	150.3	139.7	157	48.4	M39	**UEL321D1**	FL321D1
110	**UELFL322D1**	470	390	42	96	44	152.1	141.3	168	49.2	M39	**UEL322D1**	FL322D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





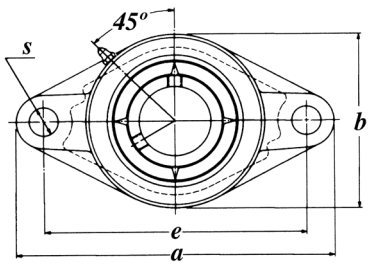
Units	Shaft Dia.
Metric	20 - 75 mm
Standard	¾ - 3 in

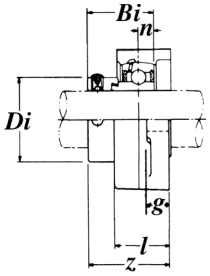
FLANGE – 2 BOLT, STANDARD DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	b	z	L	Di	n			
20	**UELFLU204D1**	113	90	15	29.5	11.5	61	45.6	43.7	33.3	17.1	M10	**UEL204D1**	FLU204D1
¾	**UELFLU204-012D1**	4 7/16	3 35/64	19/32	1 5/32	29/64	2 13/32	1 51/64	1.720	1.310	.673	5/16	UEL204-012D1	
25	**UELFLU205D1**	125	99	15	30	11.5	70	45.9	44.4	38.1	17.5	M10	**UEL205D1**	
1 3/16	**UELFLU205-013D1**												**UEL205-013D1**	
7/8	**UELFLU205-014D1**	4 29/32	3 57/64	19/32	1 3/16	29/64	2 3/4	1 13/16	1.748	1.500	.689	3/8	**UEL205-014D1**	FLU205D1
1 5/16	**UELFLU205-015D1**												**UEL205-015D1**	
1	**UELFLU205-100D1**												**UEL205-100D1**	
30	**UELFLU206D1**	142	116.5	16	33	11.5	83	50.1	48.4	44.5	18.3	M10	**UEL206D1**	
1 1/16	**UELFLU206-101D1**												**UEL206-101D1**	
1 1/8	**UELFLU206-102D1**	5 19/32	4 19/32	5/8	1 5/16	29/64	3 9/32	1 31/32	1.906	1.750	.720	3/8	**UEL206-102D1**	FLU206D1
1 3/16	**UELFLU206-103D1**												**UEL206-103D1**	
1 1/4	**UELFLU206-104D1**												**UEL206-104D1**	
35	**UELFLU207D1**	156	130	17	36	14	96	53.3	51.1	55.6	18.8	M12	**UEL207D1**	
1 1/4	**UELFLU207-104D1**												**UEL207-104D1**	
1 5/16	**UELFLU207-105D1**	6 5/32	5 1/8	21/32	1 13/32	35/64	3 25/32	2 3/32	2.012	2.190	.740	7/16	**UEL207-105D1**	FLU207D1
1 3/8	**UELFLU207-106D1**												**UEL207-106D1**	
1 7/16	**UELFLU207-107D1**												**UEL207-107D1**	
40	**UELFLU208D1**	172	143.5	17	39	14	105	58.9	56.3	60.2	21.4	M12	**UEL208D1**	
1 1/2	**UELFLU208-108D1**	6 25/32	5 21/32	21/32	1 17/32	35/64	4 1/8	2 5/16	2.217	2.370	.843	7/16	**UEL208-108D1**	FLU208D1
1 9/16	**UELFLU208-109D1**												**UEL208-109D1**	
45	**UELFLU209D1**	180	148.5	18	40	16	111	58.9	56.3	63.5	21.4	M14	**UEL209D1**	
1 5/8	**UELFLU209-110D1**												**UEL209-110D1**	
1 11/16	**UELFLU209-111D1**	7 3/32	5 27/32	23/32	1 9/16	5/8	4 3/8	2 5/16	2.217	2.500	.843	1/2	**UEL209-111D1**	FLU209D1
1 3/4	**UELFLU209-112D1**												**UEL209-112D1**	
50	**UELFLU210D1**	190	157	20	46	18	116	66.1	62.7	69.9	24.6	M16	**UEL210D1**	
1 13/16	**UELFLU210-113D1**												**UEL210-113D1**	
1 7/8	**UELFLU210-114D1**	7 15/32	6 3/16	25/32	1 13/16	45/64	4 9/16	2 39/64	2.469	2.750	.969	1/2	**UEL210-114D1**	FLU210D1
1 15/16	**UELFLU210-115D1**												**UEL210-115D1**	
2	**UELFLU210-200D1**												**UEL210-200D1**	
55	**UELFLU211D1**	217	184	21	49	18	134	74.6	71.4	76.2	27.8	M16	**UEL211D1**	
2	**UELFLU211-200D1**												**UEL211-200D1**	
2 1/16	**UELFLU211-201D1**	8 17/32	7 1/4	13/16	1 15/16	45/64	5 9/32	2 15/16	2.811	3.000	1.094	9/16	**UEL211-201D1**	FLU211D1
2 1/8	**UELFLU211-202D1**												**UEL211-202D1**	
2 3/16	**UELFLU211-203D1**												**UEL211-203D1**	
60	**UELFLU212D1**	235	202	21	53	18	138	80.8	77.8	84.1	31.0	M16	**UEL212D1**	
2 1/4	**UELFLU212-204D1**												**UEL212-204D1**	
2 3/8	**UELFLU212-206D1**	9 1/4	7 61/64	13/16	2 3/32	45/64	5 7/16	3 3/16	3.063	3.310	1.220	9/16	**UEL212-206D1**	FLU212D1
2 7/16	**UELFLU212-207D1**												**UEL212-207D1**	
65	**UELFLU213D1**	248	210	22	59	20.5	152	89.5	85.7	97.0	34.1	M18	**UEL213D1**	FLU213D1
2 1/2	**UELFLU213-208D1**	9 3/4	8 17/64	7/8	2 5/16	13/16	5 31/32	3 17/32	3.374	3.820	1.344	5/8	**UEL213-208D1**	
70	**UELFLU214D1**	257	216	22	62	20.5	159	89.5	85.7	97.0	34.1	M18	**UEL214D1**	
2 11/16	**UELFLU214-211D1**	10 1/8	8 1/2	7/8	2 7/16	1 3/16	6 1/4	3 17/32	3.374	3.820	1.344	5/8	**UEL214-211D1**	FLU214D1
2 3/4	**UELFLU214-212D1**												**UEL214-212D1**	
75	**UELFLU215D1**	266	225	22	65	20.5	165	95.7	92.0	102.0	37.3	M18	**UEL215D1**	
2 15/16	**UELFLU215-215D1**	10 15/32	8 55/64	7/8	2 9/16	1 3/16	6 1/2	3 49/64	3.622	4.020	1.469	5/8	**UEL215-215D1**	FLU215D1
3	**UELFLU215-300D1**												**UEL215-300D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 1 15/16 in

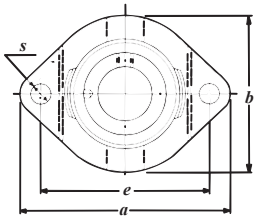


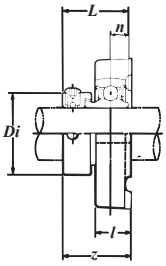


FLANGE – 2 BOLT, ECCENTRIC LOCK, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	Bi	Di	n			
20	AELFL204D1	113	90	11	25.5	12	38.5	31.0	33.3	7.5	M10	AEL204D1	FL204D1
¾	AELFL204-012D1	4 7/16	3 17/32	7/16	1	15/32	1 33/64	1.219	1.310	0.295	⅜	AEL204-012D1	
25	AELFL205D1	130	99	13	27	16	40	31.0	38.1	7.5	M14	AEL205D1	FL205D1
13/16	AELFL205-013D1	5⅛	3 29/32	½	1 1/16	⅝	1 9/16	1.219	1.500	0.295	½	AEL205-013D1	
⅞	AELFL205-014D1											AEL205-014D1	
15/16	AELFL205-015D1											AEL205-015D1	
1	AELFL205-100D1											AEL205-100D1	
30	AELFL206D1	148	117	13	31	16	44.8	35.7	44.5	9	M14	AEL206D1	FL206D1
1 1/16	AELFL206-101D1	5 13/16	4 19/32	½	1 7/32	⅝	1 49/64	1.406	1.750	0.354	½	AEL206-101D1	
1⅛	AELFL206-102D1											AEL206-102D1	
1 3/16	AELFL206-103D1											AEL206-103D1	
1¼	AELFL206-104D1											AEL206-104D1	
35	AELFL207D1	161	130	15	34	16	48.4	38.9	55.6	9.5	M14	AEL207D1	FL207D1
1¼	AELFL207-104D1	6 11/16	5⅛	19/32	1 11/32	⅝	1 29/32	1.531	2.190	0.374	½	AEL207-104D1	
1 5/16	AELFL207-105D1											AEL207-105D1	
1⅜	AELFL207-10 6D1											AEL207-106D1	
1 7/16	AELFL207-107D1											AEL207-107D1	
40	AELFL208D1	175	144	15	36	16	53.6	43.7	60.2	11	M14	AEL208D1	FL208D1
1½	AELFL208-108D1	6⅞	5 21/32	19/32	1 13/32	⅝	2 7/64	1.719	2.370	0.433	½	AEL208-108D1	
1 9/16	AELFL208-109D1											AEL208-109D1	
45	AELFL209D1	188	148	16	38	19	54.8	43.7	63.5	11	M16	AEL209D1	FL209D1
1⅝	AELFL209-110D1	7 13/32	5 13/16	⅝	1½	¾	2 5/32	1.719	2.500	0.433	⅝	AEL209-110D1	
1 11/16	AELFL209-111D1											AEL209-111D1	
1¾	AELFL209-112D1											AEL209-112D1	
50	AELFL210D1	197	157	16	40	19	54.8	43.7	69.9	11	M16	AEL210D1	FL210D1
1 13/16	AELFL210-113D1	7¾	6 3/16	⅝	1 9/16	¾	2 5/32	1.719	2.750	0.433	⅝	AEL210-113D1	
1⅞	AELFL210-114D1											AEL210-114D1	
1 15/16	AELFL210-115D1											AEL210-115D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.





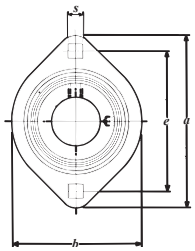
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

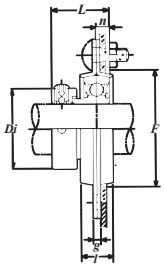
FLANGE – 2 BOLT, RHOMBUS, NARROW COLLAR

Shaft Dia	Part Number	Nominal Dimensions								Bolt Size	Insert Number	Housing Number
		a	e	s	l	b	Di	L	n			
12	**AELFD201W3**	81	63	7	15	59	29	28.6	6.5	M6	**AEL201W3**	FD201
½	**AELFD201-008W3**	3 3⁄16	2 15⁄32	9⁄32	19⁄32	2 5⁄16	1.140	1.126	.256	¼	**AEL201-008W3**	
15	**AELFD202W3**	81	63	7	15	59	29	28.6	6.5	M6	**AEL202W3**	FD201
9⁄16	**AELFD202-009W3**	3 3⁄16	2 15⁄32	9⁄32	19⁄32	2 5⁄16	1.140	1.126	.256	¼	**AEL202-009W3**	
5⁄8	**AELFD202-010W3**										**AEL202-010W3**	
17	**AELFD203W3**	81	63	7	15	59	29	28.6	6.5	M6	**AEL203W3**	FD201
11⁄16	**AELFD203-011W3**	3 3⁄16	2 15⁄32	9⁄32	19⁄32	2 5⁄16	1.140	1.126	.256	¼	**AEL203-011W3**	
20	**AELFD204W3**	90	71	10	17	67	33.3	31.0	7.5	M8	**AEL204W3**	FD204
¾	**AELFD204-012W3**	3 17⁄32	2 25⁄32	25⁄64	21⁄32	2 5⁄8	1.310	1.220	.295	5⁄16	**AEL204-012W3**	
25	**AELFD205W3**	95	76	10	17	71	38.1	31.0	7.5	M8	**AEL205**	FD205
13⁄16	**AELFD205-013W3**										**AEL205-013W3**	
7⁄8	**AELFD205-014W3**	3¾	3	25⁄64	21⁄32	2 25⁄32	1.500	1.220	.295	5⁄16	**AEL205-014W3**	
15⁄16	**AELFD205-015W3**										**AEL205-015W3**	
1	**AELFD205-100W3**										**AEL205-100W3**	
30	**AELFD206W3**	113	90	12	21	84	44.5	35.7	9	M10	**AEL206W3**	FD206
1 1⁄16	**AELFD206-101W3**										**AEL206-101W3**	
1⅛	**AELFD206-102W3**	4 7⁄16	3 17⁄32	15⁄32	13⁄16	3 5⁄16	1.750	1.406	.354	⅜	**AEL206-102W3**	
1 3⁄16	**AELFD206-103W3**										**AEL206-103W3**	
1¼	**AELFD206-104W3**										**AEL206-104W3**	
35	**AELFD207W3**	125	100	12	22	94	55.6	38.9	9.5	M10	**AEL207W3**	FD207
1¼	**AELFD207-104W3**										**AEL207-104W3**	
1 5⁄16	**AELFD207-105W3**	4 29⁄32	3 15⁄16	15⁄32	7⁄8	3 11⁄16	2.190	1.531	.374	⅜	**AEL207-105W3**	
1⅜	**AELFD207-106W3**										**AEL207-106W3**	
1 7⁄16	**AELFD207-107W3**										**AEL207-107W3**	

Note: These numbers indicate maintenance free type. If relubricatable type is needed, please order with prefix A- and add the suffix D1, ex. A-AELFD201D1. W3 suffix indicates set screw, cup point.

Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

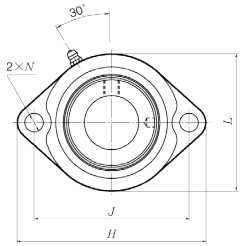


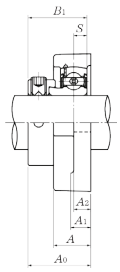


FLANGE – 2 BOLT, RHOMBUS, STEEL SERIES, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		a	e	g	s	l	b	Di	L	n	F min			
12	**AELPFL201W3**	81	63	4.0	7	14	59	29	28.6	6.5	49	M6	**AEL201W3**	PFL203
½	**AELPFL201-008W3**	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	2 5⁄16	1.140	1.126	.256	1 15⁄16	¼	**AEL201-008W3**	
15	**AELPFL202W3**	81	63	4.0	7	14	59	29	28.6	6.5	49	M6	**AEL202W3**	
9⁄16	**AELPFL202-009W3**	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	2 5⁄16	1.140	1.126	.256	1 15⁄16	¼	**AEL202-009W3**	PFL203
⅝	**AELPFL202-010W3**												**AEL202-010W3**	
17	**AELPFL203W3**	81	63	4.0	7	14	59	29	28.6	6.5	49	M6	**AEL203W3**	PFL203
11⁄16	**AELPFL203-011W3**	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	2 5⁄16	1.140	1.126	.256	1 15⁄16	¼	**AEL203-011W3**	
20	**AELPFL204W3**	90	71	4.0	9	16	67	33.3	31.0	7.5	56	M8	**AEL204W3**	PFL204
¾	**AELPFL204-012W3**	3 17⁄32	2 25⁄32	.157	23⁄64	⅝	2 ⅝	1.310	1.220	.295	2 7⁄32	5⁄16	**AEL204-012W3**	
25	**AELPFL205W3**	95	76	4.0	9	18	71	38.1	31.0	7.5	60	M8	**AEL205W3**	
13⁄16	**AELPFL205-013W3**												**AEL205-013W3**	
⅞	**AELPFL205-014W3**												**AEL205-014W3**	
15⁄16	**AELPFL205-015W3**	3¾	3	.157	23⁄64	23⁄32	2 25⁄32	1.500	1.220	.295	2⅜	5⁄16	**AEL205-015W3**	PFL205
1	**AELPFL205-100W3**												**AEL205-100W3**	
30	**AELPFL206W3**	113	90	5.2	11	18	84	44.5	35.7	9	71	M10	**AEL206W3**	
1 1⁄16	**AELPFL206-101W3**												**AEL206-101W3**	
1⅛	**AELPFL206-102W3**												**AEL206-102W3**	
1 3⁄16	**AELPFL206-103W3**	4 7⁄16	3 17⁄32	.205	7⁄16	23⁄32	3 5⁄16	1.750	1.406	.354	2 25⁄32	⅜	**AEL206-103W3**	PFL206
1¼	**AELPFL206-104W3**												**AEL206-104W3**	
35	**AELPFL207W3**	122	100	5.2	11	20	94	55.6	38.9	9.5	81	M10	**AEL207W3**	
1¼	**AELPFL207-104W3**												**AEL207-104W3**	
1 5⁄16	**AELPFL207-105W3**												**AEL207-105W3**	
1⅜	**AELPFL207-106W3**	4 13⁄16	3 15⁄16	.205	7⁄16	25⁄32	3 11⁄16	2.190	1.531	.374	3 3⁄16	⅜	**AEL207-106W3**	PFL207
1 7⁄16	**AELPFL207-107W3**												**AEL207-107W3**	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat. W3 suffix indicates set screw, cup point.





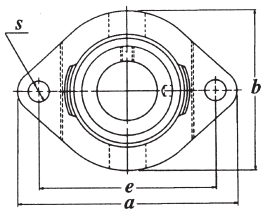
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

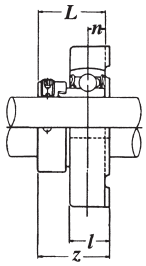
FLANGE – 2 BOLT, RHOMBUS, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		H	J	A_2	A_1	A	N	L	A_0	Bi	S			
12	**AELFB201D1W3**	81	63.5	9.5	9.5	18	7	56	31.6	28.6	6.5	M6	**AEL201D1W3**	FB201
½	**AELFB201-008D1W3**	3 3⁄16	2½	⅜	⅜	23⁄32	9⁄32	2 7⁄32	1¼	1.126	0.256	¼	**AEL201-008D1W3**	
15	**AELFB202D1W3**	81	63.5	9.5	9.5	18	7	56	31.6	28.6	6.5	M6	**AEL202D1W3**	
9⁄16	**AELFB202-009D1W3**	3 3⁄16	2½	⅜	⅜	23⁄32	9⁄32	2 7⁄32	1¼	1.126	0.256	¼	**AEL202-009D1W3**	FB201
⅝	**AELFB202-010D1W3**												**AEL202-010D1W3**	
17	**AELFB203D1W3**	81	63.5	9.5	9.5	18	7	56	31.6	28.6	6.5	M6	**AEL203D1W3**	FB201
11⁄16	**AELFB203-011D1W3**	3 3⁄16	2½	⅜	⅜	23⁄32	9⁄32	2 7⁄32	1¼	1.126	0.256	¼	**AEL203-011D1W3**	
20	**AELFB204D1W3**	90	71.5	11	11	20	10	61	34.5	31.0	7.5	M8	**AEL204D1W3**	FB204
¾	**AELFB204-012D1W3**	3 35⁄64	2 13⁄16	7⁄16	7⁄16	25⁄32	25⁄64	2 13⁄32	1 23⁄64	1.220	0.295	5⁄16	**AEL204-012D1W3**	
25	**AELFB205D1W3**	95	76	11	11	20	10	64	34.5	31.0	7.5	M8	**AEL205D1W3**	
13⁄16	**AELFB205-013D1W3**												**AEL205-013D1W3**	
⅞	**AELFB205-014D1W3**	3¾	2 63⁄64	7⁄16	7⁄16	25⁄32	25⁄64	2 17⁄32	1 23⁄64	1.220	0.295	5⁄16	**AEL205-014D1W3**	FB205
15⁄16	**AELFB205-015D1W3**												**AEL205-015D1W3**	
1	**AELFB205-100D1W3**												**AEL205-100D1W3**	
30	**AELFB206D1W3**	113	90.5	12	12	22.5	12	76	38.7	35.7	9	M10	**AEL206D1W3**	
1 1⁄16	**AELFB206-101D1W3**												**AEL206-101D1W3**	
1⅛	**AELFB206-102D1W3**	4 7⁄16	3 9⁄16	15⁄32	15⁄32	⅞	15⁄32	3	1 17⁄32	1.406	0.354	⅜	**AEL206-102D1W3**	FB206
1 1⁄16	**AELFB206-103D1W3**												**AEL206-103D1W3**	
1¼	**AELFB206-104D1W3**												**AEL206-104D1W3**	
35	**AELFB207D1W3**	122	100	11	13	24	12	89	40.4	38.9	9.5	M10	**AEL207D1W3**	
1¼	**AELFB207-104D1W3**												**AEL207-104D1W3**	
1 5⁄16	**AELFB207-105D1W3**	4 51⁄64	3 15⁄16	7⁄16	½	15⁄16	15⁄32	3½	1 19⁄32	1.531	0.374	⅜	**AEL207-105D1W3**	FB207
1⅜	**AELFB207-106D1W3**												**AEL207-106D1W3**	
1 7⁄16	**AELFB207-107D1W3**												**AEL207-107D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.

Units	Shaft Dia.
Metric	20 - 60 mm
Standard	¾ - 2⅜ in

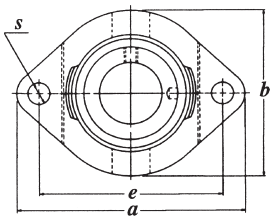


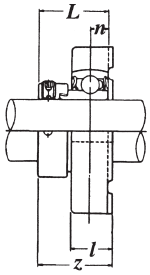


FLANGE – 2 BOLT, ECCENTRIC LOCK, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions								Bolt Size	Insert Number	Housing Number
		a	e	s	b	l	z	L	n			
20	**JELFL204D1W3**	113	90	12	60	25.5	38.5	31.0	7.5	M10	**JEL204D1W3**	FL204D1
¾	**JELFL204-012D1W3**	4 7/16	3 35/64	15/32	2 3/8	1	1 33/64	1.220	.295	5/16	**JEL204-012D1W3**	
25	**JELFL205D1W3**	130	99	16	68	27	39.5	31.0	7.5	M14	**JEL205D1W3**	
13/16	**JELFL205-013D1W3**										**JEL205-013D1W3**	
⅞	**JELFL205-014D1W3**	5 1/8	3 57/64	5/8	2 11/16	1 1/16	1 9/16	1.220	.295	½	**JEL205-014D1W3**	FL205D1
15/16	**JELFL205-015D1W3**										**JEL205-015D1W3**	
1	**JELFL205-100D1W3**										**JEL205-100D1W3**	
30	**JELFL206D1W3**	148	117	16	80	31	44.7	35.7	9	M14	**JEL206D1W3**	
1 1/16	**JELFL206-101D1W3**										**JEL206-101D1W3**	
1⅛	**JELFL206-102D1W3**	5 13/16	4 39/64	5/8	3 5/32	1 7/32	1 49/64	1.406	.354	½	**JEL206-102D1W3**	FL206D1
1 3/16	**JELFL206-103D1W3**										**JEL206-103D1W3**	
1¼	**JELFL206-104D1W3**										**JEL206-104D1W3**	
35	**JELFL207D1W3**	161	130	16	90	34	48.4	38.9	9.5	M14	**JEL207D1W3**	
1¼	**JELFL207-104D1W3**										**JEL207-104D1W3**	
1 5/16	**JELFL207-105D1W3**	6 1/32	5⅛	5/8	3 17/32	1 21/64	1 29/32	1.531	.374	½	**JEL207-105D1W3**	FL207D1
1⅜	**JELFL207-106D1W3**										**JEL207-106D1W3**	
1 7/16	**JELFL207-107D1W3**										**JEL207-107D1W3**	
40	**JELFL208D1W3**	175	144	16	100	36	53.7	43.7	11	M14	**JEL208D1W3**	
1½	**JELFL208-108D1W3**	6⅞	5 43/64	5/8	3 15/16	1 11/32	2 7/16	1.720	.433	½	**JEL208-108D1W3**	FL208D1
1 9/16	**JELFL208-109D1W3**										**JEL208-109D1W3**	
45	**JELFL209D1W3**	188	148	19	108	38	54.7	43.7	11	M16	**JEL209D1W3**	
1⅝	**JELFL209-110D1W3**										**JEL209-110D1W3**	
1 11/16	**JELFL209-111D1W3**	7 13/32	5 53/64	¾	4¼	1½	2 5/32	1.720	.433	⅝	**JEL209-111D1W3**	FL209D1
1¾	**JELFL209-112D1W3**										**JEL209-112D1W3**	
50	**JELFL210D1W3**	197	157	19	115	40	54.7	43.7	11	M16	**JEL210D1W3**	
1 13/16	**JELFL210-113D1W3**										**JEL210-113D1W3**	
1⅞	**JELFL210-114D1W3**	7¾	6 3/16	¾	4 17/32	1 9/16	2 5/32	1.720	.433	⅝	**JEL210-114D1W3**	FL210D1
1 15/16	**JELFL210-115D1W3**										**JEL210-115D1W3**	
2	**JELFL210-220D1W3**										**JEL210-220D1W3**	
55	**JELFL211D1W3**	224	184	19	130	43	61.4	46.4	12	M16	**JEL211D1W3**	
2	**JELFL211-200D1W3**										**JEL211-200D1W3**	
2 1/16	**JELFL211-201D1W3**	8 13/16	7¼	¾	5⅛	1 1/16	2 27/64	1.906	.472	⅝	**JEL211-201D1W3**	FL211D1
2⅛	**JELFL211-202D1W3**										**JEL211-202D1W3**	
2 3/16	**JELFL211-203D1W3**										**JEL211-203D1W3**	
60	**JELFL212D1W3**	250	202	23	140	48	68.6	53.1	13.5	M20	**JEL212D1W3**	
2¼	**JELFL212-204D1W3**										**JEL212-204D1W3**	
2 5/16	**JELFL212-205D1W3**	9 27/32	7 61/64	29/32	5½	1⅞	2 45/64	2.091	.531	¾	**JEL212-205D1W3**	FL212D1
2⅜	**JELFL212-206D1W3**										**JEL212-206D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.





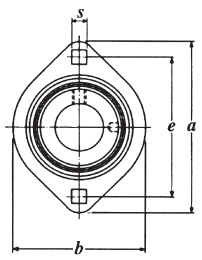
Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

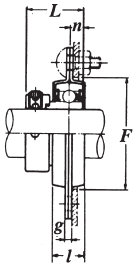
FLANGE – 2 BOLT, RHOMBUS, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	s	b	l	z	Di	L	n			
12	**JELFD201**	81	63	7	59	15	30.6	29.0	28.6	6.5	M6	**JEL201**	FD201
½	**JELFD201-008**	3 3⁄16	2 15⁄32	9⁄32	2 5⁄16	19⁄32	1 13⁄64	1.140	1.126	.256	¼	**JEL201-008**	
15	**JELFD202**	81	63	7	59	15	30.6	29.0	28.6	6.5	M6	**JEL202**	
9⁄16	**JELFD202-009**	3 3⁄16	2 15⁄32	9⁄32	2 5⁄16	19⁄32	1 13⁄64	1.140	1.126	.256	¼	**JEL202-009**	FD201
⅝	**JELFD202-010**											**JEL202-010**	
17	**JELFD203**	81	63	7	59	15	30.6	29.0	28.6	6.5	M6	**JEL203**	FD201
11⁄16	**JELFD203-011**	3 3⁄16	2 15⁄32	9⁄32	2 5⁄16	19⁄32	1 13⁄64	1.140	1.126	.256	¼	**JEL203-011**	
20	**JELFD204**	90	71	10	67	17	33.0	33.3	31.0	7.5	M8	**JEL204**	FD204
¾	**JELFD204-012**	3 17⁄32	2 25⁄32	25⁄64	2 ⅝	21⁄32	1 19⁄64	1.310	1.220	.295	5⁄16	**JEL204-012**	
25	**JELFD205**	95	76	10	71	17	33.0	38.1	31.0	7.5	M8	**JEL205**	
13⁄16	**JELFD205-013**											**JEL205-013**	
⅞	**JELFD205-014**											**JEL205-014**	FD205
15⁄16	**JELFD205-015**	3¾	3	25⁄64	2 25⁄32	21⁄32	1 19⁄64	1.500	1.220	.295	5⁄16	**JEL205-015**	
1	**JELFD205-100**											**JEL205-100**	
30	**JELFD206**	113	90	12	84	21	38.7	44.5	35.7	9	M10	**JEL206**	
1 1⁄16	**JELFD206-101**											**JEL206-101**	
1⅛	**JELFD206-102**											**JEL206-102**	FD206
1 3⁄16	**JELFD206-103**	4 7⁄16	3 17⁄32	15⁄32	3 5⁄16	13⁄16	1 17⁄32	1.750	1.406	.354	⅜	**JEL206-103**	
1¼	**JELFD206-104**											**JEL206-104**	
35	**JELFD207**	125	100	12	94	22	41.9	55.6	38.9	9.5	M10	**JEL207**	
1¼	**JELFD207-104**											**JEL207-104**	
1 5⁄16	**JELFD207-105**											**JEL207-105**	FD207
1⅜	**JELFD207-106**	4 29⁄32	3 15⁄16	15⁄32	3 11⁄16	⅞	1 21⁄32	2.190	1.531	.374	⅜	**JEL207-106**	
1 7⁄16	**JELFD207-107**											**JEL207-107**	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat.

Units	Shaft Dia.
Metric	12 - 35 mm
Standard	½ - 1 1⁄16 in

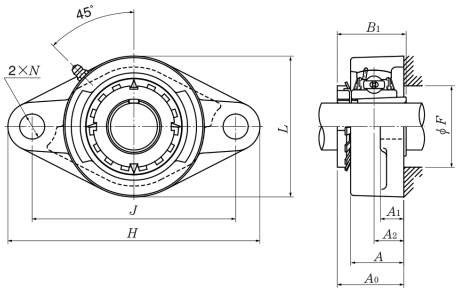




FLANGE – 2 BOLT, RHOMBUS, STEEL SERIES, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	Bi	Di	n	F min			
12	JELPFL201	81	63	4.0	7	14	59	29.0	28.6	6.5	49	M6	JEL201	PFL203
½	JELPFL201-008	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	2 5⁄16	1.140	1.126	.256	1 15⁄16	¼	JEL201-088	
15	JELPFL202	81	63	4.0	7	14	59	29.0	28.6	6.5	49	M6	JEL202	PFL203
9⁄16	JELPFL202-009	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	2 5⁄16	1.140	1.126	.256	1 15⁄16	¼	JEL202-009	
⅝	JELPFL202-010												JEL202-010	
17	JELPFL203	81	63	4.0	7	14	59	29.0	28.6	6.5	49	M6	JEL203	PFL203
11⁄16	JELPFL203-011	3 3⁄16	2 15⁄32	.157	9⁄32	9⁄16	2 5⁄16	1.140	1.126	.256	1 15⁄16	¼	JEL203-011	
20	JELPFL204	90	71	4.0	9	16	67	33.3	31.0	7.5	56	M8	JEL204	PFL204
¾	JELPFL204-012	3 17⁄32	2 25⁄32	.157	23⁄64	⅝	2 ⅝	1.310	1.220	.295	2 7⁄32	5⁄16	JEL204-012	
25	JELPFL205	95	76	4.0	9	18	71	38.1	31.0	7.5	60	M8	JEL205	PFL205
13⁄16	JELPFL205-013												JEL205-013	
⅞	JELPFL205-014	3¾	3	.157	23⁄64	23⁄32	2 25⁄32	1.500	1.220	.295	2⅜	5⁄16	JEL205-014	
15⁄16	JELPFL205-015												JEL205-015	
1	JELPFL205-100												JEL205-100	
30	JELPFL206	113	90	5.2	11	18	84	44.5	35.7	9	71	M10	JEL206	PFL206
1 1⁄16	JELPFL206-101												JEL206-101	
1⅛	JELPFL206-102	4 7⁄16	3 17⁄32	.205	7⁄16	23⁄32	3 5⁄16	1.750	1.406	.354	2 25⁄32	⅜	JEL206-102	
1 3⁄16	JELPFL206-103												JEL206-103	
1¼	JELPFL206-104												JEL206-104	
35	JELPFL207	122	100	5.2	11	20	94	55.6	38.9	9.5	81	M10	JEL207	PFL207
1¼	JELPFL207-104												JEL207-104	
1 5⁄16	JELPFL207-105	4 13⁄16	3 15⁄16	.205	7⁄16	25⁄32	3 11⁄16	2.190	1.531	.374	3 3⁄16	⅜	JEL207-105	
1⅜	JELPFL207-106												JEL207-106	
1 7⁄16	JELPFL207-107												JEL207-107	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat.



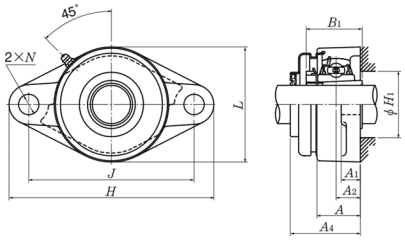
Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 2 in

FLANGE – 2 BOLT, TAPERED BORE

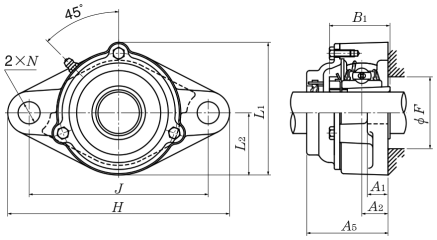
Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number
		H	J	A_2	A_1	A	N	L	A_0	B_1	F min.		
20	**UKFL205D1 ; H2305X**	130	99	16	13	27	16	68	35.5	35	30	M14	**UK205D1 ; H2305X**
¾	**UKFL205D1 ; HE2305**	5 1/8	3 57/64	5/8	1/2	1 1/16	5/8	2 11/16	1 25/64	1.378	1 3/16	1/2	**UK205D1 ; HE2305**
25	**UKFL206D1 ; H2306X**	148	117	18	13	31	16	80	39	38	36	M14	**UK206D1 ; H2306X**
7/8	**UKFL206D1 ; HS2306**	5 13/16	4 39/64	45/64	1/2	1 7/32	5/8	3 5/32	1 17/32	1.496	1 13/32	1/2	**UK206D1 ; HS2306**
1	**UKFL206D1 ; HE2306X**												**UK206D1 ; HE2306X**
30	**UKFL207D1 ; H2307X**	161	130	19	15	34	16	90	42.5	43	40	M14	**UK207D1 ; H2307X**
1 1/8	**UKFL207D1 ; HS2307**	6 1/32	5 1/8	3/4	19/32	1 11/32	5/8	3 17/32	1 43/64	1.693	1 9/16	1/2	**UK207D1 ; HS2307**
35	**UKFL208D1 ; H2308X**	175	144	21	15	36	16	100	46.5	46	46	M14	**UK208D1 ; H2308X**
1 1/4	**UKFL208D1 ; HE2308X**	6 7/8	5 43/64	53/64	19/32	1 13/32	5/8	3 15/16	1 53/64	1.811	1 13/16	1/2	**UK208D1 ; HE2308X**
1 3/8	**UKFL208D1 ; HS2308X**												**UK208D1 ; HS2308X**
40	**UKFL209D1 ; H2309X**	188	148	22	16	38	19	108	48.5	50	52	M16	**UK209D1 ; H2309X**
1 7/16	**UKFL209D1 ; HA2309**												**UK209D1 ; HA2309**
1 1/2	**UKFL209D1 ; HE2309X**	7 13/32	5 53/64	55/64	5/8	1 1/2	3/4	4 1/4	1 29/32	1.969	2 1/16	5/8	**UK209D1 ; HE2309X**
1 5/8	**UKFL209D1 ; HS2309X**												**UK209D1 ; HS2309X**
45	**UKFL210D1 ; H2310X**	197	157	22	16	40	19	115	50	55	57	M16	**UK210D1 ; H2310X**
1 5/8	**UKFL210D1 ; HS2310**												**UK210D1 ; HS2310**
1 11/16	**UKFL210D1 ; HA2310**	7 3/4	6 3/16	55/64	5/8	1 9/16	3/4	4 17/32	1 31/32	2.165	2 1/4	5/8	**UK210D1 ; HA2310**
1 3/4	**UKFL210D1 ; HE2310X**												**UK210D1 ; HE2310X**
50	**UKFL211D1 ; H2311X**	224	184	25	18	43	19	130	54.5	59	64	M16	**UK211D1 ; H2311X**
1 7/8	**UKFL211D1 ; HS2311**												**UK211D1 ; HS2311X**
1 15/16	**UKFL211D1 ; HA2311**	8 13/16	7 1/4	63/64	23/32	1 11/16	3/4	5 1/8	2 3/64	2.323	2 17/32	5/8	**UK211D1 ; HA2311X**
2	**UKFL211D1 ; HE2311XY**												**UK211D1 ; HE2311XY**

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.

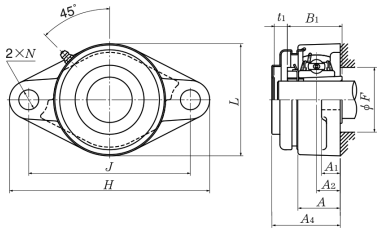
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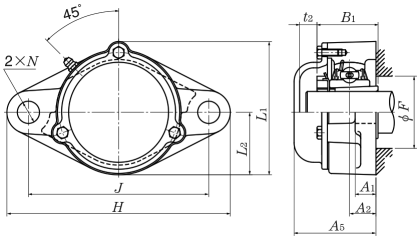
Pressed Steel Dust Cover – Open
S-UKFL...D1



Cast Steel Dust Cover – Open
C-UKFL...D1



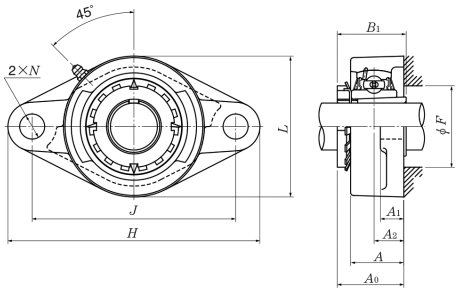
Pressed Steel Dust Cover – Closed
SM-UKFL...D1



Cast Steel Dust Cover – Closed
CM-UKFL...D1

FLANGE – 2 BOLT, TAPERED BORE (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions						Housing Number	Part Number
		t_1	t_2	A_4	A_5	L_1	L_2		
S(SM)-UKFL205D1 ; H2305X	C(CM)-UKFL205D1 ; H2305X	7	11	44.5	51	74	34	FL205D1	UKFL205D1 ; H2305X
S(SM)-UKFL205ED1 ; HE2305	C(CM)-UKFL205ED1 ; HE2305	9/32	7/16	1¾	2	2 29/32	1 11/32		UKFL205D1 ; HE2305
S(SM)-UKFL206D1 ; H2306X	C(CM)-UKFL206D1 ; H2306X	8	13	49	56	85	40	FL206D1	UKFL206D1 ; H2306X
S(SM)-UKFL206SD1 ; HS2306	C(CM)-UKFL206SD1 ; HS2306	5/16	33/64	1 15/16	2 7/16	3 11/32	1 9/16		UKFL206D1 ; HS2306
S(SM)-UKFL206ED1 ; HE2306X	C(CM)-UKFL206ED1 ; HE2306X								UKFL206D1 ; HE2306X
S(SM)-UKFL207D1 ; H2307X	C(CM)-UKFL207D1 ; H2307X	10	12	55	59	97	45	FL207D1	UKFL207D1 ; H2307X
S(SM)-UKFL207SD1 ; HS2307	C(CM)-UKFL207SD1 ; HS2307	25/64	15/32	2 5/32	2 5/16	3 13/16	1 25/32		UKFL207D1 ; HS2307
S(SM)-UKFL208D1 ; H2308X	C(CM)-UKFL208D1 ; H2308X	13	14	62	66	106	50	FL208D1	UKFL208D1 ; H2308X
S(SM)-UKFL208ED1 ; HE2308X	C(CM)-UKFL208ED1 ; HE2308X	33/64	35/64	2 7/16	2 19/32	4 3/16	1 31/32		UKFL208D1 ; HE2308X
S(SM)-UKFL208SD1 ; HS2308X	C(CM)-UKFL208SD1 ; HS2308X								UKFL208D1 ; HS2308X
S(SM)-UKFL209D1 ; H2309X	C(CM)-UKFL209D1 ; H2309X	12	16	63	70	113	54	FL209D1	UKFL209D1 ; H2309X
S(SM)-UKFL209AD1 ; HA2309	C(CM)-UKFL209AD1 ; HA2309								UKFL209D1 ; HA2309
S(SM)-UKFL209ED1 ; HE2309X	C(CM)-UKFL209ED1 ; HE2309X	15/32	5/8	2 15/32	2¾	4 7/16	2⅛		UKFL209D1 ; HE2309X
S(SM)-UKFL209SD1 ; HS2309X	C(CM)-UKFL209SD1 ; HS2309X								UKFL209D1 ; HS2309X
S(SM)-UKFL210D1 ; H2310X	C(CM)-UKFL210D1 ; H2310X	13	17	65.5	72	120	58	FL210D1	UKFL210D1 ; H2310X
S(SM)-UKFL210SD1 ; HS2310	C(CM)-UKFL210SD1 ; HS2310								UKFL210D1 ; HS2310
S(SM)-UKFL210AD1 ; HA2310	C(CM)-UKFL210AD1 ; HA2310	33/64	21/32	2 19/32	2 27/32	4 23/32	2 3/32		UKFL210D1 ; HA2310
S(SM)-UKFL210ED1 ; HE2310X	C(CM)-UKFL210ED1 ; HE2310X								UKFL210D1 ; HE2310X
S(SM)-UKFL211D1 ; H2311X	C(CM)-UKFL211D1 ; H2311X	14	15	71	75	133	65	FL211D1	UKFL211D1 ; H2311X
S(SM)-UKFL211SD1 ; HS2311	C(CM)-UKFL211SD1 ; HS2311								UKFL211D1 ; HS2311
S(SM)-UKFL211AD1 ; HA2311	C(CM)-UKFL211AD1 ; HA2311	35/64	19/32	2 25/32	2 15/16	5¼	2 9/16		UKFL211D1 ; HA2311
S(SM)-UKFL211ED1 ; HE2311XY	C(CM)-UKFL211ED1 ; HE2311XY								UKFL211D1 ; HE2311XY



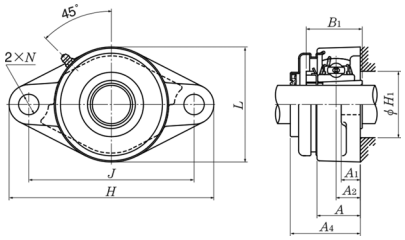
Units	Shaft Dia.
Metric	55 - 80 mm
Standard	2⅛ - 3³⁄₁₆ in

FLANGE – 2 BOLT, TAPERED BORE

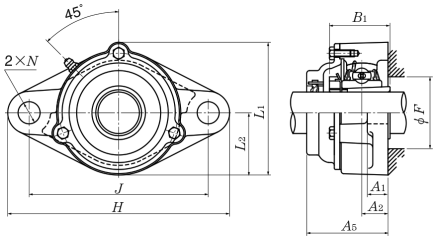
Shaft Dia.	Part Number	Nominal Dimensions										Bolt Size	Insert Number
		H	J	A_2	A_1	A	N	L	A_0	B_1	F min.		
55	**UKFL212D1 ; H2312X**	250	202	29	18	48	23	140	61	62	69	M20	**UK212D1 ; H2312X**
2⅛	**UKFL212D1 ; HS2312**	9²⁷⁄₃₂	7⁶¹⁄₆₄	1⅛₄	²³⁄₃₂	1⅞	²⁹⁄₃₂	5½	2¹³⁄₃₂	2.441	2²³⁄₃₂	¾	**UK212D1 ; HS2312**
60	**UKFL213D1 ; H2313X**	258	210	30	22	50	23	155	64	65	74	M20	**UK213D1 ; H2313X**
2³⁄₁₆	**UKFL213D1 ; HA2313**												**UK213D1 ; HA2313**
2¼	**UKFL213D1 ; HE2313X**	10⁵⁄₃₂	8¹⁷⁄₆₄	1³⁄₁₆	⅞	1³¹⁄₃₂	²⁹⁄₃₂	6³⁄₃₂	2³³⁄₆₄	2.559	2²⁹⁄₃₂	¾	**UK213D1 ; HE2313X**
2⅜	**UKFL213D1 ; HS2313X**												**UK213D1 ; HS2313X**
65	**UKFL215D1 ; H2315X**	275	225	34	22	56	23	165	71	73	84	M20	**UK215D1 ; H2315X**
2⁷⁄₁₆	**UKFL215D1 ; HA2315**	10¹³⁄₁₆	8¹⁷⁄₆₄	1¹¹⁄₃₂	⅞	2⁷⁄₃₂	²⁹⁄₃₂	6½	2⁵¹⁄₆₄	2.874	3⁵⁄₁₆	¾	**UK215D1 ; HA2315**
2½	**UKFL215D1 ; HE2315X**												**UK215D1 ; HE2315X**
70	**UKFL216D1 ; H2316X**	290	233	34	22	58	25	180	73.5	78	90	M22	**UK216D1 ; H2316X**
2¹¹⁄₁₆	**UKFL216D1 ; HA2316**	11¹³⁄₃₂	9¹¹⁄₆₄	1¹¹⁄₃₂	⅞	2⁹⁄₃₂	⁶³⁄₆₄	7³⁄₃₂	2⁵⁷⁄₆₄	3.071	3¹⁷⁄₃₂	⅞	**UK216D1 ; HA2316**
2¾	**UKFL216D1 ; HE2316X**												**UK216D1 ; HE2316X**
75	**UKFL217D1 ; H2317X**	305	248	36	24	63	25	190	77	82	95	M22	**UK217D1 ; H2317X**
2¹⁵⁄₁₆	**UKFL217D1 ; HA2317X**	12	9⁴⁹⁄₆₄	1²⁷⁄₆₄	¹⁵⁄₁₆	2¹⁵⁄₃₂	⁶³⁄₆₄	7¹⁵⁄₃₂	3¹⁄₃₂	3.228	3¾	⅞	**UK217D1 ; HA2317X**
3	**UKFL217D1 ; HE2317X**												**UK217D1 ; HE2317X**
80	**UKFL218D1 ; H2318X**	320	265	40	24	68	25	205	81.5	86	102	M22	**UK217D1 ; H2318X**
3³⁄₁₆	**UKFL218D1 ; HA2318X**	12¹⁹⁄₃₂	10⁷⁄₁₆	1³⁷⁄₆₄	¹⁵⁄₁₆	2¹¹⁄₁₆	⁶³⁄₆₄	8¹⁄₁₆	3¹³⁄₆₄	3.386	4¹⁄₃₂	⅞	**UK217D1 ; HA2318X**

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.

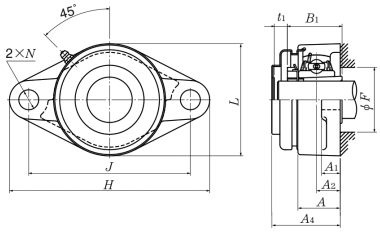
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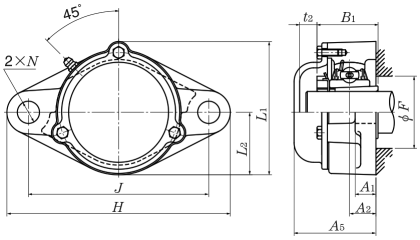
Pressed Steel Dust Cover – Open
S-UKFL...D1



Cast Steel Dust Cover – Open
C-UKFL...D1



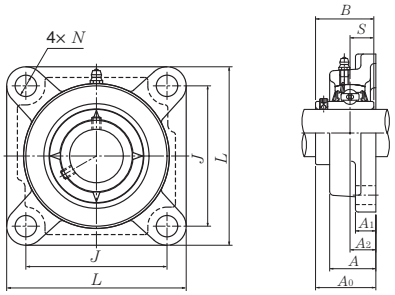
Pressed Steel Dust Cover – Closed
SM-UKFL...D1



Cast Steel Dust Cover – Closed
CM-UKFL...D1

FLANGE – 2 BOLT, TAPERED BORE (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions						Housing Number	Part Number
		t_1	t_2	A_4	A_5	L_1	L_2		
S(SM)-UKFL212D1 ; H2312X	C(CM)-UKFL212D1 ; H2312X	16	20	80	86	144	70	FL212D1	UKFL212D1 ; H2312X
S(SM)-UKFL212SD1 ; HS2312	C(CM)-UKFL212SD1 ; HS2312	5/8	25/32	3 5/32	3 3/8	5 21/32	2 3/4		UKFL212D1 ; HS2312
S(SM)-UKFL213D1 ; H2313X	C(CM)-UKFL213D1 ; H2313X	17	21	83.5	90	157	78	FL213D1	UKFL213D1 ; H2313X
S(SM)-UKFL213AD1 ; HA2313	C(CM)-UKFL213AD1 ; HA2313								UKFL213D1 ; HA2313
S(SM)-UKFL213ED1 ; HE2313X	C(CM)-UKFL213ED1 ; HE2313X	21/32	13/16	3 3/32	3 17/32	6 3/16	3 1/16		UKFL213D1 ; HE2313X
S(SM)-UKFL213SD1 ; HS2313X	C(CM)-UKFL213SD1 ; HS2313X								UKFL213D1 ; HS2313X
–	C(CM)-UKFL215D1 ; H2315X	–	25	–	102	169	82	FL215D1	UKFL215D1 ; H2315X
	C(CM)-UKFL215AD1 ; HA2315		63/64		4 1/32	6 21/32	3 7/32		UKFL215D1 ; HA2315
	C(CM)-UKFL215ED1 ; HE2315X								UKFL215D1 ; HE2315X
–	C(CM)-UKFL216D1 ; H2316X	–	26	–	106	183	90	FL216D1	UKFL216D1 ; H2316X
	C(CM)-UKFL216AD1 ; HA2316		1 1/32		4 3/16	7 7/32	3 17/32		UKFL216D1 ; HA2316
	C(CM)-UKFL216ED1 ; HE2316X								UKFL216D1 ; HE2316X
–	C(CM)-UKFL217D1 ; H2317X	–	31	–	114	192	95	FL217D1	UKFL217D1 ; H2317X
	C(CM)-UKFL217AD1 ; HA2317X		1 7/32		4 1/2	7 9/16	3 3/4		UKFL217D1 ; HA2317X
	C(CM)-UKFL217ED1 ; HE2317X								UKFL217D1 ; HE2317X
–	C(CM)-UKFL218D1 ; H2318X	–	34	–	122	205	102	FL218D1	UKFL218D1 ; H2318X
	C(CM)-UKFL218AD1 ; HA2318X		1 11/32		4 13/16	8 1/16	4 1/32		UKFL218D1 ; HA2318X



Units	Shaft Dia.
Metric	12 - 60 mm
Standard	½ - 2 7/16 in

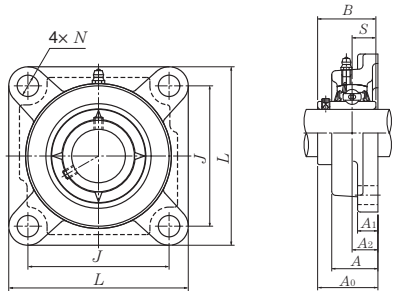
FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		L	J	A_2	A_1	A	N	A_0	B	S			
12	UCF201D1	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	UC201D1	F204D1
½	UCF201-008D1	3⅜	2 33/64	19/32	7/16	1	15/32	1 5/16	1.220	.500	⅜	UC201-008D1	
15	UCF202D1	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	UC202D1	F204D1
9/16	UCF202-009D1	3⅜	2 33/64	19/32	7/16	1	15/32	1 5/16	1.220	.500	⅜	UC202-009D1	
⅝	UCF202-010D1											UC202-010D1	
17	UCF203D1	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	UC203D1	F204D1
11/16	UCF203-011D1	3⅜	2 33/64	19/32	7/16	1	15/32	1 5/16	1.220	.500	⅜	UC203-011D1	
20	UCF204D1	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	UC204D1	F204D1
¾	UCF204-012D1	3⅜	2 33/64	19/32	7/16	1	15/32	1 5/16	1.220	.500	⅜	UC204-012D1	
25	UCF205D1	95	70	16	13	27	12	35.8	34.1	14.3	M10	UC205D1	F205D1
13/16	UCF205-013D1	3¾	2¾	⅝	½	1 1/16	15/32	1 13/32	1.343	.563	⅜	UC205-013D1	
⅞	UCF205-014D1											UC205-014D1	
15/16	UCF205-015D1											UC205-015D1	
1	UCF205-100D1											UC205-100D1	
30	UCF206D1	108	83	18	13	31	12	40.2	38.1	15.9	M10	UC206D1	F206D1
1 1/16	UCF206-101D1	4¼	3 17/64	23/32	½	1 7/32	15/32	1 37/64	1.500	.626	⅜	UC206-101D1	
1⅛	UCF206-102D1											UC206-102D1	
1 3/16	UCF206-103D1											UC206-103D1	
1¼	UCF206-104D1											UC206-104D1	
35	UCF207D1	117	92	19	15	34	14	44.4	42.9	17.5	M12	UC207D1	F207D1
1¼	UCF207-104D1	4 19/32	3⅝	¾	19/32	1 11/32	35/64	1¾	1.689	.689	7/16	UC207-104D1	
1 5/16	UCF207-105D1											UC207-105D1	
1⅜	UCF207-106D1											UC207-106D1	
1 7/16	UCF207-107D1											UC207-107D1	
40	UCF208D1	130	102	21	15	36	16	51.2	49.2	19.0	M14	UC208D1	F208D1
1½	UCF208-108D1	5⅛	4 1/64	53/64	19/32	1 13/32	⅝	2 1/64	1.937	.748	½	UC208-108D1	
1 9/16	UCF208-109D1											UC208-109D1	
45	UCF209D1	137	105	22	16	38	16	52.2	49.2	19.0	M14	UC209D1	F209D1
1⅝	UCF209-110D1	5 13/32	4 9/64	55/64	⅝	1½	⅝	2 1/16	1.937	.748	½	UC209-110D1	
1 11/16	UCF209-111D1											UC209-111D1	
1¾	UCF209-112D1											UC209-112D1	
50	UCF210D1	143	111	22	16	40	16	54.6	51.6	19.0	M14	UC210D1	F210D1
1 13/16	UCF210-113D1	5⅝	4⅜	55/64	⅝	1 9/16	⅝	2 5/32	2.031	.748	½	UC210-113D1	
1⅞	UCF210-114D1											UC210-114D1	
1 15/16	UCF210-115D1											UC210-115D1	
2	UCF210-200D1											UC210-200D1	
55	UCF211D1	162	130	25	18	43	19	58.4	55.6	22.2	M16	UC211D1	F211D1
2	UCF211-200D1	6⅜	5⅛	63/64	23/32	1 11/16	¾	2 19/64	2.189	.874	⅝	UC211-200D1	
2 1/16	UCF211-201D1											UC211-201D1	
2⅛	UCF211-202D1											UC211-202D1	
2 3/16	UCF211-203D1											UC211-203D1	
60	UCF212D1	175	143	29	18	48	19	68.7	65.1	25.4	M16	UC212D1	F212D1
2¼	UCF212-204D1	6⅞	5⅝	1 9/64	23/32	1⅞	¾	2 45/64	2.563	1.000	⅝	UC212-204D1	
2⅜	UCF212-206D1											UC212-206D1	
2 1/16	UCF212-207D1											UC212-207D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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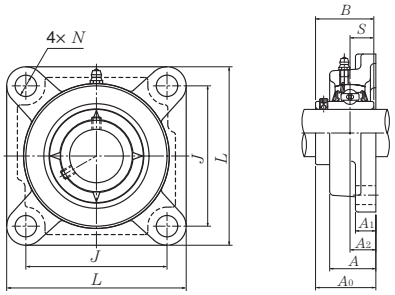
Units	Shaft Dia.
Metric	65 - 90 mm
Standard	2½ - 3½ in



FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW (continued)

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		L	J	A_2	A_1	A	N	A_0	B	S			
65	**UCF213D1**	187	149	30	22	50	19	69.7	65.1	25.4	M16	**UC213D1**	F213D1
2½	**UCF213-208D1**	7⅜	5 55/64	1 3/16	⅞	1 31/32	¾	2¾	2.563	1.000	⅝	**UC213-208D1**	
70	**UCF214D1**	193	152	31	22	54	19	75.4	74.6	30.2	M16	**UC214D1**	F214D1
2 11/16	**UCF214-211D1**	7 19/32	5 63/64	1 7/32	⅞	2⅛	¾	2 31/32	2.937	1.189	⅝	**UC214-211D1**	
2¾	**UCF214-212D1**											**UC214-212D1**	
75	**UCF215D1**	200	159	34	22	56	19	78.5	77.8	33.3	M16	**UC215D1**	F215D1
2 15/16	**UCF215-215D1**	7⅞	6 17/64	1 11/32	⅞	2 7/32	¾	3 3/32	3.063	1.311	⅝	**UC215-215D1**	
3	**UCF215-300D1**											**UC215-300D1**	
80	**UCF216D1**	208	165	34	22	58	23	83.3	82.6	33.3	M20	**UC216D1**	F216D1
3⅛	**UCF216-302D1**	8 3/16	6½	1 11/32	⅞	2 9/32	29/32	3 9/32	3.252	1.311	¾	**UC216-302D1**	
85	**UCF217D1**	220	175	36	24	63	23	87.6	85.7	34.1	M20	**UC217D1**	F217D1
3¼	**UCF217-304D1**	8 21/32	6 57/64	1 27/64	15/16	2 15/32	29/32	3 29/64	3.374	1.343	¾	**UC217-304D1**	
90	**UCF218D1**	235	187	40	24	68	23	96.3	96.0	39.7	M20	**UC218D1**	F218D1
3½	**UCF218-308D1**	9¼	7 23/64	1 37/64	15/16	2 11/16	29/32	3 51/64	3.780	1.563	¾	**UC218-308D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.



Units	Shaft Dia.
Metric	25 - 80 mm
Standard	⅞ - 3 3⁄16 in

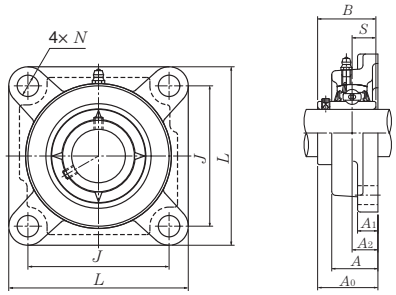
FLANGE – 4 BOLT, HEAVY DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		L	J	A_2	A_1	A	N	A_0	B	S			
25	**UCF305D1**	110	80	16	13	29	16	39	38	15	M14	**UC305D1**	
⅞	**UCF305-014D1**											**UC305-014D1**	F305D1
15⁄16	**UCF305-015D1**	4 11⁄32	3 5⁄32	5⁄8	½	1 5⁄32	5⁄8	1 17⁄32	1.496	.591	½	**UC305-015D1**	
1	**UCF305-100D1**											**UC305-100D1**	
30	**UCF306D1**	125	95	18	15	32	16	44	43	17	M14	**UC306D1**	
1⅛	**UCF306-102D1**	4 29⁄32	3 47⁄64	45⁄64	19⁄32	1¼	5⁄8	1 47⁄64	1.693	.669	½	**UC306-102D1**	F306D1
1 3⁄16	**UCF306-103D1**											**UC306-103D1**	
35	**UCF307D1**	135	100	20	16	36	19	49	48	19	M16	**UC307D1**	
1¼	**UCF307-104D1**											**UC307-104D1**	
1 5⁄16	**UCF307-105D1**	5 5⁄16	3 15⁄16	25⁄32	5⁄8	1 13⁄32	¾	1 59⁄64	1.890	.748	5⁄8	**UC307-105D1**	F307D1
1⅜	**UCF307-106D1**											**UC307-106D1**	
1 7⁄16	**UCF307-107D1**											**UC307-107D1**	
40	**UCF308D1**	150	112	23	17	40	19	56	52	19	M16	**UC308D1**	F308D1
1½	**UCF308-108D1**	5 29⁄32	4 13⁄32	29⁄32	21⁄32	1 9⁄16	¾	2 13⁄64	2.047	.748	5⁄8	**UC308-108D1**	
45	**UCF309D1**	160	125	25	18	44	19	60	57	22	M16	**UC309D1**	
1⅝	**UCF309-110D1**											**UC309-110D1**	
1 11⁄16	**UCF309-111D1**	6 5⁄16	4 59⁄64	63⁄64	23⁄32	1 23⁄32	¾	2 23⁄64	2.244	.866	5⁄8	**UC309-111D1**	F309D1
1¾	**UCF309-112D1**											**UC309-112D1**	
50	**UCF310D1**	175	132	28	19	48	23	67	61	22	M20	**UC310D1**	
1⅞	**UCF310-114D1**	6⅞	5 13⁄64	1 7⁄64	¾	1⅞	29⁄32	2 41⁄64	2.402	.866	¾	**UC310-114D1**	F310D1
1 15⁄16	**UCF310-115D1**											**UC310-115D1**	
55	**UCF311D1**	185	140	30	20	52	23	71	66	25	M20	**UC311D1**	
2	**UCF311-200D1**											**UC311-200D1**	
2⅛	**UCF311-202D1**	7 9⁄32	5 33⁄64	1 3⁄16	25⁄32	2 1⁄16	29⁄32	2 51⁄64	2.598	.984	¾	**UC311-202D1**	F311D1
2 3⁄16	**UCF311-203D1**											**UC311-203D1**	
60	**UCF312D1**	195	150	33	22	56	23	78	71	26	M20	**UC312D1**	
2¼	**UCF312-204D1**											**UC312-204D1**	
2⅜	**UCF312-206D1**	7 11⁄16	5 29⁄32	1 19⁄64	⅞	2 7⁄32	29⁄32	3 5⁄64	2.795	1.024	¾	**UC312-206D1**	F312D1
2 7⁄16	**UCF312-207D1**											**UC312-207D1**	
65	**UCF313D1**	208	166	33	22	58	23	78	75	30	M20	**UC313D1**	F313D1
2½	**UCF313-208D1**	8 3⁄16	6 17⁄32	1 19⁄64	⅞	2 9⁄32	29⁄32	3 5⁄64	2.953	1.181	¾	**UC313-208D1**	
70	**UCF314D1**	226	178	36	25	61	25	81	78	33	M22	**UC314D1**	
2 11⁄16	**UCF314-211D1**	8 29⁄32	7	1 27⁄64	31⁄32	2 13⁄32	63⁄64	3 3⁄16	3.071	1.299	⅞	**UC314-211D1**	F314D1
2¾	**UCF314-212D1**											**UC314-212D1**	
75	**UCF315D1**	236	184	39	25	66	25	89	82	32	M22	**UC315D1**	
2 15⁄16	**UCF315-215D1**	9 9⁄32	7¼	1 17⁄32	31⁄32	2 19⁄32	63⁄64	3½	3.228	1.260	⅞	**UC315-215D1**	F315D1
3	**UCF315-300D1**											**UC315-300D1**	
80	**UCF316D1**	250	196	38	27	68	31	90	86	34	M27	**UC316D1**	
3⅛	**UCF316-302D1**	9 27⁄32	7 23⁄32	1½	1 1⁄16	2 11⁄16	1 7⁄32	3 35⁄64	3.386	1.339	1	**UC316-302D1**	F316D1
3 3⁄16	**UCF316-303D1**											**UC316-303D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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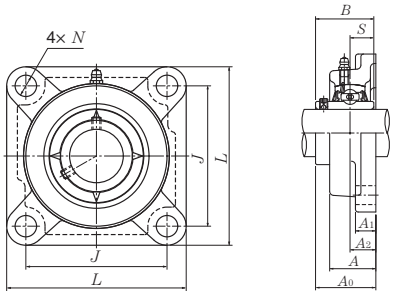
Units	Shaft Dia.
Metric	85 - 140 mm
Standard	3¼ - 4 in



FLANGE – 4 BOLT, HEAVY DUTY, SET SCREW (continued)

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		L	J	A_2	A_1	A	N	A_0	B	S			
85	**UCF317D1**	260	204	44	27	74	31	100	96	40	M27	**UC317D1**	F317D1
3¼	**UCF317-304D1**	10¼	8 1/32	1 47/64	1 1/16	2 29/32	1 7/32	3 15/16	3.780	1.575	1	**UC317-304D1**	
90	**UCF318D1**	280	216	44	30	76	35	100	96	40	M30	**UC318D1**	
3 7/16	**UCF318-307D1**	11 1/32	8½	1 47/64	1 3/16	3	1 3/8	3 15/16	3.780	1.575	1 1/8	**UC318-307D1**	F318D1
3½	**UCF318-308D1**											**UC318-308D1**	
95	**UCF319D1**	290	228	59	30	94	35	121	103	41	M30	**UC319D1**	F319D1
3¾	**UCF319-312D1**	11 13/32	8 31/32	2 21/64	1 3/16	3 11/16	1 3/8	4 49/64	4.055	1.614	1 1/8	**UC319-312D1**	
100	**UCF320D1**	310	242	59	32	94	38	125	108	42	M33	**UC320D1**	
3 15/16	**UCF320-315D1**	12 7/32	9 17/32	2 21/64	1¼	3 11/16	1½	4 59/64	4.252	1.654	1¼	**UC320-315D1**	F320D1
4	**UCF320-400D1**											**UC320-400D1**	
105	**UCF321D1**	310	242	59	32	94	38	127	112	44	M33	**UC321D1**	F321D1
110	**UCF322D1**	340	266	60	35	96	41	131	117	46	M36	**UC322D1**	F322D1
120	**UCF324D1**	370	290	65	40	110	41	140	126	51	M36	**UC324D1**	F324D1
130	**UCF326D1**	410	320	65	45	115	41	146	135	54	M36	**UC326D1**	F326D1
140	**UCF328D1**	450	350	75	55	125	41	161	145	59	M36	**UC328D1**	F328D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.



Units	Shaft Dia.
Metric	25 - 70 mm
Standard	1 3/16 - 2 3/4 in

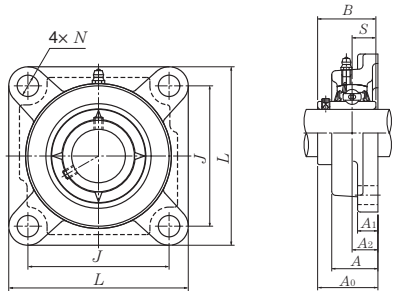
FLANGE – 4 BOLT, INTERMEDIATE DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		L	J	A_2	A_1	A	N	A_0	B	S			
25	**UCFX05D1**	108	83	18	13	30	12	40.2	38.1	15.9	M10	**UCX05D1**	
13/16	**UCFX05-013D1**											**UCX05-013D1**	
7/8	**UCFX05-014D1**	4 1/4	3 17/64	45/64	1/2	1 3/16	15/32	1 37/64	1.500	.626	3/8	**UCX05-014D1**	FX05D1
15/16	**UCFX05-015D1**											**UCX05-015D1**	
1	**UCFX05-100D1**											**UCX05-100D1**	
30	**UCFX06D1**	117	92	19	14	34	16	44.4	42.9	17.5	M14	**UCX06D1**	
1 1/16	**UCFX06-101D1**											**UCX06-101D1**	
1 1/8	**UCFX06-102D1**	4 19/32	3 5/8	3/4	9/16	1 11/32	5/8	1 3/4	1.689	.689	1/2	**UCX06-102D1**	FX06D1
1 3/16	**UCFX06-103D1**											**UCX06-103D1**	
1 1/4	**UCFX06-104D1**											**UCX06-104D1**	
35	**UCFX07D1**	130	102	21	14	38	16	51.2	49.2	19.0	M14	**UCX07D1**	
1 5/16	**UCFX07-105D1**											**UCX07-105D1**	
1 3/8	**UCFX07-106D1**	5 1/8	4 1/64	53/64	9/16	1 1/2	5/8	2 1/64	1.937	.748	1/2	**UCX07-106D1**	FX07D1
1 7/16	**UCFX07-107D1**											**UCX07-107D1**	
40	**UCFX08D1**	137	105	22	14	40	19	52.2	49.2	19.0	M16	**UCX08D1**	
1 1/2	**UCFX08-108D1**	5 13/32	4 9/64	55/64	9/16	1 9/16	3/4	2 1/16	1.937	.748	5/8	**UCX08-108D1**	FX08D1
1 9/16	**UCFX08-109D1**											**UCX08-109D1**	
45	**UCFX09D1**	143	111	23	14	40	19	55.6	51.6	19.0	M16	**UCX09D1**	
1 5/8	**UCFX09-110D1**											**UCX09-110D1**	
1 11/16	**UCFX09-111D1**	5 5/8	4 3/8	29/32	9/16	1 9/16	3/4	2 3/16	2.031	.748	5/8	**UCX09-111D1**	FX09D1
1 3/4	**UCFX09-112D1**											**UCX09-112D1**	
1 13/16	**UCFX09-113D1**											**UCX09-113D1**	
50	**UCFX10D1**	162	130	26	20	44	19	59.4	55.6	22.2	M16	**UCX10D1**	
1 7/8	**UCFX10-114D1**											**UCX10-114D1**	
1 15/16	**UCFX10-115D1**	6 3/8	5 1/8	1 1/32	25/32	1 23/32	3/4	2 11/32	2.189	.874	5/8	**UCX10-115D1**	FX10D1
2	**UCFX10-200D1**											**UCX10-200D1**	
55	**UCFX11D1**	175	143	29	20	49	19	68.7	65.1	25.4	M16	**UCX11D1**	
2 1/16	**UCFX11-201D1**											**UCX11-201D1**	
2 1/8	**UCFX11-202D1**											**UCX11-202D1**	
2 3/16	**UCFX11-203D1**	6 7/8	5 5/8	1 9/64	25/32	1 15/16	3/4	2 45/64	2.563	1.000	5/8	**UCX11-203D1**	FX11D1
2 1/4	**UCFX11-204D1**											**UCX11-204D1**	
2 5/16	**UCFX11-205D1**											**UCX11-205D1**	
60	**UCFX12D1**	187	149	34	21	59	19	73.7	65.1	25.4	M16	**UCX12D1**	
2 3/8	**UCFX12-206D1**	7 3/8	5 55/64	1 11/32	13/16	2 5/16	3/4	2 29/32	2.563	1.000	5/8	**UCX12-206D1**	FX12D1
2 7/16	**UCFX12-207D1**											**UCX12-207D1**	
65	**UCFX13D1**	187	149	34	21	59	19	78.4	74.6	30.2	M16	**UCX13D1**	
2 1/2	**UCFX13-208D1**	7 3/8	5 55/64	1 11/32	13/16	2 5/16	3/4	3 3/32	2.937	1.189	5/8	**UCX13-208D1**	FX13D1
2 9/16	**UCFX13-209D1**											**UCX13-209D1**	
70	**UCFX14D1**	197	152	37	24	60	23	81.5	77.8	33.3	M20	**UCX14D1**	
2 5/8	**UCFX14-210D1**											**UCX14-210D1**	
2 11/16	**UCFX14-211D1**	7 3/4	5 63/64	1 29/64	15/16	2 3/8	29/32	3 13/64	3.063	1.311	3/4	**UCX14-211D1**	FX14D1
2 3/4	**UCFX14-212D1**											**UCX14-212D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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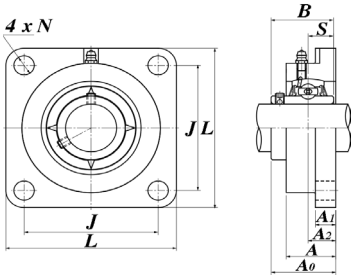
Units	Shaft Dia.
Metric	75 - 95 mm
Standard	2 13/16 - 4 in



FLANGE – 4 BOLT, INTERMEDIATE DUTY, SET SCREW (continued)

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		L	J	A_2	A_1	A	N	A_0	B	S			
75	**UCFX15D1**	197	152	40	24	68	23	89.3	82.6	33.3	M20	**UCX15D1**	
2 13/16	**UCFX15-213D1**											**UCX15-213D1**	
2 7/8	**UCFX15-214D1**	7 3/4	5 63/64	1 37/64	15/16	2 11/16	29/32	3 33/64	3.252	1.311	3/4	**UCX15-214D1**	FX15D1
2 15/16	**UCFX15-215D1**											**UCX15-215D1**	
3	**UCFX15-300D1**											**UCX15-300D1**	
80	**UCFX16D1**	214	171	40	24	70	23	91.6	85.7	34.1	M20	**UCX16D1**	
3 1/8	**UCFX16-302D1**	8 7/16	6 47/64	1 37/64	15/16	2 3/4	29/32	3 39/64	3.374	1.343	3/4	**UCX16-302D1**	FX16D1
3 3/16	**UCFX16-303D1**											**UCX16-303D1**	
3 1/4	**UCFX16-304D1**											**UCX16-304D1**	
85	**UCFX17D1**	214	171	40	24	70	23	96.3	96.0	39.7	M20	**UCX17D1**	
3 5/16	**UCFX17-305D1**	8 7/16	6 47/64	1 37/64	15/16	2 3/4	29/32	3 51/64	3.780	1.563	3/4	**UCX17-305D1**	FX17D1
3 7/16	**UCFX17-307D1**											**UCX17-307D1**	
90	**UCFX18D1**	214	171	45	24	76	23	106.3	104.0	42.9	M20	**UCX18D1**	FX18D1
3 1/2	**UCFX18-308D1**	8 7/16	6 47/64	1 49/64	15/16	3	29/32	4 11/64	4.094	1.689	3/4	**UCX18-308D1**	
95	**UCFX20D1**	268	211	59	31	97	31	127.3	117.5	49.2	M27	**UCX20D1**	
3 7/8	**UCFX20-314D1**	10 9/16	8 5/16	2 21/64	1 7/32	3 13/16	1 7/32	5 1/64	4.626	1.937	1	**UCX20-314D1**	FX20D1
3 15/16	**UCFX20-315D1**											**UCX20-315D1**	
4	**UCFX20-400D1**											**UCX20-400D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

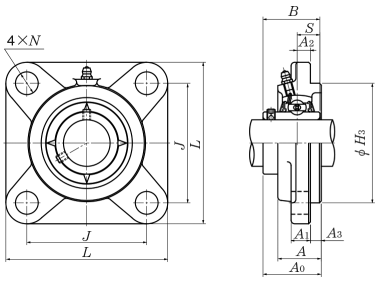


Units	Shaft Dia.
Metric	12 - 90 mm

FLANGE – 4 BOLT, SET SCREW, STEEL SERIES

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		L	J	A_2	A_1	A	N	A_0	B	S			
12	**UCFG201D1**	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	**UC201D1**	FG204D1
15	**UCFG202D1**	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	**UC202D1**	FG204D1
17	**UCFG203D1**	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	**UC203D1**	FG204D1
20	**UCFG204D1**	86	64	15	11	25.5	12	33.3	31.0	12.7	M10	**UC204D1**	FG204D1
25	**UCFG205D1**	95	70	16	13	27	12	35.7	34.0	14.3	M10	**UC205D1**	FG205D1
30	**UCFG206D1**	108	83	18	13	31	12	40.2	38.1	15.9	M10	**UC206D1**	FG206D1
35	**UCFG207D1**	117	92	19	15	34	14	44.4	42.9	17.5	M12	**UC207D1**	FG207D1
40	**UCFG208D1**	130	102	21	15	36	16	51.2	49.2	19.0	M14	**UC208D1**	FG208D1
45	**UCFG209D1**	137	105	22	16	38	16	52.2	49.2	19.0	M14	**UC209D1**	FG209D1
50	**UCFG210D1**	143	111	22	16	40	16	54.6	51.6	19.0	M14	**UC210D1**	FG210D1
55	**UCFG211D1**	162	130	25	18	43	19	58.4	55.6	22.2	M16	**UC211D1**	FG211D1
60	**UCFG212D1**	175	143	29	18	48	19	68.7	65.1	25.4	M16	**UC212D1**	FG212D1
65	**UCFG213D1**	187	149	30	22	50	19	69.7	65.1	25.4	M16	**UC213D1**	FG213D1
70	**UCFG214D1**	193	152	31	22	54	19	75.4	74.6	30.2	M16	**UC214D1**	FG214D1
75	**UCFG215D1**	200	159	34	22	56	19	78.5	77.8	33.3	M16	**UC215D1**	FG215D1
80	**UCFG216D1**	208	165	34	22	58	23	83.3	82.6	33.3	M20	**UC216D1**	FG216D1
85	**UCFG217D1**	220	175	36	24	63	23	87.6	85.7	34.1	M20	**UC217D1**	FG217D1
90	**UCFG218D1**	235	187	40	24	68	23	96.3	96.0	39.7	M20	**UC218D1**	FG218D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.



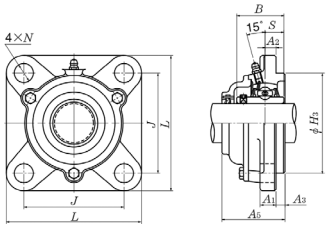
Units	Shaft Dia.
Metric	25 - 65 mm
Standard	13/16 - 2 9/16 in

FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW, SPIGOT JOINT

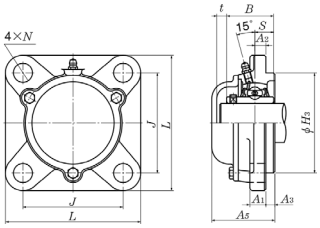
Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size
		L	J	A_2	N	A_3	A_1	A	H_3	A_0	B	B	
25	**UCFS305D1**	110	80	9	16	7	13	29	80	39	38	15	M14
13/16	**UCFS305-013D1**												
7/8	**UCFS305-014D1**	4 11/32	3 5/32	23/64	5/8	9/32	1/2	1 9/64	3.150	1 17/32	1.496	0.591	1/2
15/16	**UCFS305-015D1**												
1	**UCFS305-100D1**												
30	**UCFS306D1**	125	95	10	16	8	15	32	90	44	43	17	M14
1 1/16	**UCFS306-101D1**												
1 1/8	**UCFS306-102D1**	4 29/32	3 47/64	25/64	5/8	5/16	19/32	1 17/64	3.543	1 47/64	1.693	0.669	1/2
1 3/16	**UCFS306-103D1**												
35	**UCFS307D1**	135	100	11	19	9	16	36	100	49	48	19	M16
1 1/4	**UCFS307-104D1**												
1 5/16	**UCFS307-105D1**	5 5/16	3 15/16	7/16	3/4	23/64	5/8	1 13/32	3.937	1 59/64	1.890	0.748	5/8
1 3/8	**UCFS307-106D1**												
1 7/16	**UCFS307-107D1**												
40	**UCFS308D1**	150	112	13	19	10	17	40	115	56	52	19	M16
1 1/2	**UCFS308-108D1**	5 29/32	4 13/32	33/64	3/4	25/64	21/32	1 9/16	4.528	2 13/64	2.047	0.748	5/8
1 11/16	**UCFS308-109D1**												
45	**UCFS309D1**	160	125	14	19	11	18	44	125	60	57	22	M16
1 5/8	**UCFS309-110D1**												
1 11/16	**UCFS309-111D1**	6 9/16	4 59/64	35/64	3/4	7/16	23/32	1 47/64	4.921	2 23/64	2.244	0.866	5/8
1 3/4	**UCFS309-112D1**												
50	**UCFS310D1**	175	132	16	23	12	19	48	140	67	61	22	M20
1 13/16	**UCFS310-113D1**												
1 7/8	**UCFS310-114D1**	6 7/8	5 13/64	5/8	29/32	15/32	3/4	1 57/64	5.512	2 41/64	2.402	0.866	3/4
1 15/16	**UCFS310-115D1**												
55	**UCFS311D1**	185	140	17	23	13	20	52	150	71	66	25	M20
2	**UCFS311-200D1**												
2 1/16	**UCFS311-201D1**	7 9/32	5 33/64	43/64	29/32	33/64	25/32	2 3/64	5.906	2 51/64	2.598	0.984	3/4
2 1/8	**UCFS311-202D1**												
2 3/16	**UCFS311-203D1**												
60	**UCFS312D1**	195	150	19	23	14	22	56	160	78	71	26	M20
2 1/4	**UCFS312-204D1**												
2 5/16	**UCFS312-205D1**	7 11/16	5 29/32	3/4	29/32	35/64	7/8	2 13/64	6.299	3 5/64	2.795	1.024	3/4
2 3/8	**UCFS312-206D1**												
2 7/16	**UCFS312-207D1**												
65	**UCFS313D1**	208	166	15	23	18	22	58	175	78	75	30	M20
2 1/2	**UCFS313-208D1**	8 3/16	6 17/32	19/32	29/32	45/64	7/8	2 9/32	6.890	3 5/64	2.953	1.181	3/4
2 9/16	**UCFS313-209D1**												

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Continued next page …



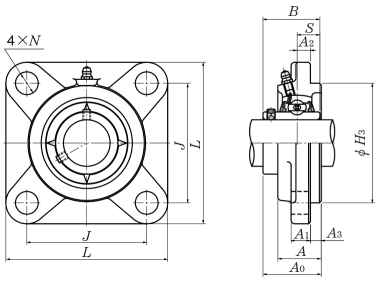
Cast Steel Dust Cover – Open
C-UCFS...D1



Cast Steel Dust Cover – Closed
CM-UCFS...D1

FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW, SPIGOT JOINT (continued)

Part Number Cast Steel Dust Cover	Nominal Dimensions		Insert Number	Housing Number	Part Number
	t	A_5			
C(CM)-UCFS305D1	12	56	UC305D1		UCFS305D1
C(CM)-UCFS305-013D1			UC305-013D1		UCFS305-013D1
C(CM)-UCFS305-014D1	15/32	2 13/16	UC305-014D1	FS305D1	UCFS305-014D1
C(CM)-UCFS305-015D1			UC305-015D1		UCFS305-015D1
C(CM)-UCFS305-100D1			UC305-100D1		UCFS305-100D1
C(CM)-UCFS306D1	11	60	UC306D1		UCFS306D1
C(CM)-UCFS306-101D1			UC306-101D1	FS306D1	UCFS306-101D1
C(CM)-UCFS306-102D1	7/16	2 23/64	UC306-102D1		UCFS306-102D1
C(CM)-UCFS306-103D1			UC306-103D1		UCFS306-103D1
C(CM)-UCFS307D1	13	67	UC307D1		UCFS307D1
C(CM)-UCFS307-104D1			UC307-104D1		UCFS307-104D1
C(CM)-UCFS307-105D1	33/64	2 41/64	UC307-105D1	FS307D1	UCFS307-105D1
C(CM)-UCFS307-106D1			UC307-106D1		UCFS307-106D1
C(CM)-UCFS307-107D1			UC307-107D1		UCFS307-107D1
C(CM)-UCFS308D1	14	76	UC308D1		UCFS308D1
C(CM)-UCFS308-108D1	35/64	2 63/64	UC308-108D1	FS308D1	UCFS308-108D1
C(CM)-UCFS308-109D1			UC308-109D1		UCFS308-109D1
C(CM)-UCFS309D1	14	80	UC309D1		UCFS309D1
C(CM)-UCFS309-110D1			UC309-110D1	FS309D1	UCFS309-110D1
C(CM)-UCFS309-111D1	35/64	3 5/32	UC309-111D1		UCFS309-111D1
C(CM)-UCFS309-112D1			UC309-112D1		UCFS309-112D1
C(CM)-UCFS310D1	15	88	UC310D1		UCFS310D1
C(CM)-UCFS310-113D1			UC310-113D1	FS310D1	UCFS310-113D1
C(CM)-UCFS310-114D1	19/32	3 15/32	UC310-114D1		UCFS310-114D1
C(CM)-UCFS310-115D1			UC310-115D1		UCFS310-115D1
C(CM)-UCFS311D1	16	93	UC311D1		UCFS311D1
C(CM)-UCFS311-200D1			UC311-200D1		UCFS311-200D1
C(CM)-UCFS311-201D1	5/8	3 21/32	UC311-201D1	FS311D1	UCFS311-201D1
C(CM)-UCFS311-202D1			UC311-202D1		UCFS311-202D1
C(CM)-UCFS311-203D1			UC311-203D1		UCFS311-203D1
C(CM)-UCFS312D1	16	100	UC312D1		UCFS312D1
C(CM)-UCFS312-204D1			UC312-204D1		UCFS312-204D1
C(CM)-UCFS312-205D1	5/8	3 15/16	UC312-205D1	FS312D1	UCFS312-205D1
C(CM)-UCFS312-206D1			UC312-206D1		UCFS312-206D1
C(CM)-UCFS312-207D1			UC312-207D1		UCFS312-207D1
C(CM)-UCFS313D1	19	103	UC313D1		UCFS313D1
C(CM)-UCFS313-208D1	3/4	4 1/16	UC313-208D1	FS313D1	UCFS313-208D1
C(CM)-UCFS313-209D1			UC313-209D1		UCFS313-209D1



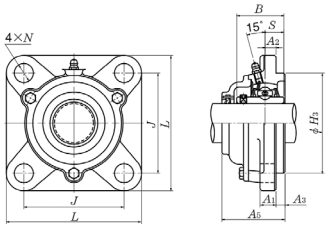
Units	Shaft Dia.
Metric	70 - 140 mm
Standard	2⅝ - 4 in

FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW, SPIGOT JOINT

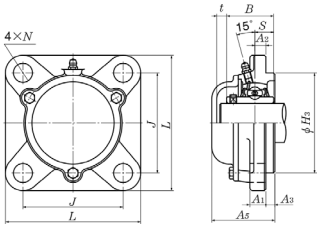
Shaft Dia.	Part Number	Nominal Dimensions											Bolt Size
		L	J	A_2	N	A_3	A_1	A	H_3	A_0	B	S	
70	**UCFS314D1**	226	178	18	25	18	25	61	185	81	78	33	M22
2⅝	**UCFS314-210D1**												
2 11/16	**UCFS314-211D1**	8 29/32	7 1/64	45/64	63/64	45/64	31/32	2 13/32	7.284	3 3/16	3.071	1.299	⅞
2¾	**UCFS314-212D1**												
75	**UCFS315D1**	236	184	21	25	18	25	66	200	89	82	32	M22
2 13/16	**UCFS315-213D1**												
2⅞	**UCFS315-214D1**	9 9/32	7¼	53/64	63/64	45/64	31/32	2 19/32	7.874	3½	3.228	1.260	⅞
2 15/16	**UCFS315-215D1**												
3	**UCFS315-300D1**												
80	**UCFS316D1**	250	196	18	31	20	27	68	210	90	86	34	M27
3 1/16	**UCFS316-301D1**												
3⅛	**UCFS316-302D1**	9 27/32	7 23/32	45/64	1 1/32	25/32	1 1/16	2 43/64	8.268	3 35/64	3.386	1.339	1
3 3/16	**UCFS316-303D1**												
85	**UCFS317D1**	260	204	24	31	20	27	74	220	100	96	40	M27
3¼	**UCFS317-304D1**												
3 5/16	**UCFS317-305D1**	10¼	8 1/32	15/16	1 1/32	25/32	1 1/16	2 29/32	8.661	3 15/16	3.780	1.575	1
3 7/16	**UCFS317-307D1**												
90	**UCFS318D1**	280	216	24	35	20	30	76	240	100	96	40	M30
3 7/16	**UCFS318-307D1**	11 1/32	8½	15/16	1⅜	25/32	1 3/16	2 63/64	9.449	3 15/16	3.780	1.575	1⅛
3½	**UCFS318-308D1**												
95	**UCFS319D1**	290	228	39	35	20	30	94	250	121	103	41	M30
3⅝	**UCFS319-310D1**												
3 11/16	**UCFS319-311D1**	11 13/32	8 31/32	1 17/32	1⅜	25/32	1 3/16	3 45/64	9.843	4 29/64	4.055	1.614	1⅛
3¾	**UCFS319-312D1**												
100	**UCFS320D1**	310	242	39	38	20	32	94	260	125	108	42	M33
3 13/16	**UCFS320-313D1**												
3⅞	**UCFS320-314D1**	12 7/32	9 17/32	1 17/32	1½	25/32	1¼	3 45/64	10.236	4 59/64	4.252	1.654	1¼
3 15/16	**UCFS320-315D1**												
4	**UCFS320-400D1**												
105	**UCFS321D1**	310	242	39	38	20	32	94	260	127	112	44	M33
110	**UCFS322D1**	340	266	35	41	25	35	96	300	131	117	46	M36
120	**UCFS324D1**	370	290	35	41	30	40	110	330	140	126	51	M36
130	**UCFS326D1**	410	320	35	41	30	45	115	360	146	135	54	M36
140	**UCFS328D1**	450	350	45	41	30	55	125	400	161	145	59	M36

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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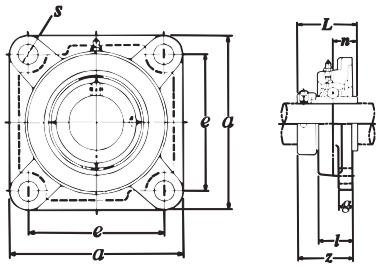
Cast Steel Dust Cover – Open
C-UCFS...D1



Cast Steel Dust Cover – Closed
CM-UCFS...D1

FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW, SPIGOT JOINT (continued)

Part Number Cast Steel Dust Cover	Nominal Dimensions		Insert Number	Housing Number [1]	Part Number
	t	A_5			
C(CM)-UCFS314D1	19	106	UC314D1	FS314D1	UCFS314D1
C(CM)-UCFS314-210D1	¾	4 11/64	UC314-210D1		UCFS314-210D1
C(CM)-UCFS314-211D1			UC314-211D1		UCFS314-211D1
C(CM)-UCFS314-212D1			UC314-212D1		UCFS314-212D1
C(CM)-UCFS315D1	19	114	UC315D1	FS315D1	UCFS315D1
C(CM)-UCFS315-213D1	¾	4 31/64	UC315-213D1		UCFS315-213D1
C(CM)-UCFS315-214D1			UC315-214D1		UCFS315-214D1
C(CM)-UCFS315-215D1			UC315-215D1		UCFS315-215D1
C(CM)-UCFS315-300D1			UC315-300D1		UCFS315-300D1
C(CM)-UCFS316D1	19	116	UC316D1	FS316D1	UCFS316D1
C(CM)-UCFS316-301D1	¾	4 9/16	UC316-301D1		UCFS316-301D1
C(CM)-UCFS316-302D1			UC316-302D1		UCFS316-302D1
C(CM)-UCFS316-303D1			UC316-303D1		UCFS316-303D1
C(CM)-UCFS317D1	21	129	UC317D1	FS317D1	UCFS317D1
C(CM)-UCFS317-304D1	13/16	5 5/64	UC317-304D1		UCFS317-304D1
C(CM)-UCFS317-305D1			UC317-305D1		UCFS317-305D1
C(CM)-UCFS317-307D1			UC317-307D1		UCFS317-307D1
C(CM)-UCFS318D1	21	129	UC318D1	FS318D1	UCFS318D1
C(CM)-UCFS318-307D1	13/16	5 5/64	UC318-307D1		UCFS318-307D1
C(CM)-UCFS318-308D1			UC318-308D1		UCFS318-308D1
C(CM)-UCFS319D1	20	149	UC319D1	FS319D1	UCFS319D1
C(CM)-UCFS319-310D1	25/32	55/64	UC319-310D1		UCFS319-310D1
C(CM)-UCFS319-311D1			UC319-311D1		UCFS319-311D1
C(CM)-UCFS319-312D1			UC319-312D1		UCFS319-312D1
C(CM)-UCFS320D1	20	154	UC320D1	FS320D1	UCFS320D1
C(CM)-UCFS320-313D1	25/32	6 1/16	UC320-313D1		UCFS320-313D1
C(CM)-UCFS320-314D1			UC320-314D1		UCFS320-314D1
C(CM)-UCFS320-315D1			UC320-315D1		UCFS320-315D1
C(CM)-UCFS320-400D1			UC320-400D1		UCFS320-400D1
C(CM)-UCFS321D1	20	156	UC321D1	FS321D1	UCFS321D1
C(CM)-UCFS322D1	20	160	UC322D1	FS322D1	UCFS322D1
C(CM)-UCFS324D1	22	172	UC324D1	FS324D1	UCFS324D1
C(CM)-UCFS326D1	22	178	UC326D1	FS326D1	UCFS326D1
C(CM)-UCFS328D1	21	192	UC328D1	FS328D1	UCFS328D1



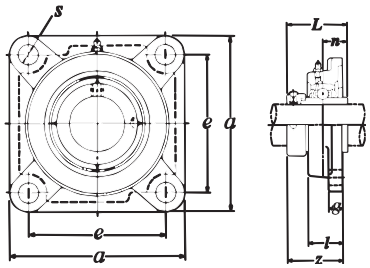
Units	Shaft Dia.
Metric	20 - 75 mm
Standard	¾ - 3 in

FLANGE – 4 BOLT, STANDARD DUTY, ECCENTRIC LOCK, COLLAR TYPE

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	L	Di	n			
20	**UELF204D1W3**	86	64	11	25.5	12	41.6	43.7	33	17.1	M10	**UEL204D1W3**	F204D1
¾	**UELF204-012D1W3**	3⅜	2 33/64	7/16	1	15/32	1 41/64	1.720	1.299	.673	5/16	**UEL204-012D1W3**	
25	**UELF205D1W3**	95	70	13	27	12	42.9	44.4	38	17.5	M10	**UEL205D1W3**	
13/16	**UELF205-013D1W3**											**UEL205-013D1W3**	
⅞	**UELF205-014D1W3**											**UEL205-014D1W3**	
15/16	**UELF205-015D1W3**	3¾	2¾	½	1 1/16	15/32	1 11/16	1.748	1.496	.689	⅜	**UEL205-015D1W3**	F205D1
1	**UELF205-100D1W3**											**UEL205-100D1W3**	
30	**UELF206D1W3**	108	83	13	31	12	48.1	48.4	44.5	18.3	M10	**UEL206D1W3**	
1 1/16	**UELF206-101D1W3**											**UEL206-101D1W3**	
1⅛	**UELF206-102D1W3**											**UEL206-102D1W3**	
1 3/16	**UELF206-103D1W3**	4¼	3 17/64	½	1 7/32	15/32	1 57/64	1.906	1.752	.720	⅜	**UEL206-103D1W3**	F206D1
1¼	**UELF206-104D1W3**											**UEL206-104D1W3**	
35	**UELF207D1W3**	117	92	15	34	14	51.3	51.1	55.5	18.8	M12	**UEL207D1W3**	
1¼	**UELF207-104D1W3**											**UEL207-104D1W3**	
1 5/16	**UELF207-105D1W3**											**UEL207-105D1W3**	
1⅜	**UELF207-106D1W3**	4 19/32	3⅝	19/32	1 11/32	35/64	2 1/64	2.012	2.185	.740	7/16	**UEL207-106D1W3**	F207D1
1 7/16	**UELF207-107D1W3**											**UEL207-107D1W3**	
40	**UELF208D1W3**	130	102	15	36	16	55.9	56.3	60	21.4	M14	**UEL208D1W3**	
1½	**UELF208-108D1W3**											**UEL208-108D1W3**	
1 9/16	**UELF208-109D1W3**	5⅛	4 1/64	19/32	1 13/32	⅝	2 13/64	2.217	2.362	.843	½	**UEL208-109D1W3**	F208D1
45	**UELF209D1W3**	137	105	16	38	16	56.9	56.3	63.5	21.4	M14	**UEL209D1W3**	
1⅝	**UELF209-110D1W3**											**UEL209-110D1W3**	
1 11/16	**UELF209-111D1W3**	5 13/32	4 9/64	⅝	1½	⅝	2 15/64	2.217	2.500	.843	½	**UEL209-111D1W3**	F209D1
1¾	**UELF209-112D1W3**											**UEL209-112D1W3**	
50	**UELF210D1W3**	143	111	16	40	16	60.1	62.7	69.5	24.6	M14	**UEL210D1W3**	
1 13/16	**UELF210-113D1W3**											**UEL210-113D1W3**	
1⅞	**UELF210-114D1W3**											**UEL210-114D1W3**	
1 15/16	**UELF210-115D1W3**	5⅝	4⅜	⅝	1 9/16	⅝	2 23/64	2.469	2.736	.969	½	**UEL210-115D1W3**	F210D1
2	**UELF210-200D1W3**											**UEL210-200D1W3**	
55	**UELF211D1W3**	162	130	18	43	19	68.6	71.4	76	27.8	M16	**UEL211D1W3**	
2	**UELF211-200D1W3**											**UEL211-200D1W3**	
2 1/16	**UELF211-201D1W3**											**UEL211-201D1W3**	
2⅛	**UELF211-202D1W3**	6⅜	5⅛	23/32	1 11/16	¾	2 45/64	2.811	2.992	1.094	9/16	**UEL211-202D1W3**	F211D1
2 3/16	**UELF211-203D1W3**											**UEL211-203D1W3**	
60	**UELF212D1W3**	175	143	18	48	19	75.8	77.8	84	31.0	M16	**UEL212D1W3**	
2¼	**UELF212-204D1W3**											**UEL212-204D1W3**	
2⅜	**UELF212-206D1W3**	6⅞	5⅝	23/32	1⅞	¾	2 63/64	3.063	3.307	1.220	9/16	**UEL212-206D1W3**	F212D1
2 7/16	**UELF212-207D1W3**											**UEL212-207D1W3**	
65	**UELF213D1W3**	187	149	22	50	19	81.5	85.7	97	34.1	M16	**UEL213D1W3**	F213D1
2½	**UELF213-208D1W3**	7⅜	5 55/64	⅞	1 31/32	¾	3 13/64	3.374	3.819	1.344	9/16	**UEL213-208D1W3**	
70	**UELF214D1W3**	193	152	22	54	19	82.5	85.7	97	34.1	M16	**UEL214D1W3**	
2 11/16	**UELF214-211D1W3**	7 19/32	5 63/64	⅞	2⅛	¾	3¼	3.374	3.819	1.344	9/16	**UEL214-211D1W3**	F214D1
2¾	**UELF214-212D1W3**											**UEL214-212D1W3**	
75	**UELF215D1W3**	200	159	22	56	19	88.7	92.0	102	37.3	M16	**UEL215D1W3**	
2 15/16	**UELF215-215D1W3**	7⅞	6 17/64	⅞	2 7/32	¾	3 31/64	3.622	4.016	1.469	9/16	**UEL215-215D1W3**	F215D1
3	**UELF215-300D1W3**											**UEL215-300D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.

Units	Shaft Dia.
Metric	25 - 75 mm
Standard	⅞ - 3 in

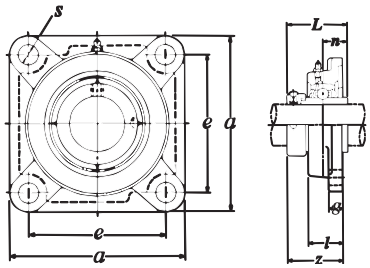


FLANGE – 4 BOLT, HEAVY DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	L	Di	n			
25	UELF305D1W3	110	80	13	29	16	46.1	46.8	42.8	16.7	M14	UEL305D1W3	
⅞	UELF305-014D1W3											UEL305-014D1W3	
15⁄16	UELF305-015D1W3	4 11⁄32	3 5⁄32	½	1 5⁄32	⅝	1 13⁄16	1.843	1.685	.657	½	UEL305-015D1W3	F305D1
1	UELF305-100D1W3											UEL305-100D1W3	
30	UELF306D1W3	125	95	15	32	16	50.5	50.0	50.0	17.5	M14	UEL306D1W3	
1⅛	UELF306-102D1W3	4 29⁄32	3 47⁄64	19⁄32	1¼	⅝	1 63⁄64	1.969	1.969	.689	½	UEL306-102D1W3	F306D1
1 3⁄16	UELF306-103D1W3											UEL306-103D1W3	
35	UELF307D1W3	135	100	16	36	19	53.3	51.6	55.0	18.3	M16	UEL307D1W3	
1¼	UELF307-104D1W3											UEL307-104D1W3	
1 5⁄16	UELF307-105D1W3	5 5⁄16	3 15⁄16	⅝	1 13⁄32	¾	2 3⁄32	2.031	2.165	.720	⅝	UEL307-105D1W3	F307D1
1⅜	UELF307-106D1W3											UEL307-106D1W3	
1 7⁄16	UELF307-107D1W3											UEL307-107D1W3	
40	UELF308D1W3	150	112	17	40	19	60.3	57.1	63.5	19.8	M16	UEL308D1W3	F308D1
1½	UELF308-108D1W3	5 29⁄32	4 13⁄32	21⁄32	1 9⁄16	¾	2⅜	2.248	2.500	.780	⅝	UEL308-108D1W3	
45	UELF309D1W3	160	125	18	44	19	63.9	58.7	70.0	19.8	M16	UEL309D1W3	
1⅝	UELF309-110D1W3											UEL309-110D1W3	
1 11⁄16	UELF309-111D1W3	6 5⁄16	4 59⁄64	23⁄32	1 23⁄32	¾	2 33⁄64	2.311	2.756	.780	⅝	UEL309-111D1W3	F309D1
1¾	UELF309-112D1W3											UEL309-112D1W3	
50	UELF310D1W3	175	132	19	48	23	70.0	66.6	76.2	24.6	M20	UEL310D1W3	
1⅞	UELF310-114D1W3	6⅞	5 13⁄64	¾	1⅞	29⁄32	2¾	2.622	3.000	.969	¾	UEL310-114D1W3	F310D1
1 15⁄16	UELF310-115D1W3											UEL310-115D1W3	
55	UELF311D1W3	185	140	20	52	23	75.2	73.0	83.0	27.8	M20	UEL311D1W3	
2	UELF311-200D1W3											UEL311-200D1W3	
2⅛	UELF311-202D1W3	7 9⁄32	5 33⁄64	25⁄32	2 1⁄16	29⁄32	2 61⁄64	2.874	3.268	1.094	¾	UEL311-202D1W3	F311D1
2 3⁄16	UELF311-203D1W3											UEL311-203D1W3	
60	UELF312D1W3	195	150	22	56	23	81.4	79.4	89.0	30.9	M20	UEL312D1W3	
2¼	UELF312-204D1W3											UEL312-204D1W3	
2⅜	UELF312-206D1W3	7 11⁄16	5 29⁄32	⅞	2 7⁄32	29⁄32	3 13⁄64	3.126	3.504	1.219	¾	UEL312-206D1W3	F312D1
2 7⁄16	UELF312-207D1W3											UEL312-207D1W3	
65	UELF313D1W3	208	166	22	58	23	86.1	85.7	97.0	32.5	M20	UEL313D1W3	F313D1
2½	UELF313-208D1W3	8 3⁄16	6 17⁄32	⅞	2 9⁄32	29⁄32	3 25⁄64	3.374	3.819	1.281	¾	UEL313-208D1W3	
70	UELF314D1W3	226	178	25	61	25	93.9	92.1	102.0	34.1	M22	UEL314D1W3	
2 11⁄16	UELF314-211D1W3	8 29⁄32	7	31⁄32	2 13⁄32	63⁄64	3 45⁄64	3.626	4.016	1.344	⅞	UEL314-211D1W3	F314D1
2¾	UELF314-212D1W3											UEL314-212D1W3	
75	UELF315D1W3	236	184	25	66	25	101.7	100.0	113.0	37.3	M22	UEL315D1W3	
2 15⁄16	UELF315-215D1W3	9 9⁄32	7¼	31⁄32	2 19⁄32	63⁄64	4	3.937	4.449	1.469	⅞	UEL315-215D1W3	F315D1
3	UELF315-300D1W3											UEL315-300D1W3	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.

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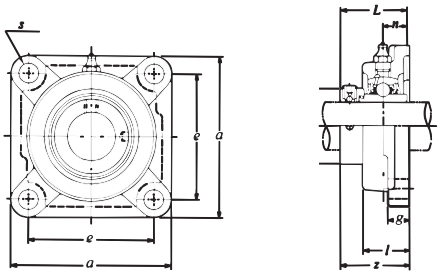
Units	Shaft Dia.
Metric	80 - 110 mm
Standard	3⅛ - 4 in

FLANGE – 4 BOLT, HEAVY DUTY, ECCENTRIC LOCK (continued)

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	L	Di	n			
80	**UELF316D1W3**	250	196	27	68	31	103.9	106.4	119	40.5	M27	**UEL316D1W3**	F316D1
3⅛	**UELF316-302D1W3**	9 27/32	7 23/32	1 1/16	2 11/16	1 7/32	4 3/32	4.189	4.685	1.594	1	**UEL316-302D1W3**	
3 3/16	**UELF316-303D1W3**											**UEL316-303D1W3**	
85	**UELF317D1W3**	260	204	27	74	31	111.4	109.5	127	42.0	M27	**UEL317D1W3**	F317D1
3¼	**UELF317-304D1W3**	10¼	8 1/32	1 1/16	2 29/32	1 7/32	4 25/64	4.311	5.000	1.656	1	**UEL317-304D1W3**	
90	**UELF318D1W3**	280	216	30	76	35	116.2	115.9	133	43.6	M30	**UEL318D1W3**	F318D1
3 7/16	**UELF318-307D1W3**	11 1/32	8½	1 3/16	3	1⅜	4 37/64	4.563	5.236	1.719	1⅛	**UEL318-307D1W3**	
3½	**UELF318-308D1W3**											**UEL318-308D1W3**	
95	**UELF319D1W3**	290	288	30	94	35	142.4	122.3	140	38.9	M30	**UEL319D1W3**	F319D1
3¾	**UELF319-312D1W3**	11 13/32	8 31/32	1 3/16	3 11/16	1⅜	5 39/64	4.815	5.512	1.531	1⅛	**UEL319-312D1W3**	
100	**UELF320D1W3**	310	242	32	94	38	137.6	128.6	146	50.0	M33	**UEL320D1W3**	F320D1
3 15/16	**UELF320-315D1W3**	12 7/32	9 17/32	1¼	3 11/16	1½	5 27/64	5.063	5.748	1.969	1¼	**UEL320-315D1W3**	
4	**UELF320-400D1W3**											**UEL320-400D1W3**	
105	**UELF321D1W3**	310	242	32	94	38	150.3	139.7	157	48.4	M33	**UEL321D1W3**	F321D1
110	**UELF322D1W3**	340	266	35	96	41	152.1	141.3	168	49.2	M36	**UEL322D1W3**	F322D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.

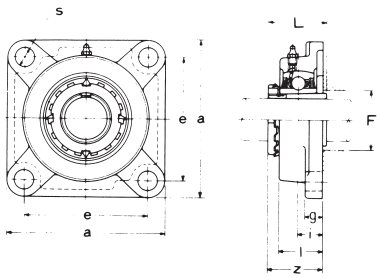
Units	Shaft Dia.
Metric	20 - 75 mm
Standard	¾ - 3 in



FLANGE – 4 BOLT, STANDARD DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	l	s	z	L	Di	n			
20	**UELFU204D1W3**	86	63.5	15	29.5	11.5	45.6	43.7	33.3	17.1	M10	**UEL204D1W3**	FU204D1
¾	**UELFU204-012D1W3**	3⅜	2½	19/32	1 5/32	25/64	1 51/64	1.720	1.310	.673	5/16	**UEL204-012D1W3**	
25	**UELFU205D1W3**	96	70	15	30	11.5	45.9	44.4	38.1	17.5	M10	**UEL205D1W3**	
13/16	**UELFU205-013D1W3**											**UEL205-013D1W3**	
⅞	**UELFU205-014D1W3**	3 25/32	2¾	19/32	1 3/16	29/64	1 13/16	1.748	1.500	.689	⅜	**UEL205-014D1W3**	FU205D1
15/16	**UELFU205-015D1W3**											**UEL205-015D1W3**	
1	**UELFU205-100D1W3**											**UEL205-100D1W3**	
30	**UELFU206D1W3**	109	82.5	16	33	11.5	50.1	48.4	44.5	18.3	M10	**UEL206D1W3**	
1 1/16	**UELFU206-101D1W3**											**UEL206-101D1W3**	
1⅛	**UELFU206-102D1W3**	4 9/32	3¼	⅝	1 5/16	29/64	1 31/32	1.906	1.750	.720	⅜	**UEL206-102D1W3**	FU206D1
1 3/16	**UELFU206-103D1W3**											**UEL206-103D1W3**	
1¼	**UELFU206-104D1W3**											**UEL206-104D1W3**	
35	**UELFU207D1W3**	118	92	17	36	14	53.3	51.1	55.6	18.8	M12	**UEL207D1W3**	
1¼	**UELFU207-104D1W3**											**UEL207-104D1W3**	
1 5/16	**UELFU207-105D1W3**	4 21/32	3⅝	21/32	1 13/32	35/64	2 3/32	2.012	2.190	.740	7/16	**UEL207-105D1W3**	FU207D1
1⅜	**UELFU207-106D1W3**											**UEL207-106D1W3**	
1 7/16	**UELFU207-107D1W3**											**UEL207-107D1W3**	
40	**UELFU208D1W3**	131	101.5	17	39	14	58.9	56.3	60.2	21.4	M12	**UEL208D1W3**	
1½	**UELFU208-108D1W3**	5 5/32	4	21/32	1 17/32	35/64	2 5/16	2.217	2.370	.843	7/16	**UEL208-108D1W3**	FU208D1
1 9/16	**UELFU208-109D1W3**											**UEL208-109D1W3**	
45	**UELFU209D1W3**	137	105	18	40	16	58.9	56.3	63.5	21.4	M14	**UEL209D1W3**	
1⅝	**UELFU209-110D1W3**											**UEL209-110D1W3**	
1 11/16	**UELFU209-111D1W3**	5 13/32	4 9/64	23/32	1 9/16	⅝	2 5/16	2.217	2.500	.843	½	**UEL209-111D1W3**	FU209D1
1¾	**UELFU209-112D1W3**											**UEL209-112D1W3**	
50	**UELFU210D1W3**	144	111	20	46	18	66.1	62.7	69.9	24.6	M16	**UEL210D1W3**	
1 13/16	**UELFU210-113D1W3**											**UEL210-113D1W3**	
1⅞	**UELFU210-114D1W3**	5 21/32	4⅜	25/32	1 13/16	45/64	2 39/64	2.469	2.750	.969	½	**UEL210-114D1W3**	FU210D1
1 15/16	**UELFU210-115D1W3**											**UEL210-115D1W3**	
2	**UELFU210-200D1W3**											**UEL210-200D1W3**	
55	**UELFU211D1W3**	163	130	21	49	18	74.6	71.4	76.2	27.8	M16	**UEL211D1W3**	
2	**UELFU211-200D1W3**											**UEL211-200D1W3**	
2 1/16	**UELFU211-201D1W3**	6 13/32	5⅛	13/16	1 15/16	45/64	2 15/16	2.811	3.000	1.094	9/16	**UEL211-201D1W3**	FU211D1
2⅛	**UELFU211-202D1W3**											**UEL211-202D1W3**	
2 3/16	**UELFU211-203D1W3**											**UEL211-203D1W3**	
60	**UELFU212D1W3**	175	143	21	53	18	80.8	77.8	84.1	31.0	M16	**UEL212D1W3**	
2¼	**UELFU212-204D1W3**											**UEL212-204D1W3**	
2⅜	**UELFU212-206D1W3**	6⅞	5⅝	13/16	2 3/32	45/64	3 3/16	3.063	3.310	1.220	9/16	**UEL212-206D1W3**	FU212D1
2 7/16	**UELFU212-207D1W3**											**UEL212-207D1W3**	
65	**UELFU213D1W3**	187	149	22	59	20.5	89.5	85.7	97.0	34.1	M18	**UEL213D1W3**	FU213D1
2 ½	**UELFU213-208D1W3**	7⅜	5 55/64	⅞	2 5/16	13/16	3 17/32	3.374	3.820	1.344	⅝	**UEL213-208D1W3**	
70	**UELFU214D1W3**	193	152	22	62	20.5	89.5	85.7	97.0	34.1	M18	**UEL214D1W3**	
2 11/16	**UELFU214-211D1W3**	7 19/32	5 63/64	⅞	2 7/16	13/16	3 17/32	3.374	3.820	1.344	⅝	**UEL214-211D1W3**	FU214D1
2¾	**UELFU214-212D1W3**											**UEL214-212D1W3**	
75	**UELFU215D1W3**	200	159	22	65	20.5	95.7	92.0	102.0	37.3	M18	**UEL215D1W3**	
2 15/16	**UELFU215-215D1W3**	7⅞	6 17/64	⅞	2 9/16	13/16	3 49/64	3.622	4.020	1.469	⅝	**UEL215-215D1W3**	FU215D1
3	**UELFU215-300D1W3**											**UEL215-300D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.

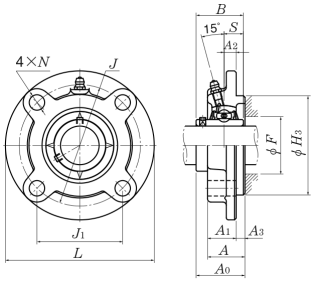


Units	Shaft Dia.
Metric	20 - 80 mm
Standard	¾ - 3 3/16 in

FLANGE – 4 BOLT, STANDARD DUTY, TAPERED BORE

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Housing Number
		a	e	g	l	s	z	L	Di	n		
20	UKF205D1 ; H2305X	95	70	16	13	27	12	35.5	35	30	M10	F205D1
¾	UKF205D1 ; HE2305	3¾	2¾	5/8	1/2	1 1/16	15/32	1 25/64	1.378	1.458	3/8	
25	UKF206D1 ; H2306X	108	83	18	13	31	12	39	38	36	M10	F206D1
7/8	UKF206D1 ; HS2306	4¼	3 9/32	45/64	1/2	1 7/32	15/32	1 17/32	1.496	1.406	3/8	
1	UKF206D1 ; HE2306X											
30	UKF207D1 ; H2307X	117	92	19	15	34	14	42.5	43	40	M12	F207D1
1 1/8	UKF207D1 ; HS2307	4 19/32	3 5/8	3/4	19/32	1 11/32	35/64	1 43/64	1.693	1.563	1/2	
35	UKF208D1 ; HE2308X	130	102	21	15	36	16	46.5	46	46	M14	F208D1
1¼	UKF208D1 ; H2308X	5 1/8	4 1/32	53/64	19/32	1 13/32	5/8	1 53/64	1.811	1.813	1/2	
1 3/8	UKF208D1 ; HS2308X											
40	UKF209D1 ; H2309X	137	105	22	16	38	16	48.5	50	52	M14	F209D1
1 7/16	UKF209D1 ; HA2309											
1½	UKF209D1 ; HE2309X	5 13/32	4 1/8	55/64	5/8	1½	5/8	1 29/32	1.969	2.062	1/2	
1 5/8	UKF209D1 ; HS2309X											
45	UKF210D1 ; H2310X	143	111	22	16	40	16	50	55	57	M14	F210D1
1 5/8	UKF210D1 ; HS2310											
1 11/16	UKF210D1 ; HA2310	5 5/8	4 3/8	55/64	5/8	1 9/16	5/8	1 31/32	2.165	2.250	1/2	
1¾	UKF210D1 ; HE2310X											
50	UKF211D1 ; H2311X	162	130	25	18	43	19	54.5	59	64	M16	F211D1
1 7/8	UKF211D1 ; HS2311											
1 15/16	UKF211D1 ; HA2311	6 3/8	5 1/8	63/64	23/32	1 11/16	3/4	2 9/64	2.323	2.531	5/8	
2	UKF211D1 ; HE2311XY											
55	UKF212D1 ; H2312X	175	143	29	18	48	19	61	62	69	M16	F212D1
2 1/8	UKF212D1 ; HS2312	6 7/8	5 5/8	1 9/64	23/32	1 7/8	3/4	2 13/32	2.441	2.719	5/8	
60	UKF213D1 ; H2313X	187	149	30	22	50	19	64	65	74	M16	F213D1
2 3/16	UKF213D1 ; HA2313											
2¼	UKF213D1 ; HE2313	7 3/8	5 7/8	1 3/16	7/8	1 7/32	3/4	2 33/64	2.559	2.906	5/8	
2 3/8	UKF213D1 ; HS2313											
65	UKF215D1 ; H2315X	200	159	34	22	56	19	71	73	84	M16	F215D1
2 7/16	UKF215D1 ; HA2315	7 7/8	6¼	1 11/32	7/8	2 7/32	3/4	2 51/64	2.874	3.313	5/8	
2½	UKF215D1 ; HE2315											
70	UKF216D1 ; H2316X	208	165	34	22	58	23	73.5	78	90	M20	F216D1
2 11/16	UKF216D1 ; HA2316	8 3/16	6½	1 11/32	7/8	2 3/32	29/32	2 57/64	3.071	3.531	3/4	
2¾	UKF216D1 ; HE2316											
75	UKF217D1 ; H2317X	220	175	36	24	63	23	77	82	95	M20	F217D1
2 15/16	UKF217D1 ; HA2317	8 21/32	6 7/8	1 27/64	15/16	2 15/32	29/32	3 1/32	3.228	3.750	3/4	
3	UKF217D1 ; HE2317											
80	UKF218D1 ; H2318X	235	187	40	24	68	23	81.5	86	102	M20	F218D1
3 3/16	UKF218D1 ; HA2318	9¼	7 3/8	1 37/64	15/16	2 11/16	29/32	3 13/64	3.386	4.032	3/4	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.



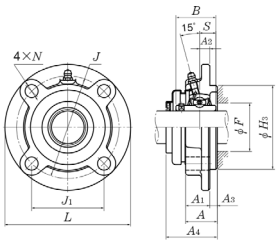
Units	Shaft Dia.
Metric	12 - 55 mm
Standard	½ - 2 3/16 in

ROUND FLANGE – STANDARD DUTY, SET SCREW, SPIGOT JOINT

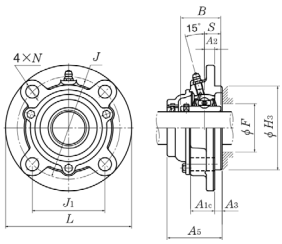
Shaft Dia.	Part Number	Nominal Dimensions													Bolt Size
		L	J	J_1	A_2	N	A_3	A_1	A_{1C}	A	H_3	A_0	B	S	
12	**UCFC201D1**	100	78	55.2	10	12	5	20.5	20.5	25.5	62	33.3	31.0	12.7	M10
½	**UCFC201-008D1**	3 15/16	3 5/64	2 11/64	25/64	15/32	13/64	13/16	13/16	1	2.441	1 15/16	1.221	0.500	3/8
15	**UCFC202D1**	100	78	55.2	10	12	5	20.5	20.5	25.5	62	33.3	31.0	12.7	M10
9/16	**UCFC202-009D1**	3 15/16	3 5/64	2 11/64	25/64	15/32	13/64	13/16	13/16	1	2.441	1 5/16	1.221	0.500	3/8
5/8	**UCFC202-010D1**														
17	**UCFC203D1**	100	78	55.2	10	12	5	20.5	20.5	25.5	62	33.3	31.0	12.7	M10
11/16	**UCFC203-011D1**	3 15/16	3 5/64	2 11/64	25/64	15/32	13/64	13/16	13/16	1	2.441	1 5/16	1.221	0.500	3/8
20	**UCFC204D1**	100	78	55.2	10	12	5	20.5	20.5	25.5	62	33.3	31.0	12.7	M10
3/4	**UCFC204-012D1**	3 15/16	3 5/64	2 11/64	25/64	15/32	13/64	13/16	13/16	1	2.441	1 5/16	1.221	0.500	3/8
25	**UCFC205D1**	115	90	63.6	10	12	6	21	22	27	70	35.8	34.1	14.3	M10
13/16	**UCFC205-013D1**														
7/8	**UCFC205-014D1**	4 17/32	3 35/64	2 1/2	25/64	15/32	15/64	13/16	7/8	1 1/16	2.756	1 13/32	1.343	0.563	3/8
15/16	**UCFC205-015D1**														
1	**UCFC205-100D1**														
30	**UCFC206D1**	125	100	70.7	10	12	8	23	24.5	31	80	40.2	38.1	15.9	M10
1/16	**UCFC206-101D1**														
1 1/8	**UCFC206-102D1**	4 29/32	3 15/16	2 25/32	25/64	15/32	5/16	29/32	31/32	1 7/32	3.150	1 37/64	1.500	0.629	3/8
1 3/16	**UCFC206-103D1**														
1 1/4	**UCFC206-104D1**														
35	**UCFC207D1**	135	110	77.8	11	14	8	26	26	34	90	44.4	42.9	17.5	M12
1 1/4	**UCFC207-104D1**														
1 5/16	**UCFC207-105D1**	5 5/16	4 21/64	3 1/16	7/16	35/64	5/16	1 1/32	1 1/32	1 11/32	3.543	1 3/4	1.689	0.689	7/16
1 3/8	**UCFC207-106D1**														
1 7/16	**UCFC207-107D1**														
40	**UCFC208D1**	145	120	84.9	11	14	10	26	27.5	36	100	51.2	49.2	19.0	M12
1 1/2	**UCFC208-108D1**	5 23/32	4 23/32	3 11/32	7/16	35/64	25/64	1 1/32	1 5/64	1 27/64	3.937	2 1/64	1.937	0.748	7/16
1 9/16	**UCFC208-109D1**														
45	**UCFC209D1**	160	132	93.3	10	16	12	26	28	38	105	52.2	49.2	19.0	M12
1 5/8	**UCFC209-110D1**														
1 11/16	**UCFC209-111D1**	6 5/16	5 13/64	3 43/64	25/64	5/8	15/32	1 1/32	1 7/64	1 1/2	4.134	2 3/64	1.937	0.748	1/2
1 3/4	**UCFC209-112D1**														
50	**UCFC210D1**	165	138	97.6	10	16	12	28	29	40	110	54.6	51.6	19.0	M14
1 13/16	**UCFC210-113D1**														
1 7/8	**UCFC210-114D1**	6 1/2	5 7/16	3 27/32	25/64	5/8	1 5/32	1 3/32	1 5/32	1 37/64	4.331	2 5/32	2.032	0.748	1/2
1 15/16	**UCFC210-115D1**														
2	**UCFC210-200D1**														
55	**UCFC211D1**	185	150	106.1	13	19	12	31	32.5	43	125	58.4	55.6	22.2	M16
2	**UCFC211-200D1**														
2 1/16	**UCFC211-201D1**	7 9/32	5 29/32	4 11/64	33/64	3/4	15/32	1 7/32	1 9/32	1 11/16	4.921	2 19/64	2.189	0.874	5/8
2 1/8	**UCFC211-202D1**														
2 3/16	**UCFC211-203D1**														

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

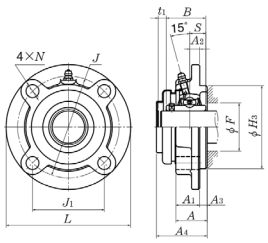
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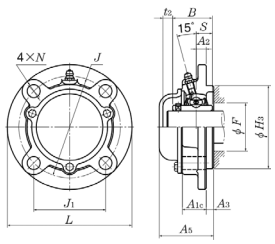
Pressed Steel Dust Cover – Open
S-UCFC...D1



Cast Steel Dust Cover – Open
C-UCFC...D1



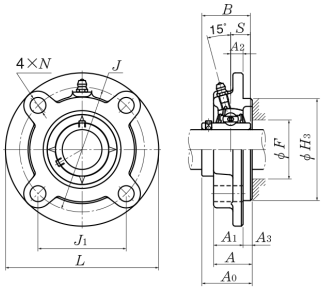
Pressed Steel Dust Cover – Closed
SM-UCFC...D1



Cast Steel Dust Cover – Closed
CM-UCFC...D1

ROUND FLANGE – STANDARD DUTY, SET SCREW, SPIGOT JOINT (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions				Insert Number	Housing Number	Part Number
		t_1	t_2	A_4	A_5			
S(SM)-UCFC201D1	C(CM)-UCFC201D1	5	8	40.5	46	UC201D1	FC204D1	UCFC201D1
S(SM)-UCFC201-008D1	C(CM)-UCFC201-008D1	1 13/64	5/16	1 19/32	1 13/16	UC201-008D1		UCFC201-008D1
S(SM)-UCFC202D1	C(CM)-UCFC202D1	5	8	40.5	46	UC202D1		UCFC202D1
S(SM)-UCFC202-009D1	C(CM)-UCFC202-009D1	13/64	5/16	1 19/32	1 13/16	UC202-009D1	FC204D1	UCFC202-009D1
S(SM)-UCFC202-010D1	C(CM)-UCFC202-010D1					UC202-010D1		UCFC202-010D1
S(SM)-UCFC203D1	C(CM)-UCFC203D1	5	8	40.5	46	UC203D1	FC204D1	UCFC203D1
S(SM)-UCFC203-011D1	C(CM)-UCFC203-011D1	13/64	5/16	1 19/32	1 13/16	UC203-011D1		UCFC203-011D1
S(SM)-UCFC204D1	C(CM)-UCFC204D1	5	8	40.5	46	UC204D1	FC204D1	UCFC204D1
S(SM)-UCFC204-012D1	C(CM)-UCFC204-012D1	13/64	5/16	1 19/32	1 13/16	UC204-012D1		UCFC204-012D1
S(SM)-UCFC205D1	C(CM)-UCFC205D1	7	11	44.5	51	UC205D1		UCFC205D1
S(SM)-UCFC205-013D1	C(CM)-UCFC205-013D1					UC205-013D1		UCFC205-013D1
S(SM)-UCFC205-014D1	C(CM)-UCFC205-014D1	9/32	7/16	1 3/4	2	UC205-014D1	FC205D1	UCFC205-014D1
S(SM)-UCFC205-015D1	C(CM)-UCFC205-015D1					UC205-015D1		UCFC205-015D1
S(SM)-UCFC205-100D1	C(CM)-UCFC205-100D1					UC205-100D1		UCFC205-100D1
S(SM)-UCFC206D1	C(CM)-UCFC206D1	7	11	49	56	UC206D1		UCFC206D1
S(SM)-UCFC206-101D1	C(CM)-UCFC206-101D1					UC206-101D1		UCFC206-101D1
S(SM)-UCFC206-102D1	C(CM)-UCFC206-102D1	9/32	7/16	1 59/64	2 13/64	UC206-102D1	FC206D1	UCFC206-102D1
S(SM)-UCFC206-103D1	C(CM)-UCFC206-103D1					UC206-103D1		UCFC206-103D1
S(SM)-UCFC206-104D1	C(CM)-UCFC206-104D1					UC206-104D1		UCFC206-104D1
S(SM)-UCFC207D1	C(CM)-UCFC207D1	8	10	55	59	UC207D1		UCFC207D1
S(SM)-UCFC207-104D1	C(CM)-UCFC207-104D1					UC207-104D1		UCFC207-104D1
S(SM)-UCFC207-105D1	C(CM)-UCFC207-105D1	5/16	23/64	2 11/64	2 21/64	UC207-105D1	FC207D1	UCFC207-105D1
S(SM)-UCFC207-106D1	C(CM)-UCFC207-106D1					UC207-106D1		UCFC207-106D1
S(SM)-UCFC207-107D1	C(CM)-UCFC207-107D1					UC207-107D1		UCFC207-107D1
S(SM)-UCFC208D1	C(CM)-UCFC208D1	8	12	62	66	UC208D1		UCFC208D1
S(SM)-UCFC208-108D1	C(CM)-UCFC208-108D1	5/16	15/32	2 7/16	2 19/32	UC208-108D1	FC208D1	UCFC208-108D1
S(SM)-UCFC208-109D1	C(CM)-UCFC208-109D1					UC208-109D1		UCFC208-109D1
S(SM)-UCFC209D1	C(CM)-UCFC209D1	8	12	63	70	UC209D1		UCFC209D1
S(SM)-UCFC209-110D1	C(CM)-UCFC209-110D1					UC209-110D1	FC209D1	UCFC209-110D1
S(SM)-UCFC209-111D1	C(CM)-UCFC209-111D1	5/16	15/32	2 31/64	2 3/4	UC209-111D1		UCFC209-111D1
S(SM)-UCFC209-112D1	C(CM)-UCFC209-112D1					UC209-112D1		UCFC209-112D1
S(SM)-UCFC210D1	C(CM)-UCFC210D1	8	12	65.5	72	UC210D1		UCFC210D1
S(SM)-UCFC210-113D1	C(CM)-UCFC210-113D1					UC210-113D1		UCFC210-113D1
S(SM)-UCFC210-114D1	C(CM)-UCFC210-114D1	5/16	15/32	2 37/64	2 53/64	UC210-114D1	FC210D1	UCFC210-114D1
S(SM)-UCFC210-115D1	C(CM)-UCFC210-115D1					UC210-115D1		UCFC210-115D1
S(SM)-UCFC210-200D1	C(CM)-UCFC210-200D1					UC210-200D1		UCFC210-200D1
S(SM)-UCFC211D1	C(CM)-UCFC211D1	10	11	71	75	UC211D1		UCFC211D1
S(SM)-UCFC211-200D1	C(CM)-UCFC211-200D1					UC211-200D1		UCFC211-200D1
S(SM)-UCFC211-201D1	C(CM)-UCFC211-201D1	25/64	7/16	2 51/64	2 61/64	UC211-201D1	FC211D1	UCFC211-201D1
S(SM)-UCFC211-202D1	C(CM)-UCFC211-202D1					UC211-202D1		UCFC211-202D1
S(SM)-UCFC211-203D1	C(CM)-UCFC211-203D1					UC211-203D1		UCFC211-203D1



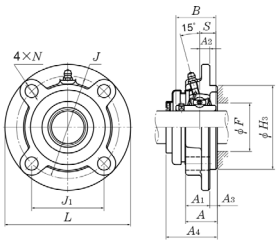
Units	Shaft Dia.
Metric	60 - 90 mm
Standard	2¼ - 3½ in

ROUND FLANGE – STANDARD DUTY, SET SCREW, SPIGOT JOINT

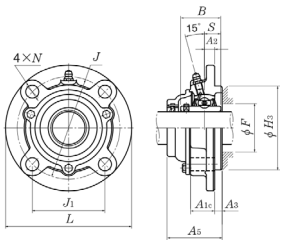
Shaft Dia.	Part Number	Nominal Dimensions													Bolt Size
		L	J	J_1	A_2	N	A_3	A_1	A_{1C}	A	H_3	A_0	B	S	
60	**UCFC212D1**	195	160	113.1	17	19	12	36	38	48	135	68.7	65.1	25.4	M16
2¼	**UCFC212-204D1**														
2 5/16	**UCFC212-205D1**	7 11/16	6 19/64	4 29/64	43/64	¾	15/32	1 13/32	1½	1 57/64	5.315	2 45/64	2.563	1.000	⅝
2⅜	**UCFC212-206D1**														
2 7/16	**UCFC212-207D1**														
65	**UCFC213D1**	205	170	120.2	16	19	14	36	38	50	145	69.7	65.1	25.4	M16
2½	**UCFC213-208D1**	8 1/16	6 11/16	4 47/64	⅝	¾	35/64	1 13/32	1½	1 31/32	5.709	2¾	2.563	1.000	⅝
2 9/16	**UCFC213-209D1**														
70	**UCFC214D1**	215	177	125.2	17	19	14	40	39.5	54	150	75.4	74.6	30.2	M16
2⅝	**UCFC214-210D1**														
2 11/16	**UCFC214-211D1**	8 15/32	6 31/32	4 59/64	43/64	¾	35/64	1 37/64	1 9/16	2⅛	5.906	2 31/32	2.937	1.189	⅝
2¾	**UCFC214-212D1**														
75	**UCFC215D1**	220	184	130.1	18	19	16	40	43	56	160	78.5	77.8	33.3	M16
2 13/16	**UCFC215-213D1**														
2⅞	**UCFC215-214D1**	8 21/32	7¼	5⅛	45/64	¾	⅝	1 37/64	1 11/16	2 13/64	6.299	3 3/32	3.063	1.311	⅝
2 15/16	**UCFC215-215D1**														
3	**UCFC215-300D1**														
80	**UCFC216D1**	240	200	141.4	18	23	16	42	43	58	170	83.3	82.6	33.3	M20
3 1/16	**UCFC216-301D1**														
3⅛	**UCFC216-302D1**	9 7/16	7⅞	5 9/16	45/64	29/32	⅝	1 21/32	1 11/16	2 9/32	6.693	2 9/32	3.252	1.311	¾
3 3/16	**UCFC216-303D1**														
85	**UCFC217D1**	250	208	147.1	18	23	18	45	45.5	63	180	87.6	85.7	34.1	M20
3¼	**UCFC217-304D1**														
3 5/16	**UCFC217-305D1**	9 27/32	8 3/16	5 51/64	45/64	29/32	45/64	1 25/64	1 51/64	2 31/64	7.087	3 29/64	3.374	1.343	¾
3 7/16	**UCFC217-307D1**														
90	**UCFC218D1**	265	220	155.6	22	23	18	50	50	68	190	96.3	96.0	39.7	M20
3½	**UCFC218-308D1**	10 7/16	8 21/32	6⅛	55/64	29/32	45/64	1 31/32	1 31/32	2 43/64	7.480	3 51/64	3.780	1.563	¾

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

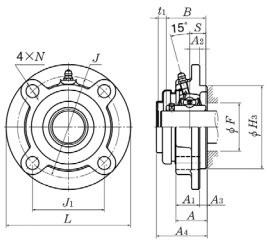
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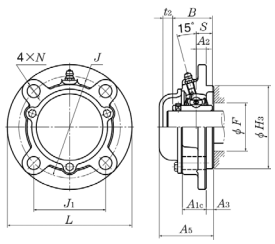
Pressed Steel Dust Cover – Open
S-UCFC...D1



Cast Steel Dust Cover – Open
C-UCFC...D1



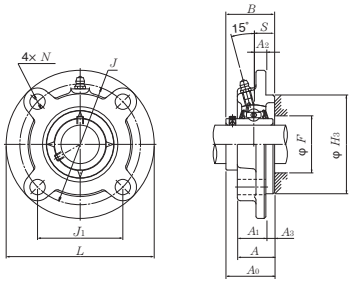
Pressed Steel Dust Cover – Closed
SM-UCFC...D1



Cast Steel Dust Cover – Closed
CM-UCFC...D1

ROUND FLANGE – STANDARD DUTY, SET SCREW, SPIGOT JOINT (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions				Insert Number	Housing Number	Part Number
		t_1	t_2	A_4	A_5			
S(SM)-UCFC212D1	C(CM)-UCFC212D1	8	12	80	86	UC212D1		UCFC212D1
S(SM)-UCFC212-204D1	C(CM)-UCFC212-204D1					UC212-204D1		UCFC212-204D1
S(SM)-UCFC212-205D1	C(CM)-UCFC212-205D1	5/16	15/32	3 5/32	3 25/64	UC212-205D1	FC212D1	UCFC212-205D1
S(SM)-UCFC212-206D1	C(CM)-UCFC212-206D1					UC212-206D1		UCFC212-206D1
S(SM)-UCFC212-207D1	C(CM)-UCFC212-207D1					UC212-207D1		UCFC212-207D1
S(SM)-UCFC213D1	C(CM)-UCFC213D1	11	14	83.5	89.5	UC213D1		UCFC213D1
S(SM)-UCFC213-208D1	C(CM)-UCFC213-208D1	7/16	35/64	3 9/32	3 17/32	UC213-208D1	FC213D1	UCFC213-208D1
S(SM)-UCFC213-209D1	C(CM)-UCFC213-209D1					UC213-209D1		UCFC213-209D1
–	C(CM)-UCFC214D1	–	16	–	98	UC214D1	FC214D1	UCFC214D1
	C(CM)-UCFC214-210D1					UC214-210D1		UCFC214-210D1
	C(CM)-UCFC214-211D1		5/8		3 55/64	UC214-211D1		UCFC214-211D1
	C(CM)-UCFC214-212D1					UC214-212D1		UCFC214-212D1
–	C(CM)-UCFC215D1	–	17	–	102	UC215D1	FC215D1	UCFC215D1
	C(CM)-UCFC215-213D1					UC215-213D1		UCFC215-213D1
	C(CM)-UCFC215-214D1		21/32		4 1/64	UC215-214D1		UCFC215-214D1
	C(CM)-UCFC215-215D1					UC215-215D1		UCFC215-215D1
	C(CM)-UCFC215-300D1					UC215-300D1		UCFC215-300D1
–	C(CM)-UCFC216D1	–	16	–	106	UC216D1	FC216D1	UCFC216D1
	C(CM)-UCFC216-301D1					UC216-301D1		UCFC216-301D1
	C(CM)-UCFC216-302D1		5/8		4 11/64	UC216-302D1		UCFC216-302D1
	C(CM)-UCFC216-303D1					UC216-303D1		UCFC216-303D1
–	C(CM)-UCFC217D1	–	20	–	114	UC217D1	FC217D1	UCFC217D1
	C(CM)-UCFC217-304D1					UC217-304D1		UCFC217-304D1
	C(CM)-UCFC217-305D1		25/32		4 31/64	UC217-305D1		UCFC217-305D1
	C(CM)-UCFC217-307D1					UC217-307D1		UCFC217-307D1
–	C(CM)-UCFC218D1	–	19	–	122	UC218D1	FC218D1	UCFC218D1
	C(CM)-UCFC218-308D1		3/4		4 51/64	UC218-308D1		UCFC218-308D1



Units	Shaft Dia.
Metric	25 - 55 mm
Standard	13/16 - 2 5/16 in

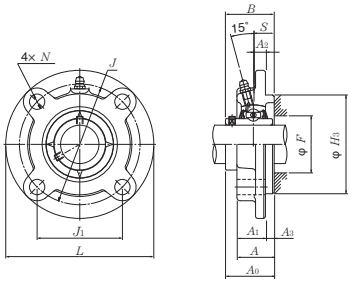
ROUND FLANGE – 4 BOLT, INTERMEDIATE DUTY, SET SCREW, SPIGOT JOINT

Shaft Dia.	Part Number	Nominal Dimensions													Bolt Size	Insert Number	Housing Number
		L	J	J_1	A_2	N	A_3	A_1	A	H_3	A_0	B	S	F min			
25	**UCFCX05D1**	111	92	65.1	10	9.5	6	24	30	76	38.2	38.1	15.9	46	M8	**UCX05D1**	
13/16	**UCFCX05-013D1**															**UCX05-013D1**	
7/8	**UCFCX05-014D1**	4 3/8	3 5/8	2 9/16	25/64	3/8	1/4	15/16	1 3/16	2.992	1 1/2	1.500	0.626	1 13/16	5/16	**UCX05-014D1**	FCX05D1
15/16	**UCFCX05-015D1**															**UCX05-015D1**	
1	**UCFCX05-100D1**															**UCX05-100D1**	
30	**UCFCX06D1**	127	105	74.2	8	12	9.5	22.5	32	85	42.9	42.9	17.5	52	M10	**UCX06D1**	
1 1/16	**UCFCX06-101D1**															**UCX06-101D1**	
1 1/8	**UCFCX06-102D1**	5	4 3/64	2 59/64	5/16	15/32	3/8	7/8	1 27/64	3.347	1 11/16	1.689	0.689	2 1/16	3/8	**UCX06-102D1**	FCX06D1
1 3/16	**UCFCX06-103D1**															**UCX06-103D1**	
1 1/4	**UCFCX06-104D1**															**UC207-104D1**	
35	**UCFCX07D1**	133	111	78.5	9	12	11	26	37	92	50.2	49.2	19.0	59	M10	**UCX07D1**	
1 5/16	**UCFCX07-105D1**															**UCX07-105D1**	
1 3/8	**UCFCX07-106D1**	5 1/4	4 3/8	3 3/32	23/64	15/32	7/16	1 1/32	1 29/64	3.622	1 31/32	1.937	0.748	2 5/16	3/8	**UCX07-106D1**	FCX07D1
1 7/16	**UCFCX07-107D1**															**UCX07-106D1**	
40	**UCFCX08D1**	133	111	78.5	9	12	11	26	37	92	50.2	49.2	19.0	63	M10	**UCX08D1**	
1 1/2	**UCFCX08-108D1**	5 1/4	4 3/8	3 3/32	23/64	15/32	7/16	1 1/32	1 29/64	3.622	1 31/32	1.937	0.748	2 15/32	3/8	**UCX08-108D1**	FCX08D1
1 9/16	**UCFCX08-109D1**															**UCX08-108D1**	
45	**UCFCX09D1**	155	130	91.9	8	14	12	25	37	108	52.6	51.6	19.0	68	M12	**UCX09D1**	
1 5/8	**UCFCX09-110D1**															**UCX09-110D1**	
1 11/16	**UCFCX09-111D1**	6 3/32	5 1/8	3 5/8	5/16	35/64	1 5/32	31/32	1 29/64	4.252	2 5/64	2.032	0.748	2 11/16	7/16	**UCX09-111D1**	FCX09D1
1 3/4	**UCFCX09-112D1**															**UCX09-112D1**	
1 13/16	**UCFCX09-113D1**															**UC210-113D1**	
50	**UCFCX10D1**	162	136	96.2	7	14	16	25	41	118	56.4	55.6	22.2	75	M12	**UCX10D1**	
1 7/8	**UCFCX10-114D1**															**UCX10-114D1**	
1 15/16	**UCFCX10-115D1**	6 3/8	5 23/64	3 25/32	9/32	35/64	5/8	31/32	1 39/64	4.646	2 7/32	2.189	0.874	2 15/16	7/16	**UCX10-115D1**	FCX10D1
2	**UCFCX10-200D1**															**UC211-200D1**	
55	**UCFCX11D1**	180	152	107.5	4	16	22	26	48	127	65.7	65.1	25.4	83	M14	**UCX11D1**	
2 1/16	**UCFCX11-201D1**															**UCX11-201D1**	
2 1/8	**UCFCX11-202D1**															**UCX11-202D1**	
2 3/16	**UCFCX11-203D1**	7 3/32	5 63/64	4 15/64	5/32	5/8	5 5/64	1 1/32	1 57/64	5.000	2 19/32	2.563	1.000	3 3/32	1/2	**UCX11-203D1**	FCX11D1
2 1/4	**UCFCX11-204D1**															**UC212-204D1**	
2 5/16	**UCFCX11-205D1**															**UC212-205D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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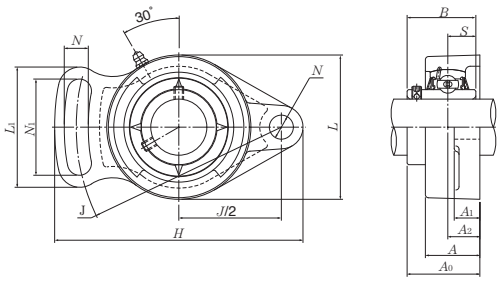
Units	Shaft Dia.
Metric	60 - 100 mm
Standard	2⅜ - 4 in



ROUND FLANGE – 4 BOLT, INTERMEDIATE DUTY, SET SCREW, SPIGOT JOINT (continued)

Shaft Dia.	Part Number	Nominal Dimensions													Bolt Size	Insert Number	Housing Number
		L	J	J_1	A_2	N	A_3	A_1	A	H_3	A_0	B	S	F min			
60	**UCFCX12D1**	194	165	116.7	11	16	20	33	53	140	70.7	65.1	25.4	–	M14	**UCX12D1**	
2⅜	**UCFCX12-206D1**	7⅝	6½	4 19/32	7/16	⅝	25/32	1 5/16	2 5/64	5.512	2 25/32	2.563	1.000	–	½	**UCX12-206D1**	FCX12D1
2 7/16	**UCFCX12-207D1**															**UCX12-207D1**	
65	**UCFCX13D1**	194	165	116.7	11	16	20	33	53	140	75.4	74.6	30.2	94	M14	**UCX13D1**	
2½	**UCFCX13-208D1**	7⅝	6½	4 19/32	7/16	⅝	25/32	1 5/16	2 5/64	5.512	2 31/32	2.937	1.189	3 45/64	½	**UCX13-208D1**	FCX13D1
2 9/16	**UCFCX13-209D1**															**UCX13-209D1**	
70	**UCFCX14D1**	222	190	134.4	14	19	20	36	56	164	78.5	77.8	33.3	102	M16	**UCX14D1**	
2⅝	**UCFCX14-210D1**															**UCX14-210D1**	
2 11/16	**UCFCX14-211D1**	8¾	7 31/64	5 9/32	35/64	¾	25/32	1 13/32	2 13/64	6.457	3 3/32	3.063	1.311	4 1/64	⅝	**UCX14-211D1**	FCX14D1
2¾	**UCFCX14-212D1**															**UCX14-212D1**	
75	**UCFCX15D1**	222	190	134.4	12	19	22	35	57	164	83.3	82.6	33.3	105	M16	**UCX15D1**	
2 13/16	**UCFCX15-213D1**															**UCX15-213D1**	
2⅞	**UCFCX15-214D1**	8¾	7 31/64	5 9/32	15/32	¾	55/64	1⅜	2¼	6.457	3 9/32	3.252	1.311	4⅛	⅝	**UCX15-214D1**	FCX15D1
2 15/16	**UCFCX15-215D1**															**UCX15-215D1**	
3	**UCFCX15-300D1**															**UCX15-300D1**	
80	**UCFCX16D1**	260	219	154.9	10	23	25	36	61	186	86.6	85.7	34.1	113	M20	**UCX16D1**	
3 1/16	**UCFCX16-301D1**															**UCX16-301D1**	
3⅛	**UCFCX16-302D1**	10¼	8⅝	6 3/32	25/64	29/32	63/64	1 13/32	2 13/32	7.323	3 13/32	3.374	1.343	4 7/16	¾	**UCX16-302D1**	FCX16D1
3 3/16	**UCFCX16-303D1**															**UCX16-303D1**	
3¼	**UCFCX16-304D1**															**UC217-304D1**	
85	**UCFCX17D1**	260	219	154.9	10	23	25	36	61	186	91.3	96.0	39.7	119	M20	**UCX17D1**	
3 5/16	**UCFCX17-305D1**	10¼	8⅝	6 3/32	25/64	29/32	63/64	1 13/32	2 13/32	7.323	3 19/32	3.780	1.563	4 11/16	¾	**UCX17-305D1**	FCX17D1
3 7/16	**UCFCX17-307D1**															**UCX17-307D1**	
90	**UCFCX18D1**	260	219	154.9	12	23	28	43	71	186	101.1	104.0	42.9	126	M20	**UCX18D1**	
3 7/16	**UCFCX18-307D1**	10¼	8⅝	6 3/32	15/32	29/32	1 7/64	1 11/16	2 51/64	7.323	3 63/64	4.095	1.689	4 31/32	¾	**UCX18-307D1**	FCX18D1
3½	**UCFCX18-308D1**															**UCX18-308D1**	
100	**UCFCX20D1**	276	238	168.3	22	23	28	66	94	206	118.3	117.5	49.2	139	M20	**UCX20D1**	
3 13/16	**UCFCX20-313D1**															**UCX20-313D1**	
3⅞	**UCFCX20-314D1**	10⅞	9⅜	6⅝	55/64	29/32	1 7/64	2 19/32	3 45/64	8.110	4 21/32	4.626	1.937	5 15/32	¾	**UCX20-314D1**	FCX20D1
3 15/16	**UCFCX20-315D1**															**UCX20-315D1**	
4	**UCFCX20-400D1**															**UCX20-400D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

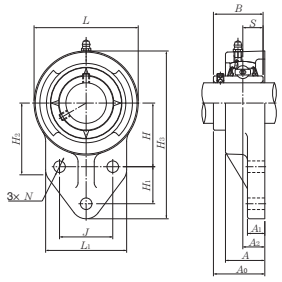


Units	Shaft Dia.
Metric	12 - 55 mm
Standard	½ - 2 3/16 in

MODIFIED RHOMBUS FLANGE – STANDARD DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions												Bolt Size	Insert Number	Housing Number
		H	J	A_2	A_1	A	N	N_1	L	L_1	A_0	B	S			
12	**UCFA201D1**	98	78	15	12	25.5	10	40	60	50	33.3	31.0	12.7	M 8	**UC201D1**	FA204D1
½	**UCFA201-008D1**	3 27/32	3 1/16	19/32	15/32	1	25/64	1 9/16	2 3/8	1 31/32	1 5/16	1.221	0.500	5/16	**UC201-008D1**	
15	**UCFA202D1**	98	78	15	12	25.5	10	40	60	50	33.3	31.0	12.7	M 8	**UC202D1**	FA204D1
9/16	**UCFA202-009D1**	3 27/32	3 1/16	19/32	15/32	1	25/64	1 9/16	2 3/8	1 31/32	1 5/16	1.221	0.500	5/16	**UC202-009D1**	
5/8	**UCFA202-010D1**														**UC202-010D1**	
17	**UCFA203D1**	98	78	15	12	25.5	10	40	60	50	33.3	31.0	12.7	M 8	**UC203D1**	FA204D1
11/16	**UCFA203-011D1**	3 27/32	3 1/16	19/32	15/32	1	25/64	1 9/16	2 3/8	1 31/32	1 5/16	1.221	0.500	5/16	**UC203-011D1**	
20	**UCFA204D1**	98	78	15	12	25.5	10	40	60	50	33.3	31.0	12.7	M 8	**UC204D1**	FA204D1
3/4	**UCFA204-012D1**	3 27/32	3 1/16	19/32	15/32	1	25/64	1 9/16	2 3/8	1 31/32	1 5/16	1.221	0.500	5/16	**UC204-012D1**	
25	**UCFA205D1**	124	96	15	14	26.5	13	49	70	64	34.8	34.1	14.3	M10	**UC205D1**	FA205D1
13/16	**UCFA205-013D1**														**UC205-013D1**	
7/8	**UCFA205-014D1**	4 7/8	3 25/32	19/32	9/16	1 1/32	33/64	1 15/16	2 3/4	2 17/32	1 3/8	1.343	0.563	3/8	**UC205-014D1**	
15/16	**UCFA205-015D1**														**UC205-015D1**	
1	**UCFA205-100D1**														**UC205-100D1**	
30	**UCFA206D1**	141	115	18	14	31	13	53	80	68	40.2	38.1	15.9	M10	**UC206D1**	FA206D1
1 1/16	**UCFA206-101D1**														**UC206-101D1**	
1 1/8	**UCFA206-102D1**	5 9/16	4 17/32	45/64	9/16	1 7/32	33/64	2 3/32	3 5/32	2 11/16	1 37/64	1.500	0.626	3/8	**UC206-102D1**	
1 3/16	**UCFA206-103D1**														**UC206-103D1**	
1 1/4	**UCFA206-104D1**														**UC206-104D1**	
35	**UCFA207D1**	155	128	20	16	34	15	60	90	75	45.4	42.9	17.5	M12	**UC207D1**	FA207D1
1 1/4	**UCFA207-104D1**														**UC207-104D1**	
1 5/16	**UCFA207-105D1**	6 3/32	5 1/32	25/32	5/8	1 11/32	19/32	2 3/8	3 17/32	2 15/16	1 25/32	1.689	0.689	7/16	**UC207-105D1**	
1 3/8	**UCFA207-106D1**														**UC207-106D1**	
1 7/16	**UCFA207-107D1**														**UC207-107D1**	
40	**UCFA208D1**	171	142	22	16	36	15	69	100	84	52.2	49.2	19.0	M12	**UC208D1**	FA208D1
1 1/2	**UCFA208-108D1**	6 23/32	5 19/32	55/64	5/8	1 13/32	19/32	2 23/32	3 15/16	3 5/16	2 1/16	1.937	0.748	7/16	**UC208-108D1**	
1 9/16	**UCFA208-109D1**														**UC208-109D1**	
45	**UCFA209D1**	179	146	22	18	38	17	72	110	88	52.2	49.2	19.0	M14	**UC209D1**	FA209D1
1 5/8	**UCFA209-110D1**														**UC209-110D1**	
1 11/16	**UCFA209-111D1**	7 1/16	5 3/4	55/64	23/32	1 1/2	43/64	2 27/32	4 1/32	3 15/32	2 1/16	1.937	0.748	1/2	**UC209-111D1**	
1 3/4	**UCFA209-112D1**														**UC209-112D1**	
50	**UCFA210D1**	189	155	22	18	40	17	75	115	92	54.6	51.6	19.0	M14	**UC210D1**	FA210D1
1 13/16	**UCFA210-113D1**														**UC210-113D1**	
1 7/8	**UCFA210-114D1**	7 1/16	6 3/32	55/64	23/32	1 9/16	43/64	2 15/16	4 17/32	3 5/8	2 5/32	2.032	0.748	1/2	**UC210-114D1**	
1 15/16	**UCFA210-115D1**														**UC210-115D1**	
2	**UCFA210-200D1**														**UC210-200D1**	
55	**UCFA211D1**	216	182	26	20	43	17	85	130	102	59.4	55.6	22.2	M14	**UC211D1**	FA211D1
2	**UCFA211-200D1**														**UC211-200D1**	
2 1/16	**UCFA211-201D1**	8 1/8	7 5/32	1 1/32	25/32	1 11/16	43/64	3 11/32	5 1/8	4 1/32	2 11/32	2.189	0.874	1/2	**UC211-201D1**	
2 1/8	**UCFA211-202D1**														**UC211-202D1**	
2 3/16	**UCFA211-203D1**														**UC211-203D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

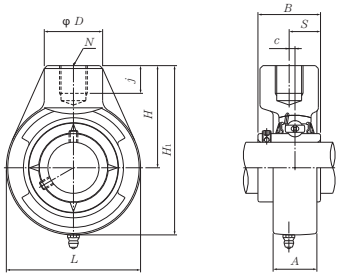


Units	Shaft Dia.
Metric	12 - 50 mm
Standard	½ - 2 in

MODIFIED FLANGE – 3 BOLT, STANDARD DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions														Bolt Size	Insert Number	Housing Number
		H_3	J	A_2	A_1	A	N	H	H_1	L_1	H_2	L	A_0	B	S			
12	**UCFH201D1**	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31.0	12.7	M 8	**UC201D1**	FH204D1
½	**UCFH201-008D1**	4 11/32	1 17/64	19/32	½	1	25/64	1 21/32	1 1/16	2 1/16	2 1/16	2 7/16	1 5/16	1.221	0.500	5/16	**UC201-008D1**	
15	**UCFH202D1**	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31.0	12.7	M 8	**UC202D1**	FH204D1
9/16	**UCFH202-009D1**	4 11/32	1 17/64	19/32	½	1	25/64	1 21/32	1 1/16	2 1/16	2 1/16	2 7/16	1 5/16	1.221	0.500	5/16	**UC202-009D1**	
5/8	**UCFH202-010D1**																**UC202-010D1**	
17	**UCFH203D1**	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31.0	12.7	M 8	**UC203D1**	FH204D1
11/16	**UCFH203-011D1**	4 11/32	1 17/64	19/32	½	1	25/64	1 21/32	1 1/16	2 1/16	2 1/16	2 7/16	1 5/16	1.221	0.500	5/16	**UC203-011D1**	
20	**UCFH204D1**	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31.0	12.7	M 8	**UC204D1**	FH204D1
¾	**UCFH204-012D1**	4 11/32	1 17/64	19/32	½	1	25/64	1 21/32	1 1/16	2 1/16	2 1/16	2 7/16	1 5/16	1.221	0.500	5/16	**UC204-012D1**	
25	**UCFH205D1**	116	34	16	13	27	10	45	27	56	52	68	35.8	34.1	14.3	M 8	**UC205D1**	FH205D1
13/16	**UCFH205-013D1**																**UC205-013D1**	
7/8	**UCFH205-014D1**																**UC205-014D1**	
15/16	**UCFH205-015D1**	4 9/16	1 11/32	5/8	½	1 1/16	25/64	1 49/64	1 1/16	2 7/32	2 1/16	2 11/16	1 13/32	1.343	0.563	5/16	**UC205-015D1**	
1	**UCFH205-100D1**																**UC205-100D1**	
30	**UCFH206D1**	130	40	18	13	31	10	50	29	65	55	78	40.2	38.1	15.9	M 8	**UC206D1**	FH206D1
1 1/16	**UCFH206-101D1**																**UC206-101D1**	
1 1/8	**UCFH206-102D1**																**UC206-102D1**	
1 3/16	**UCFH206-103D1**	5 1/8	1 37/64	45/64	½	1 7/32	25/64	1 31/32	1 9/64	2 9/16	2 5/32	3 1/16	1 37/64	1.500	0.626	5/16	**UC206-103D1**	
1¼	**UCFH206-104D1**																**UC206-104D1**	
35	**UCFH207D1**	144	46	19	15	34	10	55	32	70	62	90	44.4	42.9	17.5	M 8	**UC207D1**	FH207D1
1¼	**UCFH207-104D1**																**UC207-104D1**	
1 5/16	**UCFH207-105D1**																**UC207-105D1**	
1⅜	**UCFH207-106D1**	5 21/32	1 13/16	¾	19/32	1 11/32	25/64	2 11/64	1 17/64	2¾	2 7/16	3 17/32	1¾	1.689	0.689	5/16	**UC207-106D1**	
1 7/16	**UCFH207-107D1**																**UC207-107D1**	
40	**UCFH208D1**	164	50	21	16	36	12	60	41	78	72	100	51.2	49.2	19	M10	**UC208D1**	FH208D1
1½	**UCFH208-108D1**	6 15/32	1 31/32	53/64	5/8	1 13/32	15/32	2 23/64	1 39/64	3 1/16	2 27/32	3 15/16	2 1/64	1.937	0.748	3/8	**UC208-108D1**	
1 9/16	**UCFH208-109D1**																**UC208-109D1**	
45	**UCFH209D1**	174	54	22	18	38	12	65	43	80	76	106	52.2	49.2	19	M10	**UC209D1**	FH209D1
1⅝	UCFH209-110D1																**UC209-110D1**	
1 11/16	UCFH209-111D1	6 27/32	2⅛	55/64	23/32	1½	15/32	2 9/16	1 11/16	3 5/32	3	4 3/16	2 1/16	1.937	0.748	3/8	**UC209-111D1**	
1¾	UCFH209-112D1																**UC209-112D1**	
50	**UCFH210D1**	184	58	22	18	40	12	68	46	86	82	112	54.6	51.6	19	M10	**UC210D1**	FH210D1
1 13/16	**UCFH210-113D1**																**UC210-113D1**	
1⅞	**UCFH210-114D1**																**UC210-114D1**	
1 15/16	**UCFH210-115D1**	7¼	2 9/32	55/64	23/32	1 9/16	15/32	2 43/64	1 13/16	3⅜	3 1/32	4 13/32	2 5/32	2.032	0.748	3/8	**UC210-115D1**	
2	**UCFH210-200D1**																**UC210-200D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.



Units	Shaft Dia.
Metric	12 - 45 mm
Standard	½ - 1¾ in

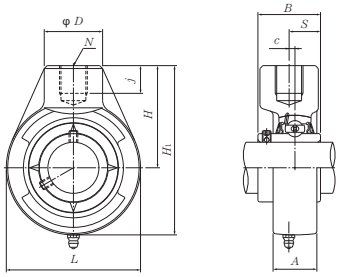
HANGER UNIT – STANDARD DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions										Insert Number	Housing Number
		L	H_1	c	A	H	D	j	B	S	N		
12	**UCHB201D1**	64	96	0	21	64	40	19	31.0	12.7	Rp ¾	**UC201D1**	HB204D1
½	**UCHB201-008D1**	2 17/32	3 25/32	0	13/16	2 33/64	9/16	¾	1.221	0.500		**UC201-008D1**	
15	**UCHB202D1**	64	96	0	21	64	40	19	31.0	12.7	Rp ¾	**UC202D1**	HB204D1
9/16	**UCHB202-009D1**	2 17/32	3 25/32	0	13/16	2 33/64	1 9/16	¾	1.221	0.500		**UC202-009D1**	
⅝	**UCHB202-010D1**											**UC202-010D1**	
17	**UCHB203D1**	64	96	0	21	64	40	19	31.0	12.7	Rp ¾	**UC203D1**	HB204D1
11/16	**UCHB203-011D1**	2 17/32	3 25/32	0	13/16	2 33/64	1 9/16	¾	1.221	0.500		**UC203-011D1**	
20	**UCHB204D1**	64	96	0	21	64	40	19	31.0	12.7	Rp ¾	**UC204D1**	HB204D1
¾	**UCHB204-012D1**	2 17/32	3 25/32	0	13/16	2 33/64	9/16	¾	1.221	0.500		**UC204-012D1**	
25	**UCHB205D1**	78	103	0	24	64	40	19	34.1	14.3	Rp ¾	**UC205D1**	HB205D1
13/16	**UCHB205-013D1**											**UC205-013D1**	
⅞	**UCHB205-014D1**	3 1/16	4 1/16	0	15/16	2 33/64	1 9/16	¾	1.343	0.563		**UC205-014D1**	
15/16	**UCHB205-015D1**											**UC205-015D1**	
1	**UCHB205-100D1**											**UC205-100D1**	
30	**UCHB206D1**	78	103	0	28	64	40	19	38.1	15.9	Rp ¾	**UC206D1**	HB206D1
1 1/16	**UCHB206-101D1**											**UC206-101D1**	
1⅛	**UCHB206-102D1**	3 1/16	4 1/16	0	1 3/32	2 33/64	9/16	¾	1.500	0.626		**UC206-102D1**	
1 3/16	**UCHB206-103D1**											**UC206-103D1**	
1¼	**UCHB206-104D1**											**UC206-104D1**	
35	**UCHB207D1**	92	116	0	30	70	40	19	42.9	17.5	Rp ¾	**UC207D1**	HB207D1
1¼	**UCHB207-104D1**											**UC207-104D1**	
1 5/16	**UCHB207-105D1**	3⅜	4 9/16	0	1 3/16	2¾	1 9/16	¾	1.689	0.689		**UC207-105D1**	
1⅜	**UCHB207-106D1**											**UC207-106D1**	
1 7/16	**UCHB207-107D1**											**UC207-107D1**	
40	**UCHB208D1**	96	121	2	33	73	40	19	49.2	19.0	Rp ¾	**UC208D1**	HB208D1
1½	**UCHB208-108D1**	3 25/32	4¾	3/32	1 5/16	2⅞	1 9/16	¾	1.937	0.748		**UC208-108D1**	
1 9/16	**UCHB208-109D1**											**UC208-109D1**	
45	**UCHB209D1**	108	136	5	35	82	48	21	49.2	19.0	Rp 1	**UC209D1**	HB209D1
1⅝	**UCHB209-110D1**											**UC209-110D1**	
1 11/16	**UCHB209-111D1**	4¼	5 11/32	3/16	1⅜	3 15/64	1⅞	13/16	1.937	0.748		**UC209-111D1**	
1¾	**UCHB209-112D1**											**UC209-112D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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Units	Shaft Dia.
Metric	50 - 65 mm
Standard	1 13/16 - 2 1/2 in

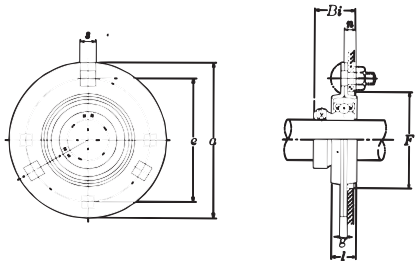


HANGER UNIT – STANDARD DUTY, SET SCREW (continued)

Shaft Dia.	Part Number	Nominal Dimensions										Insert Number	Housing Number
		L	H_1	c	A	H	D	j	B	S	N		
50	UCHB210D1	118	142	5	37	83	48	21	51.6	19.0		UC210D1	
1 13/16	UCHB210-113D1											UC210-113D1	HB210D1
1 7/8	UCHB210-114D1	4 21/32	5 19/32	3/16	1 15/32	3 17/64	1 7/8	13/16	2.032	0.748	Rp 1	UC210-114D1	
1 15/16	UCHB210-115D1											UC210-115D1	
2	UCHB210-200D1											UC210-200D1	
55	UCHB211D1	126	158	7	38	95	60	25	55.6	22.2		UC211D1	
2	UCHB211-200D1											UC211-200D1	
2 1/16	UCHB211-201D1	4 31/32	6 7/32	9/32	1 1/2	3 47/64	2 3/8	31/32	2.189	0.874	Rp 1 1/4	UC211-201D1	HB211D1
2 1/8	UCHB211-202D1											UC211-202D1	
2 3/16	UCHB211-203D1											UC211-203D1	
60	UCHB212D1	142	173	9	42	102	60	28	65.1	25.4		UC212D1	
2 1/4	UCHB212-204D1											UC212-204D1	
2 5/16	UCHB212-205D1	5 19/32	6 13/16	11/32	1 21/32	4 1/64	2 3/8	1 3/32	2.563	1.000	Rp 1 1/4	UC212-205D1	HB212D1
2 3/8	UCHB212-206D1											UC212-206D1	
2 7/16	UCHB212-207D1											UC212-207D1	
65	UCHB213D1	166	200	9.5	44	117	70	32	65.1	25.4	Rp 1 1/2	UC213D1	HB213D1
2 1/2	UCHB213-208D1	6 17/32	7 7/8	3/8	1 23/32	4 39/64	2 3/4	1 1/4	2.563	1.000		UC213-208D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Nominal Designation of Thread	Nominal Dimensions mm		
	Major Diameter of Internal Thread	Minor Diameter of Internal Thread	Pitch Diameter
Rp 3/4 (PS 3/4)	26.4	24.1	25.2
Rp 1 (PS1)	33.2	30.2	31.7
Rp 1 1/4 (PS1 1/4)	41.9	38.9	40.4
Rp 1 1/2 (PS1 1/2)	47.8	44.8	46.3



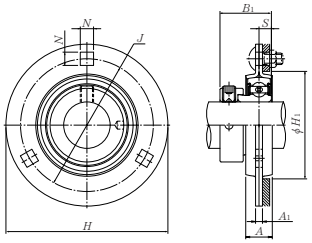
Units	Shaft Dia.
Metric	12 - 40 mm
Standard	½ - 1 9/16 in

ROUND FLANGE – 3 BOLT, SET SCREW, PRESSED STEEL, NARROW COLLAR

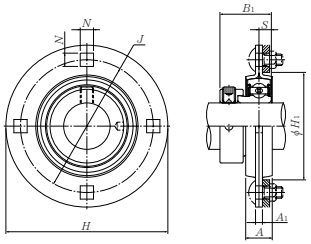
Shaft Dia.	Part Number	Nominal Dimensions								Bolt Size	Insert Number	Housing Number
		a	e	g	s	l	Bi	n	F min			
12	**ASPF201**	81	63	4.0	7	14	22	6	49	M6	**AS201**	PF203
½	**ASPF201-008**	3 3/16	2 15/32	.157	9/32	9/16	.866	.236	1 15/16	¼	**AS201-008**	
15	**ASPF202**	81	63	4.0	7	14	22	6	49	M6	**AS202**	PF203
9/16	**ASPF202-009**	3 3/16	2 15/32	.157	9/32	9/16	.866	.236	1 15/16	¼	**AS202-009**	
5/8	**ASPF202-010**										**AS202-010**	
17	**ASPF203**	81	63	4.0	7	14	22	6	49	M6	**AS203**	PF203
11/16	**ASPF203-011**	3 3/16	2 15/32	.157	9/32	9/16	.866	.236	1 15/16	¼	**AS203-011**	
20	**ASPF204**	90	71	4.0	9	16	25	7	56	M8	**AS204**	PF204
¾	**ASPF204-012**	3 17/32	2 25/32	.157	23/64	5/8	.984	.276	2 7/32	5/16	**AS204-012**	
25	**ASPF205**	95	76	4.0	9	18	27	7.5	60	M8	**AS205**	PF205
13/16	**ASPF205-013**	3¾	3	.157	23/64	23/32	1.063	.295	2⅜	5/16	**AS205-013**	
7/8	**ASPF205-014**										**AS205-014**	
15/16	**ASPF205-015**										**AS205-015**	
1	**ASPF205-100**										**AS205-100**	
30	**ASPF206**	113	90	5.2	11	18	29	8	71	M10	**AS206**	PF206
1 1/16	**ASPF206-101**	4 7/16	3 17/32	.205	7/16	23/32	1.142	.315	2 25/32	⅜	**AS206-101**	
1⅛	**ASPF206-102**										**AS206-102**	
1 3/16	**ASPF206-103**										**AS206-103**	
1¼	**ASPF206-104**										**AS206-104**	
35	**ASPF207**	122	100	5.2	11	20	34	8.5	81	M10	**AS207**	PF207
1¼	**ASPF207-104**	4 13/16	3 15/16	.205	7/16	25/32	1.339	.335	3 3/16	⅜	**AS207-104**	
1 5/16	**ASPF207-105**										**AS207-105**	
1⅜	**ASPF207-106**										**AS207-106**	
1 7/16	**ASPF207-107**										**AS207-107**	
40	**ASPF208**	148	119	6.8	14	21	38	9	91	M12	**AS208**	PF208
1½	**ASPF208-108**	5 13/16	4 11/16	.268	9/16	13/16	1.496	.354	3 9/16	½	**AS208-108**	
1 9/16	**ASPF208-109**										**AS208-109**	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat.

Units	Shaft Dia.
Metric	12 - 40 mm
Standard	½ - 1 9/16 in



AELPF201 – AELPF207

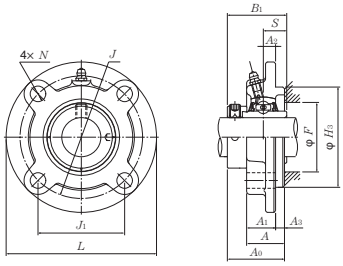


AELPF208

ROUND FLANGE – 3 BOLT, ECCENTRIC LOCK, PRESSED STEEL, NARROW COLLAR

Shaft Dia.	Part Number	Nominal Dimensions								Bolt Size	Insert Number	Housing Number
		H	J	A_1	N	A	B	S	H_1 min			
12	AELPF201W3	81	63.5	4	7.1	14	28.6	6.5	49	M6	AEL201W3	PF203
1/2	AELPF201-008W3	3 3/16	2 1/2	0.157	9/32	9/16	1.126	0.256	1 59/64	1/4	AEL201-008W3	
15	AELPF202W3	81	63.5	4	7.1	14	28.6	6.5	49	M6	AEL202W3	
9/16	AELPF202-009W3	3 3/16	2 1/2	0.157	9/32	9/16	1.126	0.256	1 59/64	1/4	AEL202-009W3	PF203
5/8	AELPF202-010W3										AEL202-010W3	
17	AELPF203W3	81	63.5	4	7.1	14	28.6	6.5	49	M6	AEL203W3	PF203
11/16	AELPF203-011W3	3 3/16	2 1/2	0.157	9/32	9/16	1.126	0.256	1 59/64	1/4	AEL203-011W3	
20	AELPF204W3	90	71.5	4	9.0	16	31.0	7.5	56	M8	AEL204W3	PF204
3/4	AELPF204-012W3	3 17/32	2 13/16	0.157	23/64	5/8	1.220	0.295	2 13/64	5/16	AEL204-012W3	
25	AELPF205W3	95	76	4	9.0	18	31.0	7.5	60	M8	AEL205W3	
13/16	AELPF205-013W3										AEL205-013W3	
7/8	AELPF205-014W3	3 3/4	2 63/64	0.157	23/64	23/32	1.220	0.295	2 23/64	5/16	AEL205-014W3	PF205
15/16	AELPF205-015W3										AEL205-015W3	
1	AELPF205-100W3										AEL205-100W3	
30	AELPF206W3	113	90.5	5.2	11.0	18	35.7	9	71	M10	AEL206W3	
1 1/16	AELPF206-101W3										AEL206-101W3	
1 1/8	AELPF206-102W3	4 7/16	3 9/16	0.205	7/16	23/32	1.406	0.354	2 51/64	3/8	AEL206-102W3	PF206
1 3/16	AELPF206-103W3										AEL206-103W3	
1 1/4	AELPF206-104W3										AEL206-104W3	
35	AELPF207W3	122	100	5.2	11.0	20	38.9	9.5	81	M10	AEL207W3	
1 1/4	AELPF207-104W3										AEL207-104W3	
1 5/16	AELPF207-105W3	4 13/16	3 15/16	0.205	7/16	25/32	1.531	0.374	3 3/16	3/8	AEL207-105W3	PF207
1 3/8	AELPF207-106W3										AEL207-106W3	
1 7/16	AELPF207-107W3										AEL207-107W3	
40	AELPF208W3	148	119	6.8	13.5	21	60.0	11	91	M12	AEL208W3	
1 1/2	AELPF208-108W3	5 13/16	4 11/16	0.268	17/32	13/16	1.720	0.433	3 37/64	1/2	AEL208-108W3	PF208
1 9/16	AELPF208-109W3										AEL208-109W3	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat. AELPF208 has four bolt holes. W3 suffix indicates set screw, cup point.



Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 2 in

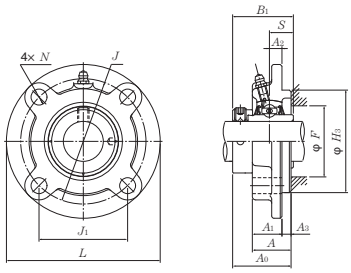
ROUND FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW, SPIGOT JOINT

Shaft Dia.	Part Number	Nominal Dimensions													Bolt Size	Insert Number	Housing Number
		L	J	J_1	A_2	N	A_3	A_1	A	H_3	A_0	B	S	F min			
20	**UELFC204D1W3**	100	78	55.2	10	12	5	20.5	25.5	62	41.6	43.7	17.1	35	M10	**UEL204D1W3**	FC204D1
¾	**UELFC204-012D1W3**	3 15/16	3 5/64	2 11/64	25/64	15/32	13/64	13/16	1	2.441	1 41/64	1.720	0.673	1 3/8	3/8	**UEL204-012D1W3**	
25	**UELFC205D1W3**	115	90	63.6	10	12	6	21	27	70	42.9	44.4	17.4	40	M10	**UEL205D1W3**	
13/16	**UELFC205-013D1W3**															**UEL205-013D1W3**	
7/8	**UELFC205-014D1W3**															**UEL205-014D1W3**	FC205D1
15/16	**UELFC205-015D1W3**	4 17/32	3 35/64	2½	25/64	15/32	15/64	13/16	1 1/16	2.756	1 11/16	1.748	0.687	1 9/16	3/8	**UEL205-015D1W3**	
1	**UELFC205-100D1W3**															**UEL205-100D1W3**	
30	**UELFC206D1W3**	125	100	70.7	10	12	8	23	31	80	48.1	48.4	18.2	47	M10	**UEL206D1W3**	
1 1/16	**UELFC206-110D1W3**															**UEL206-101D1W3**	
1⅛	**UELFC206-102D1W3**															**UEL206-102D1W3**	
1 3/16	**UELFC206-103D1W3**	4 29/32	3 15/16	2 25/32	25/64	15/32	5/16	29/32	1 7/32	3.150	1 57/64	1.906	0.719	1 27/32	3/8	**UEL206-103D1W3**	FC206D1
1¼	**UELFC206-104D1W3**															**UEL206-104D1W3**	
35	**UELFC207D1W3**	135	110	77.8	11	14	8	26	34	90	51.3	51.1	18.8	53	M12	**UEL207D1W3**	
1¼	**UELFC207-104D1W3**															**UEL207-104D1W3**	
1 5/16	**UELFC207-105D1W3**															**UEL207-105D1W3**	
1⅜	**UELFC207-106D1W3**	5 5/16	4 21/64	3 1/16	7/16	35/64	5/16	1 1/32	1 11/32	3.543	2 1/64	2.012	0.740	2 3/32	7/16	**UEL207-106D1W3**	FC207D1
1 7/16	**UELFC207-107D1W3**															**UEL207-107D1W3**	
40	**UELFC208D1W3**	145	120	84.9	11	14	10	26	36	100	55.9	56.3	21.4	59	M12	**UEL208D1W3**	
1 ½	**UELFC208-108D1W3**															**UEL208-108D1W3**	
1 9/16	**UELFC208-109D1W3**	5 23/32	4 23/32	3 11/32	7/16	35/64	25/64	1 1/32	1 27/64	3.937	2 13/64	2.217	0.843	2 5/16	7/16	**UEL208-109D1W3**	FC208D1
45	**UELFC209D1W3**	160	132	93.3	10	16	12	26	38	105	56.9	56.3	21.4	63	M14	**UEL209D1W3**	
1⅝	**UELFC209-110D1W3**															**UEL209-110D1W3**	
1 11/16	**UELFC209-111D1W3**	6 5/16	5 13/64	3 43/64	25/64	⅝	15/32	1 1/32	1½	4.134	2 15/64	2.217	0.843	2 15/32	½	**UEL209-111D1W3**	FC209D1
1¾	**UELFC209-112D1W3**															**UEL209-112D1W3**	
50	**UELFC210D1W3**	165	138	97.6	10	16	12	28	40	110	60.1	62.7	24.6	69	M14	**UEL210D1W3**	
1 13/16	**UELFC210-113D1W3**															**UEL210-113D1W3**	
1⅞	**UELFC210-114D1W3**															**UEL210-114D1W3**	
1 15/16	**UELFC210-115D1W3**	6½	5 7/16	3 27/32	25/64	⅝	15/32	1 3/32	1 37/64	4.331	2 23/64	2.469	0.969	2 23/32	½	**UEL210-115D1W3**	FC210D1
2	**UELFC210-200D1W3**															**UEL210-200D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.

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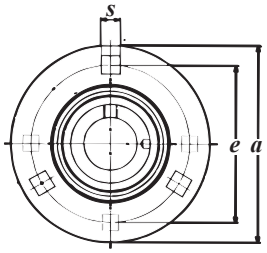
Units	Shaft Dia.
Metric	55 - 75 mm
Standard	2 - 3 in

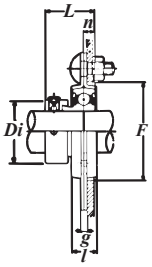


ROUND FLANGE – 4 BOLT, STANDARD DUTY, SET SCREW, SPIGOT JOINT (continued)

Shaft Dia.	Part Number	Nominal Dimensions													Bolt Size	Insert Number	Housing Number
		L	J	J_1	A_2	N	A_3	A_1	A	H_3	A_0	B	S	F min			
55	**UELFC211D1W3**	185	150	106.1	13	19	12	31	43	125	68.6	71.4	27.7	75	M16	**UEL211D1W3**	
2	**UELFC211-200D1W3**															**UEL211-200D1W3**	
2 1/16	**UELFC211-201D1W3**	7 9/32	5 29/32	4 11/64	33/64	3/4	15/32	1 7/32	1 11/16	4.921	2 45/64	2.811	1.093	2 15/16	5/8	**UEL211-201D1W3**	FC211D1
2 1/8	**UELFC211-202D1W3**															**UEL211-202D1W3**	
2 3/16	**UELFC211-203D1W3**															**UEL211-203D1W3**	
60	**UELFC212D1W3**	195	160	113.1	17	19	12	36	48	135	75.8	77.8	30.9	84	M16	**UEL212D1W3**	
2 1/4	**UELFC212-204D1W3**															**UEL212-204D1W3**	
2 5/16	**UELFC212-205D1W3**	7 11/16	6 19/64	4 29/64	43/64	3/4	15/32	1 13/32	1 57/64	5.315	2 63/64	3.063	1.219	3 5/16	5/8	**UEL212-205D1W3**	FC212D1
2 3/8	**UELFC212-206D1W3**															**UEL212-206D1W3**	
2 7/16	**UELFC212-207D1W3**															**UEL212-207D1W3**	
65	**UELFC213D1W3**	205	170	120.2	16	19	14	36	50	145	81.6	85.7	34.1	89	M16	**UEL213D1W3**	
2 1/2	**UELFC213-208D1W3**	8 1/16	6 11/16	4 47/64	5/8	3/4	35/64	1 13/32	1 31/32	5.709	3 7/32	3.374	1.344	3 1/2	5/8	**UEL213-208D1W3**	FC213D1
2 9/16	**UELFC213-209D1W3**															**UEL213-209D1W3**	
70	**UELFC214D1W3**	215	177	125.2	17	19	14	40	54	150	82.6	85.7	34.1	94	M16	**UEL214D1W3**	
2 5/8	**UELFC214-210D1W3**															**UEL214-210D1W3**	
2 11/16	**UELFC214-211D1W3**	8 15/32	6 31/32	4 59/64	43/64	3/4	35/64	1 9/16	2 1/8	5.906	3 1/4	3.374	1.344	3 45/64	5/8	**UEL214-211D1W3**	FC214D1
2 3/4	**UELFC214-212D1W3**															**UEL214-212D1W3**	
75	**UELFC215D1W3**	220	184	130.1	18	19	16	40	56	160	88.7	92.0	37.3	100	M16	**UEL215D1W3**	
2 13/16	**UELFC215-213D1W3**															**UEL215-213D1W3**	
2 7/8	**UELFC215-214D1W3**	8 21/32	7 1/4	5 1/8	45/64	3/4	5/8	1 9/16	2 13/64	6.299	3 31/64	3.622	1.469	3 15/16	5/8	**UEL215-214D1W3**	FC215D1
2 15/16	**UELFC215-215D1W3**															**UEL215-215D1W3**	
3	**UELFC215-300D1W3**															**UEL215-300D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.



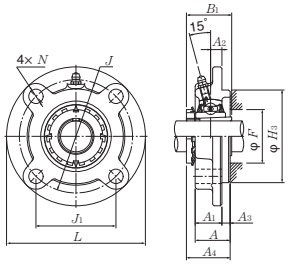


Units	Shaft Dia.
Metric	12 - 40 mm
Standard	½ - 1 9/16 in

ROUND FLANGE – 3 BOLT, SET SCREW, PRESSED STEEL

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number	Housing Number
		a	e	g	s	l	Di	L	n	F min			
12	**JELPF201**	81	63	4.0	7	14	29.0	28.6	6.5	49	M6	**JEL201**	PF203
½	**JELPF201-008**	3 3/16	2 15/32	.157	9/32	9/16	1.140	1.126	.256	1 15/16	¼	**JEL201-008**	
15	**JELPF202**	81	63	4.0	7	14	29.0	28.6	6.5	49	M6	**JEL202**	
9/16	**JELPF202-009**	3 3/16	2 15/32	.157	9/32	9/16	1.140	1.126	.256	1 15/16	¼	**JEL202-009**	PF203
5/8	**JELPF202-010**											**JEL202-010**	
17	**JELPF203**	81	63	4.0	7	14	29.0	28.6	6.5	49	M6	**JEL203**	PF203
11/16	**JELPF203-011**	3 3/16	2 15/32	.157	9/32	9/16	1.140	1.126	.256	1 15/16	¼	**JEL203-011**	
20	**JELPF204**	90	71	4.0	9	16	33.3	31.0	7.5	56	M8	**JEL204**	PF204
¾	**JELPF204-012**	3 17/32	2 25/32	.157	23/64	5/8	1.310	1.220	.295	2 7/32	5/16	**JEL204-012**	
25	**JELPF205**	95	76	4.0	9	18	38.1	31.0	7.5	60	M8	**JEL205**	
13/16	**JELPF205-013**											**JEL205-013**	
7/8	**JELPF205-014**	3¾	3	.157	23/64	23/32	1.500	1.220	.295	2⅜	5/16	**JEL205-014**	PF205
15/16	**JELPF205-015**											**JEL205-015**	
1	**JELPF205-100**											**JEL205-100**	
30	**JELPF206**	113	90	5.2	11	18	44.5	35.7	9	71	M10	**JEL206**	
1 1/16	**JELPF206-101**											**JEL206-101**	
1⅛	**JELPF206-102**	4 13/16	3 15/16	.205	7/16	25/32	2.190	1.531	.374	3 3/16	⅜	**JEL206-102**	PF206
1 3/16	**JELPF206-103**											**JEL206-103**	
1¼	**JELPF206-104**											**JEL206-104**	
35	**JELPF207**	122	100	5.2	11	20	55.6	38.9	9.5	81	M10	**JEL207**	
1¼	**JELPF207-104**											**JEL207-104**	
1 5/16	**JELPF207-105**	4 13/16	3 15/16	.205	7/16	25/32	2.190	1.531	.374	3 3/16	⅜	**JEL207-105**	PF207
1⅜	**JELPF207-106**											**JEL207-106**	
1 7/16	**JELPF207-107**											**JEL207-107**	
40	**JELPF208**	148	119	6.8	14	21	60.0	43.7	11	91	M12	**JEL208**	
1½	**JELPF208-108**	5 13/16	4 1/16	.268	9/16	13/16	2.360	1.720	.433	3 9/16	½	**JEL208-108**	PF208
1 9/16	**JELPF208-109**											**JEL208-109**	

Note: The permissable load only applies in applications where the load is stable and the speed is 2400 min^{-1} or less.
The mounting surface should be flat. JELPF208 has four bolt holes.



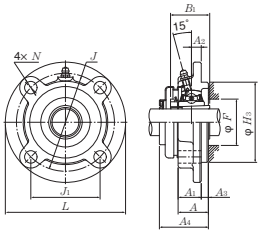
Units	Shaft Dia.
Metric	20 - 80 mm
Standard	¾ - 3 3⁄16 in

ROUND FLANGE – STANDARD DUTY, TAPERED BORE

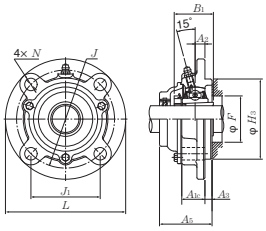
Shaft Dia.	Part Number	Nominal Dimensions													Bolt Size
		L	J	J_1	A_2	N	A_3	A_1	A_{1C}	A	H_3	A_0	B_1	F min.	
20	**UKFC205D1 ; H2305X**	115	90	63.6	10	12	6	21	22	27	70	35.5	35	30	M10
¾	**UKFC205D1 ; HE2305**	4 17⁄32	3 35⁄64	2½	25⁄64	15⁄32	15⁄64	13⁄16	⅞	1 1⁄16	2.756	1 25⁄64	1.378	13⁄16	⅜
25	**UKFC206D1 ; H2306X**	125	100	70.7	10	12	8	23	24.5	31	80	39	38	36	M10
⅞	**UKFC206D1 ; HS2306**	4 29⁄32	3 15⁄16	2 25⁄32	25⁄64	15⁄32	5⁄16	29⁄32	31⁄32	1 7⁄32	3.150	1 17⁄32	1.496	1 13⁄32	⅜
1	**UKFC206D1 ; HE2306X**														
30	**UKFC207D1 ; H2307X**	135	110	77.8	11	14	8	26	26	34	90	42.5	43	40	M12
1⅛	**UKFC207D1 ; HS2307**	5 5⁄16	4 21⁄64	3 1⁄16	7⁄16	35⁄64	5⁄16	1 1⁄32	1 1⁄32	1 11⁄32	3.543	1 43⁄64	1.693	1 9⁄16	7⁄16
35	**UKFC208D1 ; H2308X**	145	120	84.9	11	14	10	26	27.5	36	100	46.5	46	46	M12
1¼	**UKFC208D1 ; HE2308X**	5 23⁄32	4 23⁄32	3 11⁄32	7⁄16	35⁄64	25⁄64	1 1⁄32	15⁄64	1 27⁄64	3.937	1 53⁄64	1.811	1 13⁄16	7⁄16
1⅜	**UKFC208D1 ; HS2308X**														
40	**UKFC209D1 ; H2309X**	160	132	93.3	10	16	12	26	28	38	105	48.5	50	52	M14
1 7⁄16	**UKFC209D1 ; HA2309**														
1½	**UKFC209D1 ; HE2309X**	6 5⁄16	5 13⁄64	3 43⁄64	25⁄64	⅝	15⁄32	1 1⁄32	1 7⁄64	1½	4.134	1 29⁄32	1.969	2 1⁄16	½
1⅝	**UKFC209D1 ; HS2309X**														
45	**UKFC210D1 ; H2310X**	165	138	97.6	10	16	12	28	29	40	110	50	55	57	M14
1⅝	**UKFC210D1 ; HS2310**														
1 11⁄16	**UKFC210D1 ; HA2310**	6½	5 7⁄16	3 27⁄32	25⁄64	⅝	15⁄32	1 3⁄32	1 5⁄32	1 37⁄64	4.331	1 31⁄32	2.165	2¼	½
1¾	**UKFC210D1 ; HE2310X**														
50	**UKFC211D1 ; H2311X**	185	150	106.1	13	19	12	31	32.5	43	125	54.5	59	64	M16
1⅞	**UKFC211D1 ; HS2311**														
1 15⁄16	**UKFC211D1 ; HA2311**	7 9⁄32	5 29⁄32	4 11⁄64	33⁄64	¾	15⁄32	1 7⁄32	1 9⁄32	1 11⁄16	4.921	2 3⁄64	2.323	2 17⁄32	⅝
2	**UKFC211D1 ; HE2311XY**														
55	**UKFC212D1 ; H2312X**	195	160	113.1	17	19	12	36	38	48	135	61	62	69	M16
2⅛	**UKFC212D1 ; HS2312**	7 11⁄16	6 19⁄64	4 29⁄64	43⁄64	¾	15⁄32	1 13⁄32	1½	1 57⁄64	5.315	2 13⁄32	2.441	2 23⁄32	⅝
60	**UKFC213D1 ; H2313X**	205	170	120.2	16	19	14	36	38	50	145	64	65	74	M16
2 3⁄16	**UKFC213D1 ; HA2313**														
2¼	**UKFC213D1 ; HE2313X**	8 1⁄16	6 11⁄16	4 47⁄64	⅝	¾	35⁄64	1 13⁄32	1½	1 31⁄32	5.709	2 33⁄64	2.559	2 29⁄32	⅝
2⅜	**UKFC213D1 ; HS2313X**														
65	**UKFC215D1 ; H2315X**	220	184	130.1	18	19	16	40	43	56	160	71	73	84	M16
2 7⁄16	**UKFC215D1 ; HA2315**	8 21⁄32	7¼	5⅛	45⁄64	¾	⅝	1 9⁄16	1 11⁄16	2 13⁄64	6.299	2 51⁄64	2.874	3 5⁄16	⅝
2½	**UKFC215D1 ; HE2315X**														
70	**UKFC216 D1 ; H2316X**	240	200	141.4	18	23	16	42	43	58	170	73.5	78	90	M20
2 11⁄16	**UKFC216D1 ; HA2316**	9 7⁄16	7⅞	5 9⁄16	45⁄64	29⁄32	⅝	1 21⁄32	1 11⁄16	2 9⁄32	6.693	2 57⁄64	3.071	3 17⁄32	¾
2¾	**UKFC216D1 ; HE2316X**														
75	**UKFC217D1 ; H2317X**	250	208	147.1	18	23	18	45	45.5	63	180	77	82	95	M20
2 15⁄16	**UKFC217D1 ; HA2317X**	9 27⁄32	8 3⁄16	5 51⁄64	45⁄64	29⁄32	45⁄64	1 25⁄32	1 51⁄64	2 31⁄64	7.087	3 1⁄32	3.228	3¾	¾
3	**UKFC217D1 ; HE2317X**														
80	**UKFC218D1 ; H2318X**	265	220	155.6	22	23	18	50	50	68	190	81.5	86	102	M20
3 3⁄16	**UKFC218D1 ; HA2318X**	10 7⁄16	8 21⁄32	6⅛	55⁄64	29⁄32	45⁄64	1 31⁄32	1 31⁄32	2 43⁄64	7.480	3 13⁄64	3.386	4 1⁄32	¾

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.

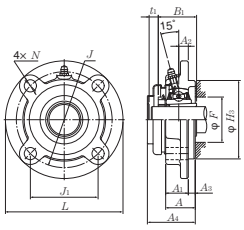
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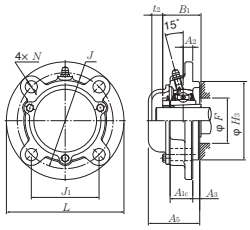
Pressed Steel Dust Cover – Open
S-UKFC…D1



Cast Steel Dust Cover – Open
C-UKFC…D1



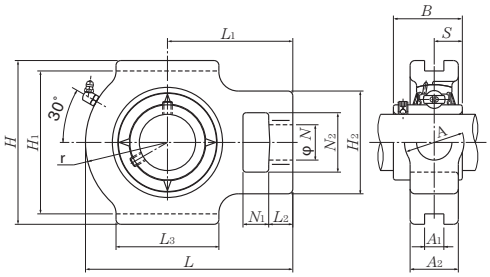
Pressed Steel Dust Cover – Closed
SM-UKFC…D1



Cast Steel Dust Cover – Closed
CM-UKFC…D1

ROUND FLANGE – STANDARD DUTY, TAPERED BORE (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions				Insert Number	Housing Number
		t_1	t_2	A_4	A_5		
S(SM)-UKFC205D1 ; H2305X S(SM)-UKFC205ED1 ; HE2305	C(CM)-UKFC205D1 ; H2305X C(CM)-UKFC205ED1 ; HE2305	7 9/32	11 7/16	44.5 1¾	51 2	UK205D1 ; H2305X UK205D1 ; HE2305	FC205D1
S(SM)-UKFC206D1 ; H2306X S(SM)-UKFC206SD1 ; HS2306 S(SM)-UKFC206ED1 ; HE2306X	C(CM)-UKFC206D1 ; H2306X C(CM)-UKFC206SD1 ; HS2306 C(CM)-UKFC206ED1 ; HE2306X	8 5/16	13 33/64	49 1 59/64	56 2 13/16	UK206D1 ; H2306X UK206D1 ; HS2306 UK206D1 ; HE2306X	FC206D1
S(SM)-UKFC207D1 ; H2307X S(SM)-UKFC207SD1 ; HS2307	C(CM)-UKFC207D1 ; H2307X C(CM)-UKFC207SD1 ; HS2307	10 25/64	12 15/32	55 2 11/64	59 2 21/64	UK207D1 ; H2307X UK207D1 ; HS2307	FC207D1
S(SM)-UKFC208D1 ; H2308X S(SM)-UKFC208ED1 ; HE2308X S(SM)-UKFC208SD1 ; HS2308X	C(CM)-UKFC208D1 ; H2308X C(CM)-UKFC208ED1 ; HE2308X C(CM)-UKFC208SD1 ; HS2308X	13 33/64	14 35/64	62 2 7/16	66 2 19/32	UK208D1 ; H2308X UK208D1 ; HE2308X UK208D1 ; HS2308X	FC208D1
S(SM)-UKFC209D1 ; H2309X S(SM)-UKFC209AD1 ; HA2309 S(SM)-UKFC209ED1 ; HE2309X S(SM)-UKFC209SD1 ; HS2309X	C(CM)-UKFC209D1 ; H2309X C(CM)-UKFC209AD1 ; HA2309 C(CM)-UKFC209ED1 ; HE2309X C(CM)-UKFC209SD1 ; HS2309X	12 15/32	16 5/8	63 2 31/64	70 2¾	UK209D1 ; H2309X UK209D1 ; HE2309 UK209D1 ; HS2309X UK209D1 ; HS2309X	FC209D1
S(SM)-UKFC210D1 ; H2310X S(SM)-UKFC210SD1 ; HS2310 S(SM)-UKFC210AD1 ; HA2310 S(SM)-UKFC210ED1 ; HE2310X	C(CM)-UKFC210D1 ; H2310X C(CM)-UKFC210SD1 ; HS2310 C(CM)-UKFC210AD1 ; HA2310 C(CM)-UKFC210ED1 ; HE2310X	13 33/64	17 21/32	65.5 2 37/64	72 2 53/64	UK210D1 ; H2310X UK210D1 ; HA2310 UK210D1 ; HA2310 UK210D1 ; HE2310X	FC210D1
S(SM)-UKFC211D1 ; H2311X S(SM)-UKFC211SD1 ; HS2311 S(SM)-UKFC211AD1 ; HA2311 S(SM)-UKFC211ED1 ; HE2311XY	C(CM)-UKFC211D1 ; H2311X C(CM)-UKFC211SD1 ; HS2311 C(CM)-UKFC211AD1 ; HA2311 C(CM)-UKFC211ED1 ; HE2311XY	14 35/64	15 1 3/32	71 2 51/64	75 2 61/64	UK211D1 ; H2311X UK211D1 ; HS2311 UK211D1 ; HA2311 UK211D1 ; HE2311XY	FC211D1
S(SM)-UKFC212D1 ; H2312X S(SM)-UKFC212SD1 ; HS2312	C(CM)-UKFC212D1 ; H2312X C(CM)-UKFC212SD1 ; HS2312	16 5/8	20 25/32	80 3 5/32	86 3 25/64	UK212D1 ; H2312X UK212D1 ; HS2312	FC212D1
S(SM)-UKFC213D1 ; H2313X S(SM)-UKFC213AD1 ; HA2313 S(SM)-UKFC213ED1 ; HE2313X S(SM)-UKFC213SD1 ; HS2313X	C(CM)-UKFC213D1 ; H2313X C(CM)-UKFC213AD1 ; HA2313 C(CM)-UKFC213ED1 ; HE2313X C(CM)-UKFC213SD1 ; HS2313X	17 21/32	20 25/32	83.5 3 3/32	90 3 35/64	UK213D1 ; H2313X UK213D1 ; HA2313 UK213D1 ; HE2313X UK213D1 ; HS2313X	FC213D1
–	C(CM)-UKFC215D1 ; H2315X C(CM)-UKFC215AD1 ; HA2315 C(CM)-UKFC215ED1 ; HE2315X	–	25 63/64	–	102 4 1/64	UK215D1 ; H2315X UK215D1 ; HA2315 UK215D1 ; HE2315X	FC215D1
–	C(CM)-UKFC216D1 ; H2316X C(CM)-UKFC216AD1 ; HA2316 C(CM)-UKFC216ED1 ; HE2316X	–	26 1 1/32	–	106 4 11/64	UK216D1 ; H2316X UK216D1 ; HA2316 UK216D1 ; HE2316X	FC216D1
–	C(CM)-UKFC217D1 ; H2317X C(CM)-UKFC217AD1 ; HA2317X C(CM)-UKFC217ED1 ; HE2317X	–	31 1 7/32	–	114 4 31/64	UK217D1 ; H2317X UK217D1 ; HA2317X UK217D1 ; HE2317X	FC217D1
–	C(CM)-UKFC218D1 ; H2318X C(CM)-UKFC218AD1 ; HA2318X	–	34 1 11/32	–	122 4 51/64	UK218D1 ; H2318X UK218D1 ; HA2318X	FC218D1



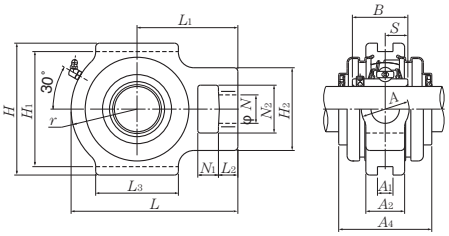
Units	Shaft Dia.
Metric	12 - 45 mm
Standard	½ - 1¾ in

TAKE-UP UNIT – STANDARD DUTY, SET SCREW

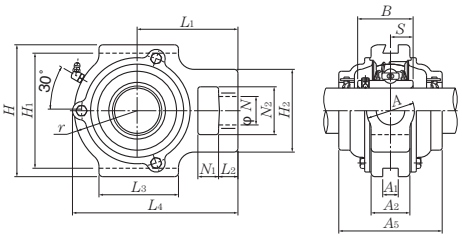
Shaft Dia.	Part Number	Nominal Dimensions															
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B	S
12	UCT201D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
½	UCT201-008D1	5/8	15/32	2	1¼	¾	2	0.472	2 63/64	3½	3 1/16	13/16	1¼	1 5/16	2 13/32	1.221	0.500
15	UCT202D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
9/16	UCT202-009D1	5/8	15/32	2	1¼	¾	2	0.472	2 63/64	3½	3 1/16	13/16	1¼	1 5/16	2 13/32	1.221	0.500
5/8	UCT202-010D1																
17	UCT203D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
11/16	UCT203-011D1	5/8	15/32	2	1¼	¾	2	0.472	2 63/64	3½	3 1/16	13/16	1¼	1 5/16	2 13/32	1.221	0.500
20	UCT204D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
¾	UCT204-012D1	5/8	15/32	2	1¼	¾	2	0.472	2 63/64	3½	3 1/16	13/16	1¼	1 5/16	2 13/32	1.221	0.500
25	UCT205D1	16	12	51	32	19	51	12	76	89	97	24	32	35	62	34.1	14.3
13/16	UCT205-013D1																
7/8	UCT205-014D1	5/8	15/32	2	1¼	¾	2	0.472	2 63/64	3½	3 13/16	15/16	1¼	1⅜	2 7/16	1.343	0.563
15/16	UCT205-015D1																
1	UCT205-100D1																
30	UCT206D1	16	12	56	37	22	57	12	89	102	113	28	37	43	70	38.1	15.9
1 1/16	UCT206-101D1																
1⅛	UCT206-102D1	5/8	15/32	2 7/32	1 15/32	7/8	2¼	0.472	3½	4 1/32	4 7/16	1 3/32	1 15/32	1 11/16	2¾	1.500	0.626
1 3/16	UCT206-103D1																
1¼	UCT206-104D1																
35	UCT207D1	16	15	64	37	22	64	12	89	102	129	30	37	51	78	42.9	17.5
1¼	UCT207-104D1																
1 5/16	UCT207-105D1	5/8	19/32	2 17/32	1 15/32	7/8	2 17/32	0.472	3½	4 1/32	5 3/32	1 3/16	1 15/32	2	3 1/16	1.689	0.689
1⅜	UCT207-106D1																
1 7/16	UCT207-107D1																
40	UCT208D1	19	18	83	49	29	83	16	102	114	144	33	49	56	88	49.2	19.0
1½	UCT208-108D1	¾	23/32	3 3/32	1 15/16	1 5/32	3 3/32	0.630	4 1/64	4½	5 21/32	1 5/16	1 15/16	2 7/32	3 15/32	1.937	0.748
1 9/16	UCT208-109D1																
45	UCT209D1	19	18	83	49	29	83	16	102	117	145	35	49	57	88	49.2	19.0
1⅝	UCT209-110D1																
1 11/16	UCT209-111D1	¾	23/32	3 3/32	1 15/16	1 5/32	3 3/32	0.630	4 1/64	4 19/32	5 23/32	1⅜	1 15/16	2¼	3 15/32	1.937	0.748
1¾	UCT209-112D1																

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

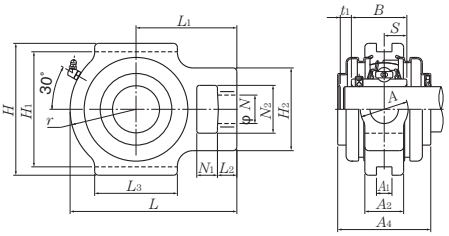
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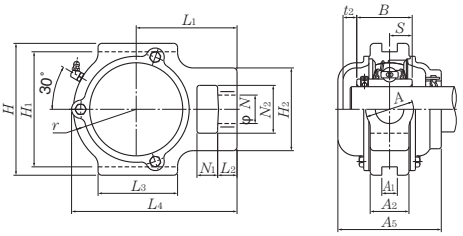
Pressed Steel Dust Cover – Open
S-UCT…D1



Cast Steel Dust Cover – Open
C-UCT…D1



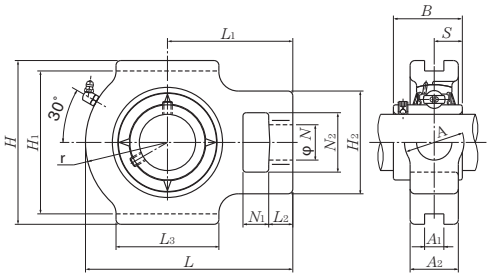
Pressed Steel Dust Cover – Closed
SM-UCT…D1



Cast Steel Dust Cover – Closed
CM-UCT…D1

TAKE-UP UNIT – STANDARD DUTY, SET SCREW (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions					Insert Number	Housing Number	Part Number
		t_1	t_2	A_4	L_4	A_5			
S(SM)-UCT201D1	C(CM)-UCT201D1	5	8	51	97	62	UC201D1	T204D1	UCT201D1
S(SM)-UCT201-008D1	C(CM)-UCT201-008D1	13/64	5/16	2	3 13/16	2 7/16	UC201-008D1		UCT201-008D1
S(SM)-UCT202D1	C(CM)-UCT202D1	5	8	51	97	62	UC202D1	T204D1	UCT202D1
S(SM)-UCT202-009D1	C(CM)-UCT202-009D1	13/64	5/16	2	3 13/16	2 7/16	UC202-009D1		UCT202-009D1
S(SM)-UCT202-010D1	C(CM)-UCT202-010D1						UC202-010D1		UCT202-010D1
S(SM)-UCT203D1	C(CM)-UCT203D1	5	8	51	97	62	UC203D1	T204D1	UCT203D1
S(SM)-UCT203-011D1	C(CM)-UCT203-011D1	13/64	5/16	2	3 13/16	2 7/16	UC203-011D1		UCT203-011D1
S(SM)-UCT204D1	C(CM)-UCT204D1	5	8	51	97	62	UC204D1	T204D1	UCT204D1
S(SM)-UCT204-012D1	C(CM)-UCT204-012D1	13/64	5/16	2	3 13/16	2 7/16	UC204-012D1		UCT204-012D1
S(SM)-UCT205D1	C(CM)-UCT205D1	7	11	57	100.5	70	UC205D1	T205D1	UCT205D1
S(SM)-UCT205-013D1	C(CM)-UCT205-013D1						UC205-013D1		UCT205-013D1
S(SM)-UCT205-014D1	C(CM)-UCT205-014D1	9/32	7/16	2 1/4	3 31/32	2 3/4	UC205-014D1		UCT205-014D1
S(SM)-UCT205-015D1	C(CM)-UCT205-015D1						UC205-015D1		UCT205-015D1
S(SM)-UCT205-100D1	C(CM)-UCT205-100D1						UC205-100D1		UCT205-100D1
S(SM)-UCT206D1	C(CM)-UCT206D1	7	11	62	113.5	75	UC206D1	T206D1	UCT206D1
S(SM)-UCT206-101D1	C(CM)-UCT206-101D1						UC206-101D1		UCT206-101D1
S(SM)-UCT206-102D1	C(CM)-UCT206-102D1	9/32	7/16	2 7/16	4 15/32	2 15/16	UC206-102D1		UCT206-102D1
S(SM)-UCT206-103D1	C(CM)-UCT206-103D1						UC206-103D1		UCT206-103D1
S(SM)-UCT206-104D1	C(CM)-UCT206-104D1						UC206-104D1		UCT206-104D1
S(SM)-UCT207D1	C(CM)-UCT207D1	8	10	72	129	80	UC207D1	T207D1	UCT207D1
S(SM)-UCT207-104D1	C(CM)-UCT207-104D1						UC207-104D1		UCT207-104D1
S(SM)-UCT207-105D1	C(CM)-UCT207-105D1	5/16	25/64	2 27/32	5 3/32	3 5/32	UC207-105D1		UCT207-105D1
S(SM)-UCT207-106D1	C(CM)-UCT207-106D1						UC207-106D1		UCT207-106D1
S(SM)-UCT207-107D1	C(CM)-UCT207-107D1						UC207-107D1		UCT207-107D1
S(SM)-UCT208D1	C(CM)-UCT208D1	8	9	82	144	90	UC208D1	T208D1	UCT208D1
S(SM)-UCT208-108D1	C(CM)-UCT208-108D1	5/16	23/64	3 7/32	5 21/32	3 17/32	UC208-108D1		UCT208-108D1
S(SM)-UCT208-109D1	C(CM)-UCT208-109D1						UC208-109D1		UCT208-109D1
S(SM)-UCT209D1	C(CM)-UCT209D1	8	12	82	145.5	95	UC209D1	T209D1	UCT209D1
S(SM)-UCT209-110D1	C(CM)-UCT209-110D1						UC209-110D1		UCT209-110D1
S(SM)-UCT209-111D1	C(CM)-UCT209-111D1	5/16	15/32	3 7/32	5 23/32	3 3/4	UC209-111D1		UCT209-111D1
S(SM)-UCT209-112D1	C(CM)-UCT209-112D1						UC209-112D1		UCT209-112D1



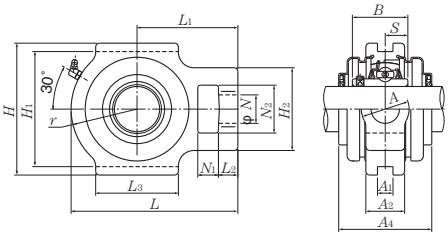
Units	Shaft Dia.
Metric	50 - 85 mm
Standard	1 13/16 - 3 7/16 in

TAKE-UP UNIT – STANDARD DUTY, SET SCREW

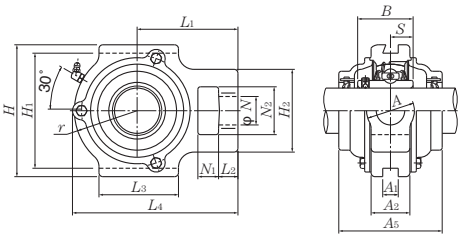
Shaft Dia.	Part Number	Nominal Dimensions															
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B	S
50	**UCT210D1**	19	18	83	49	29	86	16	102	117	151	37	49	59	92	51.6	19.0
1 13/16	**UCT210-113D1**																
1 7/8	**UCT210-114D1**	3/4	23/32	3 9/32	1 15/16	1 5/32	3 3/8	0.630	4 1/64	4 19/32	5 15/16	1 15/32	1 15/16	2 5/16	3 5/8	2.032	0.748
1 15/16	**UCT210-115D1**																
2	**UCT210-200D1**																
55	**UCT211D1**	25	21	102	64	35	95	22	130	146	171	38	64	65	106	55.6	22.2
2	**UCT211-200D1**																
2 1/16	**UCT211-201D1**	31/32	13/16	4 1/32	2 17/32	1 3/8	3 3/4	0.866	5 1/8	5 3/4	6 23/32	1 1/2	2 17/32	2 9/16	4 3/16	2.189	0.874
2 1/8	**UCT211-202D1**																
2 3/16	**UCT211-203D1**																
60	**UCT212D1**	32	21	102	64	35	102	22	130	146	194	42	64	75	119	65.1	25.4
2 1/4	**UCT212-204D1**																
2 5/16	**UCT212-205D1**	1 1/4	13/16	4 1/32	2 17/32	1 3/8	4 1/32	0.866	5 1/8	5 3/4	7 5/8	1 21/32	2 17/32	2 15/16	4 11/16	2.563	1.000
2 3/8	**UCT212-206D1**																
2 7/16	**UCT212-207D1**																
65	**UCT213D1**	32	23	111	70	41	121	26	151	167	224	44	70	87	137	65.1	25.4
2 1/2	**UCT213-208D1**	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 9/16	8 13/16	1 23/32	2 3/4	3 7/16	5 13/32	2.563	1.000
2 9/16	**UCT213-209D1**																
70	**UCT214D1**	32	23	111	70	41	121	26	151	167	224	46	70	87	137	74.6	30.2
2 5/8	**UCT214-210D1**																
2 11/16	**UCT214-211D1**	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 9/16	8 13/16	1 13/16	2 3/4	3 7/16	5 13/32	2.937	1.189
2 3/4	**UCT214-212D1**																
75	**UCT215D1**	32	23	111	70	41	121	26	151	167	232	48	70	92	140	77.8	33.3
2 13/16	**UCT215-213D1**																
2 7/8	**UCT215-214D1**	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 9/16	9 1/8	1 7/8	2 3/4	3 5/8	5 1/2	3.063	1.311
2 15/16	**UCT215-215D1**																
3	**UCT215-300D1**																
80	**UCT216D1**	32	23	111	70	41	121	26	165	184	235	51	70	95	140	82.6	33.3
3 1/16	**UCT216-301D1**																
3 1/8	**UCT216-302D1**	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	6 1/2	7 1/4	9 1/4	2	2 3/4	3 3/4	5 1/2	3.252	1.311
3 3/16	**UCT216-303D1**																
85	**UCT217D1**	38	31	124	73	48	157	30	173	198	260	54	73	98	162	85.7	34.1
3 1/4	**UCT217-304D1**																
3 5/16	**UCT217-305D1**	1 1/2	1 7/32	4 7/8	2 7/8	1 7/8	6 3/16	1.181	6 13/16	7 25/32	10 1/4	2 1/8	2 7/8	3 27/32	6 3/8	3.374	1.343
3 7/16	**UCT217-307D1**																

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

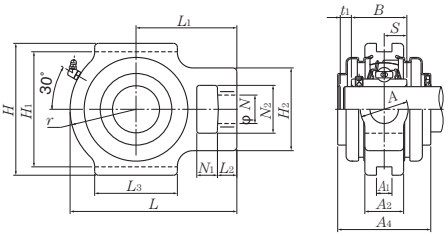
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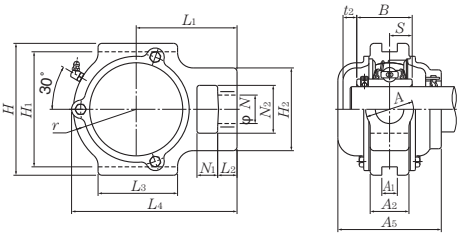
Pressed Steel Dust Cover – Open
S-UCT…D1



Cast Steel Dust Cover – Open
C-UCT…D1



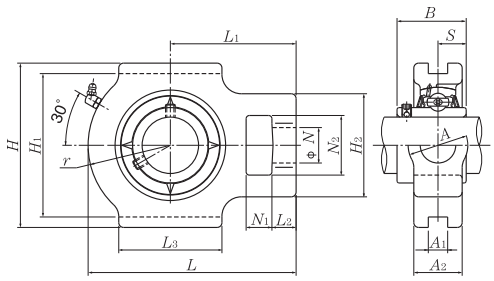
Pressed Steel Dust Cover – Closed
SM-UCT…D1



Cast Steel Dust Cover – Closed
CM-UCT…D1

TAKE-UP UNIT – STANDARD DUTY, SET SCREW (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions					Insert Number	Housing Number	Part Number
		t_1	t_2	A_4	L_4	A_5			
S(SM)-UCT210D1	C(CM)-UCT210D1	8	12	87	152	100	UC210D1		UCT210D1
S(SM)-UCT210-113D1	C(CM)-UCT210-113D1						UC210-113D1		UCT210-113D1
S(SM)-UCT210-114D1	C(CM)-UCT210-114D1	5/16	15/32	3 7/16	5 31/32	3 15/16	UC210-114D1	T210D1	UCT210-114D1
S(SM)-UCT210-115D1	C(CM)-UCT210-115D1						UC210-115D1		UCT210-115D1
S(SM)-UCT210-200D1	C(CM)-UCT210-200D1						UC210-200D1		UCT210-200D1
S(SM)-UCT211D1	C(CM)-UCT211D1	10	11	92	171.5	100	UC211D1		UCT211D1
S(SM)-UCT211-200D1	C(CM)-UCT211-200D1						UC211-200D1		UCT211-200D1
S(SM)-UCT211-201D1	C(CM)-UCT211-201D1	25/64	7/16	3 5/8	6 3/4	3 15/16	UC211-201D1	T211D1	UCT211-201D1
S(SM)-UCT211-202D1	C(CM)-UCT211-202D1						UC211-202D1		UCT211-202D1
S(SM)-UCT211-203D1	C(CM)-UCT211-203D1						UC211-203D1		UCT211-203D1
S(SM)-UCT212D1	C(CM)-UCT212D1	8	12	102	194	115	UC212D1		UCT212D1
S(SM)-UCT212-204D1	C(CM)-UCT212-204D1						UC212-204D1		UCT212-204D1
S(SM)-UCT212-205D1	C(CM)-UCT212-205D1	5/16	15/32	4 1/32	7 7/8	4 17/32	UC212-205D1	T212D1	UCT212-205D1
S(SM)-UCT212-206D1	C(CM)-UCT212-206D1						UC212-206D1		UCT212-206D1
S(SM)-UCT212-207D1	C(CM)-UCT212-207D1						UC212-207D1		UCT212-207D1
S(SM)-UCT213D1	C(CM)-UCT213D1	11	15	107	224	120	UC213D1		UCT213D1
S(SM)-UCT213-208D1	C(CM)-UCT213-208D1	7/16	19/32	4 7/32	8 13/16	4 23/32	UC213-208D1	T213D1	UCT213-208D1
S(SM)-UCT213-209D1	C(CM)-UCT213-209D1						UC213-209D1		UCT213-209D1
–	C(CM)-UCT214D1	–	17	–	224	135	UC214D1	T214D1	UCT214D1
	C(CM)-UCT214-210D1						UC214-210D1		UCT214-210D1
	C(CM)-UCT214-211D1		21/32		8 13/16	5 5/16	UC214-211D1		UCT214-211D1
	C(CM)-UCT214-212D1						UC214-212D1		UCT214-212D1
–	C(CM)-UCT215D1	–	17	–	232	135	UC215D1	T215D1	UCT215D1
	C(CM)-UCT215-213D1						UC215-213D1		UCT215-213D1
	C(CM)-UCT215-214D1		21/32		9 1/8	5 5/16	UC215-214D1		UCT215-214D1
	C(CM)-UCT215-215D1						UC215-215D1		UCT215-215D1
	C(CM)-UCT215-300D1						UC215-300D1		UCT215-300D1
–	C(CM)-UCT216D1	–	17	–	235	145	UC216D1	T216D1	UCT216D1
	C(CM)-UCT216-301D1						UC216-301D1		UCT216-301D1
	C(CM)-UCT216-302D1		21/32		9 1/4	5 23/32	UC216-302D1		UCT216-302D1
	C(CM)-UCT216-303D1						UC216-303D1		UCT216-303D1
–	C(CM)-UCT217D1	–	19	–	260	155	UC217D1	T217D1	UCT217D1
	C(CM)-UCT217-304D1						UC217-304D1		UCT217-304D1
	C(CM)-UCT217-305D1		3/4		10 1/4	6 3/32	UC217-305D1		UCT217-305D1
	C(CM)-UCT217-307D1						UC217-307D1		UCT217-307D1



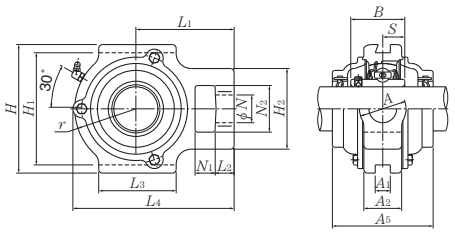
Units	Shaft Dia.
Metric	25 - 65 mm
Standard	13/16 - 2 9/16 in

TAKE-UP UNIT – HEAVY DUTY, SET SCREW

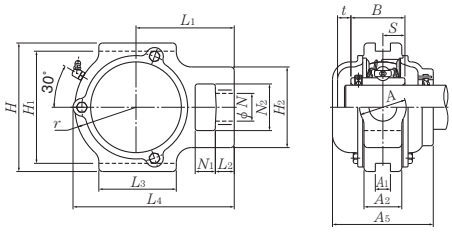
Shaft Dia.	Part Number	Nominal Dimensions															
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B	S
25	**UCT305D1**	16	14	62	36	26	65	12	80	89	122	26	36	46	76	38	15
13/16	**UCT305-013D1**																
7/8	**UCT305-014D1**																
15/16	**UCT305-015D1**	5/8	9/16	2 7/16	1 13/32	1 1/32	2 9/16	0.472	3 5/32	3 1/2	4 13/16	1 1/32	1 13/32	1 13/16	3	1.496	0.591
1	**UCT305-100D1**																
30	**UCT306D1**	18	16	70	41	28	74	16	90	100	137	28	41	52	85	43	17
1 1/16	**UCT306-101D1**																
1 1/8	**UCT306-102D1**	23/32	5/8	2 3/4	1 5/8	1 3/32	2 29/32	0.630	3 35/64	3 15/16	5 13/32	1 3/32	1 5/8	2 1/16	3 11/32	1.693	0.669
1 3/16	**UCT306-103D1**																
35	**UCT307D1**	20	17	75	45	30	80	16	100	111	150	32	45	56	94	48	19
1 1/4	**UCT307-104D1**																
1 5/16	**UCT307-105D1**																
1 3/8	**UCT307-106D1**	25/32	21/32	2 15/16	1 25/32	1 3/16	3 5/32	0.630	3 15/16	4 3/8	5 29/32	1 1/4	1 25/32	2 7/32	3 11/16	1.890	0.748
1 7/16	**UCT307-107D1**																
40	**UCT308D1**	22	19	83	50	32	89	18	112	124	162	34	50	62	100	52	19
1 1/2	**UCT308-108D1**																
1 9/16	**UCT308-109D1**	7/8	3/4	3 9/32	1 31/32	1 1/4	3 1/2	0.709	4 13/32	4 7/8	6 3/8	1 11/32	1 31/32	2 7/16	3 15/16	2.047	0.748
45	**UCT309D1**	24	20	90	55	34	97	18	125	138	178	38	55	68	110	57	22
1 5/8	**UCT309-110D1**																
1 11/16	**UCT309-111D1**	15/16	25/32	3 17/32	2 5/32	1 11/32	3 13/16	0.709	4 59/64	5 7/16	7	1 1/2	2 5/32	2 11/16	4 11/32	2.244	0.866
1 3/4	**UCT309-112D1**																
50	**UCT310D1**	27	22	98	61	37	106	20	140	151	192	40	61	74	118	61	22
1 13/16	**UCT310-113D1**																
1 7/8	**UCT310-114D1**	1 1/16	7/8	3 27/32	2 13/32	1 15/32	4 3/16	0.787	5 33/64	5 15/16	7 9/16	1 9/16	2 13/32	2 29/32	4 21/32	2.402	0.866
1 15/16	**UCT310-115D1**																
55	**UCT311D1**	29	23	105	66	39	115	22	150	163	207	44	66	80	127	66	25
2	**UCT311-200D1**																
2 1/16	**UCT311-201D1**																
2 1/8	**UCT311-202D1**	1 5/32	29/32	4 1/8	2 19/32	1 17/32	4 17/32	0.866	5 29/32	6 13/32	8 5/32	1 23/32	2 19/32	3 5/32	5	2.598	0.984
2 3/16	**UCT311-203D1**																
60	**UCT312D1**	31	25	113	71	41	123	22	160	178	220	46	71	85	135	71	26
2 1/4	**UCT312-204D1**																
2 5/16	**UCT312-205D1**																
2 3/8	**UCT312-206D1**	1 7/32	31/32	4 7/16	2 25/32	1 5/8	4 27/32	0.866	6 19/64	7	8 21/32	1 13/16	2 25/32	3 11/32	5 5/16	2.795	1.024
2 7/16	**UCT312-207D1**																
65	**UCT313D1**	32	27	116	70	43	134	26	170	190	238	50	80	92	146	75	30
2 1/2	**UCT313-208D1**																
2 9/16	**UCT313-209D1**	1 1/4	1 1/16	4 9/16	2 3/4	1 11/16	5 9/32	1.024	6 11/16	7 15/32	9 3/8	1 31/32	3 5/32	3 5/8	5 3/4	2.953	1.181

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Continued next page …



Cast Steel Dust Cover – Open
C-UCT…D1

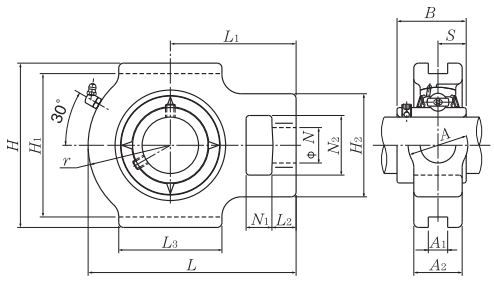


Cast Steel Dust Cover – Closed
CM-UCT…D1

TAKE-UP UNIT – HEAVY DUTY, SET SCREW (continued)

Part Number Cast Steel Dust Cover	Nominal Dimensions			Insert Number	Housing Number	Part Number
	t	L_4	A_5			
C(CM)-UCT305D1	12	122	80	UC305D1		UCT305D1
C(CM)-UCT305-013D1				UC305-013D1		UCT305-013D1
C(CM)-UCT305-014D1	15/32	4 13/16	3 5/32	UC305-014D1	T305D1	UCT305-014D1
C(CM)-UCT305-015D1				UC305-015D1		UCT305-015D1
C(CM)-UCT305-100D1				UC305-100D1		UCT305-100D1
C(CM)-UCT306D1	11	139	85	UC306D1		UCT306D1
C(CM)-UCT306-101D1				UC306-101D1	T306D1	UCT306-101D1
C(CM)-UCT306-102D1	7/16	5 31/32	3 11/32	UC306-102D1		UCT306-102D1
C(CM)-UCT306-103D1				UC306-103D1		UCT306-103D1
C(CM)-UCT307D1	13	152	95	UC307D1		UCT307D1
C(CM)-UCT307-104D1				UC307-104D1		UCT307-104D1
C(CM)-UCT307-105D1	33/64	5 31/32	3 3/4	UC307-105D1	T307D1	UCT307-105D1
C(CM)-UCT307-106D1				UC307-106D1		UCT307-106D1
C(CM)-UCT307-107D1				UC307-107D1		UCT307-107D1
C(CM)-UCT308D1	13	164	105	UC308D1		UCT308D1
C(CM)-UCT308-108D1	33/64	6 15/32	4 1/8	UC308-108D1	T308D1	UCT308-108D1
C(CM)-UCT308-109D1				UC308-109D1		UCT308-109D1
C(CM)-UCT309D1	14	181	110	UC309D1		UCT309D1
C(CM)-UCT309-110D1				UC309-110D1	T309D1	UCT309-110D1
C(CM)-UCT309-111D1	35/64	7 1/8	4 11/32	UC309-111D1		UCT309-111D1
C(CM)-UCT309-112D1				UC309-112D1		UCT309-112D1
C(CM)-UCT310D1	15	197	120	UC310D1		UCT310D1
C(CM)-UCT310-113D1				UC310-113D1	T310D1	UCT310-113D1
C(CM)-UCT310-114D1	19/32	7 3/4	4 23/32	UC310-114D1		UCT310-114D1
C(CM)-UCT310-115D1				UC310-115D1		UCT310-115D1
C(CM)-UCT311D1	15	211	125	UC311D1		UCT311D1
C(CM)-UCT311-200D1				UC311-200D1		UCT311-200D1
C(CM)-UCT311-201D1	19/32	8 5/16	4 29/32	UC311-201D1	T311D1	UCT311-201D1
C(CM)-UCT311-202D1				UC311-202D1		UCT311-202D1
C(CM)-UCT311-203D1				UC311-203D1		UCT311-203D1
C(CM)-UCT312D1	16	227	135	UC312D1		UCT312D1
C(CM)-UCT312-204D1				UC312-204D1		UCT312-204D1
C(CM)-UCT312-205D1	5/8	8 15/16	5 5/16	UC312-205D1	T312D1	UCT312-205D1
C(CM)-UCT312-206D1				UC312-206D1		UCT312-206D1
C(CM)-UCT312-207D1				UC312-207D1		UCT312-207D1
C(CM)-UCT313D1	19	244	140	UC313D1		UCT313D1
C(CM)-UCT313-208D1	3/4	9 19/32	5 1/2	UC313-208D1	T313D1	UCT313-208D1
C(CM)-UCT313-209D1				UC313-209D1		UCT313-209D1

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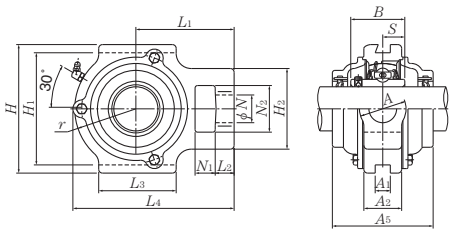
Units	Shaft Dia.
Metric	70 - 140 mm
Standard	2¾ - 4 in

TAKE-UP UNIT – HEAVY DUTY, SET SCREW

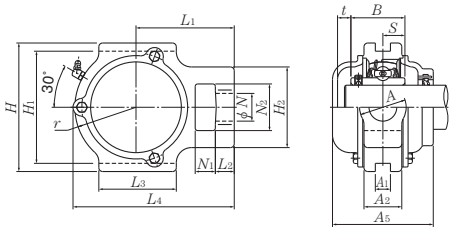
Shaft Dia.	Part Number	Nominal Dimensions															
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B	S
70	**UCT314D1**	36	27	130	85	46	140	26	180	202	252	52	90	97	155	78	33
2⅝	**UCT314-210D1**																
2 11/16	**UCT314-211D1**	1 13/32	1 1/16	5 1/8	3 11/32	1 13/16	5 1/2	1.024	7 3/32	7 15/16	9 29/32	2 1/16	3 17/32	3 13/16	6 3/32	3.071	1.299
2¾	**UCT314-212D1**																
75	**UCT315D1**	36	27	132	85	46	150	26	192	216	262	55	90	102	160	82	32
2 13/16	**UCT315-213D1**																
2⅞	**UCT315-214D1**	1 13/32	1 1/16	5 3/16	3 11/32	1 13/16	5 29/32	1.024	7 9/16	8 1/2	10 5/16	2 5/32	3 17/32	4 1/32	6 5/16	3.228	1.260
2 15/16	**UCT315-215D1**																
3	**UCT315-300D1**																
80	**UCT316D1**	42	30	150	98	53	160	30	204	230	282	60	102	108	174	86	34
3 1/16	**UCT316-301D1**																
3⅛	**UCT316-302D1**	1 21/32	1 3/16	5 29/32	3 27/32	2 3/32	6 5/16	1.181	8 1/32	9 1/16	11 3/32	2⅜	4 1/32	4¼	6 27/32	3.386	1.339
3 3/16	**UCT316-303D1**																
85	**UCT317D1**	42	32	152	98	53	170	32	214	240	298	64	102	115	183	96	40
3¼	**UCT317-304D1**																
3 5/16	**UCT317-305D1**	1 21/32	1¼	5 31/32	3 27/32	2 3/32	6 11/16	1.260	8 27/64	9 7/16	11 23/32	2 17/32	4 1/32	4 17/32	7 1/32	3.780	1.575
3 7/16	**UCT317-307D1**																
90	**UCT318D1**	46	32	160	106	57	175	32	228	255	312	66	110	120	192	96	40
3 7/16	**UCT318-307D1**	1 13/16	1¼	6 5/16	4 3/16	2¼	6⅞	1.260	8 31/32	10 1/32	12 9/32	2 19/32	4 11/32	4 23/32	7 9/16	3.780	1.575
3½	**UCT318-308D1**																
95	**UCT319D1**	46	33	165	106	57	180	35	240	270	322	72	110	125	197	103	41
3⅜	**UCT319-310D1**																
3 11/16	**UCT319-311D1**	1 13/16	1 5/16	6½	4 3/16	2¼	7 3/32	1.378	9 29/64	10⅜	12 11/16	2 27/32	4 11/32	4 29/32	7¾	4.055	1.614
3¾	**UCT319-312D1**																
100	**UCT320D1**	48	34	175	115	59	200	35	260	290	345	75	120	135	210	108	42
3 13/16	**UCT320-313D1**																
3⅞	**UCT320-314D1**	1⅞	1 11/32	6⅞	4 17/32	2 5/16	7⅞	1.378	10 15/64	11 13/32	13 19/32	2 15/16	4 23/32	5 5/16	8 9/32	4.252	1.654
3 15/16	**UCT320-315D1**																
4	**UCT320-400D1**																
105	**UCT321D1**	48	34	175	115	59	200	35	260	290	347	75	120	135	212	112	44
110	**UCT322D1**	52	40	185	125	65	215	38	285	320	385	80	130	150	235	117	46
120	**UCT324D1**	60	44	210	140	70	230	45	320	355	432	90	140	165	267	126	51
130	**UCT326D1**	65	47	220	150	75	240	50	350	385	465	100	150	180	285	135	54
140	**UCT328D1**	70	52	230	160	80	255	50	380	415	515	100	155	200	315	145	59

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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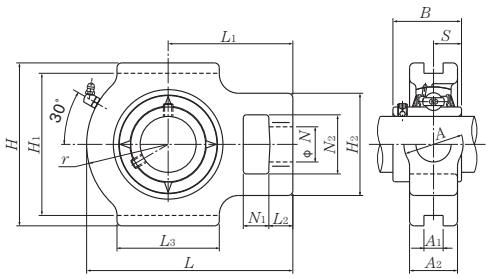
Cast Steel Dust Cover – Open
C-UCT…D1



Cast Steel Dust Cover – Closed
CM-UCT…D1

TAKE-UP UNIT – HEAVY DUTY, SET SCREW (continued)

Part Number Cast Steel Dust Cover	Nominal Dimensions			Insert Number	Housing Number	Part Number
	t	L_4	A_5			
C(CM)-UCT314D1	19	258	140	UC314D1	T314D1	UCT314D1
C(CM)-UCT314-210D1	¾	10 5/32	5½	UC314-210D1		UCT314-210D1
C(CM)-UCT314-211D1				UC314-211D1		UCT314-211D1
C(CM)-UCT314-212D1				UC314-212D1		UCT314-212D1
C(CM)-UCT315D1	19	268	150	UC315D1	T315D1	UCT315D1
C(CM)-UCT315-213D1	¾	10 9/16	5 29/32	UC315-213D1		UCT315-213D1
C(CM)-UCT315-214D1				UC315-214D1		UCT315-214D1
C(CM)-UCT315-215D1				UC315-215D1		UCT315-215D1
C(CM)-UCT315-300D1				UC315-300D1		UCT315-300D1
C(CM)-UCT316D1	18	287	155	UC316D1	T316D1	UCT316D1
C(CM)-UCT316-301D1	23/32	11 5/16	6 3/32	UC316-301D1		UCT316-301D1
C(CM)-UCT316-302D1				UC316-302D1		UCT316-302D1
C(CM)-UCT316-303D1				UC316-303D1		UCT316-303D1
C(CM)-UCT317D1	21	303	170	UC317D1	T317D1	UCT317D1
C(CM)-UCT317-304D1	13/16	11 15/16	6 11/16	UC317-304D1		UCT317-304D1
C(CM)-UCT317-305D1				UC317-305D1		UCT317-305D1
C(CM)-UCT317-307D1				UC317-307D1		UCT317-307D1
C(CM)-UCT318D1	21	317	170	UC318D1	T318D1	UCT318D1
C(CM)-UCT318-307D1	13/16	12 15/32	6 11/16	UC318-307D1		UCT318-307D1
C(CM)-UCT318-308D1				UC318-308D1		UCT318-308D1
C(CM)-UCT319D1	20	327	180	UC319D1	T319D1	UCT319D1
C(CM)-UCT319-310D1	25/32	12⅞	7 3/32	UC319-310D1		UCT319-310D1
C(CM)-UCT319-311D1				UC319-311D1		UCT319-311D1
C(CM)-UCT319-312D1				UC319-312D1		UCT319-312D1
C(CM)-UCT320D1	20	350	190	UC320D1	T320D1	UCT320D1
C(CM)-UCT320-313D1	25/32	13 25/32	7 15/32	UC320-313D1		UCT320-313D1
C(CM)-UCT320-314D1				UC320-314D1		UCT320-314D1
C(CM)-UCT320-315D1				UC320-315D1		UCT320-315D1
C(CM)-UCT320-400D1				UC320-400D1		UCT320-400D1
C(CM)-UCT321D1	20	359	195	UC321D1D1	T321D1	UCT321D1
C(CM)-UCT322D1	20	395	200	UC322D1D1	T322D1	UCT322D1
C(CM)-UCT324D1	22	439	215	UC324D1D1	T324D1	UCT324D1
C(CM)-UCT326D1	21	476	225	UC326D1D1	T326D1	UCT326D1
C(CM)-UCT328D1	21	519	235	UC328D1D1	T328D1	UCT328D1



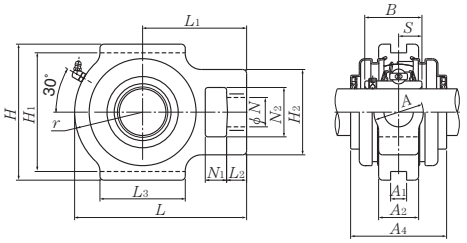
Units	Shaft Dia.
Metric	25 - 55 mm
Standard	1 - 2 5/16 in

TAKE-UP UNIT – INTERMEDIATE DUTY, SET SCREW

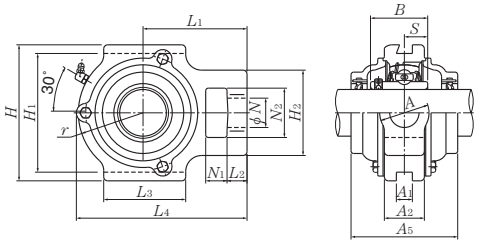
Shaft Dia.	Part Number	Nominal Dimensions															
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B	S
25	**UCTX05D1**	16	12	56	37	22	57	12	89	102	113	28	37	43	70	38.1	15.9
13/16	**UCTX05-013D1**																
7/8	**UCTX05-014D1**	5/8	15/32	2 7/32	1 15/32	7/8	2 1/4	0.472	3 1/2	4 1/32	4 7/16	1 3/32	1 15/32	1 11/16	2 3/4	1.500	0.626
15/16	**UCTX05-015D1**																
1	**UCTX05-100D1**																
30	**UCTX06D1**	16	15	64	37	22	64	12	89	102	129	30	37	51	78	42.9	17.5
1 1/16	**UCTX06-101D1**																
1 1/8	**UCTX06-102D1**	5/8	19/32	2 17/32	1 15/32	7/8	2 17/32	0.472	3 1/2	4 1/32	5 3/32	1 3/16	1 15/32	2	3 1/16	1.689	0.689
1 3/16	**UCTX06-103D1**																
1 1/4	**UCTX06-104D1**																
35	**UCTX07D1**	19	17	83	49	29	83	16	102	114	144	36	49	56	88	49.2	19.0
1 5/16	**UCTX07-105D1**																
1 3/8	**UCTX07-106D1**	3/4	21/32	3 9/32	1 15/16	1 5/32	3 9/32	0.630	4 1/64	4 1/2	5 21/32	1 13/32	1 15/16	2 7/8	3 15/32	1.937	0.748
1 7/16	**UCTX07-107D1**																
40	**UCTX08D1**	19	17	83	49	29	83	16	102	117	144	36	49	57	87	49.2	19.0
1 1/2	**UCTX08-108D1**	3/4	21/32	3 9/32	1 15/16	1 5/32	3 9/32	0.630	4 1/64	4 19/32	5 21/32	1 13/32	1 15/16	2 1/4	3 7/16	1.937	0.748
1 9/16	**UCTX08-109D1**																
45	**UCTX09D1**	19	18	83	49	29	86	16	102	117	151	38	49	59	92	51.6	19.0
1 5/8	**UCTX09-110D1**																
1 11/16	**UCTX09-111D1**	3/4	23/32	3 9/32	1 15/16	1 5/32	3 3/8	0.630	4 1/64	4 19/32	5 15/16	1 1/2	1 15/16	2 5/16	3 5/8	2.032	0.748
1 3/4	**UCTX09-112D1**																
1 13/16	**UCTX09-113D1**																
50	**UCTX10D1**	25	21	102	64	35	95	22	130	146	171	42	64	65	106	55.6	22.2
1 7/8	**UCTX10-114D1**																
1 15/16	**UCTX10-115D1**	31/32	13/16	4 1/32	2 17/32	1 3/8	3 3/4	0.866	5 1/8	5 3/4	6 23/32	1 21/32	2 17/32	2 9/16	4 3/16	2.189	0.874
2	**UCTX10-200D1**																
55	**UCTX11D1**	32	21	102	64	35	102	22	130	146	194	44	64	75	119	65.1	25.4
2 1/16	**UCTX11-201D1**																
2 1/8	**UCTX11-202D1**																
2 3/16	**UCTX11-203D1**	1 1/4	13/16	4 1/32	2 17/32	1 3/8	4 1/32	0.866	5 1/8	5 3/4	7 7/8	1 23/32	2 17/32	2 15/16	4 11/16	2.563	1.000
2 1/4	**UCTX11-204D1**																
2 5/16	**UCTX11-205D1**																

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

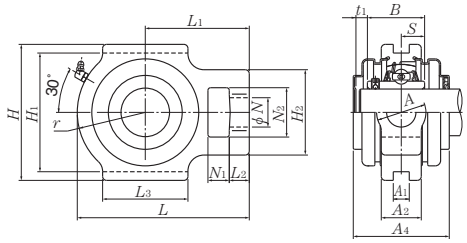
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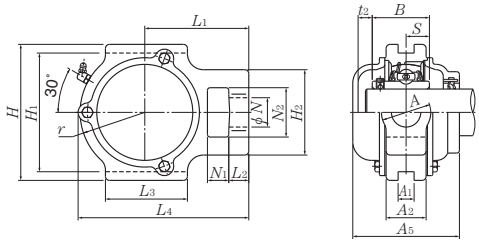
Pressed Steel Dust Cover – Open
S-UCT…D1



Cast Steel Dust Cover – Open
C-UCT…D1



Pressed Steel Dust Cover – Closed
SM-UCT…D1

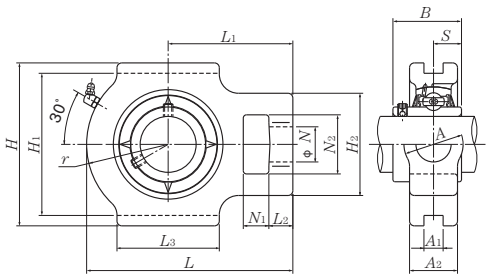


Cast Steel Dust Cover – Closed
CM-UCT…D1

TAKE-UP UNIT – INTERMEDIATE DUTY, SET SCREW (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions					Insert Number	Housing Number	Part Number
		t_1	t_2	A_4	L_4	A_5			
S(SM)-UCTX05D1	C(CM)-UCTX05D1	7	11	62	113.5	75	UCX05D1		UCTX05D1
S(SM)-UCTX05-013D1	C(CM)-UCTX05-013D1						UCX05-013D1		UCTX05-013D1
S(SM)-UCTX05-014D1	C(CM)-UCTX05-014D1	9/32	7/16	2 7/16	4 15/32	2 15/16	UCX05-014D1	TX05D1	UCTX05-014D1
S(SM)-UCTX05-015D1	C(CM)-UCTX05-015D1						UCX05-015D1		UCTX05-015D1
S(SM)-UCTX05-100D1	C(CM)-UCTX05-100D1						UCX05-100D1		UCTX05-100D1
S(SM)-UCTX06D1	C(CM)-UCTX06D1	8	10	72	129	80	UCX06D1		UCTX06D1
S(SM)-UCTX06-101D1	C(CM)-UCTX06-101D1						UCX06-101D1		UCTX06-101D1
S(SM)-UCTX06-102D1	C(CM)-UCTX06-102D1	5/16	25/64	2 27/32	5 3/32	3 5/32	UCX06-102D1	TX06D1	UCTX06-102D1
S(SM)-UCTX06-103D1	C(CM)-UCTX06-103D1						UCX06-103D1		UCTX06-103D1
S(SM)-UCTX06-104D1	C(CM)-UCTX06-104D1						UCX06-104D1		UCTX06-104D1
S(SM)-UCTX07D1	C(CM)-UCTX07D1	8	9	82	144	90	UCX07D1		UCTX07D1
S(SM)-UCTX07-105D1	C(CM)-UCTX07-105D1						UCX07-105D1	TX07D1	UCTX07-105D1
S(SM)-UCTX07-106D1	C(CM)-UCTX07-106D1	5/16	23/64	3 7/32	5 21/32	3 17/32	UCX07-106D1		UCTX07-106D1
S(SM)-UCTX07-107D1	C(CM)-UCTX07-107D1						UCX07-107D1		UCTX07-107D1
S(SM)-UCTX08D1	C(CM)-UCTX08D1	8	12	82	144.5	95	UCX08D1		UCTX08D1
S(SM)-UCTX08-108D1	C(CM)-UCTX08-108D1	5/16	15/32	3 7/32	5 11/16	3 3/4	UCX08-108D1	TX08D1	UCTX08-108D1
S(SM)-UCTX08-109D1	C(CM)-UCTX08-109D1						UCX08-109D1		UCTX08-109D1
S(SM)-UCTX09D1	C(CM)-UCTX09D1	8	12	87	152	100	UCX09D1		UCTX09D1
S(SM)-UCTX09-110D1	C(CM)-UCTX09-110D1						UCX09-110D1		UCTX09-110D1
S(SM)-UCTX09-111D1	C(CM)-UCTX09-111D1	5/16	15/32	3 7/16	5 31/32	3 15/16	UCX09-111D1	TX09D1	UCTX09-111D1
S(SM)-UCTX09-112D1	C(CM)-UCTX09-112D1						UCX09-112D1		UCTX09-112D1
S(SM)-UCTX09-113D1	C(CM)-UCTX09-113D1						UCX09-113D1		UCTX09-113D1
S(SM)-UCTX10D1	C(CM)-UCTX10D1	10	11	92	171.5	100	UCX10D1		UCTX10D1
S(SM)-UCTX10-114D1	C(CM)-UCTX10-114D1						UCX10-114D1	TX10D1	UCTX10-114D1
S(SM)-UCTX10-115D1	C(CM)-UCTX10-115D1	25/64	7/16	3 5/8	6 3/4	3 15/16	UCX10-115D1		UCTX10-115D1
S(SM)-UCTX10-200D1	C(CM)-UCTX10-200D1						UCX10-200D1		UCTX10-200D1
S(SM)-UCTX11D1	C(CM)-UCTX11D1	8	12	102	194	115	UCX11D1		UCTX11D1
S(SM)-UCTX11-201D1	C(CM)-UCTX11-201D1						UCX11-201D1		UCTX11-201D1
S(SM)-UCTX11-202D1	C(CM)-UCTX11-202D1						UCX11-202D1	TX11D1	UCTX11-202D1
S(SM)-UCTX11-203D1	C(CM)-UCTX11-203D1	5/16	15/32	4 1/32	7 5/8	4 17/32	UCX11-203D1		UCTX11-203D1
S(SM)-UCTX11-204D1	C(CM)-UCTX11-204D1						UC212-204D1		UCTX11-204D1
S(SM)-UCTX11-205D1	C(CM)-UCTX11-205D1						UC212-205D1		UCTX11-205D1

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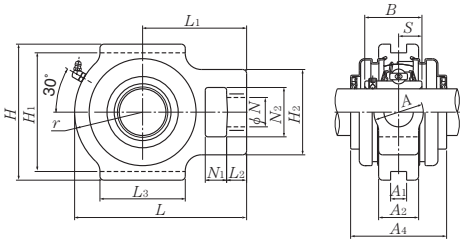
Units	Shaft Dia.
Metric	60 - 85 mm
Standard	2⅜ - 3⁷⁄₁₆ in

TAKE-UP UNIT – INTERMEDIATE DUTY, SET SCREW

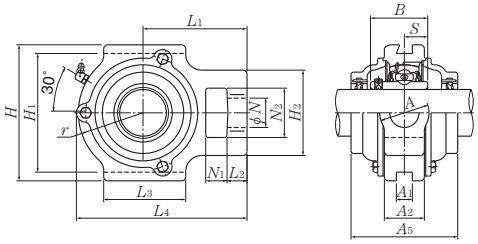
Shaft Dia.	Part Number	Nominal Dimensions															
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B	S
60	**UCTX12D1**	32	23	111	70	41	121	26	151	167	224	48	70	87	137	65.1	25.4
2⅜	**UCTX12-206D1**	1¼	2⁹⁄₃₂	4⅜	2¾	1⅝	4¾	1.024	5¹⁵⁄₁₆	6⁹⁄₁₆	8¹³⁄₁₆	1⅞	2¾	3⁷⁄₁₆	5¹³⁄₃₂	2.563	1.000
2⁷⁄₁₆	**UCTX12-207D1**																
65	**UCTX13D1**	32	23	111	70	41	121	26	151	167	224	48	70	87	137	74.6	30.2
2½	**UCTX13-208D1**	1¼	2⁹⁄₃₂	4⅜	2¾	1⅝	4¾	1.024	5¹⁵⁄₁₆	6⁹⁄₁₆	8¹³⁄₁₆	1⅞	2¾	3⁷⁄₁₆	5¹³⁄₃₂	2.937	1.189
2⁹⁄₁₆	**UCTX13-209D1**																
70	**UCTX14D1**	32	23	111	70	41	121	26	151	167	232	48	70	92	140	77.8	33.3
2⅝	**UCTX14-210D1**																
2¹¹⁄₁₆	**UCTX14-211D1**	1¼	2⁹⁄₃₂	4⅜	2¾	1⅝	4¾	1.024	5¹⁵⁄₁₆	6⁹⁄₁₆	9⅛	1⅞	2¾	3⅝	5½	3.063	1.311
2¾	**UCTX14-212D1**																
75	**UCTX15D1**	32	23	111	70	41	121	28	165	184	235	48	70	95	140	82.6	33.3
2¹³⁄₁₆	**UCTX15-213D1**																
2⅞	**UCTX15-214D1**	1¼	2⁹⁄₃₂	4⅜	2¾	1⅝	4¾	1.102	6½	7¼	9¼	1⅞	2¾	3¾	5½	3.252	1.311
2¹⁵⁄₁₆	**UCTX15-215D1**																
3	**UCTX15-300D1**																
80	**UCTX16D1**	38	30	124	73	48	157	28	173	198	260	54	73	98	162	85.7	34.1
3¹⁄₁₆	**UCTX16-301D1**																
3⅛	**UCTX16-302D1**	1½	1¹³⁄₁₆	4⅞	2⅞	1⅞	6⁹⁄₁₆	1.102	6¹³⁄₁₆	7²⁵⁄₃₂	10¼	2⅛	2⅞	3²⁷⁄₃₂	6⅜	3.374	1.343
3³⁄₁₆	**UCTX16-303D1**																
3¼	**UCTX16-304D1**																
85	**UCTX17D1**	38	30	124	73	48	157	28	173	198	260	54	73	98	162	96	39.7
3⁵⁄₁₆	**UCTX17-305D1**	1½	1¹³⁄₁₆	4⅞	2⅞	1⅞	6⁹⁄₁₆	1.102	6¹³⁄₁₆	7²⁵⁄₃₂	10¼	2⅛	2⅞	3²⁷⁄₃₂	6⅜	3.780	1.563
3⁷⁄₁₆	**UCTX17-307D1**																

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

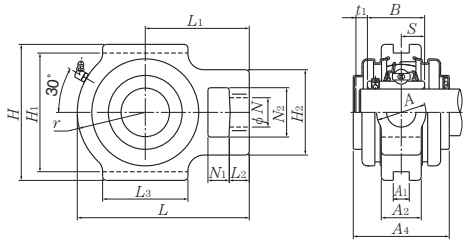
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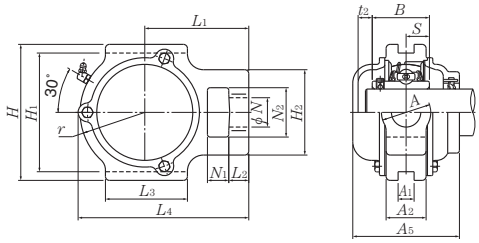
Pressed Steel Dust Cover – Open
S-UCT...D1



Cast Steel Dust Cover – Open
C-UCT...D1



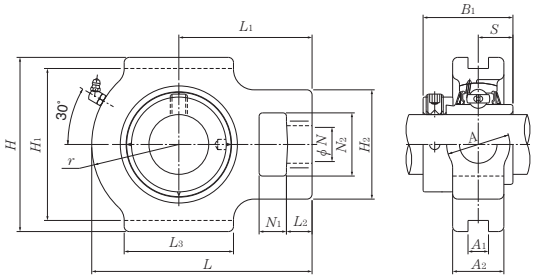
Pressed Steel Dust Cover – Closed
SM-UCT...D1



Cast Steel Dust Cover – Closed
CM-UCT...D1

TAKE-UP UNIT – INTERMEDIATE DUTY, SET SCREW (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions					Insert Number	Housing Number	Part Number
		t_1	t_2	A_4	L_4	A_5			
S(SM)-UCTX12D1	C(CM)-UCTX12D1	11	15	107	224	120	UCX12D1		UCTX12D1
S(SM)-UCTX12-206D1	C(CM)-UCTX12-206D1	7/16	19/32	4 7/32	8 13/16	4 23/32	UCX12-206D1	TX12D1	UCTX12-206D1
S(SM)-UCTX12-207D1	C(CM)-UCTX12-207D1						UCX12-207D1		UCTX12-207D1
	C(CM)-UCTX13D1		17		224	135	UCX13D1		UCTX13D1
–	C(CM)-UCTX13-208D1	–	21/32	–	8 13/16	5 5/16	UCX13-208D1	TX13D1	UCTX13-208D1
	C(CM)-UCTX13-209D1						UCX13-209D1		UCTX13-209D1
	C(CM)-UCTX14D1		17		232	135	UCX14D1		UCTX14D1
–	C(CM)-UCTX14-210D1	–		–	9 1/8	5 5/16	UCX14-210D1	TX14D1	UCTX14-210D1
	C(CM)-UCTX14-211D1		21/32				UCX14-211D1		UCTX14-211D1
	C(CM)-UCTX14-212D1						UCX14-212D1		UCTX14-212D1
	C(CM)-UCTX15D1		17		235	145	UCX15D1		UCTX15D1
	C(CM)-UCTX15-213D1						UCX15-213D1		UCTX15-213D1
–	C(CM)-UCTX15-214D1	–	21/32	–	9 1/4	5 23/32	UCX15-214D1	TX15D1	UCTX15-214D1
	C(CM)-UCTX15-215D1						UCX15-215D1		UCTX15-215D1
	C(CM)-UCTX15-300D1						UCX15-300D1		UCTX15-300D1
	C(CM)-UCTX16D1		19		260	155	UCX16D1		UCTX16D1
	C(CM)-UCTX16-301D1						UCX16-301D1		UCTX16-301D1
–	C(CM)-UCTX16-302D1	–	3/4	–	10 1/4	6 3/32	UCX16-302D1	TX16D1	UCTX16-302D1
	C(CM)-UCTX16-303D1						UCX16-303D1		UCTX16-303D1
	C(CM)-UCTX16-304D1						UC217-304D1		UCTX16-304D1
	C(CM)-UCTX17D1		20		262	165	UCX17D1		UCTX17D1
–	C(CM)-UCTX17-305D1	–		–	10 5/16	6 1/2	UCX17-305D1	TX17D1	UCTX17-305D1
	C(CM)-UCTX17-307D1		25/32				UCX17-307D1		UCTX17-307D1



Units	Shaft Dia.
Metric	20 - 50 mm
Standard	13/4 - 2 in

TAKE-UP UNIT – STANDARD DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions									
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L
20	**UELT204D1W3**	16	12	51	32	19	51	12	76	89	94
3/4	**UELT204-012D1W3**	5/8	15/32	2	1 1/4	3/4	2	0.472	2 63/64	3 1/2	3 11/16
25	**UELT205D1W3**	16	12	51	32	19	51	12	76	89	97
13/16	**UELT205-013D1W3**										
7/8	**UELT205-014D1W3**										
15/16	**UELT205-015D1W3**	5/8	15/32	2	1 1/4	3/4	2	0.472	2 63/64	3 1/2	3 13/16
1	**UELT205-100D1W3**										
30	**UELT206D1W3**	16	12	56	37	22	57	12	89	102	113
1 1/16	**UELT206-101D1W3**										
1 1/8	**UELT206-102D1W3**										
1 3/16	**UELT206-103D1W3**	5/8	15/32	2 7/32	1 15/32	7/8	2 1/4	0.472	3 1/2	4 1/32	4 7/16
1 1/4	**UELT206-104D1W3**										
35	**UELT207D1W3**	16	15	64	37	22	64	12	89	102	129
1 1/4	**UELT207-104D1W3**										
1 5/16	**UELT207-105D1W3**										
1 3/8	**UELT207-106D1W3**	5/8	19/32	2 17/32	1 15/32	7/8	2 17/32	0.472	3 1/2	4 1/32	5 3/32
1 7/16	**UELT207-107D1W3**										
40	**UELT208D1W3**	19	18	83	49	29	83	16	102	114	144
1 1/2	**UELT208-108D1W3**	3/4	23/32	3 3/32	1 15/16	1 5/32	3 3/32	0.630	4 1/64	4 1/2	5 21/32
1 9/16	**UELT208-109D1W3**										
45	**UELT209D1W3**	19	18	83	49	29	83	16	102	117	145
1 5/8	**UELT209-110D1W3**										
1 11/16	**UELT209-111D1W3**	3/4	23/32	3 3/32	1 15/16	1 5/32	3 3/32	0.630	4 1/64	4 19/32	5 23/32
1 3/4	**UELT209-112D1W3**										
50	**UELT210D1W3**	19	18	83	49	29	86	16	102	117	151
1 13/16	**UELT210-113D1W3**										
1 7/8	**UELT210-114D1W3**										
1 15/16	**UELT210-115D1W3**	3/4	23/32	3 3/32	1 15/16	1 5/32	3 3/8	0.630	4 1/64	4 19/32	5 15/16
2	**UELT210-200D1W3**										

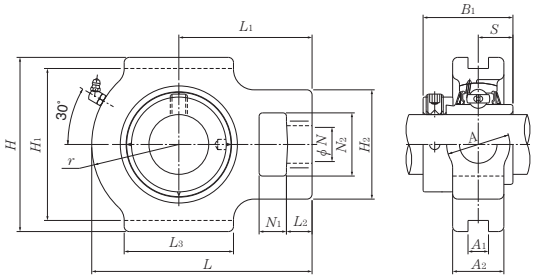
Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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TAKE-UP UNIT – STANDARD DUTY, ECCENTRIC LOCK (continued)

Nominal Dimensions						Insert Number	Housing Number	Part Number
A_2	A	r	L_1	B	S			
21	32	33	61	43.7	17.1	UEL204D1W3	T204D1	UELT204D1W3
13/16	1 1/4	1 5/16	2 13/32	1.720	0.673	UEL204-012D1W3		UELT204-012D1W3
24	32	35	62	44.4	17.4	UEL205D1W3	T205D1	UELT205D1W3
						UEL205-013D1W3		UELT205-013D1W3
15/16	1 1/4	1 3/8	2 7/16	1.748	0.687	UEL205-014D1W3		UELT205-014D1W3
						UEL205-015D1W3		UELT205-015D1W3
						UEL205-100D1W3		UELT205-100D1W3
28	37	43	70	48.4	18.2	UEL206D1W3	T206D1	UELT206D1W3
						UEL206-101D1W3		UELT206-101D1W3
1 3/32	1 15/32	1 11/16	2 3/4	1.906	0.719	UEL206-102D1W3		UELT206-102D1W3
						UEL206-103D1W3		UELT206-103D1W3
						UEL206-104D1W3		UELT206-104D1W3
30	37	51	78	51.1	18.8	UEL207D1W3	T207D1	UELT207D1W3
						UEL207-104D1W3		UELT207-104D1W3
1 3/16	1 15/32	2	3 1/16	2.012	0.740	UEL207-105D1W3		UELT207-105D1W3
						UEL207-106D1W3		UELT207-106D1W3
						UEL207-107D1W3		UELT207-107D1W3
33	49	56	88	56.3	21.4	UEL208D1W3	T208D1	UELT208D1W3
1 5/16	1 15/16	2 7/32	3 15/32	2.217	0.843	UEL208-108D1W3		UELT208-108D1W3
						UEL208-109D1W3		UELT208-109D1W3
35	49	57	88	56.3	21.4	UEL209D1W3	T209D1	UELT209D1W3
						UEL209-110D1W3		UELT209-110D1W3
1 3/8	1 15/16	2 1/4	3 15/32	2.217	0.843	UEL209-111D1W3		UELT209-111D1W3
						UEL209-112D1W3		UELT209-112D1W3
37	49	59	92	62.7	24.6	UEL210D1W3	T210D1	UELT210D1W3
						UEL210-113D1W3		UELT210-113D1W3
1 15/32	1 15/16	2 5/16	3 5/8	2.469	0.969	UEL210-114D1W3		UELT210-114D1W3
						UEL210-115D1W3		UELT210-115D1W3
						UEL210-200D1W3		UELT210-200D1W3

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Units	Shaft Dia.
Metric	55 - 75 mm
Standard	2 - 3 in

TAKE-UP UNIT – STANDARD DUTY, ECCENTRIC LOCK

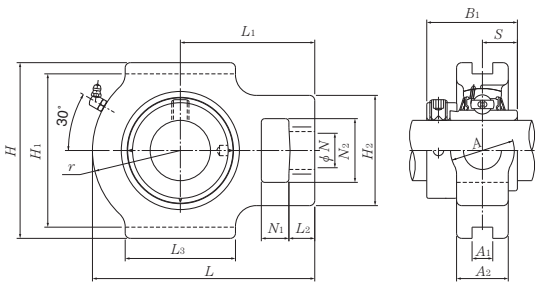
Shaft Dia.	Part Number	Nominal Dimensions									
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L
55	**UELT211D1W3**	25	21	102	64	35	95	22	130	146	171
2	**UELT211-200D1W3**										
2 1/16	**UELT211-201D1W3**	31/32	13/16	4 1/32	2 17/32	1 3/8	3 3/4	0.866	5 1/8	5 3/4	6 23/32
2 1/8	**UELT211-202D1W3**										
2 3/16	**UELT211-203D1W3**										
60	**UELT212D1W3**	32	21	102	64	35	102	22	130	146	194
2 1/4	**UELT212-204D1W3**										
2 5/16	**UELT212 -205D1W3**	1 1/4	13/16	4 1/32	2 17/32	1 3/8	4 1/32	0.866	5 1/8	5 3/4	7 5/8
2 3/8	**UELT212-206D1W3**										
2 7/16	**UELT212-207D1W3**										
65	**UELT213D1W3**	32	23	111	70	41	121	26	151	167	224
2 1/2	**UELT213-208D1W3**	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 9/16	8 13/16
2 9/16	**UELT213-209D1W3**										
70	**UELT214D1W3**	32	23	111	70	41	121	26	151	167	224
2 5/8	**UELT214-210D1W3**										
2 11/16	**UELT214-211D1W3**	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 9/16	8 13/16
2 3/4	**UELT214-212D1W3**										
75	**UELT215D1W3**	32	23	111	70	41	121	26	151	167	232
2 13/16	**UELT215-213D1W3**										
2 7/8	**UELT215-214D1W3**	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 9/16	9 1/8
2 15/16	**UELT215-215D1W3**										
3	**UELT215-300D1W3**										

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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TAKE-UP UNIT – STANDARD DUTY, ECCENTRIC LOCK (continued)

Nominal Dimensions						Insert Number	Housing Number	Part Number
A_2	A	r	L_1	B	S			
38	64	65	106	71.4	27.7	**UEL211D1W3**	T211D1	**UELT211D1W3**
						UEL211-200D1W3		UELT211-200D1W3
1½	2 17/32	2 9/16	4 3/16	2.811	1.093	UEL211-201D1W3		UELT211-201D1W3
						UEL211-202D1W3		UELT211-202D1W3
						UEL211-203D1W3		UELT211-203D1W3
42	64	75	119	77.8	30.9	**UEL212D1W3**	T212D1	**UELT212D1W3**
						UEL212-204D1W3		UELT212-204D1W3
1 21/32	2 17/32	2 15/16	4 11/16	3.063	1.219	UEL212-205D1W3		UELT212 -205D1W3
						UEL212-206D1W3		UELT212-206D1W3
						UEL212-207D1W3		UELT212-207D1W3
44	70	87	137	85.7	34.1	**UEL213D1W3**	T213D1	**UELT213D1W3**
1 23/32	2¾	3 7/16	5 13/32	3.374	1.344	UEL213-208D1W3		UELT213-208D1W3
						UEL213-209D1W3		UELT213-209D1W3
46	70	87	137	85.7	34.1	**UEL214D1W3**	T214D1	**UELT214D1W3**
						UEL214-210D1W3		UELT214-210D1W3
1 13/16	2¾	3 7/16	5 13/32	3.374	1.344	UEL214-211D1W3		UELT214-211D1W3
						UEL214-212D1W3		UELT214-212D1W3
48	70	92	140	92.0	37.3	**UEL215D1W3**	T215D1	**UELT215D1W3**
						UEL215-213D1W3		UELT215-213D1W3
1⅞	2¾	3⅝	5½	3.622	1.469	UEL215-214D1W3		UELT215-214D1W3
						UEL215-215D1W3		UELT215-215D1W3
						UEL215-300D1W3		UELT215-300D1W3



Units	Shaft Dia.
Metric	25 - 65 mm
Standard	1 3/16 - 2 9/16 in

TAKE-UP UNIT – INTERMEDIATE DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions									
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L
25	**UELT305D1W3**	16	14	62	36	26	65	12	80	89	122
13/16	**UELT305-013D1W3**										
7/8	**UELT305-014D1W3**	5/8	9/16	2 7/16	1 13/32	1 1/32	2 9/16	0.472	3 5/32	3 1/2	4 13/16
15/16	**UELT305-015D1W3**										
1	**UELT305-100D1W3**										
30	**UELT306D1W3**	18	16	70	41	28	74	16	90	100	137
1 1/16	**UELT306-101D1W3**										
1 1/8	**UELT306-102D1W3**	23/32	5/8	2 3/4	1 5/8	1 3/32	2 29/32	0.630	3 35/64	3 15/16	5 13/32
1 3/16	**UELT306-103D1W3**										
35	**UELT307D1W3**	20	17	75	45	30	80	16	100	111	150
1 1/4	**UELT307-104D1W3**										
1 5/16	**UELT307-105D1W3**	25/32	21/32	2 15/16	1 25/32	1 3/16	3 5/32	0.630	3 15/16	4 3/8	5 29/32
1 3/8	**UELT307-106D1W3**										
1 7/16	**UELT307-107D1W3**										
40	**UELT308D1W3**	22	19	83	50	32	89	18	112	124	162
1 1/2	**UELT308-108D1W3**	7/8	3/4	3 9/32	1 31/32	1 1/4	3 1/2	0.709	4 13/32	4 7/8	6 3/8
1 9/16	**UELT308-109D1W3**										
45	**UELT309D1W3**	24	20	90	55	34	97	18	125	138	178
1 5/8	**UELT309-110D1W3**										
1 11/16	**UELT309-111D1W3**	15/16	25/32	3 17/32	2 5/32	1 11/32	3 13/16	0.709	4 59/64	5 7/16	7
1 3/4	**UELT309-112D1W3**										
50	**UELT310D1W3**	27	22	98	61	37	106	20	140	151	192
1 13/16	**UELT310-113D1W3**										
1 7/8	**UELT310-114D1W3**	1 1/16	7/8	3 27/32	2 13/32	1 15/32	4 3/16	0.787	5 33/64	5 15/16	7 9/16
1 15/16	**UELT310-115D1W3**										
55	**UELT311D1W3**	29	23	105	66	39	115	22	150	163	207
2	**UELT311-200D1W3**										
2 1/16	**UELT311-201D1W3**	1 5/32	29/32	4 1/8	2 19/32	1 17/32	4 17/32	0.866	5 29/32	6 13/32	8 5/32
2 1/8	**UELT311-202D1W3**										
2 3/16	**UELT311-203D1W3**										
60	**UELT312D1W3**	31	25	113	71	41	123	22	160	178	220
2 1/4	**UELT312-204D1W3**										
2 5/16	**UELT312-205D1W3**	1 7/32	31/32	4 7/16	2 25/32	1 5/8	4 27/32	0.866	6 13/64	7	8 21/32
2 3/8	**UELT312-206D1W3**										
2 7/16	**UELT312-207D1W3**										
65	**UELT313D1W3**	32	27	116	70	43	134	26	170	190	238
2 1/2	**UELT313-208D1W3**	1 1/4	1 1/16	4 9/16	2 3/4	1 11/16	5 9/32	1.024	6 11/16	7 15/32	9 3/8
2 9/16	**UELT313-209D1W3**										

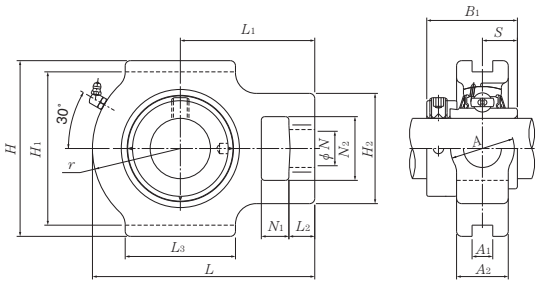
Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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TAKE-UP UNIT – INTERMEDIATE DUTY, ECCENTRIC LOCK (continued)

Nominal Dimensions						Insert Number	Housing Number	Part Number
A_2	A	r	L_1	B	S			
26	36	46	76	46.8	16.7	**UEL305D1W3**		**UELT305D1W3**
						UEL305-013D1W3		UELT305-013D1W3
1 1/32	1 13/32	1 13/16	3	1.843	0.657	UEL305-014D1W3	T305D1	UELT305-014D1W3
						UEL305-015D1W3		UELT305-015D1W3
						UEL305-100D1W3		UELT305-100D1W3
28	41	52	85	50.0	17.5	**UEL306D1W3**		**UELT306D1W3**
						UEL306-101D1W3	T306D1	UELT306-101D1W3
1 3/32	1 5/8	2 1/16	3 11/32	1.969	0.689	UEL306-102D1W3		UELT306-102D1W3
						UEL306-103D1W3		UELT306-103D1W3
32	45	56	94	51.6	18.3	**UEL307D1W3**		**UELT307D1W3**
						UEL307-104D1W3		UELT307-104D1W3
1 1/4	1 25/32	2 7/32	3 11/16	2.031	0.720	UEL307-105D1W3	T307D1	UELT307-105D1W3
						UEL307-106D1W3		UELT307-106D1W3
						UEL307-107D1W3		UELT307-107D1W3
34	50	62	100	57.1	19.8	**UEL308D1W3**		**UELT308D1W3**
1 11/32	1 31/32	2 7/16	3 15/16	2.248	0.780	UEL308-108D1W3	T308D1	UELT308-108D1W3
						UEL308-109D1W3		UELT308-109D1W3
38	55	68	110	58.7	19.8	**UEL309D1W3**		**UELT309D1W3**
						UEL309-110D1W3	T309D1	UELT309-110D1W3
1 1/2	2 5/32	2 11/16	4 11/32	2.311	0.780	UEL309-111D1W3		UELT309-111D1W3
						UEL309-112D1W3		UELT309-112D1W3
40	61	74	118	66.6	24.6	**UEL310D1W3**		**UELT310D1W3**
						UEL310-113D1W3	T310D1	UELT310-113D1W3
1 9/16	2 13/32	2 29/32	4 21/32	2.622	0.969	UEL310-114D1W3		UELT310-114D1W3
						UEL310-115D1W3		UELT310-115D1W3
44	66	80	127	73.0	27.8	**UEL311D1W3**		**UELT311D1W3**
						UEL311-200D1W3		UELT311-200D1W3
1 23/32	2 19/32	3 5/32	5	2.874	1.094	UEL311-201D1W3	T311D1	UELT311-201D1W3
						UEL311-202D1W3		UELT311-202D1W3
						UEL311-203D1W3		UELT311-203D1W3
46	71	85	135	79.4	30.9	**UEL312D1W3**		**UELT312D1W3**
						UEL312-204D1W3		UELT312-204D1W3
1 13/16	2 25/32	3 11/32	5 5/16	3.126	1.219	UEL312-205D1W3	T312D1	UELT312-205D1W3
						UEL312-206D1W3		UELT312-206D1W3
						UEL312-207D1W3		UELT312-207D1W3
50	80	92	146	85.7	32.5	**UEL313D1W3**		**UELT313D1W3**
1 31/32	3 5/32	3 5/8	5 3/4	3.374	1.281	UEL313-208D1W3	T313D1	UELT313-208D1W3
						UEL313-209D1W3		UELT313-209D1W3

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Units	Shaft Dia.
Metric	70 - 110 mm
Standard	2¾ - 4 in

TAKE-UP UNIT – INTERMEDIATE DUTY, ECCENTRIC LOCK

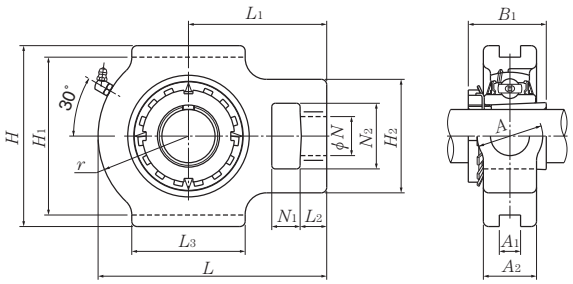
Shaft Dia.	Part Number	Nominal Dimensions									
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L
70	**UELT314D1W3**	36	27	130	85	46	140	26	180	202	252
2⅝	**UELT314-210D1W3**										
2 11/16	**UELT314-211D1W3**	1 13/32	1 1/16	5⅛	3 11/32	1 13/16	5½	1.024	7 3/32	7 15/16	9 29/32
2¾	**UELT314-212D1W3**										
75	**UELT315D1W3**	36	27	132	85	46	150	26	192	216	262
2 13/16	**UELT315-213D1W3**										
2⅞	**UELT315-214D1W3**	1 13/32	1 1/16	5 3/16	3 11/32	1 13/16	5 29/32	1.024	7 9/16	8½	10 5/16
2 15/16	**UELT315-215D1W3**										
3	**UELT315-300D1W3**										
80	**UELT316D1W3**	42	30	150	98	53	160	30	204	230	282
3 1/16	**UELT316-301D1W3**										
3⅛	**UELT316-302D1W3**	1 21/32	1 3/16	5 29/32	3 27/32	2 3/32	6 5/16	1.181	8 1/32	9 1/16	11 3/32
3 3/16	**UELT316-303D1W3**										
85	**UELT317D1W3**	42	32	152	98	53	170	32	214	240	298
3¼	**UELT317-304D1W3**										
3 5/16	**UELT317-305D1W3**	1 21/32	1¼	5 31/32	3 27/32	2 3/32	6 11/16	1.260	8 27/64	9 7/16	11 23/32
3 7/16	**UELT317-307D1W3**										
90	**UELT318D1W3**	46	32	160	106	57	175	32	228	255	312
3 7/16	**UELT318-307D1W3**	1 13/16	1¼	6 5/16	4 3/16	2¼	6⅞	1.260	8 31/32	10 1/32	12 5/32
3½	**UELT318-308D1W3**										
95	**UELT319D1W3**	46	33	165	106	57	180	35	240	270	322
3⅝	**UELT319-310D1W3**										
3 11/16	**UELT319-311D1W3**	1 13/16	1 5/16	6½	4 3/16	2¼	7 3/32	1.378	9 29/64	10⅝	12 11/16
3¾	**UELT319-312D1W3**										
100	**UELT320D1W3**	48	34	175	115	59	200	35	260	290	345
3 13/16	**UELT320-313D1W3**										
3⅞	**UELT320-314D1W3**	1⅞	1 11/32	6⅞	4 17/32	2 5/16	7⅞	1.378	10 15/64	11 13/32	13 19/32
3 15/16	**UELT320-315D1W3**										
4	**UELT320-400D1W3**										
105	**UELT321D1W3**	48	34	175	115	59	200	35	260	290	347
110	**UELT322D1W3**	52	40	185	125	65	215	38	285	320	385

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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TAKE-UP UNIT – INTERMEDIATE DUTY, ECCENTRIC LOCK (continued)

Nominal Dimensions						Insert Number	Housing Number	Part Number
A_2	A	r	L_1	B	S			
52	90	97	155	92.1	34.1	UEL314D1W3	T314D1	UELT314D1W3
2 1/16	3 17/32	3 13/16	6 3/32	3.626	1.344	UEL314-210D1W3 UEL314-211D1W3 UEL314-212D1W3		UELT314-210D1W3 UELT314-211D1W3 UELT314-212D1W3
55	90	102	160	100.0	37.3	UEL315D1W3	T315D1	UELT315D1W3
2 5/32	3 17/32	4 1/32	6 5/16	3.937	1.469	UEL315-213D1W3 UEL315-214D1W3 UEL315-215D1W3 UEL315-300D1W3		UELT315-213D1W3 UELT315-214D1W3 UELT315-215D1W3 UELT315-300D1W3
60	102	108	174	106.4	40.5	UEL316D1W3	T316D1	UELT316D1W3
2 3/8	4 1/32	4 1/4	6 27/32	4.189	1.594	UEL316-301D1W3 UEL316-302D1W3 UEL316-303D1W3		UELT316-301D1W3 UELT316-302D1W3 UELT316-303D1W3
64	102	115	183	109.5	42.0	UEL317D1W3	T317D1	UELT317D1W3
2 17/32	4 1/32	4 17/32	7 7/32	4.311	1.656	UEL317-304D1W3 UEL317-305D1W3 UEL317-307D1W3		UELT317-304D1W3 UELT317-305D1W3 UELT317-307D1W3
66	110	120	192	115.9	43.6	UEL318D1W3	T318D1	UELT318D1W3
2 19/32	4 11/32	4 23/32	7 9/16	4.563	1.719	UEL318-307D1W3 UEL318-308D1W3		UELT318-307D1W3 UELT318-308D1W3
72	110	125	197	122.3	38.9	UEL319D1W3	T319D1	UELT319D1W3
2 27/32	4 11/32	4 29/32	7 3/4	4.815	1.531	UEL319-310D1W3 UEL319-311D1W3 UEL319-312D1W3		UELT319-310D1W3 UELT319-311D1W3 UELT319-312D1W3
75	120	135	210	128.6	50.0	UEL320D1W3	T320D1	UELT320D1W3
2 15/16	4 23/32	5 5/16	8 9/32	5.063	1.969	UEL320-313D1W3 UEL320-314D1W3 UEL320-315D1W3 UEL320-400D1W3		UELT320-313D1W3 UELT320-314D1W3 UELT320-315D1W3 UELT320-400D1W3
75	120	135	212	139.7	48.4	UEL321D1D1W3	T321D1	UELT321D1W3
80	130	150	235	141.3	49.2	UEL322D1D1W3	T322D1	UELT322D1W3



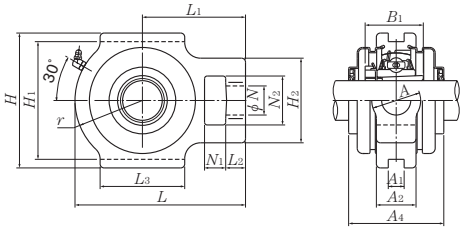
Units	Shaft Dia.
Metric	20 - 50 mm
Standard	¾ - 2 in

TAKE-UP UNIT – STANDARD DUTY, TAPERED BORE

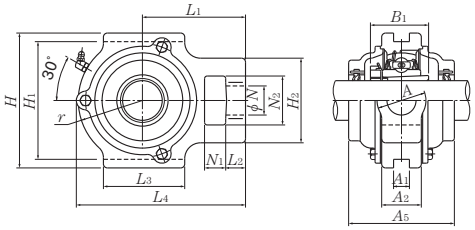
Shaft Dia.	Part Number	Nominal Dimensions														
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B_1
20	**UKT205D1 ; H2305X**	16	12	51	32	19	51	12	76	89	97	24	32	35	62	35
¾	**UKT205D1 ; HE2305**	5/8	15/32	2	1¼	¾	2	0.472	2 63/64	3½	3 13/16	15/16	1¼	1⅜	2 7/16	1.378
25	**UKT206D1 ; H2306X**	16	12	56	37	22	57	12	89	102	113	28	37	43	70	38
⅞	**UKT206D1 ; HS2306**															
1	**UKT206D1 ; HE2306X**	5/8	15/32	2 7/32	1 15/32	⅞	2¼	0.472	3½	4 1/32	4 7/16	1 3/32	1 15/32	1 11/16	2¾	1.496
30	**UKT207D1 ; H2307X**	16	15	64	37	22	64	12	89	102	129	30	37	51	78	43
1⅛	**UKT207D1 ; HS2307**	5/8	19/32	2 17/32	1 15/32	⅞	2 17/32	0.472	3½	4 1/32	5 3/32	1 3/16	1 15/32	2	3 1/16	1.693
35	**UKT208D1 ; H2308X**	19	18	83	49	29	83	16	102	114	144	33	49	56	88	46
1¼	**UKT208D1 ; HE2308X**															
1⅜	**UKT208D1 ; HS2308X**	¾	23/32	3 9/32	1 15/16	1 5/32	3 9/32	0.630	4 1/64	4½	5 21/32	1 5/16	1 15/16	2 7/32	3 15/32	1.811
40	**UKT209D1 ; H2309X**	19	18	83	49	29	83	16	102	117	145	35	49	57	88	50
1 7/16	**UKT209D1 ; HA2309**															
1½	**UKT209D1 ; HE2309X**	¾	23/32	3 9/32	1 15/16	1 5/32	3 9/32	0.630	4 1/64	4 19/32	5 23/32	1⅜	1 15/16	2¼	3 15/32	1.969
1⅝	**UKT209D1 ; HS2309X**															
45	**UKT210D1 ; H2310X**	19	18	83	49	29	86	16	102	117	151	37	49	59	92	55
1⅝	**UKT210D1 ; HS2310**															
1 11/16	**UKT210D1 ; HA2310**	¾	23/32	3 9/32	1 15/16	1 5/32	3⅜	0.630	4 1/64	4 19/32	5 15/16	1 15/32	1 15/16	2 5/16	3⅜	2.165
1¾	**UKT210D1 ; HE2310X**															
50	**UKT211D1 ; H2311X**	25	21	102	64	35	95	22	130	146	171	38	64	65	106	59
1⅞	**UKT211D1 ; HS2311**															
1 15/16	**UKT211D1 ; HA2311**	31/32	13/16	4 1/32	2 17/32	1⅜	3¾	0.866	5⅛	5¾	6 23/32	1½	2 17/32	2 9/16	4 3/16	2.323
2	**UKT211D1 ; HE2311XY**															

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.

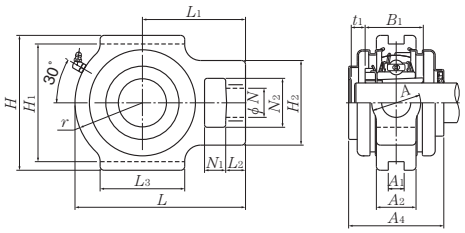
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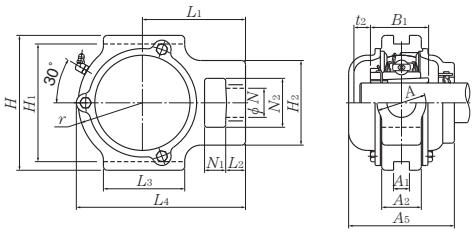
Pressed Steel Dust Cover – Open
S-UKT…D1



Cast Steel Dust Cover – Open
C-UKT…D1



Pressed Steel Dust Cover – Closed
SM-UKT…D1

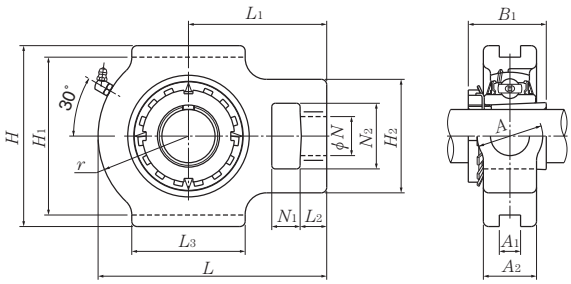


Cast Steel Dust Cover – Closed
CM-UKT…D1

TAKE-UP UNIT – STANDARD DUTY, TAPERED BORE (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions					Insert Number	Housing Number
		t_1	t_2	A_4	L_4	A_5		
S(SM)-UKT205D1 ; H2305X S(SM)-UKT205ED1 ; HE2305	C(CM)-UKT205D1 ; H2305X C(CM)-UKT205ED1 ; HE2305	7 9/32	11 7/16	57 2 1/4	100.5 3 31/32	70 2 3/4	UK205D1 ; H2305X UK205D1 ; HE2305	T205D1
S(SM)-UKT206D1 ; H2306X S(SM)-UKT206SD1 ; HS2306 S(SM)-UKT206ED1 ; HE2306X	C(CM)-UKT206D1 ; H2306X C(CM)-UKT206SD1 ; HS2306 C(CM)-UKT206ED1 ; HE2306X	8 5/16	12 15/32	62 2 7/16	113.5 4 15/32	75 2 15/16	UK206D1 ; H2306X UK206D1 ; HS2306 UK206D1 ; HE2306X	T206D1
S(SM)-UKT207D1 ; H2307X S(SM)-UKT207SD1 ; HS2307	C(CM)-UKT207D1 ; H2307X C(CM)-UKT207SD1 ; HS2307	10 25/64	12 15/32	72 2 27/32	129 5 3/32	80 3 5/32	UK207D1 ; H2307X UK207D1 ; HS2307	T207D1
S(SM)-UKT208D1 ; H2308X S(SM)-UKT208ED1 ; HE2308X S(SM)-UKT208SD1 ; HS2308X	C(CM)-UKT208D1 ; H2308X C(CM)-UKT208ED1 ; HE2308X C(CM)-UKT208SD1 ; HS2308X	13 33/64	14 35/64	82 3 7/32	144 5 21/32	90 3 17/32	UK208D1 ; H2308X UK208D1 ; HE2308X UK208D1 ; HS2308X	T208D1
S(SM)-UKT209D1 ; H2309X S(SM)-UKT209AD1 ; HA2309 S(SM)-UKT209ED1 ; HE2309X S(SM)-UKT209SD1 ; HS2309X	C(CM)-UKT209D1 ; H2309X C(CM)-UKT209AD1 ; HA2309 C(CM)-UKT209ED1 ; HE2309X C(CM)-UKT209SD1 ; HS2309X	12 15/32	16 5/8	82 3 7/32	145.5 5 23/32	95 3 3/4	UK209D1 ; H2309X UK209D1 ; HA2309 UK209D1 ; HE2309X UK209D1 ; HS2309X	T209D1
S(SM)-UKT210D1 ; H2310X S(SM)-UKT210SD1 ; HS2310 S(SM)-UKT210AD1 ; HA2310 S(SM)-UKT210ED1 ; HE2310X	C(CM)-UKT210D1 ; H2310X C(CM)-UKT210SD1 ; HS2310 C(CM)-UKT210AD1 ; HA2310 C(CM)-UKT210ED1 ; HE2310X	13 33/64	17 21/32	87 3 7/16	152 5 31/32	100 3 15/16	UK210D1 ; H2310X UK210D1 ; HS2310 UK210D1 ; HA2310 UK210D1 ; HE2310X	T210D1
S(SM)-UKT211D1 ; H2311X S(SM)-UKT211SD1 ; HS2311 S(SM)-UKT211AD1 ; HA2311 S(SM)-UKT211ED1 ; HE2311XY	C(CM)-UKT211D1 ; H2311X C(CM)-UKT211SD1 ; HS2311 C(CM)-UKT211AD1 ; HA2311 C(CM)-UKT211ED1 ; HE2311XY	14 35/64	15 19/32	92 3 5/8	171.5 6 3/4	100 3 15/16	UK211D1 ; H2311X UK211D1 ; HS2311 UK211D1 ; HA2311 UK211D1 ; HE2311XY	T211D1

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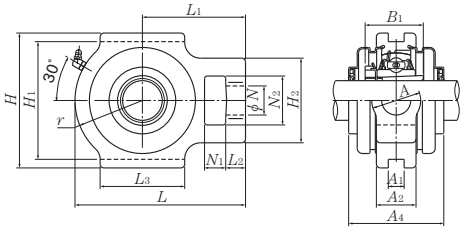
Units	Shaft Dia.
Metric	55 - 75 mm
Standard	2⅛ - 3 in

TAKE-UP UNIT – STANDARD DUTY, TAPERED BORE

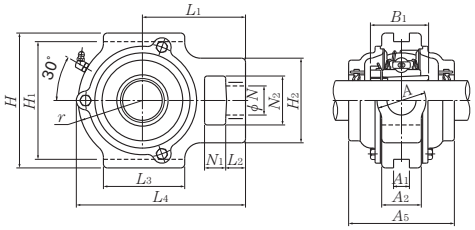
Shaft Dia.	Part Number	Nominal Dimensions														
		N_1	L_2	H_2	N_2	N	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B_1
55	**UKT212D1 ; H2312X**	32	21	102	64	35	102	22	130	146	194	42	64	75	119	62
2⅛	**UKT212D1 ; HS2312**	1¼	13/16	4 1/32	2 17/32	1⅜	4 1/32	0.866	5⅛	5¾	7⅝	1 21/32	2 17/32	2 15/16	4 11/16	2.441
60	**UKT213D1 ; H2313X**	32	23	111	70	41	121	26	151	167	224	44	70	87	137	65
2 3/16	**UKT213D1 ; HA2313**															
2¼	**UKT213D1 ; HE2313X**	1¼	29/32	4⅜	2¾	1⅝	4¾	1.024	5 15/16	6 9/16	8 13/16	1 23/32	2¾	3 7/16	5 13/32	2.559
2⅜	**UKT213D1 ; HS2313X**															
65	**UKT215D1 ; H2315X**	32	23	111	70	41	121	26	151	167	232	48	70	92	140	73
2 7/16	**UKT215D1 ; HA2315**	1¼	29/32	4⅜	2¾	1⅝	4¾	1.024	5 15/16	6 9/16	9⅛	1⅞	2¾	3⅝	5½	2.874
2½	**UKT215D1 ; HE2315X**															
70	**UKT216D1 ; H2316X**	32	23	111	70	41	121	26	165	184	235	51	70	95	140	78
2 11/16	**UKT216D1 ; HA2316**	1¼	29/32	4⅜	2¾	1⅝	4¾	1.024	6½	7¼	9¼	2	2¾	3¾	5½	3.071
2¾	**UKT216D1 ; HE2316X**															
75	**UKT217D1 ; H2317X**	38	31	124	73	48	157	30	173	198	260	54	73	98	162	82
2 15/16	**UKT217D1 ; HA2317X**	1½	1 7/32	4⅞	2⅞	1⅞	6 3/16	1.181	6 13/16	7 25/32	10¼	2⅛	2⅞	3 27/32	6⅜	3.228
3	**UKT217D1 ; HE2317X**															

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.

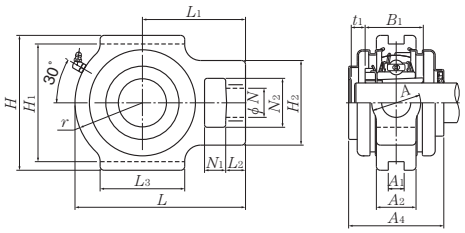
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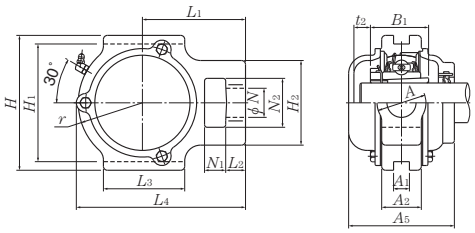
Pressed Steel Dust Cover – Open
S-UKT…D1



Cast Steel Dust Cover – Open
C-UKT…D1



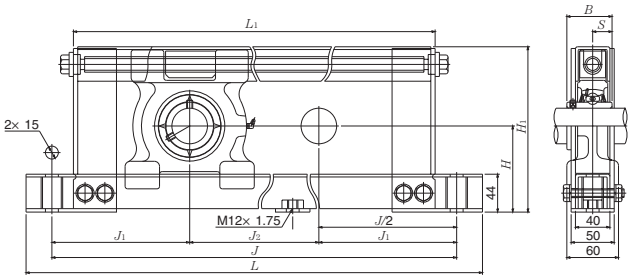
Pressed Steel Dust Cover – Closed
SM-UKT…D1



Cast Steel Dust Cover – Closed
CM-UKT…D1

TAKE-UP UNIT – STANDARD DUTY, TAPERED BORE (continued)

Part Number Pressed Steel Dust Cover	Part Number Cast Steel Dust Cover	Nominal Dimensions					Insert Number	Housing Number
		t_1	t_2	A_4	L_4	A_5		
S(SM)-UKT212D1 ; H2312X S(SM)-UKT212SD1 ; HS2312	C(CM)-UKT212D1 ; H2312X C(CM)-UKT212SD1 ; HS2312	16 5/8	20 25/32	102 4 1/32	194 7 5/8	115 4 17/32	UK212D1 ; H2312X UK212D1 ; HS2312	T212D1
S(SM)-UKT213D1 ; H2313X S(SM)-UKT213AD1 ; HA2313 S(SM)-UKT213ED1 ; HE2313X S(SM)-UKT213SD1 ; HS2313X	C(CM)-UKT213D1 ; H2313X C(CM)-UKT213AD1 ; HA2313 C(CM)-UKT213ED1 ; HE2313X C(CM)-UKT213SD1 ; HS2313X	17 21/32	21 13/16	107 4 7/32	224 8 13/16	120 4 23/32	UK213D1 ; H2313X UK213D1 ; HA2313 UK213D1 ; HE2313X UK213D1 ; HS2313X	T213D1
–	C(CM)-UKT215D1 ; H2315X C(CM)-UKT215AD1 ; HA2315 C(CM)-UKT215ED1 ; HE2315X	–	24 15/16	–	232 9 1/8	135 5 5/16	UK215D1 ; H2315X UK215D1 ; HA2315 UK215D1 ; HE2315X	T215D1
–	C(CM)-UKT216D1 ; H2316X C(CM)-UKT216AD1 ; HA2316 C(CM)-UKT216ED1 ; HE2316X	–	27 1 1/16	–	235 9 1/4	145 5 23/32	UK216D1 ; H2316X UK216D1 ; HA2316 UK216D1 ; HE2316X	T216D1
–	C(CM)-UKT217D1 ; H2317X C(CM)-UKT217AD1 ; HA2317X C(CM)-UKT217ED1 ; HE2317X	–	30 1 3/16	–	260 10 1/4	155 6 3/32	UK217D1 ; H2317X UK217D1 ; HA2317X UK217D1 ; HE2317X	T217D1

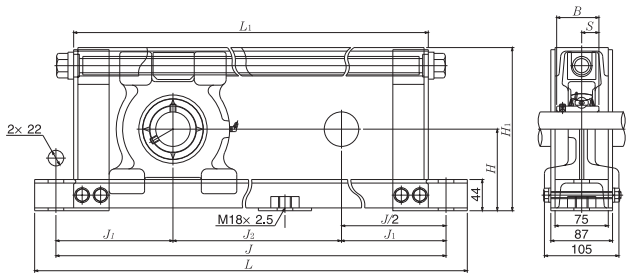


Units	Shaft Dia.
Metric	20 - 45 mm

TYPE L STRETCHER UNIT – SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number
		H	L	J	J_2	L_1	J_1	H_1	B	S		
20	UCL204-10D1	77	430	370	100	320	135	146	31.0	12.7	M12	UC204D1
	UCL204-20D1		530	470	200	420						
	UCL204-30D1		630	570	300	520						
	UCL204-40D1		730	670	400	620						
25	UCL205-10D1	82	440	380	100	330	140	156	34.1	14.3	M12	UC205D1
	UCL205-20D1		540	480	200	430						
	UCL205-30D1		640	580	300	530						
	UCL205-40D1		740	680	400	630						
30	UCL206-10D1	87	450	390	100	340	145	166	38.1	15.9	M12	UC206D1
	UCL206-20D1		550	490	200	440						
	UCL206-30D1		650	590	300	540						
	UCL206-40D1		750	690	400	640						
35	UCL207-10D1	92	460	400	100	350	150	176	42.9	17.5	M12	UC207D1
	UCL207-20D1		560	500	200	450						
	UCL207-30D1		660	600	300	550						
	UCL207-40D1		760	700	400	650						
40	UCL208-10D1	97	470	410	100	360	155	186	49.2	19.0	M12	UC208D1
	UCL208-20D1		570	510	200	460						
	UCL208-30D1		670	610	300	560						
	UCL208-40D1		770	710	400	660						
45	UCL209-10D1	100	480	420	100	370	160	192	49.2	19.0	M12	UC209D1
	UCL209-20D1		580	520	200	470						
	UCL209-30D1		680	620	300	570						
	UCL209-40D1		780	720	400	670						

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. The Stretcher Unit is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing. Installation of relubrication device to the grease fitting becomes difficult, when the housing moved to the right side.

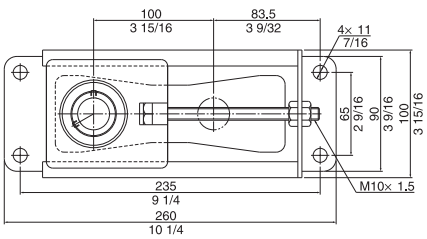


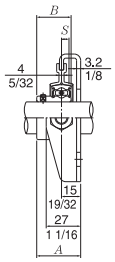
Units	Shaft Dia.
Metric	40 - 65 mm

TYPE M STRETCHER UNIT – SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions									Bolt Size	Insert Number
		H	L	J	J_2	L_1	J_1	H_1	B	S		
	UCM208-50D1		870	810	500	760						
	UCM208-60D1		970	910	600	860						
40	UCM208-70D1	97	1,070	1,010	700	960	155	190	49.2	19.0	M18	UC208D1
	UCM208-80D1		1,170	1,110	800	1,060						
	UCM208-90D1		1,270	1,210	900	1,160						
	UCM209-50D1		880	820	500	770						
	UCM209-60D1		980	920	600	870						
45	UCM209-70D1	102	1,080	1,020	700	970	160	200	49.2	19.0	M18	UC209D1
	UCM209-80D1		1,180	1,120	800	1,070						
	UCM209-90D1		1,280	1,220	900	1,170						
	UCM210-50D1		890	830	500	780						
	UCM210-60D1		990	930	600	880						
50	UCM210-70D1	107	1,090	1,030	700	980	165	210	51.6	19.0	M18	UC210D1
	UCM210-80D1		1,190	1,130	800	1,080						
	UCM210-90D1		1,290	1,230	900	1,180						
	UCM211-50D1		910	850	500	800						
	UCM211-60D1		1,010	950	600	900						
55	UCM211-70D1	115	1,110	1,050	700	1,000	175	230	55.6	22.2	M18	UC211D1
	UCM211-80D1		1,210	1,150	800	1,100						
	UCM211-90D1		1,310	1,250	900	1,200						
	UCM212-50D1		920	860	500	810						
	UCM212-60D1		1,020	960	600	910						
60	UCM212-70D1	120	1,120	1,060	700	1,010	180	240	65.1	25.4	M18	UC212D1
	UCM212-80D1		1,220	1,160	800	1,110						
	UCM212-90D1		1,320	1,260	900	1,210						
	UCM213-50D1		940	880	500	830						
	UCM213-60D1		1,040	980	600	930						
65	UCM213-70D1	125	1,140	1,080	700	1,030	190	250	65.1	25.4	M18	UC213D1
	UCM213-80D1		1,240	1,180	800	1,130						
	UCM213-90D1		1,340	1,280	900	1,230						

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. The Stretcher Unit is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing. Installation of relubrication device to the grease fitting becomes difficult, when the housing moved to the right side.





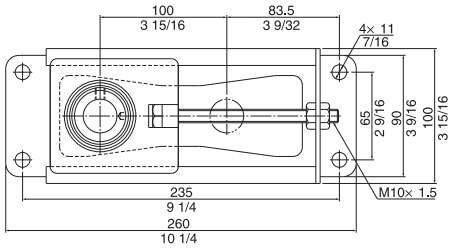
Units	Shaft Dia.
Metric	12 - 25 mm
Standard	½ - 1 in

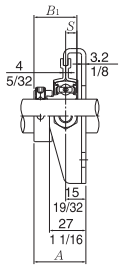
MINI STRETCHER UNIT – SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions			Bolt Size	Insert Number
		A	B	S		
12	ASPT201-10	31	22	6	M10	AS201
½	ASPT201-008-10	1 7/32	0.866	0.236	⅜	AS201-008
15	ASPT202-10	31	22	6	M10	AS202
9/16	ASPT202-009-10	1 7/32	0.866	0.236	⅜	AS202-009
⅝	ASPT202-010-10					AS202-010
17	ASPT203-10	31	22	6	M10	AS203
11/16	ASPT203-011-10	1 7/32	0.866	0.236	⅜	AS203-011
20	ASPT204-10	33	25	7	M10	AS204
¾	ASPT204-012-10	1 19/64	0.984	0.276	⅜	AS204-012
25	ASPT205-10	34.5	27	7.5	M10	AS205
13/16	ASPT205-013-10	1 23/64	1.063	0.295	⅜	AS205-013
⅞	ASPT205-014-10					AS205-014
15/16	ASPT205-015-10					AS205-015
1	ASPT205-100-10					AS205-100

Note: These numbers indicate maintenance free type. If relubricatable type is needed, please order with the suffix D1. The Stretcher Unit is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing. Installation of relubrication device to the grease fitting becomes difficult, when the housing moved to the right side.

Units	Shaft Dia.
Metric	12 - 25 mm
Standard	½ - 1 in

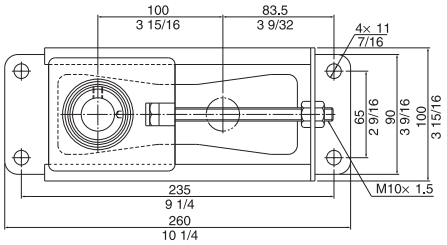


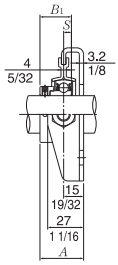


MINI STRETCHER UNIT – ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions			Bolt Size	Insert Number
		A	B_1	S		
12	**AELPT201-10W3**	37.1	28.6	6.5	M10	**AEL201W3**
½	**AELPT201-008-10W3**	1 29/64	1.126	0.256	⅜	**AEL201-008W3**
15	**AELPT202-10W3**	37.1	28.6	6.5	M10	**AEL202W3**
9/16	**AELPT202-009-10W3**	1 29/64	1.126	0.256	⅜	**AEL202-009W3**
⅝	**AELPT202-010-10W3**					**AEL202-010W3**
17	**AELPT203-10W3**	37.1	28.6	6.5	M10	**AEL203W3**
11/16	**AELPT203-011-10W3**	1 29/64	1.126	0.256	⅜	**AEL203-011W3**
20	**AELPT204-10W3**	38.5	31.0	7.5	M10	**AEL204W3**
¾	**AELPT204-012-10W3**	1 33/64	1.220	0.295	⅜	**AEL204-012W3**
25	**AELPT205-10W3**	38.5	31.0	7.5	M10	**AEL205W3**
13/16	**AELPT205-013-10W3**	1 33/64	1.220	0.295	⅜	**AEL205-013W3**
⅞	**AELPT205-014-10W3**					**AEL205-014W3**
15/16	**AELPT205-015-10W3**					**AEL205-015W3**
1	**AELPT205-100-10W3**					**AEL205-100W3**

Note: The Stretcher Unit is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing. W3 suffix indicates set screw, cup point.





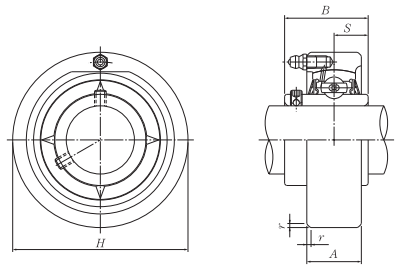
Units	Shaft Dia.
Metric	12 - 25 mm
Standard	½ - 1 in

MINI STRETCHER UNIT – ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions			Bolt Size	Insert Number
		A	B_1	S		
12	JELPT201-10W3	37.1	28.6	6.5	M10	JEL201W3
½	JELPT201-008-10W3	1²⁹⁄₆₄	1.126	0.256	⅜	JEL201-008W3
15	JELPT202-10W3	37.1	28.6	6.5	M10	JEL202W3
⁹⁄₁₆	JELPT202-009-10W3	1²⁹⁄₆₄	1.126	0.256	⅜	JEL202-009W3
⅝	JELPT202-010-10W3					JEL202-010W3
17	JELPT203-10W3	37.1	28.6	6.5	M10	JEL203W3
¹¹⁄₁₆	JELPT203-011-10W3	1²⁹⁄₆₄	1.126	0.256	⅜	JEL203-011W3
20	JELPT204-10W3	38.5	31	7.5	M10	JEL204W3
¾	JELPT204-012-10W3	1³³⁄₆₄	1.220	0.295	⅜	JEL204-012W3
25	JELPT205-10W3	38.5	31.0	7.5	M10	JEL205W3
¹³⁄₁₆	JELPT205-013-10W3	1³³⁄₆₄	1.220	0.295	⅜	JEL205-013W3
⅞	JELPT205-014-10W3					JEL205-014W3
¹⁵⁄₁₆	JELPT205-015-10W3					JEL205-015W3
1	JELPT205-100-10W3					JEL205-100W3

Note: The Stretcher Unit is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing. W3 suffix indicates set screw, cup point.

Units	Shaft Dia.
Metric	12 - 45 mm
Standard	½ - 1¾ in

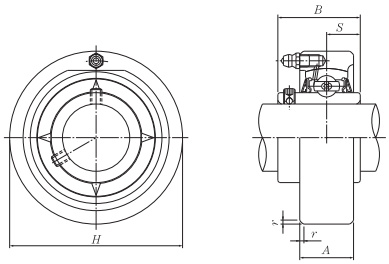


CARTRIDGE UNIT – STANDARD DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions					Insert Number	Housing Number
		H	A	r	B	S		
12	UCC201D1	72	20	2	31	12.7	UC201D1	C204D1
½	UCC201-008D1	2.835	25/32	0.079	1.221	0.500	UC201-008D1	
15	UCC202D1	72	20	2	31	12.7	UC202D1	C204D1
9/16	UCC202-009D1	2.835	25/32	0.079	1.221	0.500	UC202-009D1	
5/8	UCC202-010D1						UC202-010D1	
17	UCC203D1	72	20	2	31	12.7	UC203D1	C204D1
11/16	UCC203-011D1	2.835	25/32	0.079	1.221	0.500	UC203-011D1	
20	UCC204D1	72	20	2	31	12.7	UC204D1	C204D1
3/4	UCC204-012D1	2.835	25/32	0.079	1.221	0.500	UC204-012D1	
25	UCC205D1	80	22	2	34.1	14.3	UC205D1	C205D1
13/16	UCC205-013D1	3.150	55/64	0.079	1.343	0.563	UC205-013D1	
7/8	UCC205-014D1						UC205-014D1	
15/16	UCC205-015D1						UC205-015D1	
1	UCC205-100D1						UC205-100D1	
30	UCC206D1	85	27	2	38.1	15.9	UC206D1	C206D1
1 1/16	UCC206-101D1	3.347	1 1/16	0.079	1.500	0.626	UC206-101D1	
1 1/8	UCC206-102D1						UC206-102D1	
1 3/16	UCC206-103D1						UC206-103D1	
1 1/4	UCC206-104D1						UC206-104D1	
35	UCC207D1	90	28	2	42.9	17.5	UC207D1	C207D1
1 1/4	UCC207-104D1	3.543	1 7/64	0.079	1.689	0.689	UC207-104D1	
1 5/16	UCC207-105D1						UC207-105D1	
1 3/8	UCC207-106D1						UC207-106D1	
1 7/16	UCC207-107D1						UC207-107D1	
40	UCC208D1	100	30	2.5	49.2	19	UC208D1	C208D1
1½	UCC208-108D1	3.937	1 3/16	0.098	1.937	0.748	UC208-108D1	
1 9/16	UCC208-109D1						UC208-109D1	
45	UCC209D1	110	31	2.5	49.2	19	UC209D1	C209D1
1 5/8	UCC209-110D1	4.331	1 7/32	0.098	1.937	0.748	UC209-110D1	
1 11/16	UCC209-111D1						UC209-111D1	
1¾	UCC209-112D1						UC209-112D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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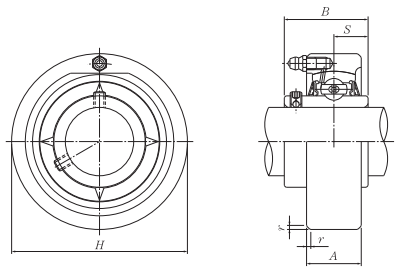
Units	Shaft Dia.
Metric	50 - 65 mm
Standard	1 13/16 - 2 9/16 in

CARTRIDGE UNIT – HEAVY DUTY, SET SCREW (continued)

Shaft Dia.	Part Number	Nominal Dimensions					Insert Number	Housing Number
		H	A	r	B	S		
50	**UCC210D1**	120	33	2.5	51.6	19.0	**UC210D1**	
1 13/16	**UCC210-113D1**						**UC210-113D1**	
1 7/8	**UCC210-114D1**	4.724	1 19/64	0.098	2.032	0.748	**UC210-114D1**	C210D1
1 15/16	**UCC210-115D1**						**UC210-115D1**	
2	**UCC210-200D1**						**UC210-200D1**	
55	**UCC211D1**	125	35	2.5	55.6	22.2	**UC211D1**	
2	**UCC211-200D1**						**UC211-200D1**	
2 1/16	**UCC211-201D1**	4.921	1 3/8	0.098	2.189	0.874	**UC211-201D1**	C211D1
2 1/8	**UCC211-202D1**						**UC211-202D1**	
2 3/16	**UCC211-203D1**						**UC211-203D1**	
60	**UCC212D1**	130	38	2.5	65.1	25.4	**UC212D1**	
2 1/4	**UCC212-204D1**						**UC212-204D1**	
2 5/16	**UCC212-205D1**	5.118	1 1/2	0.098	2.563	1.000	**UC212-205D1**	C212D1
2 3/8	**UCC212-206D1**						**UC212-206D1**	
2 7/16	**UCC212-207D1**						**UC212-207D1**	
65	**UCC213D1**	140	40	3	65.1	25.4	**UC213D1**	
2 1/2	**UCC213-208D1**	5.512	1 37/64	0.118	2.563	1.000	**UC213-208D1**	C213D1
2 9/16	**UCC213-209D1**						**UC213-209D1**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

Units	Shaft Dia.
Metric	25 - 65 mm
Standard	13/16 - 2 9/16 in

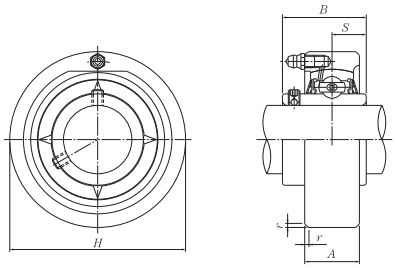


CARTRIDGE UNIT – HEAVY DUTY, SET SCREW

Shaft Dia.	Part Number	Nominal Dimensions					Insert Number	Housing Number
		H	A	r	B	S		
25	UCC305D1	90	26	2.5	38	15	UC305D1	
13/16	UCC305-013D1						UC305-013D1	
7/8	UCC305-014D1	3.543	1 1/32	0.098	1.496	0.591	UC305-014D1	C305D1
15/16	UCC305-015D1						UC305-015D1	
1	UCC305-100D1						UC305-100D1	
30	UCC306D1	100	28	2.5	43	17	UC306D1	
1 1/16	UCC306-101D1						UC306-101D1	
1 1/8	UCC306-102D1	3.937	1 7/64	0.098	1.693	0.669	UC306-102D1	C306D1
1 3/16	UCC306-103D1						UC306-103D1	
35	UCC307D1	110	32	3	48	19	UC307D1	
1 1/4	UCC307-104D1						UC307-104D1	
1 5/16	UCC307-105D1	4.331	1 17/64	0.118	1.890	0.748	UC307-105D1	C307D1
1 3/8	UCC307-106D1						UC307-106D1	
1 7/16	UCC307-107D1						UC307-107D1	
40	UCC308D1	120	34	3	52	19	UC308D1	
1 1/2	UCC308-108D1	4.724	1 11/32	0.118	2.047	0.748	UC308-108D1	C308D1
1 9/16	UCC308-109D1						UC308-109D1	
45	UCC309D1	130	38	3.5	57	22	UC309D1	
1 5/8	UCC309-110D1						UC309-110D1	
1 11/16	UCC309-111D1	5.118	1 1/2	0.138	2.244	0.866	UC309-111D1	C309D1
1 3/4	UCC309-112D1						UC309-112D1	
50	UCC310D1	140	40	3.5	61	22	UC310D1	
1 13/16	UCC310-113D1						UC310-113D1	
1 7/8	UCC310-114D1	5.512	1 37/64	0.138	2.402	0.866	UC310-114D1	C310D1
1 15/16	UCC310-115D1						UC310-115D1	
55	UCC311D1	150	44	3.5	66	25	UC311D1	
2	UCC311-200D1						UC311-200D1	
2 1/16	UCC311-201D1	5.906	1 47/64	0.138	2.598	0.984	UC311-201D1	C311D1
2 1/8	UCC311-202D1						UC311-202D1	
2 3/16	UCC311-203D1						UC311-203D1	
60	UCC312D1	160	46	3.5	71	26	UC312D1	
2 1/4	UCC312-204D1						UC312-204D1	
2 5/16	UCC312-205D1	6.299	1 13/16	0.138	2.795	1.024	UC312-205D1	C312D1
2 3/8	UCC312-206D1						UC312-206D1	
2 7/16	UCC312-207D1						UC312-207D1	
65	UCC313D1	170	50	3.5	75	30	UC313D1	
2 1/2	UCC313-208D1	6.693	1 31/32	0.138	2.953	1.181	UC313-208D1	C313D1
2 9/16	UCC313-209D1						UC313-209D1	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

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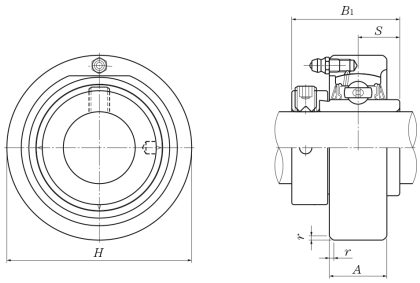
Units	Shaft Dia.
Metric	70 - 140 mm
Standard	2⅝ - 4 in

CARTRIDGE UNIT – STANDARD DUTY, ECCENTRIC LOCK (continued)

Shaft Dia.	Part Number	Nominal Dimensions					Insert Number	Housing Number
		H	A	R	B	S		
70	UCC314D1	180	52	4	78	33	UC314D1	C314D1
2⅝	UCC314-210D1						UC314-210D1	
2 11/16	UCC314-211D1	7.087	2 3/64	0.157	3.071	1.299	UC314-211D1	
2¾	UCC314-212D1						UC314-212D1	
75	UCC315D1	190	55	4	82	32	UC315D1	C315D1
2 13/16	UCC315-213D1						UC315-213D1	
2⅞	UCC315-214D1	7.480	2 11/64	0.157	3.228	1.260	UC315-214D1	
2 15/16	UCC315-215D1						UC315-215D1	
3	UCC315-300D1						UC315-300D1	
80	UCC316D1	200	60	4	86	34	UC316D1	C316D1
3 1/16	UCC316-301D1						UC316-301D1	
3⅛	UCC316-302D1	7.874	2 23/64	0.157	3.386	1.339	UC316-302D1	
3 3/16	UCC316-303D1						UC316-303D1	
85	UCC317D1	215	64	4	96	40	UC317D1	C317D1
3¼	UCC317-304D1						UC317-304D1	
3 5/16	UCC317-305D1	8.465	2 33/64	0.157	3.780	1.575	UC317-305D1	
3 7/16	UCC317-307D1						UC317-307D1	
90	UCC318D1	225	66	4	96	40	UC318D1	C318D1
3½	UCC318-308D1	8.858	2 19/32	0.157	3.780	1.575	UC318-308D1	
95	UCC319D1	240	72	4	103	41	UC319D1	C319D1
3⅜	UCC319-310D1						UC319-310D1	
3 11/16	UCC319-311D1	9.449	2 53/64	0.157	4.055	1.614	UC319-311D1	
3¾	UCC319-312D1						UC319-312D1	
100	UCC320D1	260	75	4	108	42	UC320D1	C320D1
3 13/16	UCC320-313D1						UC320-313D1	
3⅞	UCC320-314D1	10.236	2 61/64	0.157	4.252	1.654	UC320-314D1	
3 15/16	UCC320-315D1						UC320-315D1	
4	UCC320-400D1						UC320-400D1	
105	UCC321D1	260	75	4	112	44	UC321D1	C321D1
110	UCC322D1	300	80	5	117	46	UC322D1	C322D1
120	UCC324D1	320	90	5	126	51	UC324D1	C324D1
130	UCC326D1	340	100	5	135	54	UC326D1	C326D1
140	UCC328D1	360	100	5	145	59	UC328D1	C328D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.

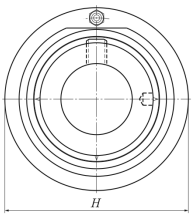
Units	Shaft Dia.
Metric	20 - 60 mm
Standard	¾ - 2 7/16 in

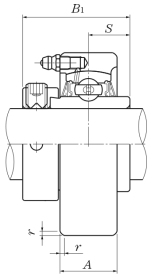


CARTRIDGE UNIT – STANDARD DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions					Insert Number	Housing Number
		H	A	r	B_1	S		
20	UELC204D1W3	72	20	2	43.7	17.1	UEL204D1W3	C204D1
¾	UELC204-012D1W3	2.835	25/32	0.079	1.720	0.673	UEL204-012D1W3	
25	UELC205D1W3	80	22	2	44.4	17.4	UEL205D1W3	C205D1
13/16	UELC205-013D1W3						UEL205-013D1W3	
⅞	UELC205-014D1W3	3.150	55/64	0.079	1.748	0.687	UEL205-014D1W3	
15/16	UELC205-015D1W3						UEL205-015D1W3	
1	UELC205-100D1W3						UEL205-100D1W3	
30	UELC206D1W3	85	27	2	48.4	18.2	UEL206D1W3	C206D1
1 1/16	UELC206-101D1W3						UEL206-101D1W3	
1⅛	UELC206-102D1W3	3.347	1 1/16	0.079	1.906	0.719	UEL206-102D1W3	
1 1/16	UELC206-103D1W3						UEL206-103D1W3	
1¼	UELC206-104D1W3						UEL206-104D1W3	
35	UELC207D1W3	90	28	2	51.1	18.8	UEL207D1W3	C207D1
1¼	UELC207-104D1W3						UEL207-104D1W3	
1 5/16	UELC207-105D1W3	3.543	1 7/64	0.079	2.012	0.740	UEL207-105D1W3	
1⅜	UELC207-106D1W3						UEL207-106D1W3	
1 7/16	UELC207-107D1W3						UEL207-107D1W3	
40	UELC208D1W3	100	30	2.5	56.3	21.4	UEL208D1W3	C208D1
1½	UELC208-108D1W3	3.937	1 3/16	0.098	2.217	0.843	UEL208-108D1W3	
1 9/16	UELC208-109D1W3						UEL208-109D1W3	
45	UELC209D1W3	110	31	2.5	56.3	21.4	UEL209D1W3	C209D1
1⅝	UELC209-110D1W3						UEL209-110D1W3	
1 11/16	UELC209-111D1W3	4.331	1 7/32	0.098	2.217	0.843	UEL209-111D1W3	
1¾	UELC209-112D1W3						UEL209-112D1W3	
50	UELC210D1W3	120	33	2.5	62.7	24.6	UEL210D1W3	C210D1
1 13/16	UELC210-113D1W3						UEL210-113D1W3	
1⅞	UELC210-114D1W3	4.724	1 19/64	0.098	2.469	0.969	UEL210-114D1W3	
1 15/16	UELC210-115D1W3						UEL210-115D1W3	
2	UELC210-200D1W3						UEL210-200D1W3	
55	UELC211D1W3	125	35	2.5	71.4	27.7	UEL211D1W3	C211D1
2	UELC211-200D1W3						UEL211-200D1W3	
2 1/16	UELC211-201D1W3	4.921	1⅜	0.098	2.811	1.093	UEL211-201D1W3	
2⅛	UELC211-202D1W3						UEL211-202D1W3	
2 3/16	UELC211-203D1W3						UEL211-203D1W3	
60	UELC212D1W3	130	38	2.5	77.8	30.9	UEL212D1W3	C212D1
2¼	UELC212-204D1W3						UEL212-204D1W3	
2 5/16	UELC212-205D1W3	5.118	1½	0.098	3.063	1.219	UEL212-205D1W3	
2⅜	UELC212-206D1W3						UEL212-206D1W3	
2 7/16	UELC212-207D1W3						UEL212-207D1W3	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.
W3 suffix indicates set screw, cup point.



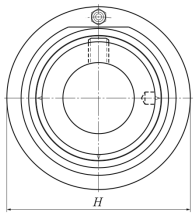


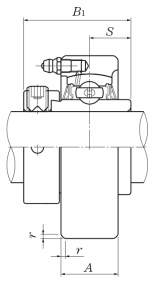
Units	Shaft Dia.
Metric	25 - 65 mm
Standard	13⁄16 - 2 9⁄16 in

CARTRIDGE UNIT – HEAVY DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions					Insert Number	Housing Number
		H	A	r	B_1	S		
25	**UELC305D1W3**	90	26	2.5	46.8	16.7	**UEL305D1W3**	C305D1
13⁄16	**UELC305-013D1W3**	3.543	1 1⁄32	0.098	1.843	0.657	**UEL305-013D1W3**	
7⁄8	**UELC305-014D1W3**						**UEL305-014D1W3**	
15⁄16	**UELC305-015D1W3**						**UEL305-015D1W3**	
1	**UELC305-100D1W3**						**UEL305-100D1W3**	
30	**UELC306D1W3**	100	28	2.5	50.0	17.5	**UEL306D1W3**	C306D1
1 1⁄16	**UELC306-101D1W3**	3.937	1 7⁄64	0.098	1.969	0.689	**UEL306-101D1W3**	
1 1⁄8	**UELC306-102D1W3**						**UEL306-102D1W3**	
1 3⁄16	**UELC306-103D1W3**						**UEL306-103D1W3**	
35	**UELC307D1W3**	110	32	3	51.6	18.3	**UEL307D1W3**	C307D1
1 1⁄4	**UELC307-104D1W3**	4.331	1 17⁄64	0.118	2.031	0.720	**UEL307-104D1W3**	
1 5⁄16	**UELC307-105D1W3**						**UEL307-105D1W3**	
1 3⁄8	**UELC307-106D1W3**						**UEL307-106D1W3**	
1 7⁄16	**UELC307-107D1W3**						**UEL307-107D1W3**	
40	**UELC308D1W3**	120	34	3	57.1	19.8	**UEL308D1W3**	C308D1
1 ½	**UELC308-108D1W3**	4.724	1 1⁄32	0.118	2.248	0.780	**UEL308-108D1W3**	
1 9⁄16	**UELC308-109D1W3**						**UEL308-109D1W3**	
45	**UELC309D1W3**	130	38	3.5	58.7	19.8	**UEL309D1W3**	C309D1
1 5⁄8	**UELC309-110D1W3**	5.118	1½	0.138	2.311	0.780	**UEL309-110D1W3**	
1 11⁄16	**UELC309-111D1W3**						**UEL309-111D1W3**	
1 3⁄4	**UELC309-112D1W3**						**UEL309-112D1W3**	
50	**UELC310D1W3**	140	40	3.5	66.6	24.6	**UEL310D1W3**	C310D1
1 13⁄16	**UELC310-113D1W3**	5.512	1 37⁄64	0.138	2.622	0.969	**UEL310-113D1W3**	
1 7⁄8	**UELC310-114D1W3**						**UEL310-114D1W3**	
1 15⁄16	**UELC310-115D1W3**						**UEL310-115D1W3**	
55	**UELC311D1W3**	150	44	3.5	73.0	27.8	**UEL311D1W3**	C311D1
2	**UELC311-200D1W3**	5.906	1 47⁄64	0.138	2.874	1.094	**UEL311-200D1W3**	
2 1⁄16	**UELC311-201D1W3**						**UEL311-201D1W3**	
2 1⁄8	**UELC311-202D1W3**						**UEL311-202D1W3**	
2 3⁄16	**UELC311-203D1W3**						**UEL311-203D1W3**	
60	**UELC312D1W3**	160	46	3.5	79.4	30.9	**UEL312D1W3**	C312D1
2 1⁄4	**UELC312-204D1W3**	6.299	1 13⁄16	0.138	3.126	1.219	**UEL312-204D1W3**	
2 5⁄16	**UELC312-205D1W3**						**UEL312-205D1W3**	
2 3⁄8	**UELC312-206D1W3**						**UEL312-206D1W3**	
2 7⁄16	**UELC312-207D1W3**						**UEL312-207D1W3**	
65	**UELC313D1W3**	170	50	3.5	85.7	32.5	**UEL313D1W3**	C313D1
2 1⁄2	**UELC313-208D1W3**	6.693	1 31⁄32	0.138	3.374	1.281	**UEL313-208D1W3**	
2 9⁄16	**UELC313-209D1W3**						**UEL313-209D1W3**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.
W3 suffix indicates set screw, cup point.



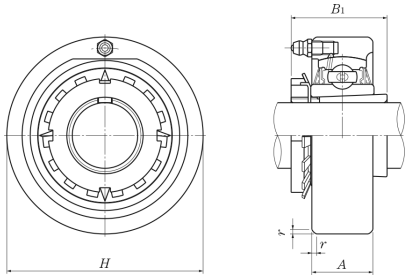


Units	Shaft Dia.
Metric	70 - 110 mm
Standard	2⅝ - 4 in

CARTRIDGE UNIT – HEAVY DUTY, ECCENTRIC LOCK

Shaft Dia.	Part Number	Nominal Dimensions					Insert Number	Housing Number
		H	A	r	B_1	S		
70	**UELC314D1W3**	180	52	4	92.1	34.1	**UEL314D1W3**	
2⅝	**UELC314-210D1W3**						**UEL314-210D1W3**	C314D1
2 11/16	**UELC314-211D1W3**	7.087	2 3/64	0.157	3.626	1.344	**UEL314-211D1W3**	
2¾	**UELC314-212D1W3**						**UEL314-212D1W3**	
75	**UELC315D1W3**	190	55	4	100.0	37.3	**UEL315D1W3**	
2 13/16	**UELC315-213D1W3**						**UEL315-213D1W3**	
2⅞	**UELC315-214D1W3**	7.480	2 11/64	0.157	3.937	1.469	**UEL315-214D1W3**	C315D1
2 15/16	**UELC315-215D1W3**						**UEL315-215D1W3**	
3	**UELC315-300D1W3**						**UEL315-300D1W3**	
80	**UELC316D1W3**	200	60	4	106.4	40.5	**UEL316D1W3**	
3 1/16	**UELC316-301D1W3**						**UEL316-301D1W3**	
3⅛	**UELC316-302D1W3**	7.874	2 23/64	0.157	4.189	1.594	**UEL316-302D1W3**	C316D1
3 3/16	**UELC316-303D1W3**						**UEL316-303D1W3**	
85	**UELC317D1W3**	215	64	4	106.4	40.5	**UEL317D1W3**	
3¼	**UELC317-304D1W3**						**UEL317-304D1W3**	
3 5/16	**UELC317-305D1W3**	8.465	2 33/64	0.157	4.311	1.656	**UEL317-305D1W3**	C317D1
3 7/16	**UELC317-307D1W3**						**UEL317-307D1W3**	
90	**UELC318D1W3**	225	66	4	115.9	43.6	**UEL318D1W3**	
3 7/16	**UELC318-307D1W3**	8.858	2 19/32	0.157	4.563	1.719	**UEL318-307D1W3**	C318D1
3½	**UELC318-308D1W3**						**UEL318-308D1W3**	
95	**UELC319D1W3**	240	72	4	122.3	38.9	**UEL319D1W3**	
3⅜	**UELC319-310D1W3**						**UEL319-310D1W3**	
3 11/16	**UELC319-311D1W3**	9.449	2 53/64	0.157	4.815	1.531	**UEL319-311D1W3**	C319D1
3¾	**UELC319-312D1W3**						**UEL319-312D1W3**	
100	**UELC320D1W3**	260	75	4	128.6	50.0	**UEL320D1W3**	
3 13/16	**UELC320-313D1W3**						**UEL320-313D1W3**	
3⅞	**UELC320-314D1W3**	10.236	2 61/64	0.157	5.063	1.969	**UEL320-314D1W3**	C320D1
3 15/16	**UELC320-315D1W3**						**UEL320-315D1W3**	
4	**UELC320-400D1W3**						**UEL320-400D1W3**	
105	**UELC321D1W3**	260	75	4	139.7	48.4	**UEL321D1W3**	C321D1
110	**UELC322D1W3**	300	80	5	141.3	49.2	**UEL322D1W3**	C322D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.
W3 suffix indicates set screw, cup point.



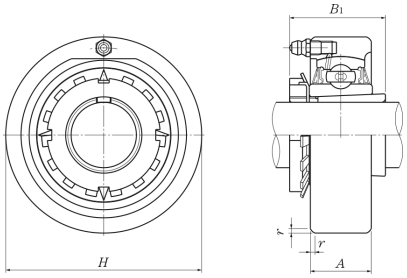
Units	Shaft Dia.
Metric	20 - 60 mm
Standard	¾ - 2⅜ in

CARTRIDGE UNIT – STANDARD DUTY, TAPERED BORE

Shaft Dia.	Part Number	Nominal Dimensions				Insert Number	Housing Number
		H	A	r	B_1		
20	**UKC205D1 ; H2305X**	80	22	2	35	**UK205D1 ; H2305X**	C205D1
¾	**UKC205D1 ; HE2305**	3.150	55/64	0.079	1.378	**UK205D1 ; HE2305**	
25	**UKC206D1 ; H2306X**	85	27	2	38	**UK206D1 ; H2306X**	C206D1
⅞	**UKC206D1 ; HS2306**	3.347	1 1/16	0.079	1.496	**UK206D1 ; HS2306**	
1	**UKC206D1 ; HE2306X**					**UK206D1 ; HE2306X**	
30	**UKC207D1 ; H2307X**	90	28	2	43	**UK207D1 ; H2307X**	C207D1
1⅛	**UKC207D1 ; HS2307**	3.543	1 7/64	0.079	1.693	**UK207D1 ; HS2307**	
35	**UKC208D1 ; H2308X**	100	30	2.5	46	**UK208D1 ; H2308X**	C208D1
1¼	**UKC208D1 ; HE2308X**	3.937	1 3/16	0.098	1.811	**UK208D1 ; HE2308X**	
1⅜	**UKC208D1 ; HS2308X**					**UKC208D1 ; HS2308X**	
40	**UKC209D1 ; H2309X**	110	31	2.5	50	**UK209D1 ; H2309X**	C209D1
1 7/16	**UKC209D1 ; HA2309**					**UK209D1 ; HA2309**	
1½	**UKC209D1 ; HE2309X**	4.331	1 7/32	0.098	1.969	**UK209D1 ; HE2309X**	
1⅝	**UKC209D1 ; HS2309X**					**UK209D1 ; HS2309X**	
45	**UKC210D1 ; H2310X**	120	33	2.5	55	**UK210D1 ; H2310X**	C210D1
1⅝	**UKC210D1 ; HS2310**					**UK210D1 ; HS2310**	
1 11/16	**UKC210D1 ; HA2310**	4.724	1 19/64	0.098	2.165	**UK210D1 ; HA2310**	
1¾	**UKC210D1 ; HE2310X**					**UK210D1 ; HE2310X**	
50	**UKC211D1 ; H2311X**	125	35	2.5	59	**UK211D1 ; H2311X**	C211D1
1⅞	**UKC211D1 ; HS2311**					**UK211D1 ; HS2311**	
1 15/16	**UKC211D1 ; HA2311**	4.921	1⅜	0.098	2.323	**UK211D1 ; HA2311**	
2	**UKC211D1 ; HE2311XY**					**UK211D1 ; HE2311XY**	
55	**UKC212D1 ; H2312X**	130	38	2.5	62	**UK212D1 ; H2312X**	C212D1
2⅛	**UKC212D1 ; HS2312**	5.118	1½	0.098	2.441	**UK212D1 ; HS2312**	
60	**UKC213D1 ; H2313X**	140	40	3	65	**UK213D1 ; H2313X**	C213D1
2 3/16	**UKC213D1 ; HA2313**					**UK213D1 ; HA2313**	
2¼	**UKC213D1 ; HE2313X**	5.512	1 37/64	0.118	2.559	**UK213D1 ; HE2313X**	
2⅜	**UKC213D1 ; HS2313X**					**UK213D1 ; HS2313X**	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix Y is added.

Units	Shaft Dia.
Metric	20 - 65 mm
Standard	¾ - 2½ in

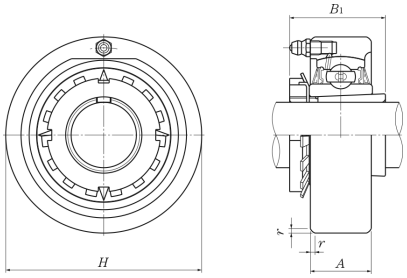


CARTRIDGE UNIT – HEAVY DUTY, TAPERED BORE

Shaft Dia.	Part Number	Nominal Dimensions				Insert Number	Housing Number
		H	A	r	B_1		
20 ¾	UKC305D1 ; H2305X UKC305D1 ; HE2305	90 3.543	26 1 1/32	2.5 0.098	35 1.378	UK305D1 ; H2305X UK305D1 ; HE2305	C305D1
25 ⅞ 1	UKC306D1 ; H2306X UKC306D1 ; HS2306 UKC306D1 ; HE2306X	100 3.937	28 1 7/64	2.5 0.098	38 1.496	UK306D1 ; H2306X UK306D1 ; HS2306 UK306D1 ; HE2306X	C306D1
30 1⅛	UKC307D1 ; H2307X UKC307D1 ; HS2307	110 4.331	32 1 17/64	3 0.118	43 1.693	UK307D1 ; H2307X UK307D1 ; HS2307	C307D1
35 1¼ 1⅜	UKC308D1 ; H2308X UKC308D1 ; HE2308X UKC308D1 ; HS2308X	120 4.724	34 1 11/32	3 0.118	46 1.811	UK308D1 ; H2308X UK308D1 ; HE2308X UK308D1 ; HS2308X	C308D1
40 1 7/16 1½ 1⅝	UKC309D1 ; H2309X UKC309D1 ; HA2309 UKC309D1 ; HE2309X UKC309D1 ; HS2309X	130 5.118	38 1½	3.5 0.138	50 1.969	UK309D1 ; H2309X UK309D1 ; HA2309 UK309D1 ; HE2309X UK309D1 ; HS2309X	C309D1
45 1⅝ 1 11/16 1¾	UKC310D1 ; H2310X UKC310D1 ; HS2310 UKC310D1 ; HA2310 UKC310D1 ; HE2310X	140 5.512	40 1 37/64	3.5 0.138	55 2.165	UK310D1 ; H2310X UK310D1 ; HS2310 UK310D1 ; HA2310 UK310D1 ; HE2310X	C310D1
50 1⅞ 1 15/16 2	UKC311D1 ; H2311X UKC311D1 ; HS2311 UKC311D1 ; HA2311 UKC311D1 ; HE2311XY	150 5.906	44 1 47/64	3.5 0.138	59 2.323	UK311D1 ; H2311X UK311D1 ; HS2311 UK311D1 ; HA2311 UK311D1 ; HE2311XY	C311D1
55 2⅛	UKC312D1 ; H2312X UKC312D1 ; HS2312	160 6.299	46 1 13/16	3.5 0.138	62 2.441	UK312D1 ; H2312X UK312D1 ; HS2312	C312D1
60 2 3/16 2¼ 2⅜	UKC313D1 ; H2313X UKC313D1 ; HA2313 UKC313D1 ; HE2313X UKC313D1 ; HS2313X	170 6.693	50 1 31/32	3.5 0.138	65 2.559	UK313D1 ; H2313X UK313D1 ; HA2313 UK313D1 ; HE2313X UK313D1 ; HS2313X	C313D1
65 2 7/16 2½	UKC315D1 ; H2315X UKC315D1 ; HA2315 UKC315D1 ; HE2315X	190 7.480	55 2 11/16	4 0.157	73 2.874	UK315D1 ; H2315X UK315D1 ; HA2315 UK315D1 ; HE2315X	C315D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix Y is added.

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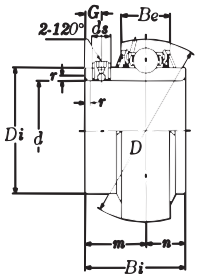


Units	Shaft Dia.
Metric	70 - 125 mm
Standard	2 11/16 - 3 1/2 in

CARTRIDGE UNIT – HEAVY DUTY, TAPERED BORE (continued)

Shaft Dia.	Part Number	Nominal Dimensions				Insert Number [2) 3)]	Housing Number
		H	A	r	B_1		
70	**UKC316D1 ; H2316X**	200	60	4	78	**UK316D1 ; H2316X**	
2 11/16	**UKC316D1 ; HA2316**	7.874	2 23/64	0.157	3.071	**UK316D1 ; HA2316**	C316D1
2 3/4	**UKC316D1 ; HE2316X**					**UK316D1 ; HE2316X**	
75	**UKC317D1 ; H2317X**	215	64	4	82	**UK317D1 ; H2317X**	
2 15/16	**UKC317D1 ; HA2317X**	8.465	2 33/64	0.157	3.228	**UK317D1 ; HA2317X**	C317D1
3	**UKC317D1 ; HE2317X**					**UK317D1 ; HE2317X**	
80	**UKC318D1 ; H2318X**	225	66	4	86	**UK318D1 ; H2318X**	C318D1
3 3/16	**UKC318D1 ; HA2318X**	8.858	2 19/32	0.157	3.386	**UK318D1 ; HA2318X**	
85	**UKC319D1 ; H2319X**	240	72	4	90	**UK319D1 ; H2319X**	C319D1
3 1/4	**UKC319D1 ; HE2319X**	9.449	2 53/64	0.157	3.543	**UK319D1 ; HE2319X**	
90	**UKC320D1 ; H2320X**	260	75	4	97	**UK320D1 ; H2320X**	
3 7/16	**UKC320D1 ; HA2320**	10.236	2 61/64	0.157	3.819	**UK320D1 ; HA2320**	C320D1
3 1/2	**UKC320D1 ; HE2320X**					**UK320D1 ; HE2320X**	
100	**UKC322D1 ; H2322X**	300	80	5	105	**UK322D1 ; H2322X**	C322D1
110	**UKC324D1 ; H2324X**	320	90	5	112	**UK324D1 ; H2324X**	C324D1
115	**UKC326D1 ; H2326**	340	100	5	121	**UK326D1 ; H2326**	C326D1
125	**UKC328D1 ; H2328**	360	100	5	131	**UK328D1 ; H2328**	C328D1

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix Y is added.

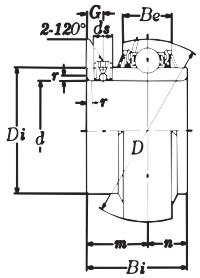


Units	Shaft Dia.	Load Rating
Metric	12 - 50 mm	Newton
Standard	½ - 2 in	Lbs.

INSERT – STANDARD DUTY, SET SCREW, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
12	UC201D1	47	31.0	18	1	12.7	18.3	4.5	29.6	M5 X 0.8	12,800	6,650	11,000
½	UC201-008D1	1.850	1.220	.709	.039	.500	.720	.177	1.165	10-32UNF	2,890	1,500	
15	UC202D1	47	31.0	18	1	12.7	18.3	4.5	29.6	M5 X 0.8	12,800	6,650	10,000
9/16	UC202-009D1	1.850	1.220	.709	.039	.500	.720	.177	1.165	10-32UNF	2,890	1,500	
5/8	UC202-010D1												
17	UC203D1	47	31.0	18	1	12.7	18.3	4.5	29.6	M5 X 0.8	12,800	6,650	8,000
11/16	UC203-011D1	1.850	1.220	.709	.039	.500	.720	.177	1.165	10-32UNF	2,890	1,500	
20	UC204D1	47	31.0	18	1.5	12.7	18.3	4.5	29.6	M5 X 0.8	12,800	6,650	6,700
¾	UC204-012D1	1.850	1.220	.709	.059	.500	.720	.177	1.165	10-32UNF	2,890	1,500	
25	UC205D1	52	34.0	18	1.5	14.3	19.7	5	33.9	M5 X 0.8	14,000	7,850	5,900
13/16	UC205-013D1	2.047	1.339	.709	.059	.563	.776	.197	1.335	10-32UNF	3,150	1,770	
7/8	UC205-014D1												
15/16	UC205-015D1												
1	UC205-100D1												
30	UC206D1	62	38.1	20	1.5	15.9	22.2	5	40.8	M6 X 0.75	19,500	11,300	4,900
1 1/16	UC206-101D1	2.441	1.500	.787	.059	.626	.874	.197	1.606	¼-28UNF	4,400	2,540	
1⅛	UC206-102D1												
1 3/16	UC206-103D1												
1¼	UC206-104D1												
35	UC207D1	72	42.9	22	2	17.5	25.4	6	46.8	M6 X 0.75	25,700	15,300	4,200
1¼	UC207-104D1	2.835	1.689	.866	.079	.689	1.000	.236	1.843	¼-28UNF	5,750	3,450	
1 5/16	UC207-105D1												
1⅜	UC207-106D1												
1 7/16	UC207-107D1												
40	UC208D1	80	49.2	24	2	19.0	30.2	8	53.0	M8 X 1	29,100	17,800	3,700
1½	UC208-108D1	3.150	1.937	.945	.079	.748	1.189	.315	2.087	5/16-24UNF	6,550	4,000	
1 9/16	UC209-109D1												
45	UC209D1	85	49.2	24	2	19.0	30.2	8	57.5	M8 X 1	32,500	20,400	3,500
1⅝	UC209-110D1	3.347	1.937	.945	.079	.748	1.189	.315	2.264	5/16-24UNF	7,350	4,600	
1 11/16	UC209-111D1												
1¾	UC209-112D1												
50	UC210D1	90	51.6	25	2	19.0	32.6	9	62.4	M8 X 1	35,000	23,200	3,100
1 13/16	UC210-113D1	3.543	2.031	.984	.079	.748	1.283	.354	2.457	5/16-24UNF	7,900	5,200	
1⅞	UC210-114D1												
1 15/16	UC210-115D1												
2	UC210-200D1												
55	UC211D1	100	55.6	27	2.5	22.2	33.4	9	69.0	M8 X 1	43,500	29,200	2,900
2	UC211-200D1	3.937	2.189	1.063	.098	.874	1.315	.354	2.717	5/16-24UNF	9,750	6,550	
2 1/16	UC211-201D1												
2⅛	UC211-202D1												
2 3/16	UC211-203D1												

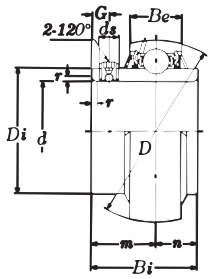
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Units	Shaft Dia.	Load Rating
Metric	60 - 90 mm	Newton
Standard	2¼ - 3½ in	Lbs.

INSERT – STANDARD DUTY, SET SCREW, WIDE COLLAR (continued)

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
60	UC212D1	110	65.1	30	2.5	25.4	39.7	10	77.0	M10 X 1.25	52,500	36,000	2,500
2¼	UC212-204D1	4.331	2.563	1.181	.098	1.000	1.563	3.94	3.031	⅜-24UNF	11,800	8,100	
2⅜	UC212-206D1												
2 7/16	UC212-207D1												
65	UC213D1	120	65.1	32	2.5	25.4	39.7	10	82.5	M10 X 1.25	57,500	40,000	2,400
2½	UC213-208D1	4.724	2.563	1.260	.098	1.000	1.563	.394	3.248	⅜-24UNF	12,900	9,000	
70	UC214D1	125	74.6	33	2.5	30.2	44.4	12	87.0	M10 X 1.25	62,000	44,000	2,300
2 11/16	UC214-211D1	4.921	2.937	1.299	.098	1.189	1.748	.472	3.425	⅜-24UNF	14,000	9,900	
2¾	UC214-212D1												
75	UC215D1	130	77.8	34	2.5	33.3	44.5	12	93.0	M10	66,000	49,500	2,100
2 15/16	UC215-215D1	5.118	3.063	1.339	.098	1.311	1.752	.472	3.661	⅜-24UNF	14,900	11,100	
3	UC215-300D1												
80	UC216D1	140	82.6	35	3	33.3	49.3	12	98.1	M10 X 1.25	72,500	53,000	2,000
3⅛	UC216-302D1	5.512	3.252	1.378	.118	1.311	1.941	.472	3.862	⅜-24UNF	16,300	11,900	
85	UC217D1	150	85.7	36	3	34.1	51.6	12	106.1	M12 X 1.5	83,500	64,000	1,900
3¼	UC217-304D1	5.906	3.374	1.417	.118	1.343	2.031	.472	4.177	½-20UNF	18,700	14,300	
90	UC218D1	160	96.0	37	3	39.7	56.3	12	111.6	M12 X 1.5	96,000	71,500	1,700
3½	UC218-308D1	6.299	3.780	1.457	.118	1.563	2.217	.472	4.394	½-20UNF	21,600	16,100	

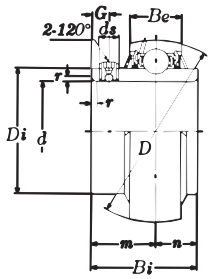


Units	Shaft Dia.	Load Rating
Metric	25 - 75 mm	Newton
Standard	⅞ - 3 in	Lbs.

INSERT – HEAVY DUTY, SET SCREW, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
25	UC305D1	62	38	20	2	15	23	6	36.8	M6 X 0.75	21,200	10,900	
⅞	UC305-014D1												
15⁄16	UC305-015D1	2.441	1.496	.787	.079	.591	.906	.236	1.449	¼-28UNF	4,750	2,460	5,400
1	UC305-100D1												
30	UC306D1	72	43	23	2	17	26	6	44.9	M6 X 0.75	26,700	15,000	
1⅛	UC306-102D1	2.835	1.693	.906	.079	.669	1.024	.236	1.768	¼-28UNF	6,000	3,400	4,400
1 3⁄16	UC306-103D1												
35	UC307D1	80	48	25	2.5	19	29	8	49.4	M8 X 1	33,500	19,100	
1¼	UC307-104D1												
1 5⁄16	UC307-105D1	3.150	1.890	.984	.098	.748	1.142	.315	1.945	5⁄16-24UNF	7,500	4,300	4,000
1⅜	UC307-106D1												
1 7⁄16	UC307-107D1												
40	UC308D1	90	52	27	2.5	19	33	10	56.0	M10 X 1.25	40,500	24,000	3,500
1½	UC308-108D1	3.543	2.047	1.063	.098	.748	1.299	.394	2.205	⅜-24UNF	9,150	5,400	
45	UC309D1	100	57	29	2.5	22	35	10	63.5	M10 X 1.25	53,000	32,000	
1⅝	UC309-110D1			1.142									
1 11⁄16	UC309-111D1	3.937	2.244		.098	.866	1.378	.394	2.500	⅜-24UNF	11,900	7,200	3,100
1¾	UC309-112D1												
50	UC310D1	110	61	32	3	22	39	12	70.6	M12 X 1.5	62,000	38,500	
1⅞	UC310-114D1	4.331	2.402	1.260	.118	.866	1.535	.472	2.780	½-20UNF	13,900	8,600	2,800
1 15⁄16	UC310-115D1												
55	UC311D1	120	66	34	3	25	41	12	76.6	M12 X 1.5	71,500	45,000	
2	UC311-200D1												
2⅛	UC311-202D1	4.724	2.598	1.339	.118	.984	1.614	.472	3.016	½-20UNF	16,100	10,100	2,600
2 3⁄16	UC311-203D1												
60	UC312D1	130	71	36	3.5	26	45	12	82.7	M12 X 1.5	82,000	52,000	
2¼	UC312-204D1												
2⅜	UC312-206D1	5.118	2.795	1.417	.138	1.024	1.772	.472	3.256	½-20UNF	18,400	11,700	2,400
2 7⁄16	UC312-207D1												
65	UC313D1	140	75	39	3.5	30	45	12	88.2	M12 X 1.5	92,500	60,000	2,200
2½	UC313-208D1	5.512	2.953	1.535	.138	1.181	1.772	.472	3.472	½-20UNF	20,800	13,400	
70	UC314D1	150	78	41	3.5	33	45	12	94.8	M12 X 1.5	104,000	68,000	
2 11⁄16	UC314-211D1	5.906	3.071	1.614	.138	1.299	1.772	.472	3.732	½-20UNF	23,400	15,300	2,100
2¾	UC314-212D1												
75	UC315D1	160	82	43	3.5	32	50	14	101.3	M14 X 1.5	113,000	77,000	
2 15⁄16	UC315-215D1	6.299	3.228	1.693	.138	1.260	1.969	.551	3.988	9⁄16-18UNF	25,500	17,400	1,900
3	UC315-300D1												

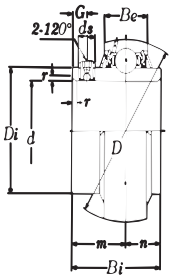
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Units	Shaft Dia.	Load Rating
Metric	80 - 140 mm	Newton
Standard	3⅛ - 4 in	Lbs.

INSERT – HEAVY DUTY, SET SCREW, WIDE COLLAR (continued)

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
80	UC316D1	170	86	45	3.5	34	52	14	107.9	M14 X 1.5	123,000	86,500	1,800
3⅛	UC316-302D1	6.693	3.386	1.772	.138	1.339	2.047	.551	4.248	⅜-18UNF	27,600	19,500	
3⅜	UC316-303D1												
85	UC317D1	180	96	47	4	40	56	16	114.4	M16 X 1.5	133,000	97,000	1,700
3¼	UC317-304D1	7.087	3.780	1.850	.157	1.575	2.205	.630	4.504	⅝-18UNF	29,800	21,800	
90	UC318D1	190	96	49	4	40	56	16	120.9	M16 X 1.5	143,000	107,000	1,600
3⅞	UC318-307D1	7.481	3.780	1.929	.157	1.575	2.205	.630	4.760	⅝-18UNF	32,000	24,100	
3½	UC318-308D1												
95	UC319D1	200	103	51	4	41	62	16	127.5	M16 X 1.5	153,000	119,000	1,500
3¾	UC319-312D1	7.874	4.055	2.008	.157	1.614	2.441	.630	5.020	⅝-18UNF	34,500	26,600	
100	UC320D1	215	108	55	4	42	66	18	135.6	M18 X 1.5	173,000	141,000	1,500
3 15/16	UC320-315D1	8.465	4.252	2.165	.157	1.654	2.598	.709	5.339	⅝-18UNF	39,000	31,500	
4	UC320-400D1												
105	UC321D1	225	112	57	4	44	68	18	142.1	M18 X 1.5	184,000	153,000	1,400
110	UC322D1	240	117	59	4	46	71	18	151.7	M18 X 1.5	205,000	179,000	1,300
120	UC324D1	260	126	63	4	51	75	18	165.2	M18 X 1.5	207,000	185,000	1,750
130	UC326D1	280	135	67	5	54	81	20	178.3	M20 X 1.5	229,000	214,000	1,600
140	UC328D1	300	145	71	5	59	86	20	190.4	M20 X 1.5	253,000	246,000	1,475



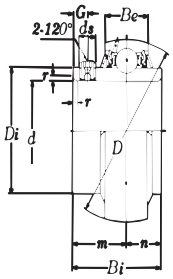
Units	Shaft Dia.	Load Rating
Metric	25 - 65 mm	Newton
Standard	13⁄16 - 2 9⁄16 in	Lbs.

INSERT – INTERMEDIATE DUTY, SET SCREW, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating	
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor
25	UCX05D1	62	38.1	20	1.5	15.9	22.2	5	40.8	M6 X 0.75	19,500	11,300
13⁄16	UCX25-013D1											
7⁄8	UCX05-014D1	2.441	1.500	.787	.059	.626	.874	.197	1.606	1⁄4-28UNF	4,400	2,540
15⁄16	UCX05-015D1											
1	UCX05-100D1											
30	UCX06D1	72	42.9	22	1.5	17.5	25.4	6	46.8	M8 X 1	25,700	15,300
1 1⁄16	UCX06-101D1											
1 1⁄8	UCX06-102D1	2.835	1.689	.866	.059	.689	1.000	.236	1.843	5⁄16-24UNF	5,750	3,450
1 3⁄16	UCX06-102D1											
35	UCX07D1	80	49.2	24	2	19.0	30.2	8	53.0	M8 X 1	29,100	17,800
1 5⁄16	UCX07-105D1											
1 3⁄8	UCX07-106D1	3.150	1.937	.945	.079	.748	1.189	.315	2.087	5⁄16-24UNF	6,550	4,000
1 7⁄16	UCX07-107D1											
40	UCX08D1	85	49.2	24	2	19.0	30.2	8	57.5	M8 X 1	32,500	20,400
1 1⁄2	UCX08-108D1	3.347	1.937	.945	.079	.748	1.189	.315	2.264	5⁄16-24UNF	7,350	4,600
1 9⁄16	UCX08-109D1											
45	UCX09D1	90	51.6	25	2	19.0	32.6	9	62.4	M10 X 1.25	35,000	23,200
1 5⁄8	UCX09-110D1											
1 11⁄16	UCX09-111D1	3.543	2.031	.984	.079	.748	1.283	.354	2.457	3⁄8-24UNF	7,900	5,200
1 3⁄4	UCX09-112D1											
50	UCX10D1	100	55.6	27	2	22.2	33.4	9	69.0	M10 X 1.25	43,500	29,200
1 7⁄8	UCX10-114D1	3.937	2.189	1.063	.079	.874	1.315	.354	2.717	3⁄8-24UNF	9,750	6,550
1 15⁄16	UCX10-115D1											
55	UCX11D1	110	65.1	30	2.5	25.4	39.7	10	77.0	M10 X 1.25	52,500	36,000
2 1⁄16	UCX11-201D1											
2 1⁄8	UCX11-202D1	4.331	2.563	1.181	.098	1.000	1.563	.394	3.031	3⁄8-24UNF	11,800	8,150
2 3⁄16	UCX11-203D1											
60	UCX12D1	120	65.1	32	2.5	25.4	39.7	10	82.5	M10 X 1.25	57,500	40,000
2 3⁄8	UCX12-206D1	4.724	2.563	1.260	.098	1.000	1.563	.394	3.248	3⁄8-24UNF	12,900	9,000
2 7⁄16	UCX12-207D1											
65	UCX13D1	125	74.6	33	2.5	30.2	44.4	12	87.0	M12 X 1.5	62,000	44,000
2 1⁄2	UCX13-208D1	4.921	2.937	1.299	.098	1.189	1.748	.472	3.425	1⁄2-20UNF	14,000	9,900
2 9⁄16	UCX13-209D1											

Note: For limiting speeds for UCX series, contact NTN Engineering.

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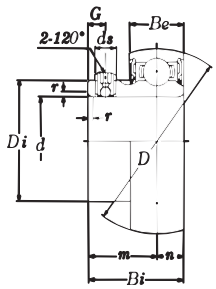


Units	Shaft Dia.	Load Rating
Metric	70 - 100 mm	Newton
Standard	2⅝ - 4 in	Lbs.

INSERT – INTERMEDIATE DUTY, SET SCREW, WIDE COLLAR (continued)

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating	
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor
70	**UCX14D1**	130	77.8	34	2.5	33.3	44.5	12	93.0	M12 X 1.5	66,000	49,500
2⅝	**UCX14-210D1**											
2 1⁄16	**UCX14-211D1**	5.118	3.063	1.339	.098	1.311	1.752	.472	3.661	½-20UNF	14,900	11,100
2¾	**UCX14-212D1**											
75	**UCX15D1**	140	82.6	35	2.5	33.3	49.3	12	98.1	M12 X 1.5	72,500	53,000
2 13⁄16	**UCX15-213D1**											
2⅞	**UCX15-214D1**											
2 15⁄16	**UCX15-215D1**	5.512	3.252	1.378	.098	1.311	1.941	.472	3.862	½-20UNF	16,300	11,900
3	**UCX15-300D1**											
80	**UCX16D1**	150	85.7	36	3	34.1	51.6	12	106.1	M12 X 1.5	83,500	64,000
3⅛	**UCX16-302D1**											
3 3⁄16	**UCX16-303D1**	5.906	3.374	1.417	.118	1.343	2.031	.472	4.177	½-20UNF	18,700	14,300
85	**UCX17D1**	160	96	37	3	39.7	56.3	12	111.6	M12 X 1.5	96,000	71,500
3 5⁄16	**UCX17-305D1**											
3 7⁄16	**UCX17-307D1**	6.299	3.780	1.457	.118	1.563	2.217	.472	4.394	½-20UNF	21,600	16,100
90	**UCX18D1**	170	104	39	3	42.9	61.1	14	118.2	M14 X 1.5	109,000	82,000
3½	**UCX18-308D1**	6.693	4.094	1.535	.118	1.689	2.406	.551	4.654	⅝-18UNF	24,500	18,400
100	**UCX20D1**	190	117.5	44	3.5	49.2	68.3	16	131.3	M16 X 1.5	133,000	105,000
3⅞	**UCX20-314D1**											
3 15⁄16	**UCX20-315D1**	7.480	4.626	1.732	.138	1.937	2.689	.630	5.169	⅝-18UNF	29,900	23,500
4	**UCX20-400D1**											

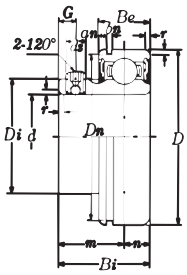
Note: For limiting speeds for UCX series, contact NTN Engineering.



Units	Shaft Dia.	Load Rating
Metric	12 - 40 mm	Newton
Standard	½ - 1⁹⁄₁₆ in	Lbs.

INSERT – STANDARD DUTY, SET SCREW, NARROW COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
12	AS201	40	22	12	1	6	16	4.2	24.4	M5 X 0.8	9,600	4,600	11,000
½	AS201-008	1.575	.866	.472	.039	.236	.630	.165	.961	10-32UNF	2,160	1,030	
15	AS202	40	22	12	1	6	16	4.2	24.4	M5 X 0.8	9,600	4,600	10,000
⁹⁄₁₆	AS202-009	1.575	.866	.472	.039	.236	.630	.165	.961	10-32UNF	2,160	1,030	
⅝	AS202-010												
17	AS203	40	22	12	1	6	16	4.2	24.4	M5 X 0.8	9,600	4,600	8,000
¹¹⁄₁₆	AS203-011	1.575	.866	.472	.039	.236	.630	.165	.961	10-32UNF	2,160	1,030	
20	AS204	47	25	14	1.5	7	18	4.2	29.6	M5 X 0.8	12,800	6,650	6,700
¾	AS204-012	1.850	.984	.551	.059	.276	.708	.165	1.165	10-32UNF	2,890	1,500	
25	AS205	52	27	15	1.5	7.5	19.5	5.0	33.9	M5 X 0.8	14,000	7,850	5,900
¹³⁄₁₆	AS205-013	2.047	1.063	.591	.059	.295	.768	.197	1.335	10-32UNF	3,150	1,770	
⅞	AS205-014												
¹⁵⁄₁₆	AS205-015												
1	AS205-100												
30	AS206	62	29	16	1.5	8	21	5.0	40.8	M6 X 0.75	19,500	11,300	4,900
1¹⁄₁₆	AS206-101	2.441	1.142	.630	.059	.315	.827	.197	1.606	¼-28UNF	4,400	2,540	
1⅛	AS206-102												
1³⁄₁₆	AS206-103												
1¼	AS206-104												
35	AS207	72	34	17	2	8.5	25.5	6.0	46.8	M6 X 0.75	25,700	15,300	4,200
1¼	AS207-104	2.835	1.339	.669	.079	.335	1.004	.236	1.843	¼-28UNF	5,750	3,450	
1⁵⁄₁₆	AS207-105												
1⅜	AS207-106												
1⁷⁄₁₆	AS207-107												
40	AS208	80	38	18	2	9	29	8.0	53.0	M8 X 1	29,100	17,800	3,700
1½	AS208-108	3.150	1.496	.709	.079	.354	1.142	.315	2.087	⁵⁄₁₆ -24UNF	6,550	4,000	
1⁹⁄₁₆	AS208-109												

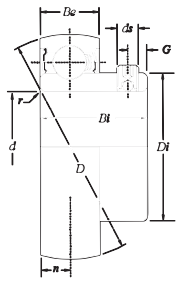


Units	Shaft Dia.	Load Rating
Metric	12 - 40 mm	Newton
Standard	½ - 1 9/16 in	Lbs.

INSERT – STANDARD DUTY, SET SCREW, NARROW COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions											Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di	Dn	an	bn		Dynamic Cr	Static Cor	
12	ASS201N	40	22	12	1	6	16	4.2	24.4	38.1	1.9	1.5	M5 X 0.8	9,600	4,600	11,000
½	ASS201-008N	1.575	.866	.472	.039	.236	.630	.165	.961	1.500	.078	.059	10-32UNF	2,160	1,030	
15	ASS202N	40	22	12	1	6	16	4.2	24.4	38.1	1.9	1.5	M5 X 0.8	9,600	4,600	10,000
9/16	ASS202-009N	1.575	.866	.472	.039	.236	.630	.165	.961	1.500	.078	.059	10-32UNF	2,160	1,030	
5/8	ASS202-010N															
17	ASS203N	40	22	12	1	6	16	4.2	24.4	38.1	1.9	1.5	M5 X 0.8	9,600	4,600	8,000
11/16	ASS203-011N	1.575	.866	.472	.039	.236	.630	.165	.961	1.500	.078	.059	10-32UNF	2,160	1,030	
20	ASS204N	47	25	14	1.5	7	18	4.2	29.6	44.6	2.3	1.5	M5 X 0.8	12,800	6,650	6,700
¾	ASS204-012N	1.850	.984	.551	.059	.276	.708	.165	1.165	1.756	.094	.059	10-32UNF	2,890	1,500	
25	ASS205N	52	27	15	1.5	7.5	19.5	5.0	33.9	49.7	2.3	1.5	M5 X 0.8	14,000	7,850	5,900
13/16	ASS205-013N	2.047	1.063	.591	.059	.295	.768	.197	1.335	1.958	.094	.059	10-32UNF	3,150	1,770	
7/8	ASS205-014N															
15/16	ASS205-015N															
1	ASS205-100N															
30	ASS206N	62	29	16	1.5	8	21	5.0	40.8	59.6	3.1	2.0	M6 X 0.75	19,500	11,300	4,900
1 1/16	ASS206-101N	2.441	1.142	.630	.059	.315	.827	.197	1.606	2.347	.125	.081	¼-28UNF	4,400	2,540	
1⅛	ASS206-102N															
1 3/16	ASS206-103N															
1¼	ASS206-104N															
35	ASS207N	72	34	17	2	8.5	25.5	6.0	46.8	68.8	3.1	2.0	M6 X 0.75	25,700	15,300	4,200
1¼	ASS207-104N	2.835	1.339	.669	.079	.335	1.004	.236	1.843	2.709	.125	.081	¼-28UNF	5,750	3,450	
1 5/16	ASS207-105N															
1⅜	ASS207-106N															
1 7/16	ASS207-107N															
40	ASS208N	80	38	18	2	9	29	8.0	53.0	76.8	3.1	2.0	M8 X 1	29,100	17,800	3,700
1½	ASS208-108N	3.150	1.496	.709	.079	.354	1.142	.315	2.087	3.024	.125	.081	5/16-24UNF	6,550	4,000	
1 9/16	ASS208-109N															

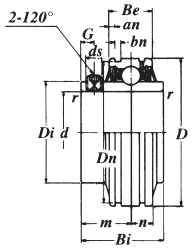
Note: N suffix indicates machined face housing for end cap support.



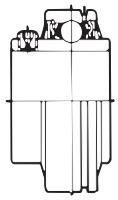
Units	Shaft Dia.	Load Rating
Metric	12 - 50 mm	Newton
Standard	½ - 2 in	Lbs.

INSERT – STANDARD DUTY, SET SCREW, NARROW COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions							Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	G	Di		Dynamic Cr	Static Cor	
12	AR201	40	22.5	13	1	6.5	5	24.4	M6 X 0.75	6,090	2,730	11,000
½	AR201-008	1.575	.886	.512	.039	.256	.197	.961	¼-28UNF	1,370	615	
15	AR202	40	22.5	13	1	6.5	5	24.4	M6 X 0.75	7,730	3,580	10,000
9/16	AR202-009	1.575	.886	.512	.039	.256	.197	.961	¼-28UNF	1,740	805	
5/8	AR202-010											
17	AR203	40	22.5	13	1	6.5	5	24.4	M6 X 0.75	9,600	4,600	8,000
11/16	AR203-011	1.575	.886	.512	.039	.256	.197	.961	¼-28UNF	2,160	1,030	
20	AR204	47	25.5	15	1.5	7.5	5	29.6	M6 X 0.75	12,800	6,650	6,700
¾	AR204-012	1.850	1.004	.591	.059	.295	.197	1.165	¼-28UNF	2,890	1,500	
25	AR205	52	27	15	1.5	7.5	5	33.9	M6 X 0.75	14,000	7,850	5,900
13/16	AR205-013	2.047	1.063	.591	.059	.295	.197	1.335	¼-28UNF	3,150	1,770	
7/8	AR205-014											
15/16	AR205-015											
1	AR205-100											
30	AR206	62	30	18	1.5	9	5	40.8	M6 X 0.75	19,500	11,300	4,900
1 1/16	AR206-101	2.441	1.181	.709	.059	.354	.197	1.606	¼-28UNF	4,400	2,540	
1 1/8	AR206-102											
1 3/16	AR206-103											
1¼	AR206-104											
35	AR207	72	35	19	2	9.5	6	46.8	M6 X 0.75	25,700	15,300	4,200
1¼	AR207-104	2.835	1.378	.748	.079	.374	.236	1.843	¼-28UNF	5,750	3,450	
1 5/16	AR207-105											
1 3/8	AR207-106											
1 7/16	AR207-107											
40	AR208	80	40	22	2	11	8	53.0	M8 X 1	29,100	17,800	3,700
1½	AR208-108	3.150	1.575	.866	.079	.433	.315	2.087	5/16-24UNF	6,550	4,000	
1 9/16	AR208-109											
45	AR209	85	41.5	22	2	11	8	57.5	M8 X 1	32,500	20,400	3,500
1 5/8	AR209-110	3.347	1.634	.866	.079	.433	.315	2.264	5/16-24UNF	7,350	4,600	
1 11/16	AR209-111											
1¾	AR209-112											
50	AR210	90	43	22	2	11	9	62.4	M8 X 1	35,000	23,200	3,100
1 13/16	AR210-113	3.543	1.693	.866	.079	.433	.354	2.457	5/16 -24UNF	7,900	5,200	
1 7/8	AR210-114											
1 15/16	AR210-115											
2	AR210-200											



UCS...D1N



UCS...D1

Units	Shaft Dia.	Load Rating
Metric	12 - 45 mm	Newton
Standard	½ - 1¾ in	Lbs.

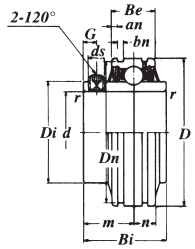
INSERT – STANDARD DUTY, SET SCREW, CYLINDRICAL OD, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions											Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	D1	Dn	an	bn		Dynamic Cr	Static Cor	
12	**UCS201D1N**	47	31.0	18	1	12.7	18.3	4.5	29.6	44.6	3.2	1.5	M5 X 0.8	12,800	6,650	11,000
½	**UCS201-008D1N**	1.850	1.220	.079	.039	.500	.720	.177	1.165	1.756	.126	.059	10-32UNF	2,890	1,500	
15	**UCS202D1N**	47	31.0	18	1	12.7	18.3	4.5	29.6	44.6	3.2	1.5	M5 X 0.8	12,800	6,650	10,000
9/16	**UCS202-009D1N**	1.850	1.220	.709	.039	.500	.720	.177	1.165	1.756	.126	.059	10-32UNF	2,890	1,500	
5/8	**UCS202-010D1N**															
17	**UCS203D1N**	47	31.0	18	1	12.7	18.3	4.5	29.6	44.6	3.2	1.5	M5 X 0.8	12,800	6,650	8,000
1 11/16	**UCS203-011D1N**	1.850	1.220	.709	.039	.500	.720	.177	1.165	1.756	.126	.059	10-32UNF	2,890	1,500	
20	**UCS204D1N**	47	31.0	18	1.5	12.7	18.3	4.5	29.6	44.6	3.2	1.5	M5 X 0.8	12,800	6,650	6,700
¾	**UCS204-012D1N**	1.850	1.220	.709	.059	.500	.720	.177	1.165	1.756	.126	.059	10-32UNF	2,890	1,500	
25	**UCS205D1N**	52	34.0	18	1.5	14.3	19.7	5	33.9	49.7	3.2	1.5	M5 X 0.8	14,000	7,850	5,900
13/16	**UCS205-013D1N**															
7/8	**UCS205-014D1N**	2.047	1.339	.709	.059	.563	.776	.197	1.335	1.958	.126	.059	10-32UNF	3,150	1,770	
15/16	**UCS205-015D1N**															
1	**UCS205-100D1N**															
30	**UCS206D1N**	62	38.1	20	1.5	15.9	22.2	5	40.8	59.6	3.5	2	M6 X 0.75	19,500	11,300	4,900
1 1/16	**UCS206-101D1N**															
1 1/8	**UCS206-102D1N**	2.441	1.500	.787	.059	.626	.874	.197	1.606	2.347	.138	.081	¼-28UNF	4,400	2,540	
1 3/16	**UCS206-103D1N**															
35	**UCS207D1N**	72	42.9	22	2	17.5	25.4	6	46.8	68.8	3.7	2	M6 X 0.75	25,700	15,300	4,200
1 1/4	**UCS207-104D1N**															
1 5/16	**UCS207-105D1N**	2.835	1.689	.866	.079	.689	1.000	.236	1.843	2.709	.146	.081	¼-28UNF	5,750	3,450	
1 3/8	**UCS207-106D1N**															
1 7/16	**UCS207-107D1N**															
40	**UCS208D1N**	80	49.2	24	2	19.0	30.2	8	53.0	76.8	3.7	2	M8 X 1	29,100	17,800	3,700
1 1/2	**UCS208-108D1N**	3.150	1.937	.945	.079	.748	1.189	.315	2.087	3.024	.146	.081	5/16-24UNF	6,550	4,000	
1 9/16	**UCS208-109D1N**															
45	**UCS209D1N**	85	49.2	24	2	19.0	30.2	8	57.5	81.8	3.7	2	M8 X 1	32,500	20,400	3,500
1 5/8	**UCS209-110D1N**															
1 11/16	**UCS209-111D1N**	3.347	1.937	.945	.079	.748	1.189	.315	2.264	3.221	.146	.081	5/16-24UNF	7,350	4,590	
1 3/4	**UCS209-112D1N**															

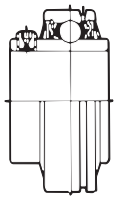
Note: N suffix indicates machined face housing for end cap support.

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Units	Shaft Dia.	Load Rating
Metric	50 - 90 mm	Newton
Standard	1 13/16 - 2 1/2 in	Lbs.



UCS...D1N

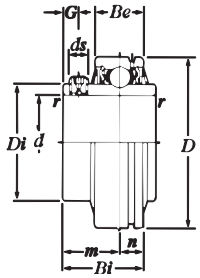


UCS...D1

INSERT – STANDARD DUTY, SET SCREW, CYLINDRICAL OD, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions											Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	D1	Dn	an	bn		Dynamic Cr	Static Cor	
50	UCS210D1N	90	51.6	25	2	19.0	32.6	9	62.4	86.7	4	2.8	M8 X 1	35,000	23,200	
1 13/16	UCS210-113D1N															3,100
1 7/8	UCS210-114D1N	3.543	2.031	.984	.079	.748	1.283	.354	2.457	3.417	.157	.112	5/16-24UNF	7,900	5,220	
1 15/16	UCS210-115D1N															
55	UCS211D1N	100	55.6	27	2.5	22.2	33.4	9	69.0	96.8	4.5	2.8	M8 X 1	43,500	29,200	
2	UCS211-200D1N															
2 1/16	UCS211-201D1N															2,900
2 1/8	UCS211-202D1N	3.937	2.189	1.063	.098	.874	1.315	.354	2.717	3.811	.177	.112	5/16-24UNF	9,750	6,550	
2 3/16	UCS211-203D1N															
60	UCS212D1	110	65.1	30	2.5	25.4	39.7	10	77.0				M10 X 1.25	52,500	36,000	
2 1/4	UCS212-204D1															
2 3/8	UCS212-206D1	4.331	2.563	1.181	.098	1.000	1.563	.394	3.031	–	–	–	3/8-24UNF	11,800	8,100	2,500
2 7/16	UCS212-207D1															
65	UCS213D1	120	65.1	32	2.5	25.4	39.7	10	82.5				M10 X 1.25	57,500	40,000	
2 1/2	UCS213-208D1	4.724	2.563	1.260	.098	1.000	1.563	.394	3.248	–	–	–	3/8 -24UNF	12,900	9,000	2,400
70	UCS214D1	125	74.6	33	2.5	30.2	44.4	12	87.0	–	–	–	M10 X 1.25	62,000	44,000	2,300
75	UCS215D1	130	77.8	34	2.5	33.3	44.5	12	93.0	–	–	–	M10 X 1.25	66,000	49,500	2,100
80	UCS216D1	140	82.6	35	3	33.3	49.3	12	98.1	–	–	–	M10 X 1.25	72,500	53,000	2,000
85	UCS217D1	150	85.7	36	3	34.1	51.6	12	106.1	–	–	–	M12 X 1.5	83,500	64,000	1,900
90	UCS218D1	160	96.0	37	3	39.7	56.3	12	111.6	–	–	–	M12 X 1.5	96,000	71,500	1,700

Note: N suffix indicates machined face housing for end cap support.

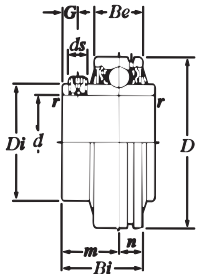


Units	Shaft Dia.	Load Rating
Metric	25 - 65 mm	Newton
Standard	⅞ - 2½ in	Lbs.

INSERT – HEAVY DUTY, SET SCREW, CYLINDRICAL OD, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
25	UCS305D1	62	38	20	2	15	23	6	36.8	M6 X 0.75	21,000	11,000	5,400
⅞	UCS305-014D1	2.441	1.496	.787	.079	.591	.906	.236	1.449	¼-28UNF	4,770	2,450	
15/16	UCS305-015D1												
1	UCS305-100D1												
30	UCS306D1	72	43	23	2	17	26	6	44.9	M6 X 0.75	26,700	15,000	4,400
1⅛	UCS306-102D1	2.835	1.693	.906	.079	.669	1.024	.236	1.768	¼-28UNF	6,000	3,370	
1 3/16	UCS306-103D1												
35	UCS307D1	80	48	25	2.5	19	29	8	49.4	M8 X 1	33,500	19,000	4,000
1¼	UCS307-104D1	3.150	1.890	.984	.098	.748	1.142	.315	1.945	5/16-24UNF	7,530	4,290	
1 5/16	UCS307-105D1												
1⅜	UCS307-106D1												
1 7/16	UCS307-107D1												
40	UCS308D1	90	52	27	2.5	19	33	10	56.0	M10 X 1.25	40,500	24,000	3,500
1½	UCS308-108D1	3.543	2.047	1.063	.098	.748	1.299	.394	2.205	⅜-24UNF	9,100	5,400	
45	UCS309D1	100	57	29	2.5	22	35	10	63.5	M10 X 1.25	53,000	32,000	3,100
1⅝	UCS309-110D1	3.937	2.244	1.142	.098	.866	1.378	.394	2.500	⅜-24UNF	11,900	7,200	
1 1/16	UCS309-111D1												
1¾	UCS309-112D1												
50	UCS310D1	110	61	32	3	22	39	12	70.6	M12 X 1.5	61,750	38,500	2,800
1⅞	UCS310-114D1	4.331	2.402	1.260	.118	.866	1.535	.472	2.780	½-20UNF	13,900	8,660	
1 15/16	UCS310-115D1												
55	UCS311D1	120	66	34	3	25	41	12	76.6	M12 X 1.5	71,500	45,000	2,600
2	UCS311-200D1	4.724	2.598	1.339	.118	.984	1.614	.472	3.016	½-20UNF	16,100	10,100	
2⅛	UCS311-202D1												
2 3/16	UCS311-203D1												
60	UCS312D1	130	71	36	3.5	26	45	12	82.7	M12 X 1.5	81,750	52,000	2,400
2¼	UCS312-204D1	5.118	2.795	1.417	.138	1.024	1.772	.472	3.256	½-20UNF	18,400	11,700	
2⅜	UCS312-206D1												
2 7/16	UCS312-207D1												
65	UCS313D1	140	75	39	3.5	30	45	12	88.2	M12 X 1.5	92,500	60,000	2,200
2½	UCS313-208D1	5.512	2.953	1.535	.138	1.181	1.772	.472	3.472	½-20UNF	20,800	13,500	

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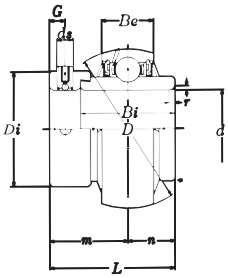


Units	Shaft Dia.	Load Rating
Metric	70 - 130 mm	Newton
Standard	2 11/16 - 4 in	Lbs.

INSERT – HEAVY DUTY, SET SCREW, CYLINDRICAL OD, WIDE COLLAR (continued)

Shaft Dia. d	Part Number	Nominal Dimensions								Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
70	UCS314D1	150	78	41	3.5	33	45	12	94.8	M12 X 1.5	104,000	68,000	2,100
2 11/16	UCS314-211D1	5.906	3.071	1.614	.138	1.299	1.772	.472	3.732	½-20UNF	23,400	15,300	
2¾	UCS314-212D1												
75	UCS315D1	160	82	43	3.5	32	50	14	101.3	M14 X 1.5	113,000	77,000	1,900
2 15/16	UCS315-215D1	6.299	3.228	1.693	.138	1.260	1.969	.551	3.988	9/16-18UNF	25,400	17,300	
3	UCS315-300D1												
80	UCS316D1	170	86	45	3.5	34	52	14	107.9	M14 X 1.5	123,000	86,200	1,800
3⅛	UCS316-302D1	6.693	3.386	1.772	.138	1.339	2.047	.551	4.248	9/16-18UNF	27,700	19,400	
3 3/16	UCS316-303D1												
85	UCS317D1	180	96	47	4	40	56	16	114.4	M16 X 1.5	133,000	97,000	1,700
3¼	UCS317-304D1	7.087	3.780	1.850	.157	1.575	2.205	.630	4.504	⅝-18UNF	29,900	21,800	
90	UCS318D1	190	96	49	4	40	56	16	120.9	M16 X 1.5	142,750	107,000	1,600
3 7/16	UCS318-307D1	7.480	3.780	1.929	.157	1.575	2.205	.630	4.760	⅝-18UNF	32,100	24,100	
3½	UCS318-308D1												
95	UCS319D1	200	103	51	4	41	62	16	127.5	M16 X 1.5	153,000	119,000	1,500
3¾	UCS319-312D1	7.874	4.055	2.008	.157	1.614	2.441	.630	5.020	⅝-18UNF	34,400	26,800	
100	UCS320D1	215	108	55	4	42	66	18	135.6	M18 X 1.5	173,000	141,000	1,500
3 15/16	UCS320-315D1	8.465	4.252	2.165	.157	1.654	2.598	.709	5.339	⅝-18UNF	38,900	31,700	
4	UCS320-400D1												
105	UCS321D1	225	112	57	4	44	68	18	142.1	M18 X 1.5	184,000	153,000	1,400
110	UCS322D1	240	117	59	4	46	71	18	151.7	M18 X 1.5	205,000	179,000	1,300
120	UCS324D1	260	126	63	4	51	75	18	165.2	M18 X 1.5	206,750	185,000	*
130	UCS326D1	280	135	67	5	54	81	20	178.3	M20 X 1.5	230,000	213,750	*
140	UCS328D1	300	145	71	5	59	86	20	190.4	M20 X 1.5	253,000	245,750	*

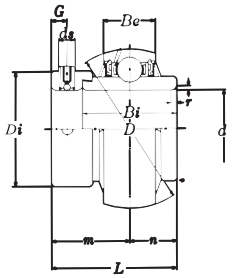
***Note:** Contact Engineering for limiting speeds.



Units	Shaft Dia.	Load Rating
Metric	20 - 75 mm	Newton
Standard	¾ - 3 in	Lbs.

INSERT – STANDARD DUTY, SET SCREW, ECCENTRIC LOCK, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions									Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	L	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
20	UEL204D1	47	43.7	34.2	18	1.5	17.1	26.6	4.8	33	M6 X 0.75	12,800	6,650	6,700
¾	UEL204-012D1	1.850	1.720	1.346	.709	.059	.672	1.047	.189	1.31	¼-28UNF	2,890	1,500	
25	UEL205D1	52	44.4	34.9	18	1.5	17.5	26.9	4.8	38	M6 X 0.75	14,000	7,850	
13/16	UEL205-013D1													
⅞	UEL205-014D1													
15/16	UEL205-015D1	2.047	1.748	1.374	.709	.059	.688	1.059	.189	1.50	¼-28UNF	3,150	1,760	5,900
1	UEL205-100D1													
30	UEL206D1	62	48.4	36.5	20	1.5	18.3	30.1	6.0	44.5	M8 X 1	19,500	11,300	
1 1/16	UEL206-101D1													
1⅛	UEL206-102D1													
1 3/16	UEL206-103D1	2.441	1.906	1.437	.787	.059	.719	1.185	.236	1.75	5/16-24UNF	4,400	2,540	4,900
1¼	UEL206-104D1													
35	UEL207D1	72	51.1	37.6	22	2	18.8	32.3	6.8	55.5	M10 X 1.25	25,700	15,300	
1¼	UEL207-104D1													
1 5/16	UEL207-105D1													
1⅜	UEL207-106D1	2.835	2.012	1.480	.866	.079	.742	1.272	.268	2.19	⅜-24UNF	5,750	3,440	4,200
1 7/16	UEL207-107D1													
40	UEL208D1	80	56.3	42.8	24	2	21.4	34.9	6.8	60	M10 X 1.25	29,100	17,800	
1½	UEL208-108D1	3.150	2.217	1.685	.945	.079	.844	1.374	.268	2.37	⅜-24UNF	6,550	4,000	3,700
1 9/16	UEL208-109D1													
45	UEL209D1	85	56.3	42.8	24	2	21.4	34.9	6.8	63.5	M10 X 1.25	32,500	20,400	
1⅝	UEL209-110D1													
1 11/16	UEL209-111D1	3.347	2.217	1.685	.945	.079	.844	1.374	.268	2.50	⅜-24UNF	7,350	4,590	3,500
1¾	UEL209-112D1													
50	UEL210D1	90	62.7	49.2	25	2	24.6	38.1	6.8	69.5	M10 X 1.25	35,000	23,200	
1 13/16	UEL210-113D1													
1⅞	UEL210-114D1													
1 15/16	UEL210-115D1	3.543	2.469	1.937	.984	.079	.969	1.500	.268	2.74	⅜-24UNF	7,900	5,220	3,100
2	UEL210-200D1													
55	UEL211D1	100	71.4	55.5	27	2.5	27.8	43.6	8.0	76	M10 X 1.25	43,500	29,200	
2	UEL211-200D1													
2 1/16	UEL211-201D1													
2⅛	UEL211-202D1	3.937	2.811	2.185	1.063	.098	1.094	1.717	.315	3.00	⅜-24UNF	9,750	6,550	2,900
2 3/16	UEL211-203D1													
60	UEL212D1	110	77.8	61.9	30	2.5	31.0	46.8	8.0	84	M10 X 1.25	52,500	36,000	
2¼	UEL212-204D1													
2⅜	UEL212-206D1	4.331	3.063	2.437	1.181	.098	1.219	1.843	.315	3.31	⅜-24UNF	11,800	8,150	2,500
2 7/16	UEL212-207D1													
65	UEL213D1	120	85.7	68.3	32	2.5	34.1	51.5	8.7	97	M10 X 1.25	57,500	40,000	2,400
2½	UEL213-208D1	4.724	3.374	2.689	1.260	.098	1.344	2.030	.343	3.819	⅜-24UNF	12,900	9,000	
70	UEL214D1	125	85.7	68.3	33	2.5	34.1	51.5	8.7	97	M10 X 1.25	62,000	44,000	
2 11/16	UEL214-211D1													
2¾	UEL214-212D1	4.921	3.374	2.689	1.299	.098	1.344	2.030	.343	3.819	⅜-24UNF	14,000	9,900	2,300
75	UEL215D1	130	92.0	74.6	34	2.5	37.3	54.7	8.7	102	M10 X 1.25	66,000	49,500	
2 15/16	UEL215-215D1													
3	UEL215-300D1	5.118	3.622	2.937	1.339	.098	1.469	2.154	.343	4.016	⅜-24UNF	14,900	11,100	2,100

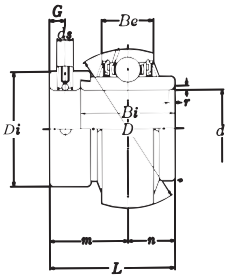


Units	Shaft Dia.	Load Rating
Metric	25 - 75 mm	Newton
Standard	⅞ - 3 in	Lbs.

INSERT – HEAVY DUTY, SET SCREW, ECCENTRIC LOCK, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions									Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	L	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
25	UEL305D1	62	46.8	34.9	20	2	16.7	30.1	6.0	42.8	M8 X 1	21,000	11,000	
⅞	UEL305-014D1													
15⁄16	UEL305-015D1	2.441	1.843	1.374	.787	.079	.657	1.185	.236	1.685	5⁄16-24UNF	4,770	2,450	5,400
1	UEL305-100D1													
30	UEL306D1	72	50.0	36.5	23	2	17.5	32.5	6.7	50.0	M8 X 1	26,750	15,000	
1⅛	UEL306-102D1	2.835	1.969	1.437	.906	.079	.689	1.280	.264	1.969	5⁄16-24UNF	6,000	3,370	4,400
1 3⁄16	UEL306-103D1													
35	UEL307D1	80	51.6	38.1	25	2.5	18.3	33.3	6.7	55.0	M8 X 1	33,500	19,000	
1¼	UEL307-104D1													
1 5⁄16	UEL307-105D1	3.150	2.031	1.500	.984	.098	.720	1.311	.264	2.165	5⁄16-24UNF	7,530	4,290	4,000
1⅜	UEL307-106D1													
1 7⁄16	UEL307-107D1													
40	UEL308D1	90	57.1	41.3	27	2.5	19.8	37.3	8.0	63.5	M10 X 1.25	40,500	24,000	3,500
1½	UEL308-108D1	3.543	2.248	1.626	1.063	.098	.780	1.469	.315	2.500	⅜-24UNF	9,100	5,400	
45	UEL309D1	100	58.7	42.9	29	2.5	19.8	38.9	8.0	70.0	M10 X 1.25	53,000	32,000	
1⅝	UEL309-110D1													
1 11⁄16	UEL309-111D1	3.937	2.311	1.689	1.142	.098	.780	1.531	.315	2.756	⅜-24UNF	11,900	7,200	3,100
1¾	UEL309-112D1													
50	UEL310D1	110	66.6	49.2	32	3	24.6	42.0	8.7	76.2	M10 X 1.25	61,750	38,500	
1⅞	UEL310-114D1	4.331	2.622	1.937	1.260	.118	.969	1.654	.343	3.000	⅜-24UNF	13,900	8,660	2,800
1 15⁄16	UEL310-115D1													
55	UEL311D1	120	73.0	55.6	34	3	27.8	45.2	8.7	83.0	M10 X 1.25	71,500	45,000	
2	UEL311-200D1													
2⅛	UEL311-202D1	4.724	2.874	2.189	1.339	.118	1.094	1.780	.343	3.268	⅜-24UNF	16,100	10,100	2,600
2 3⁄16	UEL311-203D1													
60	UEL312D1	130	79.4	61.9	36	3.5	30.9	48.4	8.7	89.0	M10 X 1.25	81,750	52,000	
2¼	UEL312-204D1													
2⅜	UEL312-206D1	5.118	3.126	2.437	1.417	.138	1.219	1.907	.343	3.504	⅜-24UNF	18,400	11,700	2,400
2 7⁄16	UEL312-207D1													
65	UEL313D1	140	85.7	65.1	39	3.5	32.5	53.1	10.3	97.0	M12 X 1.5	92,500	60,000	2,200
2½	UEL313-208D1	5.512	3.374	2.563	1.535	.138	1.281	2.093	.406	3.819	½-20UNF	20,800	13,500	
70	UEL314D1	150	92.1	68.3	41	3.5	34.1	57.9	10.3	102.0	M12 X 1.5	104,000	68,000	
2 11⁄16	UEL314-211D1	5.906	3.626	2.689	1.614	.138	1.344	2.281	.406	4.016	½-20UNF	23,400	15,300	2,100
2¾	UEL314-212D1													

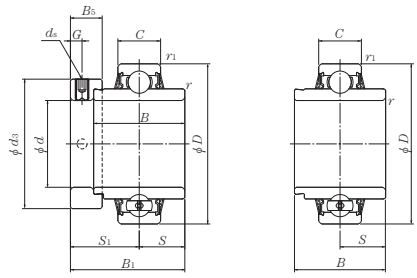
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Units	Shaft Dia.	Load Rating
Metric	80 - 110 mm	Newton
Standard	3⅛ - 4 in	Lbs.

INSERT – HEAVY DUTY, SET SCREW, ECCENTRIC LOCK, WIDE COLLAR (continued)

Shaft Dia. d	Part Number	Nominal Dimensions									Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	L	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
75	UEL315D1	160	100.0	74.6	43	3.5	37.3	62.7	12.7	113	M16 X 1.5	113,000	77,000	1,900
2 15/16	UEL315-215D1	6.299	3.937	2.937	1.693	.138	1.469	2.469	.500	4.449	5/8-18UNF	25,400	17,300	
3	UEL315-300D1													
80	UEL316D1	170	106.4	81.0	45	3.5	40.5	65.9	12.7	119	M16 X 1.5	123,000	86,250	1,800
3⅛	UEL316-302D1	6.693	4.189	3.189	1.772	.138	1.594	2.594	.500	4.685	5/8-18UNF	27,700	19,400	
3 3/16	UEL316-303D1													
85	UEL317D1	180	109.5	84.1	47	4	42.0	67.4	12.7	127	M16 X 1.5	133,000	97,000	1,700
3¼	UEL317-304D1	7.087	4.311	3.311	1.850	.157	1.656	2.656	.500	5.000	5/8-18UNF	29,900	21,800	
90	UEL318D1	190	115.9	87.3	49	4	43.6	72.2	14.3	133	M20 X 1.5	142,750	107,000	1,600
3 7/16	UEL318-307D1	7.480	4.563	3.437	1.929	.157	1.719	2.844	.563	5.236	¾-16UNF	32,100	24,100	
3½	UEL318-308D1													
95	UEL319D1	200	122.3	93.7	51	4	38.9	83.4	14.3	140	M20 X 1.5	153,000	119,000	1,500
3¾	UEL319-312D1	7.874	4.815	3.689	2.008	.157	1.531	3.283	.563	5.512	¾-16UNF	34,400	26,800	
100	UEL320D1	215	128.6	100.0	55	4	50.0	78.6	14.3	146	M20 X 1.5	173,000	141,000	1,500
3 15/16	UEL320-315D1	8.465	5.063	3.937	2.165	.157	1.969	3.094	.563	5.748	¾-16UNF	38,900	31,700	
4	UEL320-400D1													
105	UEL321D1	225	139.7	104.8	57	4	48.4	91.3	17.5	157	M20 X 1.5	184,200	153,000	1,400
110	UEL322D1	240	141.3	106.4	59	4	49.2	92.1	17.5	168	M20 X 1.5	205,100	178,800	1,300



Units	Shaft Dia.	Load Rating
Metric	20 - 60 mm	Newton
Standard	¾ - 2 7/16 in	Lbs.

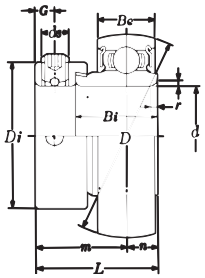
INSERT – STANDARD DUTY, ECCENTRIC LOCK, CYLINDRICAL OD, WIDE COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions								
		D	B_i	B	C	r_s	r_{1s}	S	S_1	G
20	**UELS204LD1NW3**	47	43.7	34.2	17	1	0.6	17.1	26.6	4.8
¾	**UELS204-012LD1NW3**	1.850	1.720	1.347	0.669	0.039	0.024	0.673	1.047	0.189
25	**UELS205LD1NW3**	52	44.4	34.9	17	1	0.6	17.4	26.9	4.8
13/16	**UELS205-013LD1NW3**									
7/8	**UELS205-014LD1NW3**	2.047	1.748	1.374	0.669	0.039	0.024	0.687	1.059	0.189
15/16	**UELS205-015LD1NW3**									
1	**UELS205-100LD1NW3**									
30	**UELS206LD1NW3**	62	48.4	36.5	19	1	1.0	18.2	30.1	6.0
1 1/16	**UELS206-101LD1NW3**									
1 1/8	**UELS206-102LD1NW3**	2.441	1.906	1.437	0.748	0.039	0.039	0.719	1.185	0.236
1 3/16	**UELS206-103LD1NW3**									
1¼	**UELS206-104LD1NW3**									
35	**UELS207LD1NW3**	72	51.1	37.6	20	1.5	1.5	18.8	32.3	6.8
1¼	**UELS207-104LD1NW3**									
1 5/16	**UELS207-105LD1NW3**	2.835	2.012	1.480	0.787	0.059	0.059	0.740	1.272	0.268
1⅜	**UELS207-106LD1NW3**									
1 7/16	**UELS207-107LD1NW3**									
40	**UELS208LD1NW3**	80	56.3	42.8	21	1.5	1.5	21.4	34.9	6.8
1½	**UELS208-108LD1NW3**	3.150	2.217	1.685	0.827	0.059	0.059	0.843	1.374	0.268
1 9/16	**UELS208-109LD1NW3**									
45	**UELS209LD1NW3**	85	56.3	42.8	21	1.5	1.5	21.4	34.9	6.8
1⅝	**UELS209-110LD1NW3**									
1 11/16	**UELS209-111LD1NW3**	3.347	2.217	1.685	0.827	0.059	0.059	0.843	1.374	0.268
1¼	**UELS209-112LD1NW3**									
50	**UELS210LD1NW3**	90	62.7	49.2	24	1.5	1.5	24.6	38.1	6.8
1 13/16	**UELS210-113LD1NW3**									
1⅞	**UELS210-114LD1NW3**	3.543	2.469	1.937	0.945	0.059	0.059	0.969	1.500	0.268
1 15/16	**UELS210-115LD1NW3**									
2	**UELS210-200LD1NW3**									
55	**UELS211LD1NW3**	100	71.4	55.5	25	2	2.0	27.7	43.6	8.0
2	**UELS211-200LD1NW3**									
2 1/16	**UELS211-201LD1NW3**	3.937	2.811	2.185	0.984	0.079	0.079	1.093	1.717	0.315
2⅛	**UELS211-202LD1NW3**									
2 3/16	**UELS211-203LD1NW3**									
60	**UELS212LD1NW3**	110	77.8	61.9	27	2	2.0	30.9	46.8	8.0
2¼	**UELS212-204LD1NW3**									
2 5/16	**UELS212-205LD1NW3**	4.331	3.063	2.437	1.063	0.079	0.079	1.219	1.843	0.315
2⅜	**UELS212-206LD1NW3**									
2 7/16	**UELS212-207LD1NW3**									

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1.
For limiting speeds, contact NTN Engineering. N suffix indicates machined face housing for end cap support. W3 suffix indicates set screw, cup point.

INSERT – STANDARD DUTY, ECCENTRIC LOCK, CYLINDRICAL OD, WIDE COLLAR (continued)

d_3	B_5	D_1	a	b	F	Socket Set Screw ds	Basic Load Rating		Part Number
							Dynamic Cr	Static Cor	
33	13.5	44.6	3.1	1.5	4.0	M6 × 0.75	12,800	6,650	**UELS204LD1NW3**
1.299	0.531	1.756	0.122	0.059	0.157	¼-28UNF	2,890	1,500	**UELS204-012LD1NW3**
38	13.5	49.7	3.2	1.5	4.1	M6 × 0.75	14,000	7,850	**UELS205LD1NW3**
1.496	0.531	1.958	0.126	0.059	0.161	¼-28UNF	3,150	1,770	**UELS205-013LD1NW3** **UELS205-014LD1NW3** **UELS205-015LD1NW3** **UELS205-100LD1NW3**
44.5	15.9	59.6	3.2	2.0	4.2	M8 × 1	19,500	11,300	**UELS206LD1NW3**
1.752	0.626	2.347	0.126	0.081	0.165	5⁄16-24UNF	4,400	2,540	**UELS206-101LD1NW3** **UELS206-102LD1NW3** **UELS206-103LD1NW3** **UELS206-104LD1NW3**
55.5	17.5	68.8	3.3	2.0	5.0	M10 × 1.25	25,700	15,300	**UELS207LD1NW3**
2.185	0.689	2.709	0.130	0.081	0.197	⅜-24UNF	5,750	3,450	**UELS207-104LD1NW3** **UELS207-105LD1NW3** **UELS207-106LD1NW3** **UELS207-107LD1NW3**
60	18.3	76.8	3.4	2.0	5.0	M10 × 1.25	29,100	17,800	**UELS208LD1NW3**
2.362	0.720	3.024	0.134	0.081	0.197	⅜-24UNF	6,550	4,000	**UELS208-108LD1NW3** **UELS208-109LD1NW3**
63.5	18.3	81.8	3.5	2.0	5.1	M10 × 1.25	32,500	20,400	**UELS209LD1NW3**
2.500	0.720	3.221	0.138	0.081	0.201	⅜-24UNF	7,350	4,600	**UELS209-110LD1NW3** **UELS209-111LD1NW3** **UELS209-112LD1NW3**
69.5	18.3	86.7	3.7	2.8	5.6	M10 × 1.25	35,000	23,200	**UELS210LD1NW3**
2.736	0.720	3.417	0.146	0.112	0.220	⅜-24UNF	7,900	5,200	**UELS210-113LD1NW3** **UELS210-114LD1NW3** **UELS210-115LD1NW3** **UELS210-200LD1NW3**
76	20.7	96.8	4.4	2.8	5.9	M10 × 1.25	43,500	29,200	**UELS211LD1NW3**
2.992	0.815	3.811	0.173	0.112	0.232	⅜-24UNF	9,750	6,550	**UELS211-200LD1NW3** **UELS211-201LD1NW3** **UELS211-202LD1NW3** **UELS211-203LD1NW3**
84	22.3	106.8	4.4	2.8	6.0	M10 × 1.25	52,500	36,000	**UELS212LD1NW3**
3.307	0.878	4.205	0.173	0.112	0.236	⅜-24UNF	11,800	8,150	**UELS212-204LD1NW3** **UELS212-205LD1NW3** **UELS212-206LD1NW3** **UELS212-207LD1NW3**

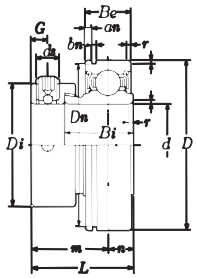


Units	Shaft Dia.	Load Rating
Metric	12 - 55 mm	Newton
Standard	½ - 2 in	Lbs.

INSERT – STANDARD DUTY, ECCENTRIC LOCK, NARROW COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions									Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	L	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
12	AEL201D1W3	40	28.6	19.0	12	0.6	6.5	22.1	4.8	29	M6 X 0.75	9,600	4,600	11,000
½	AEL201-008D1W3	1.575	1.126	.748	.472	.024	.256	.870	.189	1.140	¼-28UNF	2,160	1,030	
15	AEL202D1W3	40	28.6	19.0	12	0.6	6.5	22.1	4.8	29	M6 X 0.75	9,600	4,600	10,000
9/16	AEL202-009D1W3	1.575	1.126	.748	.472	.024	.256	.870	.189	1.140	¼-28UNF	2,160	1,030	
5/8	AEL202-010D1W3													
17	AEL203D1W3	40	28.6	19.0	12	0.6	6.5	22.1	4.8	29	M6 X 0.75	9,600	4,600	8,000
11/16	AEL203-011D1W3	1.575	1.126	.748	.472	.024	.256	.870	.189	1.140	¼-28UNF	2,160	1,030	
20	AEL204D1W3	47	31.0	21.5	14	1.0	7.5	23.5	4.8	33	M6 X 0.75	12,800	6,650	6,700
¾	AEL204-012D1W3	1.850	1.219	.846	.551	.039	.295	.924	.189	1.310	¼-28UNF	2,890	1,500	
25	AEL205D1W3	52	31.0	21.5	15	1.0	7.5	23.5	4.8	38	M6 X 0.75	14,000	7,850	5,900
13/16	AEL205-013D1W3	2.047	1.219	.846	.591	.039	.295	.924	.189	1.500	¼-28UNF	3,150	1,770	
7/8	AEL205-014D1W3													
15/16	AEL205-015D1W3													
1	AEL205-100D1W3													
30	AEL206D1W3	62	35.7	23.8	16	1.0	9	26.7	6.0	44.5	M8 X 1	19,500	11,300	4,900
1 1/16	AEL206-101D1W3	2.441	1.406	.937	.630	.039	.354	1.052	.236	1.750	5/16-24UNF	4,400	2,540	
1 1/8	AEL206-102D1W3													
1 3/16	AEL206-103D1W3													
1 1/4	AEL206-104D1W3													
35	AEL207D1W3	72	38.9	25.4	17	1.5	9.5	29.4	6.8	55.5	M10 X 1.25	25,700	15,300	4,200
1 1/4	AEL207-104D1W3	2.835	1.531	1.000	.669	.059	.374	1.157	.268	2.190	3/8-24UNF	5,750	3,450	
1 5/16	AEL207-105D1W3													
1 3/8	AEL207-106D1W3													
1 7/16	AEL207-107D1W3													
40	AEL208D1W3	80	43.7	30.2	18	1.5	11	32.7	6.8	60	M10 X 1.25	29,100	17,800	3,700
1 1/2	AEL208-108D1W3	3.150	1.719	1.189	.709	.059	.433	1.286	.268	2.370	3/8-24UNF	6,550	4,000	
1 9/16	AEL208-109D1W3													
45	AEL209D1W3	85	43.7	30.2	19	1.5	11	32.7	6.8	63.5	M10 X 1.25	32,500	20,400	3,500
1 5/8	AEL209-110D1W3	3.464	1.720	1.189	.748	.059	.433	1.287	.268	2.500	3/8-24UNF	7,350	4,600	
1 11/16	AEL209-111D1W3													
50	AEL210W3D1W3	90	43.7	30.2	20	1.5	11	32.7	6.8	69.5	M10 X 1.25	35,000	23,200	3,100
1 13/16	AEL210-113D1W3	3.543	1.720	1.189	.787	.059	.433	1.287	.268	2.736	3/8-24UNF	7,900	5,200	
1 7/8	AEL210-114D1W3													
1 15/16	AEL210-115D1W3													
2	AEL210-200D1W3													
55	AEL211D1W3	100	48.4	32.5	21	2.0	12	36.4	8.0	76	M10 X 1.25	43,500	29,200	2,900
2	AEL211-200D1W3	3.937	1.906	1.280	.827	.079	.472	1.433	.315	2.992	3/8-24UNF	9,750	6,550	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. W3 suffix indicates set screw, cup point.

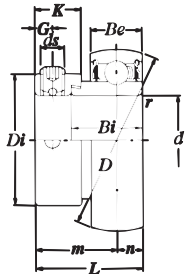


Units	Shaft Dia.	Load Rating
Metric	12 - 55 mm	Newton
Standard	½ - 2 in	Lbs.

INSERT – STANDARD DUTY, ECCENTRIC LOCK, NARROW COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions												Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	L	Bi	Be	r	n	m	G	Di	Dn	an	bn		Dynamic Cr	Static Cor	
12	AELS201N	40	28.6	19.0	12	0.6	6.5	22.1	4.8	29	38.1	1.9	1.5	M6 X 0.75	9,600	4,600	11,000
½	AELS201-008N	1.575	1.126	.748	.472	.024	.256	.870	.189	1.140	1.500	.078	.059	¼-28UNF	2,160	1,030	
15	AELS202N	40	28.6	19.0	12	0.6	6.5	22.1	4.8	29	38.1	1.9	1.5	M6 X 0.75	9,600	4,600	10,000
9/16	AELS202-009N	1.575	1.126	.748	.472	.024	.256	.870	.189	1.140	1.500	.078	.059	¼-28UNF	2,160	1,030	
5/8	AELS202-010N																
17	AELS203N	40	28.6	19.0	12	0.6	6.5	22.1	4.8	29	38.1	1.9	1.5	M6 X 0.75	9,600	4,600	8,000
11/16	AELS203-011N	1.575	1.126	.748	.472	.024	.256	.870	.189	1.140	1.500	.078	.059	¼-28UNF	2,160	1,030	
20	AELS204N	47	31.0	21.5	14	1.0	7.5	23.5	4.8	33	44.6	2.3	1.5	M6 X 0.75	12,800	6,650	6,700
¾	AELS204-012N	1.850	1.219	.846	.551	.039	.295	.924	.189	1.310	1.756	.094	.059	¼-28UNF	2,890	1,500	
25	AELS205N	52	31.0	21.5	15	1.0	7.5	23.5	4.8	38	49.7	2.3	1.5	M6 X 0.75	14,000	7,850	5,900
13/16	AELS205-013N	2.047	1.219	.846	.591	.039	.295	.924	.189	1.500	1.958	.094	.059	¼-28UNF	3,150	1,770	
7/8	AELS205-014N																
15/16	AELS205-015N																
1	AELS205-100N																
30	AELS206N	62	35.7	23.8	16	1.0	9	26.7	6.0	44.5	59.6	3.1	2.0	M8 X 1	19,500	11,300	4,900
1 1/16	AELS206-101N	2.441	1.406	.937	.630	.039	.354	1.052	.236	1.750	2.347	.125	.081	5/16-24UNF	4,400	2,540	
1 1/8	AELS206-102N																
1 3/16	AELS206-103N																
1¼	AELS206-104N																
35	AELS207N	72	38.9	25.4	17	1.5	9.5	29.4	6.8	55.5	68.8	3.1	2.0	M10 X 1.25	25,700	15,300	4,200
1¼	AELS207-104N	2.835	1.531	1.000	.669	.059	.374	1.157	.268	2.190	2.709	.125	.081	3/8-24UNF	5,750	3,450	
1 5/16	AELS207-105N																
1 3/8	AELS207-106N																
1 7/16	AELS207-107N																
40	AELS208N	80	43.7	30.2	18	1.5	11	32.7	6.8	60	76.8	3.1	2.0	M10 X 1.25	29,100	17,800	3,700
1½	AELS208-108N	3.150	1.719	1.189	.709	.059	.433	1.286	.268	2.370	3.024	.125	.081	3/8-24UNF	6,550	4,000	
1 9/16	AELS208-109N																
45	AELS209N	85	43.7	30.2	19	1.5	11	32.7	6.8	63.5	81.8	3.1	2.0	M10 X 1.25	32,500	20,400	3,500
1 5/8	AELS209-110N	3.347	1.720	1.189	.748	.059	.433	1.286	.268	2.500	3.221	.125	.081	3/8-24UNF	7,350	4,600	
1 11/16	AELS209-111N																
1¾	AELS209-112N																
50	AELS210N	90	43.7	30.2	20	2.0	11	32.7	6.8	69.5	86.7	3.1	2.8	M10 X 1.25	35,000	23,200	3,100
1 13/16	AELS210-113N	3.544	1.720	1.189	.787	.079	.433	1.286	.268	2.730	3.417	.125	.112	3/8-24UNF	7,900	5,200	
1 7/8	AELS210-114N																
1 15/16	AELS210-115N																
2	AELS210-200N																
55	AELS211N	100	48.4	32.5	21	2.3	12	36.4	8.0	76	96.8	3.1	2.8	M10 X 1.25	43,500	29,200	2,900
2	AELS211-200N	3.937	1.906	1.279	.826	.091	.472	1.433	.315	2.992	3.811	.125	.112	3/8-24UNF	9,750	6,550	

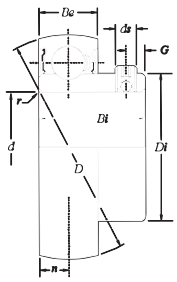
Note: N suffix indicates machined face housing for end cap support.



Units	Shaft Dia.	Load Rating
Metric	12 - 60 mm	Newton
Standard	½ - 2¼ in	Lbs.

INSERT – STANDARD DUTY, ECCENTRIC LOCK, NARROW COLLAR

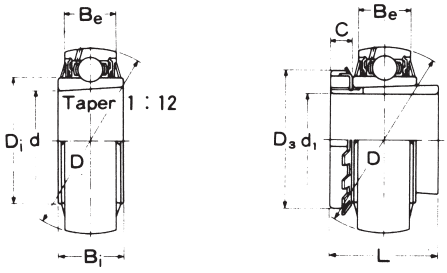
Shaft Dia. d	Part Number	Nominal Dimensions									Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	L	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
12	JEL201	40	28.6	19.0	13	1	6.5	22.1	4.8	29	M6 X 0.75	9,600	4,600	11,000
½	JEL201-008	1.575	1.126	.748	.512	.039	.256	.870	.189	1.142	¼-28UNF	2,160	1,030	
15	JEL202	40	28.6	19.0	13	1	6.5	22.1	4.8	29	M6 X 0.75	9,600	4,600	10,000
9/16	JEL202-009	1.575	1.126	.748	.512	.039	.256	.870	.189	1.142	¼-28UNF	2,160	1,030	
⅝	JEL202-010													
17	JEL203	40	28.6	19.0	13	1	6.5	22.1	4.8	29	M6 X 0.75	9,600	4,600	8,000
11/16	JEL203-011	1.575	1.126	.748	.512	.039	.256	.870	.189	1.142	¼-28UNF	2,160	1,030	
20	JEL204	47	31.0	21.5	15	1.5	7.5	23.5	4.8	33	M6 X 0.75	12,800	6,650	6,700
¾	JEL204-012	1.850	1.220	.846	.591	.059	.295	.925	.189	1.299	¼-28UNF	2,890	1,500	
25	JEL205	52	31.0	21.5	15	1.5	7.5	23.5	4.8	38	M6 X 0.75	14,000	7,850	5,900
13/16	JEL205-013	2.047	1.220	.846	.591	.059	.295	.925	.189	1.496	¼-28UNF	3,150	1,770	
⅞	JEL205-014													
15/16	JEL205-015													
1	JEL205-100													
30	JEL206	62	35.7	23.8	18	1.5	9	26.7	6.0	44.5	M8 X 1	19,500	11,300	4,900
1 1/16	JEL206-101	2.441	1.406	.937	.709	.059	.354	1.051	.236	1.752	5/16-24UNF	4,400	2,540	
1⅛	JEL206-102													
1 3/16	JEL206-103													
1¼	JEL206-104													
35	JEL207	72	38.9	25.4	19	2	9.5	29.4	6.8	55.5	M10 X 1.25	25,700	15,300	4,200
1¼	JEL207-104	2.835	1.531	1.000	.748	.079	.374	1.157	.268	2.185	⅜-24UNF	5,750	3,450	
1 5/16	JEL207-105													
1⅜	JEL207-106													
1 7/16	JEL207-107													
40	JEL208	80	43.7	30.2	22	2	11	32.7	6.8	60	M10 X 1.25	29,100	17,800	3,700
1½	JEL208-108	3.150	1.720	1.189	.866	.079	.433	1.287	.268	2.362	⅜-24UNF	6,550	4,000	
1 9/16	JEL208-109													
45	JEL209	85	43.7	30.2	22	2	11	32.7	6.8	63.5	M10 X 1.25	32,500	20,400	3,500
1 1/16	JEL209-110	3.347	1.720	1.189	.866	.079	.433	1.287	.268	2.500	⅜-24UNF	7,350	4,600	
1 1/16	JEL209-111													
1¾	JEL209-112													
50	JEL210	90	43.7	30.2	22	2	11	32.7	6.8	69.5	M10 X 1.25	35,000	23,200	3,100
1⅞	JEL210-114	3.543	1.720	1.189	.866	.079	.433	1.287	.268	2.740	⅜-24UNF	7,900	5,200	
1 15/16	JEL210-115													
55	JEL211	100	48.4	32.5	24	2.5	12	36.4	8.0	76	M10 X 1.25	43,500	29,200	2,900
2	JEL211-200	3.937	1.906	1.280	.945	.098	.472	1.433	.315	3.000	⅜-24UNF	9,750	6,550	
2 3/16	JEL211-203													
60	JEL212	110	53.1	37.2	27	2.5	13.5	39.6	8.0	84	M10 X 1.25	52,500	36,000	2,500
2¼	JEL212-204	4.331	2.091	1.465	1.063	.098	.531	1.559	.315	3.310	⅜-24UNF	11,800	8,150	



Units	Shaft Dia.	Load Rating
Metric	20 - 60 mm	Newton
Standard	¾ - 2 7/16 in	Lbs.

INSERT – STANDARD DUTY, ECCENTRIC LOCK, NARROW COLLAR

Shaft Dia. d	Part Number	Nominal Dimensions									Socket Set Screw ds	Basic Load Rating		Limiting Speed (rpm)
		D	L	Bi	Be	r	n	m	G	Di		Dynamic Cr	Static Cor	
20	REL204	47	43.7	34.2	15	1.5	17.1	26.6	4.8	33	M6 X 0.75	12,800	6,650	6,700
¾	REL204-012	1.850	1.720	1.347	.591	.059	.673	1.047	.189	1.310	¼-28UNF	2,890	1,500	
25	REL205	52	44.4	34.9	15	1.5	17.4	26.9	4.8	38	M6 X 0.75	14,000	7,850	
13/16	REL205-013													
7/8	REL205-014	2.047	1.748	1.374	.591	.059	.687	1.061	.189	1.500	¼-28UNF	3,150	1,770	5,900
15/16	REL205-015													
1	REL205-100													
30	REL206	62	48.4	36.5	18	1.5	18.2	30.2	6.0	44.5	M8 X 1	19,500	11,300	
1 1/16	REL206-101													
1 1/8	REL206-102	2.441	1.906	1.437	.709	.059	.719	1.188	.236	1.750	5/16-24UNF	4,400	2,540	4,900
1 3/16	REL206-103													
1 1/4	REL206-104													
35	REL207	72	51.1	37.6	19	2	18.8	32.3	6.8	55.5	M10 X 1.25	25,700	15,300	
1 1/4	REL207-104													
1 5/16	REL207-105	2.835	2.012	1.480	.748	.079	.740	1.272	.268	2.190	3/8-28UNF	5,750	3,450	4,200
1 3/8	REL207-106													
1 7/16	REL207-107													
40	REL208	80	56.3	42.8	22	2	21.4	34.9	6.8	60	M10 X 1.25	29,100	17,800	
1 1/2	REL208-108	3.150	2.217	1.685	.866	.079	.843	1.375	.268	2.370	3/8-28UNF	6,550	4,000	3,700
1 9/16	REL208-109													
45	REL209	85	56.3	42.8	22	2	21.4	34.9	6.8	63.5	M10 X 1.25	32,500	20,400	
1 5/8	REL209-110													
1 11/16	REL209-111	3.347	2.217	1.685	.866	.079	.843	1.375	.268	2.500	3/8-28UNF	7,350	4,600	3,500
1 3/4	REL209-112													
50	REL210	90	62.7	49.2	22	2	24.6	38.1	6.8	69.5	M10 X 1.25	35,000	23,200	
1 13/16	REL210-113													
1 7/8	REL210-114	3.543	2.469	1.937	.866	.079	.969	1.501	.268	2.740	3/8-28UNF	7,900	5,200	3,100
1 15/16	REL210-115													
2	REL210-200													
55	REL211	100	71.4	55.5	24	2.5	27.7	43.7	8.0	76	M10 X 1.25	43,500	29,200	
2	REL211-200													
2 1/16	REL211-201	3.937	2.811	2.185	.945	.098	1.093	1.719	.315	3.000	3/8-28UNF	9,750	6,550	2,900
2 1/8	REL211-202													
2 3/16	REL211-203													
60	REL212	110	77.8	61.9	27	2.5	30.9	46.9	8.0	84	M10 X 1.25	52,500	36,000	
2 1/4	REL212-204													
2 5/16	REL212-205	4.331	3.063	2.437	1.063	.098	1.219	1.845	.315	3.310	3/8-28UNF	11,800	8,150	2,500
2 3/8	REL212-206													
2 7/16	REL212-207													



Units	Shaft Dia.	Load Rating
Metric	20 - 80 mm	Newton
Standard	¾ - 3 3/16 in	Lbs.

INSERT – INTERMEDIATE DUTY, TAPERED BORE

Shaft Dia. d	Part Number	Nominal Dimensions								Basic Load Rating		Limiting Speed (rpm)
		d	D	Bi	Be	Di	L	C	D3	Dynamic Cr	Static Cor	
20	UK205D1 ; H2305X	25	52	23	18	33.9	35	8	38	14,000	7,850	5,900
¾	UK205D1 ; HE2305	0.984	2.047	0.906	0.709	1.335	1.378	0.315	1.496	3,150	1,770	
25	UK206D1 ; H2306X	30	62	26	20	40.8	38	8	45	19,500	11,300	4,900
⅞	UK206D1 ; HS2306	1.181	2.441	1.024	0.787	1.606	1.496	0.315	1.772	4,400	2,540	
1	UK206D1 ; HE2306X											
30	UK207D1 ; H2307X	35	72	29	22	46.8	43	9	52	25,700	15,300	4,200
1⅛	UK207D1 ; HS2307	1.378	2.835	1.142	0.866	1.843	1.693	0.354	2.047	5,750	3,450	
35	UK208D1 ; H2308X	40	80	31	24	53.0	46	10	58	29,100	17,800	3,700
1¼	UK208D1 ; HE2308X	1.575	3.150	1.220	0.945	2.087	1.811	0.394	2.283	6,550	4,000	
1⅜	UK208D1 ; HS2308X											
40	UK209D1 ; H2309X	45	85	31	24	57.5	50	11	65	32,500	20,400	3,500
1 7/16	UK209D1 ; HA2309											
1½	UK209D1 ; HE2309X	1.772	3.347	1.220	0.945	2.264	1.969	0.433	2.559	7,350	4,600	
1⅝	UK209D1 ; HS2309X											
45	UK210D1 ; H2310X	50	90	32	25	62.4	55	12	70	35,000	23,200	3,100
1⅝	UK210D1 ; HS2310											
1 11/16	UK210D1 ; HA2310	1.969	3.543	1.260	0.984	2.457	2.165	0.472	2.756	7,900	5,200	
1¾	UK210D1 ; HE2310X											
50	UK211D1 ; H2311X	55	100	35	27	69.0	59	12	75	43,500	29,200	2,900
1⅞	UK211D1 ; HS2311											
1 15/16	UK211D1 ; HA2311	2.165	3.937	1.378	1.063	2.717	2.323	0.472	2.953	9,750	6,550	
2	UK211D1 ; HE2311XY											
55	UK212D1 ; H2312X	60	110	38	30	77.0	62	13	80	52,500	36,000	2,500
2⅛	UK212D1 ; HS2312X	2.362	4.331	1.496	1.181	3.031	2.441	0.512	3.150	11,800	8,150	
60	UK213D1 ; H2313X	65	120	40	32	82.5	65	14	85	57,500	40,000	2,400
2 3/16	UK213D1 ; HA2313											
2¼	UK213D1 ; HE2313	2.559	7.724	1.575	1.260	3.248	2.559	0.551	3.346	12,900	9,000	
2⅜	UK213D1 ; HS2313											
65	UK215D1 ; H2315X	75	130	44	34	93.0	73	15	98	66,000	49,500	2,100
2 7/16	UK215D1 ; HA2315	2.953	5.118	1.732	1.339	3.661	2.874	0.591	3.858	14,900	11,100	
2½	UK215D1 ; HE2315											
70	UK216D1 ; H2316X	80	140	45	35	98.1	78	17	105	72,500	53,000	2,000
2 11/16	UK216D1 ; HA2316	3.150	5.512	1.772	1.378	3.862	3.071	0.669	4.134	16,300	11,900	
2¾	UK216D1 ; HE2316											
75	UK217D1 ; H2317X	85	150	46	36	106.1	82	18	110	83,500	64,000	1,900
2 15/16	UK217D1 ; HA2317	3.347	5.906	1.811	1.417	4.177	3.228	0.709	4.331	18,700	14,300	
3	UK217D1 ; HE2317											
80	UK218D1 ; H2318X	90	160	47	37	111.6	86	18	120	96,000	71,500	1,700
3 3/16	UK218D1 ; HA2318	3.543	6.299	1.850	1.457	4.394	3.386	0.709	4.724	21,600	16,100	

Note: These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix D1. Adapter number with suffix X means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used. For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve; to distinguish it, a suffix Y is added.

The NTN Stainless Steel and Thermoplastic series of mounted units offer optimum performance for food-grade and related environments, with a strong focus on protection from oxidation, mold, bacteria, and chemical cleaning agents. Solid-base construction creates excellent mount stability and impact resistance. Mounted-unit inserts have a stainless steel composition designed to withstand the aggressive cleaning and corrosive environments found within the food-processing industry. They feature USDA H1 grade grease, as well as a stainless steel bearing-unit insert that offers exceptional humidity resistance.

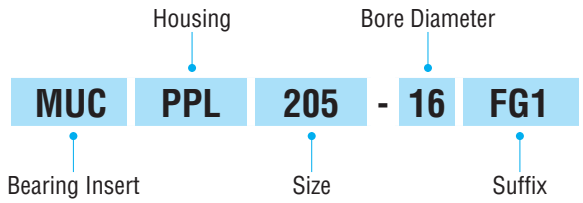
Key Markets Served:
Food Processing, Cosmetics, Pharmaceutical, Material Handling, and Wastewater Treatment

Table of Contents

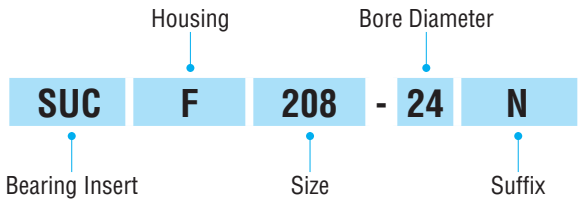
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ZUCPPL 201
MUCFPL 202
ZUCFPL 203
MUCNFL 204
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ZUCFBL 207
SUCP 208
SESP 209
SUCPA 210
SESPA 211
SUCF 212
SESF 213
SUCFL 214
SESFL 215
SUCT 216-217
SEST 218-219
Bearing Inserts 220-222

CORROSION-RESISTANT SERIES – MOUNTED UNIT NUMBERING SYSTEM

Thermoplastic Series



Stainless Steel Series



THERMOPLASTIC SERIES

BEARING INSERT
- MUC: Stainless steel insert, set screw
- ZUC: Zinc Chromate insert, set screw

HOUSING
- PPL: Two-bolt pillow block
- FPL: Four-bolt flange
- NFL: Two-bolt flange
- FBL: Three-bolt flange

SIZE
Metric and inches available

BORE DIAMETER
Shaft diameter in metric or inches

SUFFIX
- FG1: Food grade solid lube grease

STAINLESS STEEL SERIES

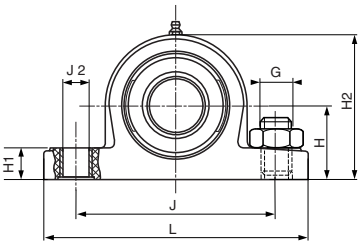
BEARING INSERT
- SUC: Stainless steel insert, set screw
- SES: Stainless steel insert, eccentric lock

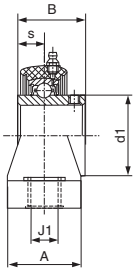
HOUSING
- F: Four-bolt flange
- FL: Two-bolt flange
- P: Two-bolt pillow block
- PA: Two-bolt tapped base
- T: Take-up unit

SIZE
Metric and inches available

BORE DIAMETER
Shaft diameter in metric or inches

SUFFIX
- N: Machined face for end cap support
- FG1: Food grade solid lube grease





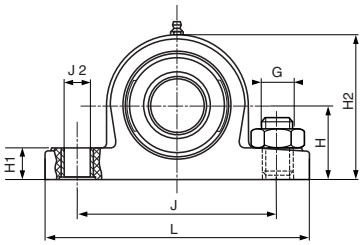
Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in

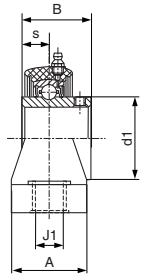
THERMOPLASTIC – 2 BOLT PILLOW BLOCK, SET SCREW, STAINLESS STEEL INSERT

Shaft Dia.	Part Number	Nominal Dimensions												Insert Number	Housing Number
		L	H	H1	H2	J	J1	J2	G	A	B	s	d1		
20	**MUCPPL204**	127	33.3	14.2	65	95	11	14	10	38	31.0	12.7	29	**MUC204FD**	PPL204
¾	**MUCPPL204-12**	5	1 5/16	9/16	2 9/16	3¾	½	9/16	⅜	1½	1.220	0.500	1⅛	**MUC204-12FD**	
25	**MUCPPL205**	140	36.5	14.5	71	105	11	14	10	38	34.1	14.3	34	**MUC205FD**	PPL205
1	**MUCPPL205-16**	5½	1 7/16	9/16	2 25/32	4⅛	½	9/16	⅜	1½	1.343	0.563	1 5/16	**MUC205-16FD**	
30	**MUCPPL206**	162	42.9	17.8	83	119	14	18	12	46	38.1	15.9	40.5	**MUC206FD**	PPL206
1⅛	**MUCPPL206-18**													**MUC206-18FD**	
1 3/16	**MUCPPL206-19**	6½	1 11/16	21/32	3 3/32	4¾	9/16	23/32	½	1 13/16	1.500	0.626	1 9/16	**MUC206-19FD**	
1¼	**MUCPPL206-20**													**MUC206-20FD**	
35	**MUCPPL207**	167	47.6	18	94	127	14	18	12	48	42.9	17.5	48	**MUC207FD**	PPL207
1¼	**MUCPPL207-20**													**MUC207-20FD**	
1⅜	**MUCPPL207-22**	6 9/16	1⅞	23/32	3 21/32	5	9/16	23/32	½	1⅞	1.689	0.689	1⅞	**MUC207-22FD**	
1 7/16	**MUCPPL207-23**													**MUC207-23FD**	
40	**MUCPPL208**	184	49.2	19.5	98	137	14	18	12	54	49.2	19.0	53	**MUC208FD**	PPL208
1½	**MUCPPL208-24**	7¼	1 15/16	23/32	3 27/32	5 13/32	9/16	23/32	½	2⅛	1.937	0.748	2 1/16	**MUC208-24FD**	

Note: Part number replaces former GNP series (Example: MUCPPL205-16 = GNP2516)

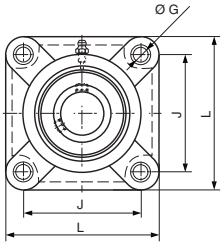
Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in

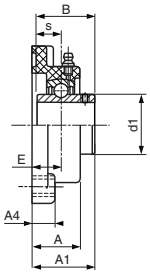




THERMOPLASTIC – 2 BOLT PILLOW BLOCK, SET SCREW, ZINC CHROMATE INSERT

Shaft Dia.	Part Number	Nominal Dimensions												Insert Number	Housing Number
		L	H	H1	H2	J	J1	J2	G	A	B	s	d1		
20	**ZUCPPL204**	127	33.3	14.2	65	95	11	14	10	38	31.0	12.7	29	**ZUC204FG**	PPL204
¾	**ZUCPPL204-12**	5	1 5/16	9/16	2 9/16	3¾	½	9/16	⅜	1½	1.220	0.500	1⅛	**ZUC204-12FG**	
25	**ZUCPPL205**	140	36.5	14.5	71	105	11	14	10	38	34.1	14.3	34	**ZUC205FG**	PPL205
1	**ZUCPPL205-16**	5½	1 7/16	9/16	2 25/32	4⅛	½	9/16	⅜	1½	1.343	0.563	1 5/16	**ZUC205-16FG**	
30	**ZUCPPL206**	162	42.9	17.8	83	119	14	18	12	46	38.1	15.9	40.5	**ZUC206FG**	PPL206
1⅛	**ZUCPPL206-18**													**ZUC206-18FG**	
1 3/16	**ZUCPPL206-19**	6½	1 11/16	21/32	3 9/32	4¾	9/16	23/32	½	1 13/16	1.500	0.626	1 9/16	**ZUC206-19FG**	
1¼	**ZUCPPL206-20**													**ZUC206-20FG**	
35	**ZUCPPL207**	167	47.6	18.0	94	127	14	18	12	48	42.9	17.5	48	**ZUC207FG**	PPL207
1¼	**ZUCPPL207-20**													**ZUC207-20FG**	
1⅜	**ZUCPPL207-22**	6 9/16	1⅞	23/32	3 21/32	5	9/16	23/32	½	1⅞	1.689	0.689	1⅞	**ZUC207-22FG**	
1 7/16	**ZUCPPL207-23**													**ZUC207-23FG**	
40	**ZUCPPL208**	184	49.2	19.5	98	137	14	18	12	54	49.2	19	53	**ZUC208FG**	PPL208
1½	**ZUCPPL208-24**	7¼	1 15/16	23/32	3 27/32	5 13/32	9/16	23/32	½	2⅛	1.937	0.748	2 1/16	**ZUC208-24FG**	





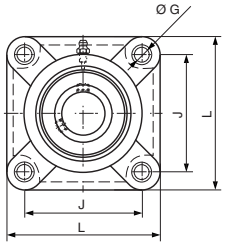
Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in

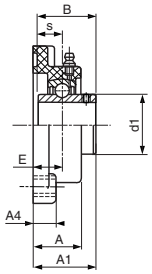
THERMOPLASTIC – 4 BOLT FLANGE, SET SCREW, STAINLESS STEEL INSERT

Shaft Dia.	Part Number	Nominal Dimensions										Insert Number	Housing Number
		L	J	G	A	A1	A4	E ± IT14	B	s	d1		
20	**MUCFPL204**	86	63.5	11	27.8	36.3	13.4	18.0	31.0	12.7	29	**MUC204FD**	FPL204
¾	**MUCFPL204-12**	3 3/8	2 33/64	½	1 1/16	1 27/64	17/32	0.709	1.220	0.500	1 1/8	**MUC204-12FD**	
25	**MUCFPL205**	95	70	11	28.0	36.7	14.3	17.0	34.1	14.3	34	**MUC205FD**	FPL205
1	**MUCFPL205-16**	3¾	2¾	½	1 1/16	1 7/16	9/16	0.067	1.343	0.563	1 5/16	**MUC205-16FD**	
30	**MUCFPL206**	107	83	11	31.5	41.4	14.3	19.2	38.1	15.9	40.5	**MUC206FD**	FPL206
1 1/8	**MUCFPL206-18**											**MUC206-18FD**	
1 3/16	**MUCFPL206-19**	4¼	3 17/64	½	1 7/32	1 5/8	9/16	0.756	1.500	0.626	1 9/16	**MUC206-19FD**	
1¼	**MUCFPL206-20**											**MUC206-20FD**	
35	**MUCFPL207**	118	92	13	34.8	46.9	15.5	21.5	42.9	17.5	48	**MUC207FD**	FPL207
1¼	**MUCFPL207-20**											**MUC207-20FD**	
1⅜	**MUCFPL207-22**	4 19/32	3⅝	½	1 11/32	1 27/32	39/64	0.846	1.689	0.689	1⅞	**MUC207-22FD**	
1 7/16	**MUCFPL207-23**											**MUC207-23FD**	
40	**MUCFPL208**	130	102	14	37.5	53.2	17.0	23.0	49.2	19.0	53	**MUC208FD**	FPL208
1½	**MUCFPL208-24**	5⅛	4 1/64	9/16	1½	2 3/32	43/64	0.906	1.937	0.748	2 1/16	**MUC208-24FD**	

Note: Part number replaces former GSF series (Example: MUCFPL207-20 = GSF3520)

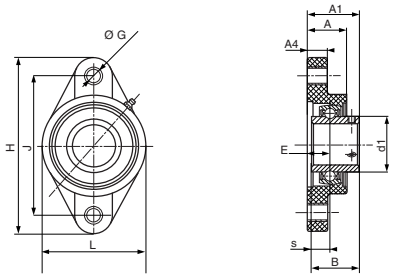
Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in





THERMOPLASTIC – 4 BOLT FLANGE, SET SCREW, ZINC CHROMATE INSERT

Shaft Dia.	Part Number	Nominal Dimensions										Insert Number	Housing Number
		L	J	G	A	A1	A4	E ± IT14	B	s	d1		
20	**ZUCFPL204**	86	63.5	11	27.8	36.3	13.4	18	31	12.7	29	**ZUC204FG**	FPL204
¾	**ZUCFPL204-12**	3⅜	2 33/64	½	1 1/16	1 27/64	17/32	0.709	1.220	0.500	1⅛	**ZUC204-12FG**	
25	**ZUCFPL205**	95	70	11	28	36.7	14.3	17	34.1	14.3	34	**ZUC205FG**	FPL205
1	**ZUCFPL205-16**	3¾	2¾	½	1 1/16	1 7/16	9/16	0.067	1.343	0.563	1 5/16	**ZUC205-16FG**	
30	**ZUCFPL206**	107	83	11	31.5	41.4	14.3	19.2	38.1	15.9	40.5	**ZUC206FG**	FPL206
1⅛	**ZUCFPL206-18**											**ZUC206-18FG**	
1 3/16	**ZUCFPL206-19**	4¼	3 17/64	½	1 7/32	1⅝	9/16	0.756	1.500	0.626	1 9/16	**ZUC206-19FG**	
1¼	**ZUCFPL206-20**											**ZUC206-20FG**	
35	**ZUCFPL207**	118	92	13	34.8	46.9	15.5	21.5	42.9	17.5	48	**ZUC207FG**	FPL207
1¼	**ZUCFPL207-20**											**ZUC207-20FG**	
1⅜	**ZUCFPL207-22**	4 19/32	3⅝	½	1 11/32	1 27/32	39/64	0.846	1.689	0.689	1⅞	**ZUC207-22FG**	
1 7/16	**ZUCFPL207-23**											**ZUC207-23FG**	
40	**ZUCFPL208**	130	102	14	37.5	53.2	17	23	49.2	19	53	**ZUC208FG**	FPL208
1½	**ZUCFPL208-24**	5⅛	4 1/64	9/16	1½	2 3/32	43/64	0.906	1.937	0.748	2 1/16	**ZUC208-24FG**	



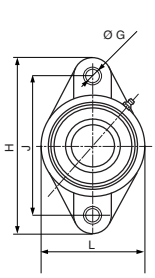
Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in

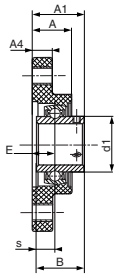
THERMOPLASTIC – 2 BOLT FLANGE, SET SCREW, STAINLESS STEEL INSERT

Shaft Dia.	Part Number	Nominal Dimensions											Insert Number	Housing Number
		L	H	J	G	A	A1	A4	E ± IT14	B	s	d1		
20	**MUCNFL204**	64.8	130	90	11	26.5	33.7	11.4	15.4	31.0	12.7	29	**MUC204FD**	NFL204
¾	**MUCNFL204-12**	2 35/64	5 1/8	3 35/64	7/16	1 1/16	1 21/64	7/16	0.606	1.220	0.500	1 1/8	**MUC204-12FD**	
25	**MUCNFL205**	70.0	130	99	11	29.7	36.7	13.5	17.0	34.1	14.3	34	**MUC205FD**	NFL205
1	**MUCNFL205-16**	2 3/4	5 1/8	3 57/64	7/16	1 11/64	1 7/16	17/32	0.669	1.343	0.563	1 5/16	**MUC205-16FD**	
30	**MUCNFL206**	80.0	148	117	11	30.5	41.2	13.5	19.0	38.1	15.9	40.5	**MUC206FD**	NFL206
1 1/8	**MUCNFL206-18**												**MUC206-18FD**	
1 3/16	**MUCNFL206-19**	3 5/32	5 13/16	4 39/64	7/16	1 7/32	1 5/8	17/32	0.748	1.500	0.626	1 3/16	**MUC206-19FD**	
1 1/4	**MUCNFL206-20**												**MUC206-20FD**	
35	**MUCNFL207**	90.0	163	130	13	32.8	43.4	16.1	18.0	42.9	17.5	48	**MUC207FD**	NFL207
1 1/4	**MUCNFL207-20**												**MUC207-20FD**	
1 3/8	**MUCNFL207-22**	3 17/32	6 11/32	5 1/8	1/2	1 19/64	1 45/64	1 41/64	0.709	1.689	0.689	1 7/8	**MUC207-22FD**	
1 7/16	**MUCNFL207-23**												**MUC207-23FD**	
40	**MUCNFL208**	100.0	175	144	14	37.5	51.7	20.0	21.5	49.2	19.0	53	**MUC208FD**	NFL208
1½	**MUCNFL208-24**	3 15/16	6 7/8	5 43/64	9/16	1 1/2	2 1/32	25/32	0.846	1.937	0.748	2 1/16	**MUC208-24FD**	

Note: Part number replaces former GSFT series (Example: MUCNFL208-24 = GSFT4024)

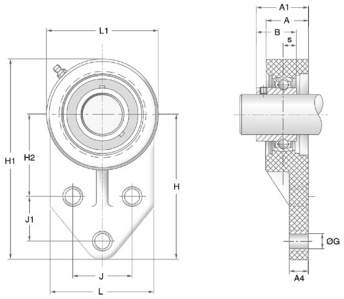
Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in





THERMOPLASTIC – 2 BOLT FLANGE, SET SCREW, ZINC CHROMATE INSERT

Shaft Dia.	Part Number	Nominal Dimensions											Insert Number	Housing Number
		L	H	J	G	A	A1	A4	E ± IT14	B	s	d1		
20	**ZUCNFL204**	64.8	130	90	11	26.5	33.7	11.4	15.4	31.0	12.7	29	**ZUC204FG**	NFL204
¾	**ZUCNFL204-12**	2 35/64	5 1/8	3 35/64	7/16	1 1/16	1 21/64	7/16	0.606	1.220	0.500	1 1/8	**ZUC204-12FG**	
25	**ZUCNFL205**	70.0	130	99	11	29.7	36.7	13.5	17.0	34.1	14.3	34	**ZUC205FG**	NFL205
1	**ZUCNFL205-16**	2 3/4	5 1/8	3 57/64	7/16	1 11/64	1 7/16	17/32	0.669	1.343	0.563	1 5/16	**ZUC205-16FG**	
30	**ZUCNFL206**	80.0	148	117	11	30.5	41.2	13.5	19.0	38.1	15.9	40.5	**ZUC206FG**	NFL206
1 1/8	**ZUCNFL206-18**												**ZUC206-18FG**	
1 3/16	**ZUCNFL206-19**	3 5/32	5 13/16	4 39/64	7/16	1 7/32	1 5/8	17/32	0.748	1.500	0.626	1 9/16	**ZUC206-19FG**	
1¼	**ZUCNFL206-20**												**ZUC206-20FG**	
35	**ZUCNFL207**	90.0	163	130	13	32.8	43.4	16.1	18.0	42.9	17.5	48	**ZUC207FG**	NFL207
1¼	**ZUCNFL207-20**												**ZUC207-20FG**	
1⅜	**ZUCNFL207-22**	3 17/32	6 11/32	5 1/8	½	1 19/64	1 45/64	1 41/64	0.709	1.689	0.689	1 7/8	**ZUC207-22FG**	
1 7/16	**ZUCNFL207-23**												**ZUC207-23FG**	
40	**ZUCNFL208**	100.0	175	144	14	37.5	51.7	20.0	21.5	49.2	19.0	53	**ZUC208FG**	NFL208
1½	**ZUCNFL208-24**	3 15/16	6 7/8	5 43/64	9/16	1½	2 1/32	25/32	0.846	1.937	0.748	2 1/16	**ZUC208-24FG**	

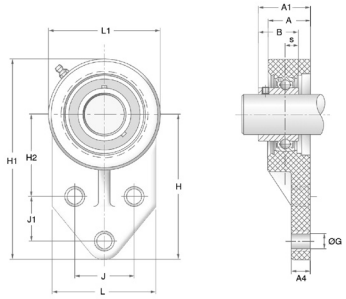


Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in

THERMOPLASTIC – 3 BOLT FLANGE, SET SCREW, STAINLESS STEEL INSERT

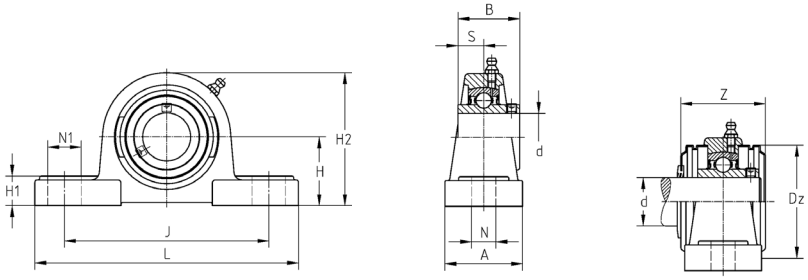
Shaft Dia.	Part Number	Nominal Dimensions													Insert Number	Housing Number
		H	L	J	H2	A1	J1	A4	H1	L1	A	G	B	s		
20	**MUCFBL204**	76.2	62	38.1	42.9	33.7	22.2	11.4	108.0	63.5	26.5	10.7	31	12.7	**MUC204FD**	FBL204
¾	**MUCFBL204-12**	3	2 7/16	1½	1 11/16	1 21/64	⅞	1 29/64	4¼	2½	1 3/64	27/64	1.220	0.500	**MUC204-12FD**	
25	**MUCFBL205**	85.7	63.5	41.3	46.0	41.2	28.6	11.4	120.6	70	34	10.7	34	14.3	**MUC205FD**	FBL205
1	**MUCFBL205-16**	3⅜	2½	1⅝	1 13/16	1⅝	1⅛	1 29/64	4¾	2¾	1 11/32	27/64	1.339	0.563	**MUC205-16FD**	
30	**MUCFBL206**	96.5	76	47.6	52.4	41.5	31.8	13.3	138.5	83	32	10.7	38.1	15.9	**MUC206FD**	FBL206
1⅛	**MUCFBL206-18**														**MUC206-18FD**	
1 3/16	**MUCFBL206-19**	3 51/64	3	1⅞	2 1/16	1 41/64	1¼	17/32	5 29/64	3 17/64	1 17/64	27/64	1.500	0.626	**MUC206-19FD**	
1¼	**MUCFBL206-20**														**MUC206-20FD**	
35	**MUCFBL207**	109.5	89	50.8	60.3	47.1	31.8	16.1	157.0	95	36.5	13.1	42.9	17.5	**MUC207FD**	FBL207
1¼	**MUCFBL207-20**														**MUC207-20FD**	
1⅜	**MUCFBL207-22**	4 5/16	3½	2	2⅜	1 55/64	1¼	⅝	6 3/16	3 47/64	1 7/16	33/64	1.689	0.689	**MUC207-22FD**	
1 7/16	**MUCFBL207-23**														**MUC207-23FD**	
40	**MUCFBL208**	109.5	89	50.8	60.3	51.7	31.8	16.1	158.5	99	37	13.1	49.2	19.0	**MUC208FD**	FBL208
1½	**MUCFBL208-24**	4 5/16	3½	2	2⅜	2 1/32	1¼	⅝	6¼	3 57/64	1 29/64	33/64	1.937	0.748	**MUC208-24FD**	

Units	Shaft Dia.
Metric	20 - 40 mm
Standard	¾ - 1½ in



THERMOPLASTIC – 3 BOLT FLANGE, SET SCREW, ZINC CHROMATE INSERT

Shaft Dia.	Part Number	Nominal Dimensions													Insert Number	Housing Number
		H	L	J	H2	A1	J1	A4	H1	L1	A	G	B	s		
20	**ZUCFBL204**	76.2	62	38.1	42.9	33.7	22.2	11.4	108.0	63.5	26.5	10.7	31	12.7	**ZUC204FG**	FBL204
¾	**ZUCFBL204-12**	3	2 7/16	1½	1 11/16	1 21/64	⅞	1 29/64	4¼	2½	1 3/64	27/64	1.220	0.500	**ZUC204-12FG**	
25	**ZUCFBL205**	85.7	63.5	41.3	46.0	41.2	28.6	11.4	120.6	70	34	10.7	34	14.3	**ZUC205FG**	FBL205
1	**ZUCFBL205-16**	3⅜	2½	1⅝	1 13/16	1⅝	1⅛	1 29/64	4¾	2¾	1 11/32	27/64	1.339	0.563	**ZUC205-16FG**	
30	**ZUCFBL206**	96.5	76	47.6	52.4	41.5	31.8	13.3	138.5	83	32	10.7	38.1	15.9	**ZUC206FG**	FBL206
1⅛	**ZUCFBL206-18**														**ZUC206-18FG**	
1 3/16	**ZUCFBL206-19**	3 51/64	3	1⅞	2 1/16	1 41/64	1¼	17/32	5 29/64	3 17/64	1 17/64	27/64	1.500	0.626	**ZUC206-19FG**	
1¼	**ZUCFBL206-20**														**ZUC206-20FG**	
35	**ZUCFBL207**	109.5	89	50.8	60.3	47.1	31.8	16.1	157.0	95	36.5	13.1	42.9	17.5	**ZUC207FG**	FBL207
1¼	**ZUCFBL207-20**														**ZUC207-20FG**	
1⅜	**ZUCFBL207-22**	4 5/16	3½	2	2⅜	1 55/64	1¼	⅝	6 3/16	3 47/64	1 1/16	33/64	1.689	0.689	**ZUC207-22FG**	
1 7/16	**ZUCFBL207-23**														**ZUC207-23FG**	
40	**ZUCFBL208**	109.5	89	50.8	60.3	51.7	31.8	16.1	158.5	99	37	13.1	49.2	19.0	**ZUC208FG**	FBL208
1½	**ZUCFBL208-24**	4 5/16	3½	2	2⅜	2 1/32	1¼	⅝	6¼	3 57/64	1 29/64	33/64	1.937	0.748	**ZUC208-24FG**	



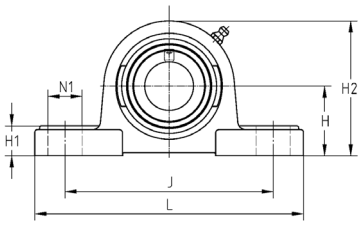
Units	Shaft Dia.
Metric	12 - 60 mm
Standard	¾ - 2 7/16 in

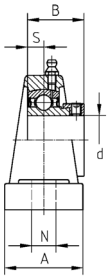
STAINLESS STEEL – 2 BOLT PILLOW BLOCK, SET SCREW

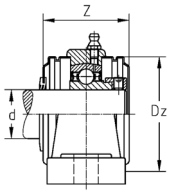
Shaft Dia. d	Part Number	Nominal Dimensions												Insert Number	Housing Number
		L	H	H1	H2	J	N	N1	A	B	s	Zmax	Dz		
12	**SUCP201**	126	33.3	15	65	95	13	19	38	31.0	12.7	45.6	54	**SUCP201**	SP204
15	**SUCP202**	126	33.3	15	65	95	13	19	38	31.0	12.7	45.6	54	**SUCP202**	SP204
17	**SUCP203**	126	33.3	15	65	95	13	19	38	31.0	12.7	45.6	54	**SUCP203**	SP204
20	**SUCP204**	126	33.3	15	65	95	13	19	38	31.0	12.7	45.6	54	**SUCP204**	SP204
¾	**SUCP204-12**	5	1 5/16	9/16	2 9/16	3¾	33/64	¾	1½	1.220	0.500	1.797	2.126	**SUCP204-12**	
25	**SUCP205**	140	36.5	16	70	105	13	19	38	34.1	14.3	47.8	60	**SUCP205**	SP205
1	**SUCP205-16**	5½	1 7/16	9/16	2 25/32	4⅛	33/64	¾	1½	1.343	0.563	1.882	2.362	**SUCP205-16**	
30	**SUCP206**	165	42.9	18	83	119	17	21	48	38.1	15.9	52.8	70	**SUCP206**	SP206
1⅛	**SUCP206-18**													**SUCP206-18**	
1 3/16	**SUCP206-19**	6½	1 11/16	23/32	3 9/32	4¾	43/64	53/64	1⅞	1.500	0.626	2.079	2.756	**SUCP206-19**	
1¼	**SUCP206-20**													**SUCP206-20**	
35	**SUCP207**	167	47.6	19	94	127	17	21	48	42.9	17.5	57.4	80	**SUCP207**	SP207
1¼	**SUCP207-20**													**SUCP207-20**	
1⅜	**SUCP207-22**	6 9/16	1⅞	47/64	3 21/32	5	43/64	53/64	1⅞	1.689	0.689	2.260	3.150	**SUCP207-22**	
1 7/16	**SUCP207-23**													**SUCP207-23**	
40	**SUCP208**	184	49.2	19	100	136	17	23	54	49.2	19.0	66.8	88	**SUCP208**	SP208
1½	**SUCP208-24**	7¼	1 15/16	47/64	3 15/16	5 13/32	43/64	29/32	2⅛	1.937	0.748	2.630	3.465	**SUCP208-24**	
45	**SUCP209**	190	54.0	20	109	146	17	23	54	49.2	19.0	67.8	95	**SUCP209**	SP209
1¾	**SUCP209-28**	7 31/64	2⅛	25/32	4 19/64	5¾	43/64	29/32	2⅛	1.937	0.748	2.669	3.740	**SUCP209-28**	
50	**SUCP210**	206	57.2	22	114	159	20	25	60	51.6	19.0	75.6	100	**SUCP210**	SP210
1 15/16	**SUCP210-31**	8 7/64	2¼	55/64	4 31/64	6¼	25/32	1	2 23/64	2.031	0.748	2.976	3.937	**SUCP210-31**	
55	**SUCP211**	219	63.5	23	126	171	20	25	60	63.5	22.2	75.2	110	**SUCP211**	SP211
2	**SUCP211-32**	8⅝	2½	29/32	4 61/64	6¾	25/32	1	2 23/64	2.500	0.874	2.961	4.331	**SUCP211-32**	
2 3/16	**SUCP211-35**													**SUCP211-35**	
60	**SUCP212**	241	69.8	25	138	184	20	25	70	69.8	25.4	87.8	120	**SUCP212**	SP212
2 7/16	**SUCP212-39**	9 31/64	2¾	1	5 7/16	7¼	25/32	1	2¾	2.748	1.000	3.470	4.724	**SUCP212-39**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.

Units	Shaft Dia.
Metric	12 - 60 mm
Standard	¾ - 2 7/16 in



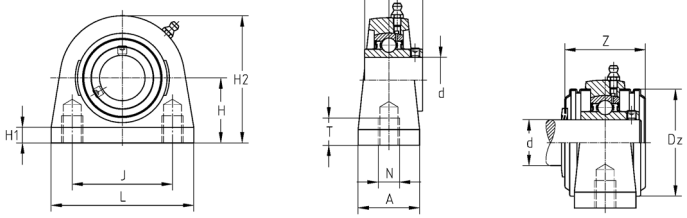




STAINLESS STEEL – 2 BOLT PILLOW BLOCK, ECCENTRIC LOCK

Shaft Dia. d	Part Number	Nominal Dimensions												Insert Number	Housing Number
		L	H	H1	H2	J	N	N1	A	B	s	Zmax	Dz		
12	**SESP201**	126	33.3	15	65	95	13	19	38	28.6	6	45.6	54	**SES201**	SP204
15	**SESP202**	126	33.3	15	65	95	13	19	38	28.6	6	45.6	54	**SES202**	SP204
17	**SESP203**	126	33.3	15	65	95	13	19	38	28.6	6	45.6	54	**SES203**	SP204
20	**SESP204**	126	33.3	15	65	95	13	19	38	31.0	7	45.6	54	**SES204**	SP204
¾	**SESP204-12**	5	1 5/16	9/16	2 9/16	3¾	3 3/64	¾	1½	1.220	0.276	1.797	2.126	**SES204-12**	
25	**SESP205**	140	36.5	16	70	105	13	19	38	31.0	7.5	47.8	60	**SES205**	SP205
1	**SESP205-16**	5½	1 7/16	9/16	2 25/32	4 1/8	3 3/64	¾	1½	1.220	0.295	1.882	2.362	**SES205-16**	
30	**SESP206**	165	42.9	18	83	119	17	21	48	35.7	8	52.8	70	**SES206**	SP206
1 1/8	**SESP206-18**													**SES206-18**	
1 3/16	**SESP206-19**	6½	1 11/16	23/32	3 3/32	4¾	4 3/64	53/64	1 1/8	1.406	0.315	2.079	2.756	**SES206-19**	
1¼	**SESP206-20**													**SES206-20**	
35	**SESP207**	167	47.6	19	94	127	17	21	48	38.9	8.5	57.4	80	**SES207**	SP207
1¼	**SESP207-20**													**SES207-20**	
1 3/8	**SESP207-22**	6 9/16	1 7/8	47/64	3 21/32	5	4 3/64	53/64	1 1/8	1.531	0.335	2.260	3.150	**SES207-22**	
1 7/16	**SESP207-23**													**SES207-23**	
40	**SESP208**	184	49.2	19	100	136	17	23	54	43.7	9	66.8	88	**SES208**	SP208
1½	**SESP208-24**	7¼	1 15/16	47/64	3 15/16	5 13/32	4 3/64	29/32	2 1/8	1.720	0.354	2.630	3.465	**SES208-24**	
45	**SESP209**	190	54.0	20	109	146	17	23	54	43.7	9.5	67.8	95	**SES209**	SP209
1¾	**SESP209-28**	7 31/64	2 1/8	25/32	4 19/64	5¾	4 3/64	29/32	2 1/8	1.720	0.374	2.669	3.740	**SES209-28**	
50	**SESP210**	206	57.2	22	114	159	20	25	60	43.7	10	75.6	100	**SES210**	SP210
1 15/16	**SESP210-31**	8 7/64	2¼	55/64	4 31/64	6¼	25/32	1	2 23/64	1.720	0.394	2.976	3.937	**SES210-31**	
55	**SESP211**	219	63.5	23	126	171	20	25	60	48.4	10.5	75.2	110	**SES211**	SP211
2	**SESP211-32**	8 5/8	2½	29/32	4 61/64	6¾	25/32	1	2 23/64	1.906	0.413	2.961	4.331	**SES211-32**	
2 3/16	**SESP211-35**													**SES211-35**	
60	**SESP212**	241	69.8	25	138	184	20	25	70	53.1	11	87.8	120	**SES212**	SP212
2 7/16	**SESP212-39**	9 31/64	2¾	1	5 7/16	7¼	25/32	1	2¾	2.091	0.433	3.470	4.724	**SES212-39**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.



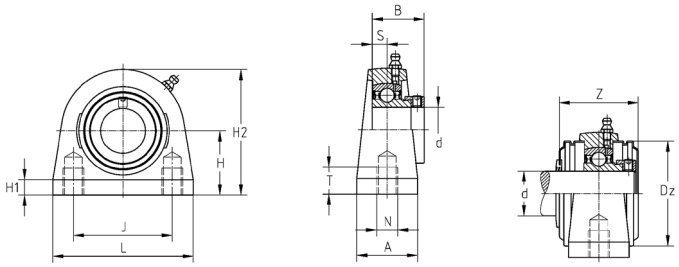
Units	Shaft Dia.
Metric	12 - 50 mm
Standard	¾ - 2 in

STAINLESS STEEL – 2 BOLT TAPPED BASE, SET SCREW

Shaft Dia. d	Part Number	Nominal Dimensions											Insert Number	Housing Number
		L	H	H1	H2	J	A	N	B	s	Zmax	Dz		
12	**SUCPA201**	73	33.3	11	65	50.8	38	M8	31	12.7	45.6	54	**SUC201**	SPA204
15	**SUCPA202**	73	33.3	11	65	50.8	38	M8	31	12.7	45.6	54	**SUC202**	SPA204
17	**SUCPA203**	73	33.3	11	65	50.8	38	M8	31	12.7	45.6	54	**SUC203**	SPA204
20	**SUCPA204**	73	33.3	11	65	50.8	38	M8	31	12.7	45.6	54	**SUC204**	SPA204
¾	**SUCPA204-12**	2⅞	1⅝16	7⁄16	2⅝16	2	1½		1.220	0.500	1.795	2.126	**SUC204-12**	
25	**SUCPA205**	76	36.5	11	71	50.8	38	M10	34.1	14.3	47.8	60	**SUC205**	SPA205
1	**SUCPA205-16**	3	1⅞16	7⁄16	2⅝64	2	1½		1.343	0.563	1.882	2.362	**SUC205-16**	
30	**SUCPA206**	102	42.9	12	86	76.2	38	M10	38.1	15.9	52.8	70	**SUC206**	SPA206
1⅛	**SUCPA206-18**												**SUC206-18**	
1⅜16	**SUCPA206-19**	4¼64	1⅛16	3⁄64	3⅝64	3	1½		1.500	0.626	2.079	2.756	**SUC206-19**	
1¼	**SUCPA206-20**												**SUC206-20**	
35	**SUCPA207**	108	47.6	12	95	82.6	48	M10	42.9	17.5	57.4	80	**SUC207**	SPA207
1¼	**SUCPA207-20**												**SUC207-20**	
1⅜	**SUCPA207-22**	4¼	1⅞	3⁄64	3¾	3¼	1⅝64		1.689	0.689	2.260	3.150	**SUC207-22**	
1⅞16	**SUCPA207-23**												**SUC207-23**	
40	**SUCPA208**	117	49.2	13	100	89.0	48	M12	49.2	19	66.8	88	**SUC208**	SPA208
1½	**SUCPA208-24**	4⅜64	1⅝16	½	3⅝16	3½	1⅝64		1.937	0.748	2.630	3.465	**SUC208-24**	
45	**SUCPA209**	127	54.0	13	108	95.3	51	M12	49.2	19	67.8	95	**SUC209**	SPA209
1¾	**SUCPA209-28**	5	2⅛	½	4¼	3¾	2		1.937	0.748	2.669	3.740	**SUC209-28**	
50	**SUCPA210**	140	57.2	13	117	101.6	51	M16	51.6	19	75.6	100	**SUC210**	SPA210
1⅝16	**SUCPA210-31**	5⅜64	2¼	½	4⅜64	4	2		2.031	0.748	2.976	3.937	**SUC210-31**	
2	**SUCPA210-32**												**SUC210-32**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.

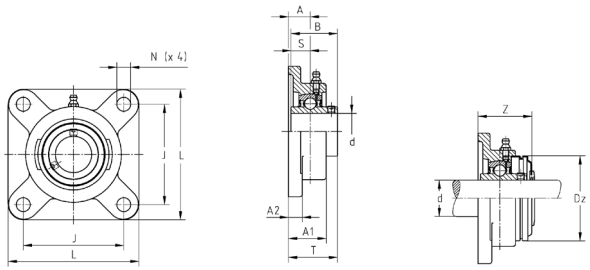
Units	Shaft Dia.
Metric	12 - 50 mm
Standard	¾ - 2 in



STAINLESS STEEL – 2 BOLT TAPPED BASE, ECCENTRIC LOCK

Shaft Dia. d	Part Number	Nominal Dimensions											Insert Number	Housing Number
		L	H	H1	H2	J	A	N	B	s	Z(max)	Dz		
12	**SESPA201**	73	33.3	11	65	50.8	38	M8	28.6	6	45.6	54	**SES201**	SPA204
15	**SESPA202**	73	33.3	11	65	50.8	38	M8	28.6	6	45.6	54	**SES202**	SPA204
17	**SESPA203**	73	33.3	11	65	50.8	38	M8	28.6	6	45.6	54	**SES203**	SPA204
20	**SESPA204**	73	33.3	11	65	50.8	38	M8	31	7	45.6	54	**SES204**	SPA204
¾	**SESPA204-12**	2⅞	1⁵⁄₁₆	⁷⁄₁₆	2⁹⁄₁₆	2	1½		1.220	0.276	1.795	2.126	**SES204-12**	
25	**SESPA205**	76	36.5	11	71	50.8	38	M10	31	7.5	47.8	60	**SES205**	SPA205
1	**SESPA205-16**	3	1⁷⁄₁₆	⁷⁄₁₆	2⁵¹⁄₆₄	2	1½		1.220	0.295	1.882	2.362	**SES205-16**	
30	**SESPA206**	102	42.9	12	86	76.2	38	M10	35.7	8	52.8	70	**SES206**	SPA206
1⅛	**SESPA206-18**												**SES206-18**	
1³⁄₁₆	**SESPA206-19**	4¹⁄₆₄	1¹¹⁄₁₆	³¹⁄₆₄	3²⁵⁄₆₄	3	1½		1.406	0.315	2.079	2.756	**SES206-19**	
1¼	**SESPA206-20**												**SES206-20**	
35	**SESPA207**	108	47.6	12	95	82.6	48	M10	38.9	8.5	57.4	80	**SES207**	SPA207
1¼	**SESPA207-20**												**SES207-20**	
1⅜	**SESPA207-22**	4¼	1⅞	³¹⁄₆₄	3¾	3¼	1⁵⁷⁄₆₄		1.531	0.335	2.260	3.150	**SES207-22**	
1⁷⁄₁₆	**SESPA207-23**												**SES207-23**	
40	**SESPA208**	117	49.2	13	100	89.0	48	M12	43.7	9	66.8	88	**SES208**	SPA208
1½	**SESPA208-24**	4³⁹⁄₆₄	1¹⁵⁄₁₆	½	3¹⁵⁄₁₆	3½	1⁵⁷⁄₆₄		1.720	0.354	2.630	3.465	**SES208-24**	
45	**SESPA209**	127	54.0	13	108	95.3	51	M12	43.7	9.5	67.8	95	**SES209**	SPA209
1¾	**SESPA209-28**	5	2⅛	½	4¼	3¾	2		1.720	0.374	2.669	3.740	**SES209-28**	
50	**SESPA210**	140	57.2	13	117	101.6	51	M16	43.7	10	75.6	100	**SES210**	SPA210
1¹⁵⁄₁₆	**SESPA210-31**	5³³⁄₆₄	2¼	½	4³⁹⁄₆₄	4	2		1.720	0.394	2.976	3.937	**SES210-31**	
2	**SESPA210-32**												**SES210-32**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.



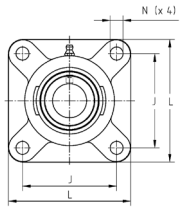
Units	Shaft Dia.
Metric	12 - 60 mm
Standard	¾ - 2 7/16 in

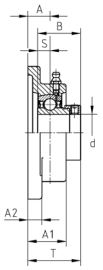
STAINLESS STEEL – 4 BOLT FLANGE, SET SCREW

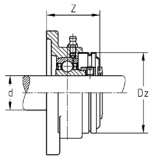
Shaft Dia. d	Part Number	Nominal Dimensions											Insert Number	Housing Number
		L	J	N	T	A	A1	A2	B	s	Z(max)	Dz		
12	**SUCF201**	86	64	12	33.3	15	25.5	12	31.0	12.7	37.8	54	**SUC201**	SF204
15	**SUCF202**	86	64	12	33.3	15	25.5	12	31.0	12.7	37.8	54	**SUC202**	SF204
17	**SUCF203**	86	64	12	33.3	15	25.5	12	31.0	12.7	37.8	54	**SUC203**	SF204
20	**SUCF204**	86	64	12	33.3	15	25.5	12	31.0	12.7	37.8	54	**SUC204**	SF204
¾	**SUCF204-12**	3⅜	2 33/64	31/64	1 5/16	19/32	1	31/64	1.220	0.500	1.488	2.126	**SUC204-12**	
25	**SUCF205**	95	70	12	35.8	16	27	14	34.1	14.3	39.9	60	**SUC205**	SF205
1	**SUCF205-16**	3¾	2¾	31/64	1 13/32	⅝	1 1/16	35/64	1.343	0.563	1.571	2.362	**SUC205-16**	
30	**SUCF206**	108	83	12	40.2	18	30.5	14	38.1	15.9	44.4	70	**SUC206**	SF206
1⅛	**SUCF206-18**												**SUC206-18**	
1 3/16	**SUCF206-19**	4¼	3 17/64	31/64	1 37/64	45/64	1 13/64	35/64	1.500	0.626	1.748	2.756	**SUC206-19**	
1¼	**SUCF206-20**												**SUC206-20**	
35	**SUCF207**	116	92	14	44.4	19	33.5	14.5	42.9	17.5	48.2	80	**SUC207**	SF207
1¼	**SUCF207-20**												**SUC207-20**	
1⅜	**SUCF207-22**	4 19/32	3⅝	35/64	1¾	¾	1 5/16	9/16	1.689	0.689	1.898	3.150	**SUC207-22**	
1 1/16	**SUCF207-23**												**SUC207-23**	
40	**SUCF208**	130	102	16	51.2	21	36	14.5	49.2	19.0	54.4	88	**SUC208**	SF208
1½	**SUCF208-24**	5⅛	4 1/64	⅝	2 1/64	53/64	1 27/64	9/16	1.937	0.748	2.142	3.465	**SUC208-24**	
45	**SUCF209**	137	105	16	52.2	22	38	15.5	49.2	19.0	55.9	95	**SUC209**	SF209
1¾	**SUCF209-28**	5 25/64	4 9/64	⅝	2 1/16	55/64	1½	19/32	1.937	0.748	2.201	3.740	**SUC209-28**	
50	**SUCF210**	143	111	16	54.6	22	40	15	51.6	19.0	59.8	100	**SUC210**	SF210
1 15/16	**SUCF210-31**	5⅝	4 7/16	⅝	2 5/32	55/64	1 37/64	19/32	2.031	0.748	2.354	3.937	**SUC210-31**	
55	**SUCF211**	162	130	19	58.4	25	44	20	55.6	22.2	62.6	110	**SUC211**	SF211
2	**SUCF211-32**	6⅜	5⅛	¾	2 19/64	1	1¾	25/32	2.189	0.874	2.465	4.331	**SUC211-32**	
2 3/16	**SUCF211-35**												**SUC211-35**	
60	**SUCF212**	175	143	19	68.7	29	48	20	65.1	25.4	72.9	120	**SUC212**	SF212
2 7/16	**SUCF212-39**	6 57/64	5⅝	¾	2 45/64	1 9/64	1 57/64	25/32	2.563	1.000	2.870	4.724	**SUC212-39**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.

Units	Shaft Dia.
Metric	12 - 60 mm
Standard	¾ - 2 7/16 in



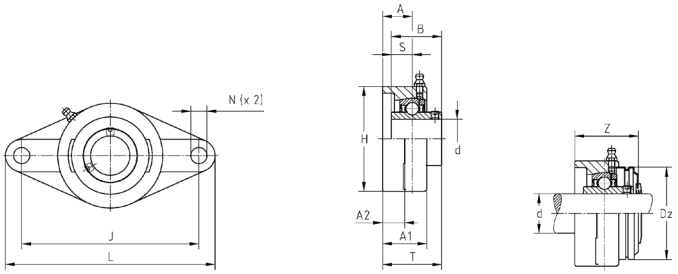




STAINLESS STEEL – 4 BOLT FLANGE, ECCENTRIC LOCK

Shaft Dia. d	Part Number	Nominal Dimensions											Insert Number	Housing Number
		L	J	N	T	A	A1	A2	B	s	Z(max)	Dz		
12	**SESF201**	86	64	12	37.6	15	25.5	12	28.6	6	37.8	54	**SES201**	SF204
15	**SESF202**	86	64	12	37.6	15	25.5	12	28.6	6	37.8	54	**SES202**	SF204
17	**SESF203**	86	64	12	37.6	15	25.5	12	28.6	6	37.8	54	**SES203**	SF204
20	**SESF204**	86	64	12	39.0	15	25.5	12	31.0	7	37.8	54	**SES204**	SF204
¾	**SESF204-12**	3⅜	2 33/64	1/64	1 17/32	19/32	1	1/64	1.220	0.276	1.488	2.126	**SES204-12**	
25	**SESF205**	103	70	12	39.5	16	27	14	31.0	7.5	39.9	60	**SES205**	SF205
1	**SESF205-16**	3¾	2¾	1/64	1 9/16	⅝	1 1/16	5/64	1.220	0.295	1.571	2.362	**SES205-16**	
30	**SESF206**	108	83	12	45.7	18	30.5	14	35.7	8	44.4	70	**SES206**	SF206
1⅛	**SESF206-18**												**SES206-18**	
1 3/16	**SESF206-19**	4¼	3 17/64	1/64	1 51/64	45/64	1 13/64	5/64	1.406	0.315	1.748	2.756	**SES206-19**	
1¼	**SESF206-20**												**SES206-20**	
35	**SESF207**	116	92	14	49.4	19	33.5	14.5	38.9	8.5	48.2	80	**SES207**	SF207
1¼	**SESF207-20**												**SES207-20**	
1⅜	**SESF207-22**	4 19/32	3⅝	5/64	1 15/16	¾	1 5/16	9/16	1.531	0.335	1.898	3.150	**SES207-22**	
1 1/16	**SESF207-23**												**SES207-23**	
40	**SESF208**	130	102	16	55.7	21	36	14.5	43.7	9	54.4	88	**SES208**	SF208
1½	**SESF208-24**	5⅛	4 1/64	⅝	2 3/16	53/64	1 27/64	9/16	1.720	0.354	2.142	3.465	**SES208-24**	
45	**SESF209**	137	105	16	56.2	22	38	15.5	43.7	9.5	55.9	95	**SES209**	SF209
1¾	**SESF209-28**	5 25/64	4 9/64	⅝	2 7/32	55/64	1½	19/32	1.720	0.374	2.201	3.740	**SES209-28**	
50	**SESF210**	143	111	16	55.7	22	40	15	43.7	10	59.8	100	**SES210**	SF210
1 15/16	**SESF210-31**	5⅝	4 1/16	⅝	2 3/16	55/64	1 37/64	19/32	1.720	0.394	2.354	3.937	**SES210-31**	
55	**SESF211**	162	130	19	62.9	25	44	20	48.4	10.5	62.6	110	**SES211**	SF211
2	**SESF211-32**	6⅜	5⅛	¾	2 15/32	1	1¾	25/32	1.906	0.413	2.465	4.331	**SES211-32**	
2 3/16	**SESF211-35**												**SES211-35**	
60	**SESF212**	175	143	19	71.1	29	48	20	53.1	11	72.9	120	**SES212**	SF212
2 7/16	**SESF212-39**	6 57/64	5⅝	¾	2 51/64	1 9/64	1 57/64	25/32	2.091	0.433	2.870	4.724	**SES212-39**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.



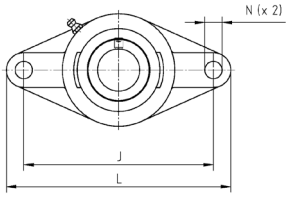
Units	Shaft Dia.
Metric	12 - 50 mm
Standard	¾ - 1 15/16 in

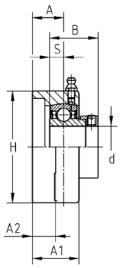
STAINLESS STEEL – 2 BOLT FLANGE, SET SCREW

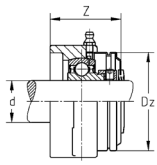
Shaft Dia. d	Part Number	Nominal Dimensions												Insert Number	Housing Number
		H	L	J	N	T	A	A1	A2	B	s	Z(max)	Dz		
12	**SUCFL201**	60	112	90	12	33.3	15	25.5	12	31.0	12.7	37.8	46	**SUC201**	SFL204
15	**SUCFL202**	60	112	90	12	33.3	15	25.5	12	31.0	12.7	37.8	46	**SUC202**	SFL204
17	**SUCFL203**	60	112	90	12	33.3	15	25.5	12	31.0	12.7	37.8	46	**SUC203**	SFL204
20	**SUCFL204**	60	112	90	12	33.3	15	25.5	12	31.0	12.7	37.8	54	**SUC204**	SFL204
¾	**SUCFL204-12**	2 23/64	4 13/32	3 35/64	½	1 21/64	19/32	1	½	1.220	0.500	1.488	2.126	**SUC204-12**	
25	**SUCFL205**	68	125	99	16	35.8	16	27	13	34.1	14.3	39.9	60	**SUC205**	SFL205
1	**SUCFL205-16**	2 43/64	4 59/64	3 57/64	5/8	1 13/32	5/8	1 1/16	17/32	1.343	0.563	1.571	2.362	**SUC205-16**	
30	**SUCFL206**	80	141	117	16	40.2	18	31	13	38.1	15.9	44.4	70	**SUC206**	SFL206
1⅛	**SUCFL206-18**													**SUC206-18**	
1 3/16	**SUCFL206-19**	3 5/32	5 35/64	4 39/64	5/8	1 37/64	45/64	1 7/32	17/32	1.500	0.626	1.748	2.756	**SUC206-19**	
1¼	**SUCFL206-20**													**SUC206-20**	
35	**SUCFL207**	90	156	130	16	44.4	19	33	15	42.9	17.5	47.7	80	**SUC207**	SFL207
1¼	**SUCFL207-20**													**SUC207-20**	
1⅜	**SUCFL207-22**	3 17/32	5 9/64	5⅛	5/8	1¾	¾	1 19/64	19/32	1.689	0.689	1.878	3.150	**SUC207-22**	
1 7/16	**SUCFL207-23**													**SUC207-23**	
40	**SUCFL208**	100	172	144	16	51.2	21	36	15	49.2	19.0	54.4	88	**SUC208**	SFL208
1½	**SUCFL208-24**	3 15/16	6 25/32	5 43/64	5/8	2 1/32	53/64	1 27/64	19/32	1.937	0.748	2.142	3.465	**SUC208-24**	
45	**SUCFL209**	108	180	148	19	52.2	22	38	15	49.2	19.0	55.9	95	**SUC209**	SFL209
1¾	**SUCFL209-28**	4¼	7 3/32	5 53/64	¾	2 13/64	55/64	1½	19/32	1.937	0.748	2.201	3.740	**SUC209-28**	
50	**SUCFL210**	115	190	157	19	54.6	22	39	16	51.6	19.0	59.8	100	**SUC210**	SFL210
1 15/16	**SUCFL210-31**	4 17/32	7 31/64	6 3/16	¾	2 5/32	55/64	1 17/32	5/8	2.031	0.748	2.354	3.937	**SUC210-31**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.

Units	Shaft Dia.
Metric	12 - 50 mm
Standard	¾ - 1 15/16 in



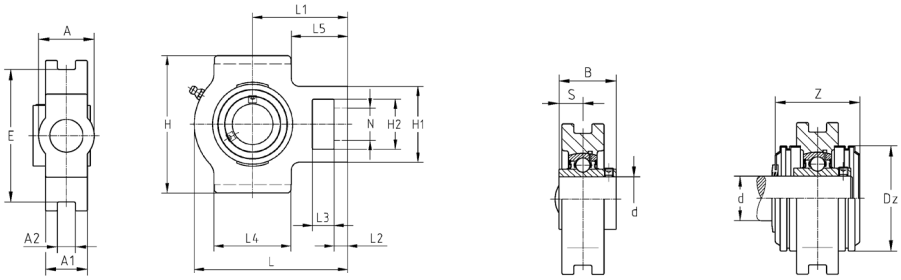




STAINLESS STEEL – 2 BOLT FLANGE, ECCENTRIC LOCK

Shaft Dia. d	Part Number	Nominal Dimensions												Insert Number	Housing Number
		H	L	J	N	T	A	A1	A2	B	s	Z(max)	Dz		
12	**SESFL201**	60	112	90	12	37.6	15	25.5	12	28.6	6	37.8	46	**SES201**	SFL204
15	**SESFL202**	60	112	90	12	37.6	15	25.5	12	28.6	6	37.8	46	**SES202**	SFL204
17	**SESFL203**	60	112	90	12	37.6	15	25.5	12	28.6	6	37.8	46	**SES203**	SFL204
20	**SESFL204**	60	112	90	12	39	15	25.5	12	31.0	7	37.8	54	**SES204**	SFL204
¾	**SESFL204-12**	2 23/64	4 13/32	3 35/64	½	1 17/32	19/32	1	½	1.220	0.276	1.488	2.126	**SES204-12**	
25	**SESFL205**	68	125	99	16	39.5	16	27	13	31.0	7.5	39.9	60	**SES205**	SFL205
1	**SESFL205-16**	2 43/64	4 59/64	3 57/64	5/8	1 9/16	5/8	1 1/16	17/32	1.220	0.295	1.571	2.362	**SES205-16**	
30	**SESFL206**	80	141	117	16	45.7	18	31	13	35.7	8	44.4	70	**SES206**	SFL206
1⅛	**SESFL206-18**													**SES206-18**	
1 3/16	**SESFL206-19**	3 5/32	5 35/64	4 39/64	5/8	1 25/32	45/64	1 7/32	17/32	1.406	0.315	1.748	2.756	**SES206-19**	
1¼	**SESFL206-20**													**SES206-20**	
35	**SESFL207**	90	156	130	16	49.4	19	33	15	38.9	8.5	47.7	80	**SES207**	SFL207
1¼	**SESFL207-20**													**SES207-20**	
1⅜	**SESFL207-22**	3 17/32	5 9/64	5⅛	5/8	1 15/16	¾	1 19/64	19/32	1.531	0.335	1.878	3.150	**SES207-22**	
1 1/16	**SESFL207-23**													**SES207-23**	
40	**SESFL208**	100	172	144	16	55.7	21	36	15	43.7	9	54.4	88	**SES208**	SFL208
1½	**SESFL208-24**	3 15/16	6 25/32	5 43/64	5/8	2 3/16	53/64	1 27/64	19/32	1.720	0.354	2.142	3.465	**SES208-24**	
45	**SESFL209**	108	180	148	19	56.2	22	38	15	43.7	9.5	55.9	95	**SES209**	SFL209
1¾	**SESFL209-28**	4¼	7 3/32	5 53/64	¾	2 7/32	55/64	1½	19/32	1.720	0.374	2.201	3.740	**SES209-28**	
50	**SESFL210**	115	190	157	19	55.7	22	39	16	43.7	10	59.8	100	**SES210**	SFL210
1 15/16	**SESFL210-31**	4 17/32	7 31/64	6 3/16	¾	2 3/16	55/64	1 17/32	5/8	1.720	0.394	2.354	3.937	**SES210-31**	

Note: If a machined face housing for end cap support is needed, please order with an N suffix.



Units	Shaft Dia.
Metric	12 - 50 mm
Standard	¾ - 1 15/16 in

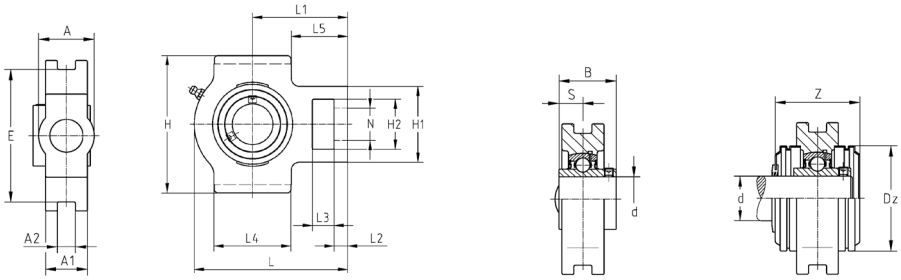
STAINLESS STEEL – TAKE UP UNITS, SET SCREW TYPE

Shaft Dia. d	Part Number	Nominal Dimensions										
		L	H	A	A1	A2	E	L1	L2	L3	L4	L5
12	SUCT201	94	89	32	21	12	76	61	10	16	51	35.5
15	SUCT202	94	89	32	21	12	76	61	10	16	51	35.5
17	SUCT203	94	89	32	21	12	76	61	10	16	51	35.5
20	SUCT204	94	89	32	21	12	76	61	10	16	51	35.5
¾	SUCT204-12	3 45/64	3 1/2	1 17/64	53/64	15/32	3	2 13/32	25/64	5/8	2	1 25/64
25	SUCT205	97	89	32	24	12	76	62	10	16	51	36.5
1	SUCT205-16	3 13/16	3 1/2	1 17/64	15/16	15/32	3	2 7/16	25/64	5/8	2	1 7/16
30	SUCT206	113	102	37	28	12	89	70	10	16	57	41.5
1 1/8	SUCT206-18											
1 3/16	SUCT206-19	4 29/64	4 1/64	1 29/64	1 3/32	15/32	3 1/2	2 3/4	25/64	5/8	2 1/4	1 41/64
1 1/4	SUCT206-20											
35	SUCT207	129	102	37	30	12	89	78	13	16	64	46
1 1/4	SUCT207-20											
1 3/8	SUCT207-22	5 5/64	4 1/64	1 29/64	1 3/16	15/32	3 1/2	3 1/16	1/2	5/8	2 33/64	1 13/16
1 7/16	SUCT207-23											
40	SUCT208	144	114	49	33	16	102	88	16	19	83	46.5
1 1/2	SUCT208-24	5 43/64	4 31/64	1 15/16	1 19/64	5/8	4 1/64	3 15/32	5/8	3/4	3 17/64	1 53/64
45	SUCT209	144	114	49	35	16	102	88	16	19	83	45.5
1 3/4	SUCT209-28	5 43/64	4 31/64	1 15/16	1 3/8	5/8	4 1/64	3 15/32	5/8	3/4	3 17/64	1 51/64
50	SUCT210	149	117	49	37	16	102	90	16	19	86	47
1 15/16	SUCT210-31	5 57/64	4 39/64	1 15/16	1 29/64	5/8	4 1/64	3 35/64	5/8	3/4	3 25/64	1 57/64

Note: If a machined face housing for end cap support is needed, please order with an N suffix.

STAINLESS STEEL – TAKE UP UNITS, SET SCREW TYPE (continued)

Nominal Dimensions							Insert Number	Housing Number	Part Number
N	H1	H2	B	s	Z(max)	Dz			
19	51	32	31	12.7	45.6	54	SUC201	ST204	SUCT201
19	51	32	31	12.7	45.6	54	SUC202	ST204	SUCT202
19	51	32	31	12.7	45.6	54	SUC203	ST204	SUCT203
19	51	32	31	12.7	45.6	54	SUC204	ST204	SUCT204
3/4	2	1 1/4	1.219	0.500	1.795	2.126	SUC204-12		SUCT204-12
19	51	32	34.1	14.3	47.8	60	SUC205	ST205	SUCT205
3/4	2	1 1/4	1.344	0.563	1.882	2.362	SUC205-16		SUCT205-16
22	56	37	38.1	15.9	52.8	70	SUC206	ST206	SUCT206
55/64	2 13/64	1 29/64	1.500	0.626	2.079	2.756	SUC206-18 SUC206-19 SUC206-20		SUCT206-18 SUCT206-19 SUCT206-20
22	64	37	42.9	17.5	57.4	80	SUC207	ST207	SUCT207
55/64	2 33/64	1 29/64	1.688	0.689	2.260	3.150	SUC207-20 SUC207-22 SUC207-23		SUCT207-20 SUCT207-22 SUCT207-23
29	83	49	49.2	19	66.8	88	SUC208	ST208	SUCT208
1 9/64	3 17/64	1 15/16	1.938	0.748	2.630	3.465	SUC208-24		SUCT208-24
29	83	49	49.2	19	67.8	95	SUC209	ST209	SUCT209
1 9/64	3 17/64	1 15/16	1.938	0.748	2.669	3.740	SUC209-28		SUCT209-28
29	83	49	51.6	19	75.6	100	SUC210	ST210	SUCT210
1 9/64	3 17/64	1 15/16	2.031	0.748	2.976	3.937	SUC210-31		SUCT210-31



Units	Shaft Dia.
Metric	12 - 50 mm
Standard	¾ - 1 15/16 in

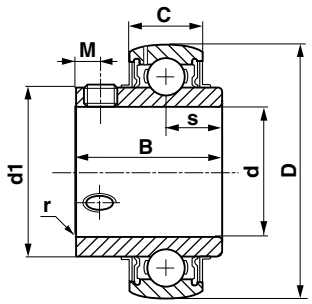
STAINLESS STEEL – TAKE UP UNITS, ECCENTRIC LOCK

Shaft Dia. d	Part Number	Nominal Dimensions										
		L	H	A	A1	A2	E	L1	L2	L3	L4	L5
12	SEST201	94	89	32	21	12	76	61	10	16	51	35.5
15	SEST202	94	89	32	21	12	76	61	10	16	51	35.5
17	SEST203	94	89	32	21	12	76	61	10	16	51	35.5
20	SEST204	94	89	32	21	12	76	61	10	16	51	35.5
¾	SEST204-12	3 45/64	3 1/2	1 17/64	53/64	15/32	3	2 13/32	25/64	5/8	2	1 25/64
25	SEST205	97	89	32	24	12	76	62	10	16	51	36.5
1	SEST205-16	3 13/16	3 1/2	1 17/64	15/16	15/32	3	2 7/16	25/64	5/8	2	1 7/16
30	SEST206	113	102	37	28	12	89	70	10	16	57	41.5
1 1/8	SEST206-18											
1 3/16	SEST206-19	4 29/64	4 1/64	1 29/64	1 3/32	15/32	3 1/2	2 3/4	25/64	5/8	2 1/4	1 41/64
1 1/4	SEST206-20											
35	SEST207	129	102	37	30	12	89	78	13	16	64	46
1 1/4	SEST207-20											
1 3/8	SEST207-22	5 5/64	4 1/64	1 29/64	1 3/16	15/32	3 1/2	3 1/16	1/2	5/8	2 33/64	1 13/16
1 7/16	SEST207-23											
40	SEST208	144	114	49	33	16	102	88	16	19	83	46.5
1 1/2	SEST208-24	5 43/64	4 31/64	1 15/16	1 19/64	5/8	4 1/64	3 15/32	5/8	3/4	3 17/64	1 53/64
45	SEST209	144	114	49	35	16	102	88	16	19	83	45.5
1 3/4	SEST209-28	5 43/64	4 31/64	1 15/16	1 3/8	5/8	4 1/64	3 15/32	5/8	3/4	3 17/64	1 51/64
50	SEST210	149	117	49	37	16	102	90	16	19	86	47
1 15/16	SEST210-31	5 57/64	4 39/64	1 15/16	1 29/64	5/8	4 1/64	3 35/64	5/8	3/4	3 25/64	1 57/64

Note: If a machined face housing for end cap support is needed, please order with an N suffix.

STAINLESS STEEL – TAKE UP UNITS, ECCENTRIC LOCK (continued)

Nominal Dimensions							Insert Number	Housing Number	Part Number
N	H1	H2	B	s	Z(max)	Dz			
19	51	32	28.6	6	45.6	54	**SES201**	ST204	**SEST201**
19	51	32	28.6	6	45.6	54	**SES202**	ST204	**SEST202**
19	51	32	28.6	6	45.6	54	**SES203**	ST204	**SEST203**
19	51	32	31	7	45.6	54	**SES204**	ST204	**SEST204**
¾	2	1¼	1.220	0.276	1.795	2.126	**SES204-12**		**SEST204-12**
19	51	32	31	7.5	47.8	60	**SES205**	ST205	**SEST205**
¾	2	1¼	1.220	0.295	1.882	2.362	**SES205-16**		**SEST205-16**
22	56	37	35.7	8	52.8	70	**SES206**	ST206	**SEST206**
							SES206-18		**SEST206-18**
55/64	2 13/64	1 29/64	1.406	0.315	2.079	2.756	**SES206-19**		**SEST206-19**
							SES206-20		**SEST206-20**
22	64	37	38.9	8.5	57.4	80	**SES207**	ST207	**SEST207**
							SES207-20		**SEST207-20**
55/64	2 33/64	1 29/64	1.531	0.335	2.260	3.150	**SES207-22**		**SEST207-22**
							SES207-23		**SEST207-23**
29	83	49	43.7	9	66.8	88	**SES208**	ST208	**SEST208**
1 9/64	3 17/64	1 15/16	1.720	0.354	2.630	3.465	**SES208-24**		**SEST208-24**
29	83	49	43.7	9.5	67.8	95	**SES209**	ST209	**SEST209**
1 9/64	3 17/64	1 15/16	1.720	0.374	2.669	3.740	**SES209-28**		**SEST209-28**
29	83	49	43.7	10	75.6	100	**SES210**	ST210	**SEST210**
1 9/64	3 17/64	1 15/16	1.720	0.394	2.976	3.937	**SES210-31**		**SEST210-31**



Units	Shaft Dia.	Load Rating
Metric	20 - 40 mm	Newton
Standard	⅝ - 1½ in	Lbs

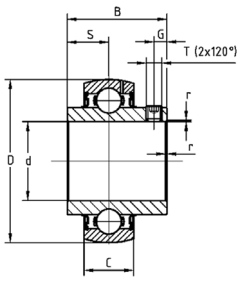
THERMOPLASTIC SERIES – SET SCREW, STAINLESS STEEL INSERT

Shaft Dia. d	Part Number	Nominal Dimensions							Basic Load Rating		Limiting Speed (rpm)
		D	C	B	s	d1	M	r	Dynamic Cr	Static Cor	
20	MUC204	47	17	31.0	12.7	29	4.5	1	10,900	5,300	7,400
⅝	MUC204-10	1.850	0.669	1.220	0.500	1.142	0.177	0.039	2,450	1,190	
¾	MUC204-12										
25	MUC205	52	17	34.1	14.3	34	5	1.5	11,900	6,300	6,200
1	MUC205-16	2.047	0.669	1.339	0.563	1.339	0.197	0.059	2,680	1,420	
30	MUC206	62	19	38.1	15.9	40.5	5	1.5	16,700	9,000	5,300
1⅛	MUC206-18										
1³⁄₁₆	MUC206-19	2.441	0.748	1.500	0.626	1.594	0.197	0.059	3,750	2,030	
1¼	MUC206-20										
35	MUC207	72	20	42.9	17.5	48	6	2	22,000	12,300	4,500
1¼	MUC207-20										
1⅜	MUC207-22	2.835	0.787	1.689	0.689	1.890	0.236	0.079	4,950	2,770	
1⁷⁄₁₆	MUC207-23										
40	MUC208	80	21	42.9	19.0	53	6	2	24,900	14,300	4,000
1½	MUC208-24	3.150	0.827	1.689	0.748	2.087	0.236	0.079	5,600	3,210	

THERMOPLASTIC SERIES – SET SCREW, ZINC CHROMATE INSERT

Shaft Dia. d	Part Number	Nominal Dimensions							Basic Load Rating		Limiting Speed (rpm)
		D	C	B	s	d1	M	r	Dynamic Cr	Static Cor	
20	ZUC204	47	17	31.0	12.7	29	4.5	1	10,900	5,300	7,400
¾	ZUC204-12	1.850	0.669	1.220	0.500	1.142	0.177	0.039	2,450	1,190	
25	ZUC205	52	17	34.1	14.3	34	5	1.5	11,900	6,300	6,200
1	ZUC205-16	2.047	0.669	1.339	0.563	1.339	0.197	0.059	2,680	1,420	
30	ZUC206	62	19	38.1	15.9	40.5	5	1.5	16,700	9,000	5,300
1³⁄₁₆	ZUC206-19	2.441	0.748	1.500	0.626	1.594	0.197	0.059	3,750	2,030	
1¼	ZUC206-20										
35	ZUC207	72	20	42.9	17.5	48	6	2	22,000	12,300	4,500
1¼	ZUC207-20										
1⅜	ZUC207-22	2.835	0.787	1.689	0.689	1.890	0.236	0.079	4,950	2,770	
1⁷⁄₁₆	ZUC207-23										
40	ZUC208	80	21	42.9	19.0	53	6	2	24,900	14,300	4,000
1½	ZUC208-24	3.150	0.827	1.689	0.748	2.087	0.236	0.079	5,600	3,210	

Units	Shaft Dia.	Load Rating
Metric	12 - 60 mm	Newton
Standard	¾ - 2 7/16 in	Lbs

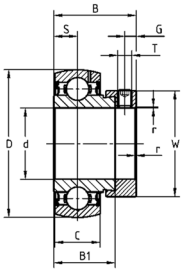


STAINLESS STEEL SERIES – SET SCREW, STAINLESS STEEL INSERT

Shaft Dia. d	Part Number	Nominal Dimensions							Basic Load Rating		Limiting Speed (rpm)
		D	C	B	s	G	r(min)	T	Dynamic Cr	Static Cor	
12	SUC201	47	17	31.0	12.7	5	0.5	M6x1	10,000	6,800	7,400
15	SUC202	47	17	31.0	12.7	5	0.5	M6x1	10,000	6,800	7,400
17	SUC203	47	17	31.0	12.7	5	0.5	M6x1	10,000	6,800	7,400
20	SUC204	47	17	31.0	12.7	5	0.5	M6x1	10,000	6,800	7,400
¾	SUC204-12	1.850	0.669	1.220	0.500	0.197	0.020		2,270	1,530	
25	SUC205	52	17	34.1	14.3	5	0.5	M6x1	11,000	8,000	6,200
1	SUC205-16	2.047	0.669	1.343	0.563	0.197	0.020		2,475	1,800	
30	SUC206	62	19	38.1	15.9	5	0.5	M6x1	15,300	11,500	5,300
1 3/16	SUC206-19	2.441	0.748	1.500	0.626	0.197	0.020		3,440	2,585	
1¼	SUC206-20										
35	SUC207	72	20	42.9	17.5	6	1	M8x1	20,100	15,600	4,500
1¼	SUC207-20										
1⅜	SUC207-22	2.835	0.787	1.689	0.689	0.236	0.039		4,520	3,505	
1 7/16	SUC207-23										
40	SUC208	80	21	49.2	19	8	1	M8x1	22,800	18,200	4,000
1½	SUC208-24	3.150	0.827	1.937	0.748	0.315	0.039		5,125	4,090	
45	SUC209	85	22	49.2	19	10	1	M10x1.25	25,700	20,800	3,200
1¾	SUC209-28	3.346	0.866	1.937	0.748	0.394	0.039		5,780	4,675	
50	SUC210	90	24	51.6	19	10	1	M10x1.25	27,500	23,700	3,000
1 15/16	SUC210-31	3.543	0.945	2.031	0.748	0.394	0.039		6,185	5,330	
55	SUC211	100	25	55.6	22.2	10	1	M10x1.25	34,000	25,500	2,400
2	SUC211-32	3.937	0.984	2.189	0.874	0.394	0.039		7,645	5,735	
2 3/16	SUC211-35										
60	SUC212	110	27	65.1	25.4	10	1	M10x1.25	41,000	31,500	1,900
2 7/16	SUC212-39	4.331	1.063	2.563	1.000	0.394	0.039		9,220	7,080	

STAINLESS STEEL SERIES – SET SCREW, FOOD GRADE SOLID LUBE

Shaft Dia. d	Part Number	Nominal Dimensions							Basic Load Rating		Limiting Speed (rpm)
		D	C	B	s	G	r(min)	T	Dynamic Cr	Static Cor	
¾	SUC204-12FG1	1.850	0.669	1.220	0.500	0.197	0.020	M6x1	10,000	6,800	6,000
									2,270	1,530	
1	SUC205-16FG1	2.047	0.669	1.343	0.563	0.197	0.020	M6x1	11,000	8,000	5,600
									2,475	1,800	
1 3/16	SUC206-19FG1	2.441	0.748	1.500	0.626	0.197	0.020	M6x1	15,300	11,500	4,500
									3,440	2,585	
1¼	SUC207-20FG1	2.835	0.787	1.689	0.689	0.236	0.039	M8x1	20,100	15,600	4,000
1 7/16	SUC207-23FG1								4,520	3,505	
1½	SUC208-24FG1	3.150	0.827	1.937	0.748	0.315	0.039	M8x1	22,800	18,200	3,600
									5,125	4,090	



Units	Shaft Dia.	Load Rating
Metric	12 - 60 mm	Newton
Standard	¾ - 2 7/16 in	Lbs

STAINLESS STEEL SERIES – ECCENTRIC LOCK, STAINLESS STEEL INSERT

Shaft Dia. d	Part Number	Nominal Dimensions									Basic Load Rating		Limiting Speed (rpm)
		D	C	B	s	G	r(min)	B1	W	T	Dynamic Cr	Static Cor	
12	SES201	47	12	28.6	6	5	0.5	19.1	28.6	M6x1	7,800	4,500	7,400
15	SES202	47	12	28.6	6	5	0.5	19.1	28.6	M6x1	7,800	4,500	7,400
17	SES203	47	12	28.6	6	5	0.5	19.1	28.6	M6x1	7,800	4,500	7,400
20	SES204	47	14	31.0	7	5	0.5	21.5	33.3	M6x1	10,000	6,800	7,400
¾	SES204-12	1.850	0.551	1.220	0.276	0.197	0.020	0.846	1.311		2,270	1,530	
25	SES205	52	15	31	7.5	5	0.5	21.5	38.1	M6x1	11,000	8,000	6,200
1	SES205-16	2.047	0.591	1.220	0.295	0.197	0.020	0.846	1.500		2,475	1,800	
30	SES206	62	16	35.7	8	6	0.5	23.8	44.5	M6x1	15,300	11,500	5,300
1 3/16	SES206-19	2.441	0.630	1.406	0.315	0.236	0.020	0.937	1.752		3,440	2,585	
1¼	SES206-20												
35	SES207	72	17	38.9	8.5	6.5	1	25.4	55.6	M8x1	20,100	15,600	4,500
1⅜	SES207-22	2.835	0.669	1.531	0.335	0.256	0.039	1.000	2.189		4,520	3,505	
1 1/16	SES207-23												
40	SES208	80	18	43.7	9	6.5	1	30.2	60.3	M8x1	22,800	18,200	4,000
1½	SES208-24	3.150	0.709	1.720	0.354	0.256	0.039	1.189	2.374		5,125	4,090	
45	SES209	85	19	43.7	9.5	6.5	1	30.2	63.5	M8x1	25,700	20,800	3,200
1¾	SES209-28	3.346	0.748	1.720	0.374	0.256	0.039	1.189	2.500		5,780	4,675	
50	SES210	90	20	43.7	10	6.5	1	30.2	69.9	M8x1	27,500	23,700	3,000
1 15/16	SES210-31	3.543	0.787	1.720	0.394	0.256	0.039	1.189	2.752		6,185	5,330	
55	SES211	100	21	48.4	10.5	8	1	32.5	76.2	M10x1.25	34,000	25,500	2,400
2	SES211-32	3.937	0.827	1.906	0.413	0.315	0.039	1.280	3.000		7,645	5,735	
2 3/16	SES211-35												
60	SES212	110	22	53.1	11	8	1	37.1	84.2	M10x1.25	41,000	31,500	1,900
2 7/16	SES212-39	4.331	0.866	2.091	0.433	0.315	0.039	1.461	3.315		9,220	7,080	

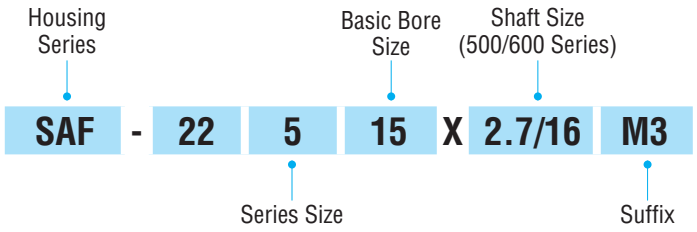
Key Markets Served:
Paper and Pulp, Lumber and Forestry, Refinery, HVAC, Mining, Construction and Material Handling

Table of Contents

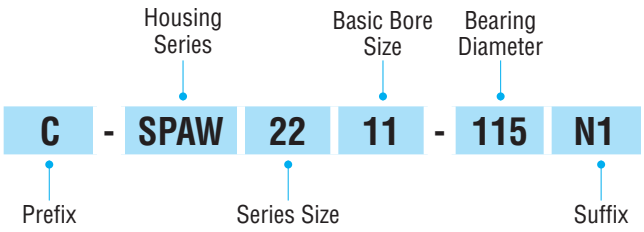
SPW Pillow Blocks 224-225
SPAW/FSPAW Pillow Blocks ... 226-227
SFCW Flange Units 228-229
SAF Pillow Blocks 230-233
SAFS Pillow Blocks 234-235
SN Plummer Blocks 236-241
MX-W Sealed SRB Inserts 242
Standard SRB Inserts 243-246

HEAVY DUTY BEARING UNIT – NUMBERING SYSTEM

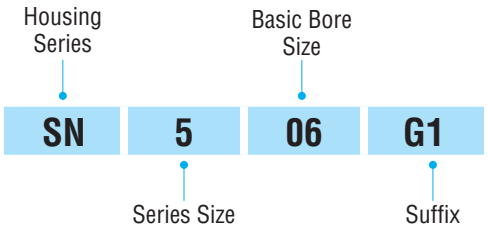
Split Block Series (SAF)



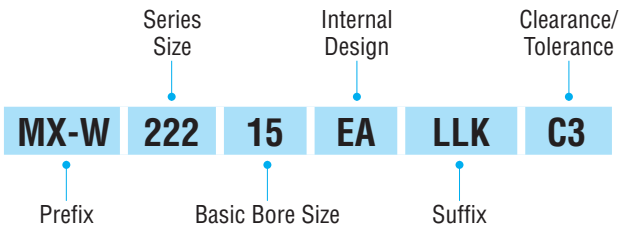
Sealed Spherical Unit Series (SPW/SPAW/SFCW)



Split Block Series (SN Metric)



Spherical Roller Bearing Insert Nomenclature



PREFIX

C:	Taconite service seal
CM:	Taconite service seal + end cover
MX:	Phosphate coated spherical rolle bearing insert
W:	Sealed spherical roller bearing design

HOUSING SERIES

SPW:	Sealed spherical pillow block, metric with inch shaft dimension
SPAW:	Sealed spherical pillow block, inch
FSPAW:	Sealed spherical pillow block, four-bolt option
SFCW:	Sealed spherical flanged block, metric
SAF:	Split pillow block, cast iron housing, inch
SAFS:	Split pillow block, cast steel housing, inch
FSAF:	Split pillow block, cast iron housing, inch, four-bolt option
SN:	Split pillow block, cast iron housing, metric

INTERNAL DESIGN (SPHERICAL ROLLER BEARING)

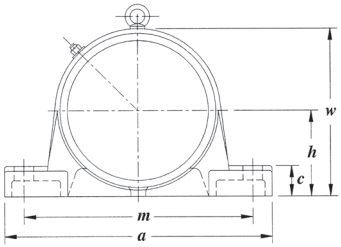
E:	Symmetric spherical rollers, increased capacity
A:	Pressed steel cage
M:	Machined brass cage

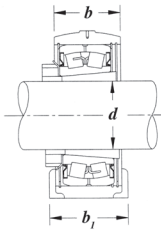
SUFFIX

N1:	Ductile cast iron housing
F:	Solid base
G, G1, G2:	Stabilizing ring included
M3:	End plug included
Z:	Seals included
W33:	Relubrication holes/groove (formerly referred to as D1)
K:	1:12 tapered bore
K30:	1:30 tapered bore
LL:	Integrated seals with steel backplates

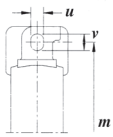
CLEARANCE/TOLERANCE (SPHERICAL ROLLER BEARING)

None:	Normal clearance or tolerance
C1:	Radial clearance less than C2
C2:	Radial clearance less than normal
C3:	Radial clearance greater than normal
C4:	Radial clearance greater than C3
C5:	Radial clearance greater than C4
CS(xx):	Special radial clearance (micron)
PX(n):	Special tolerance, from 1 onward

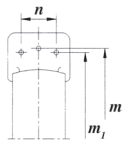




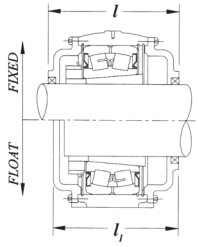
SPW22...



2 Bolt Base



Solid Base



C(M)-SPW22...

Units	Shaft Dia.
Metric	50 - 140 mm
Standard	1 15/16 - 5 1/2 in

SEALED SPHERICAL PILLOW BLOCKS – METRIC SERIES

Shaft Dia. d	Part Number	Nominal Dimensions												
		h	a	b	b_1	c	m	m_1	n	w	l	l_1	u	v
50	SPW2211N1	70	255	62	70	28	210	200	40	136	120	114	18	23
1 15/16	SPW2211-115N1													
2	SPW2211-200N1													
60	SPW2213N1	80	275	70	80	30	230	220	48	157	138	126	18	23
2 3/16	SPW2213-203N1													
2 1/4	SPW2213-204N1													
2 3/8	SPW2213-206N1													
65	SPW2215N1	80	280	72	80	30	230	220	48	163	132	123	18	23
2 7/16	SPW2215-207N1													
2 1/2	SPW2215-208N1													
75	SPW2217N1	95	320	80	90	32	260	252	52	192	156	146	22	27
2 15/16	SPW2217-215N1													
3	SPW2217-300N1													
90	SPW2220N1	112	380	95	110	40	320	300	66	226	185	175	26	32
3 7/16	SPW2220-307N1													
3 1/2	SPW2220-308N1													
100	SPW2222N1	125	410	100	120	45	350	320	74	252	198	185	26	32
3 15/16	SPW2222-315N1													
4	SPW2222-400N1													
110	SPW2224N1	140	410	105	120	45	350	330	74	274	203	190	26	32
4 3/16	SPW2224-403N1													
4 1/4	SPW2224-404N1													
115	SPW2226N1	150	445	115	130	50	380	370	80	293	219	206	28	36
4 7/16	SPW2226-407N1													
4 1/2	SPW2226-408N1													
125	SPW2228N1	150	500	120	150	50	420	400	80	305	232	219	33	42
4 15/16	SPW2228-415N1													
5	SPW2228-500N1													
140	SPW2232N1	170	550	135	160	60	470	450	90	340	260	247	33	42
5 7/16	SPW2232-507N1													
5 1/2	SPW2232-508N1													

How to Order

Example: When you order one SPW2220N1, you will receive an assembly consisting of one SP220N1 Pillow Block Housing, one MX-W22220EALLKW33C3 Bearing, and one H2320XM1 Adapter.

To order a solid base housing, add suffix F to the part number (example: SPW2220FN1).

When C-SPW2220N1 or CM-SPW2220N1 are specified, external covers will be supplied with the unit.

Example: "C" prefix – 2 taconite service seals

"CM" prefix – 1 taconite service seal, 1 end cover

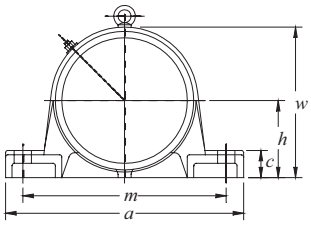
Notes: – Taconite service seals for which dimensions are shown are standard. For dimensions and availability of non-standard taconite service seals, consult NTN Engineering.
– All units are supplied in float arrangement and may be converted to fixed by relocation of a snap ring.
– All bearing inserts are supplied prelubricated with Shell Alvania™ 3 grease.
– Solid base housings may be drilled for 2 or 4 bolt arrangement.

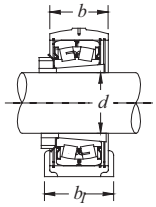
Grease fittings are provided with all units.

An eye bolt is provided on housings SP228N1 and SP232N1.

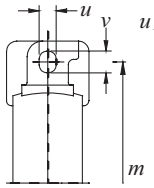
SEALED SPHERICAL PILLOW BLOCKS – METRIC SERIES (continued)

Set Bolts		Insert Number	Housing Number	Adapter	Part Number
2 req'd	4 req'd				
M16	M12	**MX-W22211EALLKW33C3**	SP211N1	H2311XM1 HA2311M1 HE2311XYM1	**SPW2211N1** **SPW2211-115N1** **SPW2211-200N1**
M16	M12	**MX-W22213EALLKW33C3**	SP213N1	H2313XM1 HA2313M1 HE2313XM1 HS2313XM1	**SPW2213N1** **SPW2213-203N1** **SPW2213-204N1** **SPW2213-206N1**
M16	M12	**MX-W22215EALLKW33C3**	SP215N1	H2315XM1 HA2315M1 HE2315XM1	**SPW2215N1** **SPW2215-207N1** **SPW2215-208N1**
M20	M16	**MX-W22217EALLKW33C3**	SP217N1	H2317XM1 HA2317XM1 HE2317XM1	**SPW2217N1** **SPW2217-215N1** **SPW2217-300N1**
M24	M16	**MX-W22220EALLKW33C3**	SP220N1	H2320XM1 HA2320M1 HE2320XM1	**SPW2220N1** **SPW2220-307N1** **SPW2220-308N1**
M24	M16	**MX-W22222EALLKW33C3**	SP222N1	H2322XM1 HA2322M1 HE2322XM1	**SPW2222N1** **SPW2222-315N1** **SPW2222-400N1**
M24	M16	**MX-W22224EALLKW33C3**	SP224N1	H2324XM1 HA2324M1 HE2324M1	**SPW2224N1** **SPW2224-403N1** **SPW2224-404N1**
M24	M20	**MX-W22226EALLKW33C3**	SP226N1	H2326M1 HA2326M1 HE2326M1	**SPW2226N1** **SPW2226-407N1** **SPW2226-408N1**
M30	M24	**MX-W22228EALLKW33C3**	SP228N1	H2328M1 HA2328M1 HE2328M1	**SPW2228N1** **SPW2228-415N1** **SPW2228-500N1**
M30	M24	**MX-W22232EALLKW33C3**	SP232N1	H2332M1 HA2332M1 HE2332M1	**SPW2232N1** **SPW2232-507N1** **SPW2232-508N1**

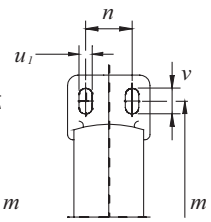




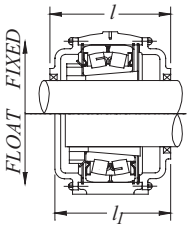
SPAW22...



2 Bolt Base



4 Bolt Base



C(M)-SPAW22...

Units	Shaft Dia.
Metric	50 - 140 mm
Standard	1 15/16 - 5 1/2 in

SEALED SPHERICAL PILLOW BLOCKS – INCH SERIES

Shaft Dia. d	Part Number	Nominal Dimensions												
		h	a	b	b_1	c	m	n	w	l	l_1	u	u_1	v
50	SPAW2211N1													
1 15/16	SPAW2211-115N1	2 3/4	9.606	2.441	2.756	1.102	7 5/8	–	5.354	4.724	4.488	0.709	–	7/8
2	SPAW2211-200N1													
60	SPAW2213N1											0.709	–	
	FSPAW2213N1											–	0.591	
2 3/16	SPAW2213-203N1											0.709	–	
	FSPAW2213-203N1											–	0.591	
2 1/4	SPAW2213-204N1	3	10.827	2.756	3.110	1.024	8 13/16	2	6.024	5.433	4.961	0.709	–	1 5/16
	FSPAW2213-204N1											–	0.591	
2 3/8	SPAW2213-206N1											0.709	–	
	FSPAW2213-206N1											–	0.591	
65	SPAW2215N1											0.709	–	
	FSPAW2215N											–	0.591	
2 7/16	SPAW2215-207N1											0.709	–	
	FSPAW2215-207N1	3 1/4	11.024	2.835	3.110	1.299	9 1/8	1 7/8	6.535	5.197	4.843	–	0.591	1 1/8
2 1/2	SPAW2215-208N1											0.709	–	
	FSPAW2215-208N1											–	0.591	
75	SPAW2217N1											0.866	–	
	FSPAW2217N1											–	0.709	
2 15/16	SPAW2217-215N1											0.866	–	
	FSPAW2217-215N1	3 3/4	12.598	3.150	3.504	1.260	10 7/16	2 1/8	7.559	6.142	5.748	–	0.709	1 5/16
3	SPAW2217-300N1											0.866	–	
	FSPAW2217-300N1											–	0.709	
90	SPAW2220N1											1.024	–	
	FSPAW2220N1											–	0.866	
3 7/16	SPAW2220-307N1											1.024	–	
	FSPAW2220-307N1	4 1/2	14.961	3.740	4.331	1.654	12 3/8	2 3/8	8.976	7.283	6.890	–	0.866	1 5/8
3 1/2	SPAW2220-308N1											1.024	–	
	FSPAW2220-308N1											–	0.866	
100	SPAW2222N1													
3 15/16	SPAW2222-315N1	4 15/16	16.496	3.937	4.764	1.772	13 9/16	2 3/4	10.315	7.795	7.283	–	0.866	1 11/16
4	SPAW2222-400N1													
110	SPAW2224N1													
4 3/16	SPAW2224-403N1	5 1/4	16.496	4.134	4.764	1.496	13 7/8	2 3/4	10.512	7.992	7.480	–	0.866	1 3/8
4 1/4	SPAW2224-404N1													
115	SPAW2226N1													
4 7/16	SPAW2226-407N1	6	18.386	4.528	5.118	2.047	15 5/16	3 1/4	11.614	8.622	8.110	–	0.945	1 9/16
4 1/2	SPAW2226-408N1													
125	SPAW2228N1													
4 15/16	SPAW2228-415N1	6	20.118	4.724	5.866	2.047	16 9/16	3 3/8	12.087	9.134	8.622	–	1.024	1 9/16
5	SPAW2228-500N1													
140	SPAW2232N1													
5 7/16	SPAW2232-507N1	6 11/16	22.008	5.315	6.260	2.362	18 5/16	3 3/4	13.386	10.236	9.724	–	1.024	1 15/16
5 1/2	SPAW2232-508N1													

How to Order

Example: When you order one SPAW2220-307N1, you will receive an assembly consisting of one SPA220N1 Pillow Block Housing, one MX-W22220EALLKW33C3 Bearing, and one HA2320M1 Adapter.

When C-SPAW2220N1 or CM-SPAW2220N1 are specified, external covers will be supplied with the unit.

Example: "C" prefix – 2 taconite service seals

"CM" prefix – 1 taconite service seal, 1 end cover

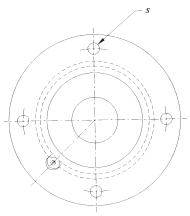
Notes: – Taconite service seals for which dimensions are shown are standard. For dimensions and availability of non-standard taconite service seals, consult NTN Engineering.
– All units are supplied in float arrangement and may be converted to fixed by relocation of a snap ring.
– All bearing inserts are supplied prelubricated with Shell Alvania™ 3 grease.

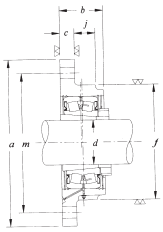
Grease fittings are provided with all units.

An eye bolt is provided on housings SPA228N1 and SPA232N1.

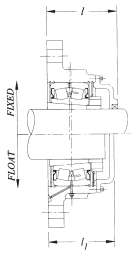
SEALED SPHERICAL PILLOW BLOCKS – INCH SERIES (continued)

Set Bolts		Insert Number	Housing Number	Adapter	Part Number
2 req'd	4 req'd				
				H2311XM1	SPAW2211N1
5/8	2	MX-W22211EALLKW33C3	SPA211N1	HA2311M1	SPAW2211-115N1
				HE2311XYM1	SPAW2211-200N1
5/8	2		SPA213N1	H2313XM1	SPAW2213N1
1/2	4		FSPA213N1	H2313XM1	FSPAW2213N1
5/8	2		SPA213N1	HA2313M1	SPAW2213-203N1
1/2	4	MX-W22213EALLKW33C3	FSPA213N1	HA2313M1	FSPAW2213-203N1
5/8	2		SPA213N1	HE2313XM1	SPAW2213-204N1
1/2	4		FSPA213N1	HE2313XM1	FSPAW2213-204N1
5/8	2		SPA213N1	HS2313XM1	SPAW2213-206N1
1/2	4		FSPA213N1	HS2313XM1	FSPAW2213-206N1
5/8	2		SPA215N1	H2315XM1	SPAW2215N1
1/2	4		FSPA215N1	H2315XM1	FSPAW2215N
5/8	2	MX-W22215EALLKW33C3	SPA215N1	HA2315M1	SPAW2215-207N1
1/2	4		FSPA215N1	HA2315M1	FSPAW2215-207N1
5/8	2		SPA215N1	HE2315XM1	SPAW2215-208N1
1/2	4		FSPA215N1	HE2315XM1	FSPAW2215-208N1
3/4	2		SPA217N1	H2317XM1	SPAW2217N1
5/8	4		FSPA217N1	H2317XM1	FSPAW2217N1
3/4	2	MX-W22217EALLKW33C3	SPA217N1	HA2317XM1	SPAW2217-215N1
5/8	4		FSPA217N1	HA2317XM1	FSPAW2217-215N1
3/4	2		SPA217N1	HE2317XM1	SPAW2217-300N1
5/8	4		FSPA217N1	HE2317XM1	FSPAW2217-300N1
7/8	2		SPA220N1	H2320XM1	SPAW2220N1
3/4	4		FSPA220N1	H2320XM1	FSPAW2220N1
7/8	2	MX-W22220EALLKW33C3	SPA220N1	HA2320M1	SPAW2220-307N1
3/4	4		FSPA220N1	HA2320M1	FSPAW2220-307N1
7/8	2		SPA220N1	HE2320XM1	SPAW2220-308N1
3/4	4		FSPA220N1	HE2320XM1	FSPAW2220-308N1
				H2322XM1	SPAW2222N1
3/4	4	MX-W22222EALLKW33C3	SPA222N1	HA2322XM1	SPAW2222-315N1
				HE2322XM1	SPAW2222-400N1
				H2324XM1	SPAW2224N1
3/4	4	MX-W22224EALLKW33C3	SPA224N1	HA2324M1	SPAW2224-403N1
				HE2324M1	SPAW2224-404N1
				H2326M1	SPAW2226N1
7/8	4	MX-W22226EALLKW33C3	SPA226N1	HA2326M1	SPAW2226-407N1
				HE2326M1	SPAW2226-408N1
				H2328M1	SPAW2228N1
1	4	MX-W22228EALLKW33C3	SPA228N1	HA2328M1	SPAW2228-415N1
				HE2328M1	SPAW2228-500N1
				H2332M1	SPAW2232N1
1	4	MX-W22232EALLKW33C3	SPA232N1	HA2332M1	SPAW2232-507N1
				HE2332M1	SPAW2232-508N1





SFCW22...



C(M)-SFCW22...

Units	Shaft Dia.
Metric	50 - 140 mm
Standard	1 15/16 - 5 1/2 in

SEALED SPHERICAL FLANGE BLOCK SERIES

Shaft Dia. d	Part Number	Nominal Dimensions								
		a	b	c	m	f	j	l	l_1	s
50	SFCW2211N1	200	62	19	165	130	25	91	85	14
1 15/16	SFCW2211-115N1									
2	SFCW2211-200N1									
60	SFCW2213N1	240	70	24	190	155	25	104	92	14
2 3/16	SFCW2213-203N1									
2 1/4	SFCW2213-204N1									
2 3/8	SFCW2213-206N1									
65	SFCW2215N1	255	72	24	215	170	32	102	93	17
2 7/16	SFCW2215-207N1									
2 1/8	SFCW2215-208N1									
75	SFCW2217N1	270	80	27	240	190	32	118	108	17
2 15/16	SFCW2217-216N1									
3	SFCW2217-300N1									
90	SFCW2220N1	330	95	29	280	230	38	140	130	20
3 7/16	SFCW2220-307N1									
3 1/2	SFCW2220-308N1									
100	SFCW2222N1	365	100	32	310	255	42	149	136	20
3 15/16	SFCW2222-315N1									
4	SFCW2222-400N1									
110	SFCW2224N1	400	105	32	330	275	42	154	141	23
4 3/16	SFCW2224-403N1									
4 1/4	SFCW2224-404N1									
115	SFCW2226N1	416	115	32	355	290	42	167	154	23
4 7/16	SFCW2226-407N1									
4 1/2	SFCW2226-408N1									
125	SFCW2228N1	450	120	45	385	310	56	174	163	35
4 15/16	SFCW2228-415N1									
5	SFCW2228-500N1									
140	SFCW2232N1	520	135	45	435	360	65	195	185	35
5 7/16	SFCW2232-507N1									
5 1/2	SFCW2232-508N1									

How to Order

Example: When you order one SFCW2220N1, you will receive an assembly consisting of one SFC220N1 Flange Block Housing, one MX-W22220EALLKW33C3 Bearing, and one H2320XM1 Adapter.

When C-SFCW2220N1 or CM-SFCW2220N1 are specified, external covers will be supplied with the unit.

Example: "C" prefix – 1 taconite service seal (dimension I)

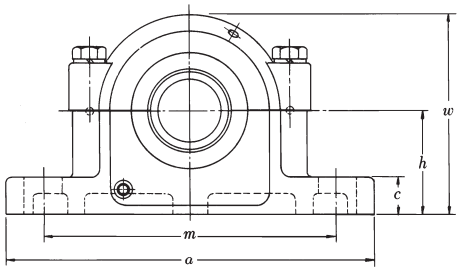
"CM" prefix – 1 end cover (dimension I1)

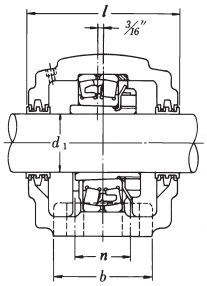
Notes: – Taconite service seals for which dimensions are shown are standard. For dimensions and availability of non-standard taconite service seals, consult NTN Engineering.
– All units are supplied in float arrangement and may be converted to fixed by relocation of a snap ring.
– All bearing inserts are supplied prelubricated with Shell Alvania™ 3 grease.

Grease fittings are provided with all units.

SEALED SPHERICAL FLANGE BLOCK SERIES (continued)

Insert Number	Housing Number	Adapter	Part Number
MX-W22211EALLKW33C3	SFC211N1	H2311XM1	SFCW2211N1
		HA2311M1	SFCW2211-115N1
		HE2311XYM1	SFCW2211-200N1
MX-W22213EALLKW33C3	SFC213N1	H2313XM1	SFCW2213N1
		HA2313M1	SFCW2213-203N1
		HE2313XM1	SFCW2213-204N1
		HS2313XM1	SFCW2213-206N1
MX-W22215EALLKW33C3	SFC215N1	H2315XM1	SFCW2215N1
		HA2315M1	SFCW2215-207N1
		HE2315XM1	SFCW2215-208N1
MX-W22217EALLKW33C3	SFC217N1	H2317XM1	SFCW2217N1
		HA2317XM1	SFCW2217-216N1
		HE2317XM1	SFCW2217-300N1
MX-W22220EALLKW33C3	SFC220N1	H2320XM1	SFCW2220N1
		HA2320M1	SFCW2220-307N1
		HE2320XM1	SFCW2220-308N1
MX-W22222EALLKW33C3	SFC222N1	H2322XM1	SFCW2222N1
		HA2322M1	SFCW2222-315N1
		HE2322XM1	SFCW2222-400N1
MX-W22224EALLKW33C3	SFC224N1	H2324XM1	SFCW2224N1
		HA2324M1	SFCW2224-403N1
		HE2324M1	SFCW2224-404N1
MX-W22226EALLKW33C3	SFC226N1	H2326M1	SFCW2226N1
		HA2326M1	SFCW2226-407N1
		HE2326M1	SFCW2226-408N1
MX-W22228EALLKW33C3	SFC228N1	H2328M1	SFCW2228N1
		HA2328M1	SFCW2228-415N1
		HE2328M1	SFCW2228-500N1
MX-W22232EALLKW33C3	SFC232N1	H2332M1	SFCW2232N1
		HA2332M1	SFCW2232-507N1
		HE2332M1	SFCW2232-508N1





Series	Shaft Dia.
SAF 500	1 1/16 - 7 15/16 in
SAF 600	1 1/16 - 6 15/16 in

SAF SPLIT BLOCK UNITS (500 ADAPTER MOUNT SERIES)

Shaft Dia. d_1	Part Number	Nominal Dimensions								
		h	a	b	c	m		n	w	l
						max.	min.			
1 1/16	SAF22509X1.7/16	2 1/4	8 1/4	2 3/8	13/16	7	6 1/4	–	4 3/8	3 5/8
1 11/16	SAF22510X1.11/16	2 1/2	8 1/4	2 3/8	15/16	7	6 1/2	–	4 3/4	3 5/8
1 15/16	SAF22511X1.15/16	2 3/4	9 5/8	2 3/4	15/16	7 7/8	7 3/8	–	5 1/4	3 7/8
2 3/16	SAF22513X2.3/16	3	11	3 1/8	1	9 1/2	8 1/8	–	5 15/16	4 1/2
2 7/16	SAF22515X2.7/16	3 1/4	11 1/4	3 1/8	1 1/8	9 5/8	8 5/8	–	6 3/8	4 3/4
2 11/16	SAF22516X2.11/16	3 1/2	13	3 1/2	1 3/16	11	9 5/8	–	6 7/8	4 7/8
2 15/16	SAF22517X2.15/16	3 3/4	13	3 1/2	1 1/4	11	9 7/8	–	7 5/16	5
3 3/16	SAF22518X3.3/16	4	13 3/4	3 7/8	1 5/16	11 5/8	10 3/8	–	7 3/4	5 3/4
3 7/16	SAF22520X3.7/16	4 1/2	15 1/4	4 3/8	1 3/4	13 1/8	11 5/8	–	8 3/4	6
3 15/16	SAF22522X3.15/16	4 15/16	16 1/2	4 3/4	2	14 1/2	12 5/8	2 3/4	9 5/8	6 1/2
4 3/16	SAF22524X4.3/16	5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	7 3/8
4 7/16	SAF22526X4.7/16	6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 1/2	8
4 15/16	SAF22528X4.15/16	6	20 1/8	5 7/8	2 3/8	17 7/8	16	3 3/8	11 3/4	7 5/8
5 3/16	SAF22530X5.3/16	6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	8 3/8
5 7/16	SAF22532X5.7/16	6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	8 3/4
5 15/16	SAF22534X5.15/16	7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 1/5	9 5/8
6 7/16	SAF22536X6.7/16	7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	10
6 15/16	SAF22538X6.15/16	7 7/8	28	7 1/2	3 1/8	24 5/8	21 5/8	4 1/2	15 11/16	10 3/4
7 3/16	SAF22540X7.3/16	8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	11 1/4
7 15/16	SAF22544X7.15/16	9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 5/8	12

Note: Contact NTN Engineering for FSAF availability.

SAF SPLIT BLOCK UNITS (600 ADAPTER MOUNT SERIES)

Shaft Dia. d_1	Part Number	Nominal Dimensions								
		h	a	b	c	m		n	w	l
						max.	min.			
1 1/16	SAF22609X1.7/16	2 3/4	9 5/8	2 3/4	1	7 7/8	7 3/8	–	5 5/16	4 1/4
1 11/16	SAF22610X1.11/16	3	10 5/8	2 3/4	1 1/8	9	7 3/4	–	5 13/16	4 5/8
1 15/16	SAF22611X1.15/16	3 1/4	11	3 1/8	1 3/16	9 1/2	8 1/8	–	6 3/16	4 7/8
2 3/16	SAF22613X2.3/16	3 1/2	13	3 1/2	1 1/4	11	9 5/8	–	6 15/16	5 3/8
2 7/16	SAF22615X2.7/16	4	13 3/4	3 7/8	1 5/16	11 5/8	10 3/8	–	7 13/16	6 1/4
2 11/16	SAF22616X2.11/16	4 1/4	14 1/4	3 7/8	1 5/16	12 5/8	10 5/8	–	8 1/4	6 1/2
2 15/16	SAF22617X2.15/16	4 1/2	15 1/4	4 3/8	1 3/4	13 1/8	11 5/8	–	8 3/4	6 3/4
3 3/16	SAF22618X3.3/16	4 3/4	15 1/2	4 3/8	2	13 1/2	12	2 1/4	9 3/16	6 7/8
3 7/16	SAF22620X3.7/16	5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	7 3/8
3 15/16	SAF22622X3.15/16	6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 1/2	8
4 3/16	SAF22624X4.3/16	6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	8 3/8
4 7/16	SAF22626X4.7/16	6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	8 3/4
4 15/16	SAF22628X4.15/16	7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	9 3/8
5 3/16	SAF22630X5.3/16	7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	9 3/4
5 7/16	SAF22632X5.7/16	7 7/8	28	7 1/2	3 1/8	24 5/8	21 5/8	4 1/2	15 11/16	10 5/8
5 15/16	SAF22634X5.15/16	8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	11 1/4
6 7/16	SAF22636X6.7/16	8 7/8	31 1/4	8 1/4	3 1/2	26 5/8	24	5 1/4	17 3/4	11 3/8
6 15/16	SAF22638X6.15/16	9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 5/8	12

Note: Contact NTN Engineering for FSAF availability.

How to Order

Example: When you order one SAF22520X3.7/16, you will receive a package containing one SAF520 Pillow Block Housing, one No. 22220EAKW33 Bearing and one SNW20 Adapter. All units are supplied with two Triple Seal Rings and a Stabilizing Ring. If you specify SAF22520M3, the required end cover will be included. Always specify shaft size. The same example applies when you order SAF22620.

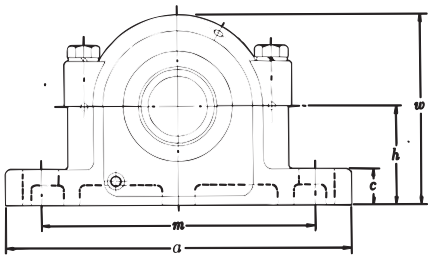
A pillow block housing number includes one housing and two triple seal rings automatically. Suffix G on a pillow block housing number means one stabilizing ring is also included.

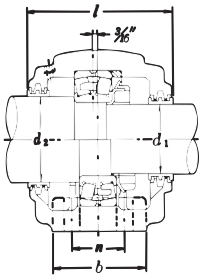
SAF SPLIT BLOCK UNITS (500 ADAPTER MOUNT SERIES) (continued)

Set Bolts		Insert Number	Housing Number	Adapter	Triple Seal Ring (2 Required)	Stabilizing Ring (1 Required)	Part Number
Size	Number						
½	2	**22209EAKW33**	SAF509	SNW09	LER17	SR85X6	**SAF22509X1.7/16**
½	2	**22210EAKW33**	SAF510	SNW10	LER20	SR90X6.5	**SAF22510X1.11/16**
⅝	2	**22211EAKW33**	SAF511	SNW11	LER24	SR100X6	**SAF22511X1.15/16**
⅝	2	**22213EAKW33**	SAF513	SNW13	LER29	SR120X10	**SAF22513X2.3/16**
⅝	2	**22215EAKW33**	SAF515	SNW15	LER37	SR130X10	**SAF22515X2.7/16**
¾	2	**22216EAKW33**	SAF516	SNW16	LER44	SR140X10	**SAF22516X2.11/16**
¾	2	**22217EAKW33**	SAF517	SNW17	LER53	SR150X10	**SAF22517X2.15/16**
¾	2	**22218EAKW33**	SAF518	SNW18	LER69	SR160X10	**SAF22518X3.3/16**
⅞	2	**22220EAKW33**	SAF520	SNW20	LER102	SR180X10	**SAF22520X3.7/16**
¾	4	**22222EAKW33**	SAF522	SNW22	LER109	SR200X10	**SAF22522X3.15/16**
¾	4	**22224EAKW33**	SAF524	SNW24	LER113	SR215X10	**SAF22524X4.3/16**
⅞	4	**22226EAKW33**	SAF526	SNW26	LER117	SR230X10	**SAF22526X4.7/16**
1	4	**22228EAKW33**	SAF528	SNW28	LER122	SR250X10	**SAF22528X4.15/16**
1	4	**22230EAKW33**	SAF530	SNW30	LER125	SR270X10	**SAF22530X5.3/16**
1	4	**22232EAKW33**	SAF532	SNW32	LER130	SR290X10	**SAF22532X5.7/16**
1	4	**22234EAKW33**	SAF534	SNW34	LER140	SR310X10	**SAF22534X5.15/16**
1	4	**22236EAKW33**	SAF536	SNW36	LER148	SR320X10	**SAF22536X6.7/16**
1¼	4	**22238EAKW33**	SAF538	SNW38	LER155	SR340X10	**SAF22538X6.15/16**
1¼	4	**22240EAKW33**	SAF540	SNW40	LER159	SR360X10	**SAF22540X7.3/16**
1½	4	**22244EAKW33**	SAF544	SNW44	LER167	SR400X10	**SAF22544X7.15/16**

SAF SPLIT BLOCK UNITS (600 ADAPTER MOUNT SERIES) (continued)

Set Bolts		Insert Number	Housing Number	Adapter	Triple Seal Ring (2 Required)	Stabilizing Ring (1 Required)	Part Number
Size	Number						
⅝	2	**22309EAKW33**	SAF609	SNW109	LER17	SR100X6	**SAF22609X1.7/16**
⅝	2	**22310EAKW33**	SAF610	SNW110	LER20	SR110X8	**SAF22610X1.11/16**
⅝	2	**22311EAKW33**	SAF611	SNW111	LER24	SR120X10	**SAF22611X1.15/16**
¾	2	**22313EAKW33**	SAF613	SNW113	LER32	SR140X8.5	**SAF22613X2.3/16**
¾	2	**22315EAKW33**	SAF615	SNW115	LER37	SR160X10	**SAF22615X2.7/16**
¾	2	**22316EAKW33**	SAF616	SNW116	LER44	SR170X1	**SAF22616X2.11/16**
⅞	2	**22317EAKW33**	SAF617	SNW117	LER84	SR180X10	**SAF22617X2.15/16**
¾	4	**22318EAKW33**	SAF618	SNW118	LER88	SR190X9.5	**SAF22618X3.3/16**
¾	4	**22320EAKW33**	SAF620	SNW120	LER102	SR215X9.5	**SAF22620X3.7/16**
⅞	4	**22322EAKW33**	SAF622	SNW122	LER109	SR240X9.5	**SAF22622X3.15/16**
1	4	**22324EAKW33**	SAF624	SNW124	LER113	SR260X9.5	**SAF22624X4.3/16**
1	4	**22326EAKW33**	SAF626	SNW126	LER117	SR280X9.5	**SAF22626X4.7/16**
1	4	**22328EAKW33**	SAF628	SNW128	LER122	SR300X9.5	**SAF22628X4.15/16**
1	4	**22330EAKW33**	SAF630	SNW130	LER125	SR320X9.5	**SAF22630X5.3/16**
1¼	4	**22332EAKW33**	SAF632	SNW132	LER130	SR340X9.5	**SAF22632X5.7/16**
1¼	4	**22334EAKW33**	SAF634	SNW134	LER140	SR360X10	**SAF22634X5.15/16**
1¼	4	**22336EAKW33**	SAF636	SNW136	LER148	SR380X10	**SAF22636X6.7/16**
1½	4	**22338EAKW33**	SAF638	SNW138	LER155	SR400X10	**SAF22638X6.15/16**





Series	Shaft Dia. d_1	Shaft Dia. d_2
SAF 200	3 - 8 5/16 in	3 5/8 - 9 3/16 in
SAF 300	1 7/16 - 7 1/4 in	1 15/16 - 8 3/8 in

SAF SPLIT BLOCK UNITS (200 CYLINDRICAL BORE SERIES)

Shaft Dia.		Part Number	Nominal Dimensions								
							m				
d_1	d_2		h	a	b	c	max.	min.	n	w	l
3	3 5/8	SAF22216	3 1/2	13	3 1/2	1 1/4	11	9 5/8	–	6 15/16	5 3/8
3 3/16	3 15/16	SAF22217	3 3/4	13	3 1/2	1 1/4	11	9 7/8	–	7 3/8	5 3/8
3 3/8	4 1/8	SAF22218	4	13 3/4	3 7/8	1 5/16	11 5/8	10 3/8	–	7 13/16	6 1/4
3 13/16	4 1/2	SAF22220	4 1/2	15 1/4	4 3/8	1 3/4	13 1/8	11 5/8	–	8 3/4	6
4 3/16	4 7/8	SAF22222	4 15/16	16 1/2	4 3/4	2	14 1/2	12 5/8	2 3/4	9 5/8	6 1/2
4 3/16	5 5/16	SAF22224	5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	7 3/8
4 15/16	5 7/8	SAF22226	6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 1/2	8
5 5/16	6 1/4	SAF22228	6	20 1/8	5 7/8	2 3/8	17 1/8	16	3 3/8	11 3/4	7 3/8
5 3/4	6 5/8	SAF22230	6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	8 3/8
6 1/16	7	SAF22232	6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	8 3/4
6 7/16	7 7/16	SAF22234	7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	9 5/8
6 7/8	7 13/16	SAF22236	7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	10
7 1/4	8 3/8	SAF22238	7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	10 3/4
7 5/8	8 3/4	SAF22240	8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	11 1/4
8 5/16	9 3/16	SAF22244	9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 3/8	12

Note: Contact NTN Engineering for FSAF availability.

SAF SPLIT BLOCK UNITS (300 CYLINDRICAL BORE SERIES)

Shaft Dia.		Part Number	Nominal Dimensions								
							m				
d_1	d_2		h	a	b	c	max.	min.	n	w	l
1 7/16	1 15/16	SAF22308	2 1/2	8 1/4	2 3/8	1	7	6 1/2	–	4 13/16	4
1 11/16	2 1/8	SAF22309	2 3/4	9 5/8	2 3/4	1	7 1/8	7 3/8	–	5 5/16	4 1/4
1 7/8	2 3/8	SAF22310	3	10 5/8	2 3/4	1 1/8	9	7 3/4	–	5 13/16	4 5/8
2 1/16	2 5/16	SAF22311	3 1/4	11	3 1/8	1 3/16	9 1/2	8 1/8	–	6 3/16	5
2 1/4	2 7/8	SAF22312	3 1/4	11 1/4	3 1/8	1 3/16	9 5/8	8 5/8	–	6 3/8	5 1/4
2 7/16	3 1/16	SAF22313	3 1/2	13	3 1/2	1 1/4	11	9 5/8	–	6 15/16	5 3/8
2 5/8	3 1/4	SAF22314	3 3/4	13	3 1/2	1 1/4	11	9 7/8	–	7 3/8	5 3/8
2 13/16	3 7/16	SAF22315	4	13 3/4	3 7/8	1 5/16	11 5/8	10 3/8	–	7 13/16	6 1/4
3	3 5/8	SAF22316	4 1/4	14 1/4	3 7/8	1 5/16	12 5/8	10 5/8	–	8 1/4	6 1/2
3 3/16	3 15/16	SAF22317	4 1/2	15 1/4	4 3/8	1 3/4	13 1/8	11 5/8	–	8 3/4	6 3/4
3 3/8	4 1/8	SAF22318	4 3/4	15 1/2	4 3/8	2	13 1/2	12	2 1/4	9 3/16	6 7/8
3 13/16	4 1/2	SAF22320	5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	7 3/8
4 3/16	4 7/8	SAF22322	6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 1/2	8
4 3/16	5 5/16	SAF22324	6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	8 3/8
4 15/16	5 7/8	SAF22326	6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	8 3/4
5 5/16	6 1/4	SAF22328	7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	9 3/8
5 3/4	6 5/8	SAF22330	7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	9 3/4
6 1/16	7	SAF22332	7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	10 3/4
6 7/16	7 7/16	SAF22334	8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	11 1/4
6 7/8	7 13/16	SAF22336	8 7/8	31 1/4	8 1/4	3 5/8	26 5/8	24	5 1/4	18 1/2	11 1/4
7 1/4	8 3/8	SAF22338	9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 3/8	12

Note: Contact NTN Engineering for FSAF availability.

How to Order

Example: When you order one SAF22220, you will receive a package containing one SAF220 Pillow Block Housing, one No. 22220EAW33 Bearing, one No. AN20A Locknut and one No. W20 Lockwasher. All units are supplied with two Triple Seal Rings and a Stabilizing Ring. If you specify SAF22220M3, the required end cover will be included. Always specify shaft size.

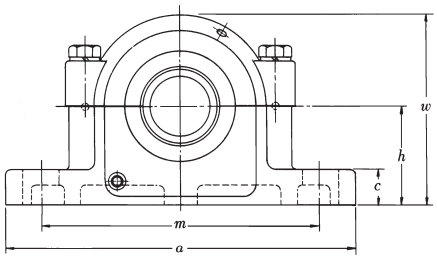
A pillow block housing number includes one housing and two triple seal rings automatically. Suffix G on a pillow block housing number means one stabilizing ring is also included.

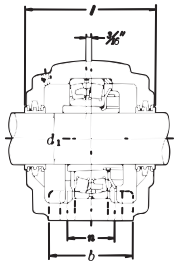
SAF SPLIT BLOCK UNITS (200 CYLINDRICAL BORE SERIES) (continued)

Set Bolts		Locknut	Lock Washer	Insert Number	Housing Number	Triple Seal Ring		Stabilizing Ring	Part Number
Size	Number					d_2 Shaft	d_1 Shaft		
¾	2	AN16A	W16	**22216EAW33**	SAF216	LER82	LER54	SR140X10	**SAF22216**
¾	2	AN17A	W17	**22217EAW33**	SAF217	LER89	LER63	SR150X10	**SAF22217**
¾	2	AN18A	W18	**22218EAW33**	SAF218	LER96	LER72	SR160X10	**SAF22218**
⅞	2	AN20A	W20	**22220EAW33**	SAF220	LER118	LER106	SR180X10	**SAF22220**
¾	4	AN22A	W22	**22222EAW33**	SAF222	LER121	LER113	SR200X10	**SAF22222**
¾	4	AN24A	W24	**22224EAW33**	SAF224	LER127	LER119	SR215X10	**SAF22224**
⅞	4	AN26A	W26	**22226EAW33**	SAF226	LER136	LER122	SR230X10	**SAF22226**
1	4	AN28A	W28	**22228EAW33**	SAF228	LER144	LER127	SR250X10	**SAF22228**
1	4	AN30A	W30	**22230EAW33**	SAF230	LER151	LER134	SR270X10	**SAF22230**
1	4	AN32A	W32	**22232EAW33**	SAF232	LER156	LER142	SR290X10	**SAF22232**
1	4	AN34A	W34	**22234EAW33**	SAF234	LER161	LER148	SR310X10	**SAF22234**
1	4	AN36A	W36	**22236EAW33**	SAF236	LER165	LER154	SR320X10	**SAF22236**
1¼	4	AN38A	W38	**22238EAW33**	SAF238	LER171	LER160	SR340X10	**SAF22238**
1¼	4	AN40A	W40	**22240EAW33**	SAF240	LER175	LER164	SR360X10	**SAF22240**
1½	4	N44	W44	**22244EAW33**	SAF244	LER179	LER170	SR400X10	**SAF22244**

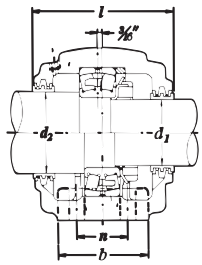
SAF SPLIT BLOCK UNITS (300 CYLINDRICAL BORE SERIES) (continued)

Set Bolts		Locknut	Lock Washer	Insert Number	Housing Number	Triple Seal Ring		Stabilizing Ring	Part Number
Size	Number					d_2 Shaft	d_1 Shaft		
½	2	N08	W08	**22308EAW33**	SAF308	LER24	LER17	SR 90X6.5	**SAF22308**
⅝	2	N09	W09	**22309EAW33**	SAF309	LER28	LER20	SR100X	**SAF22309**
⅝	2	N10	W10	**22310EAW33**	SAF310	LER35	LER23	SR110X8	**SAF22310**
⅝	2	N11	W11	**22311EAW33**	SAF311	LER40	LER27	SR120X10	**SAF22311**
⅝	2	N12	W12	**22312EAW33**	SAF312	LER47	LER33	SR130X10	**SAF22312**
¾	2	N13	W13	**22313EAW33**	SAF313	LER55	LER37	SR140X8.5	**SAF22313**
¾	2	N14	W14	**22314EAW33**	SAF314	LER64	LER43	SR150X10	**SAF22314**
¾	2	AN15A	W15	**22315EAW33**	SAF315	LER79	LER46	SR160X10	**SAF22315**
¾	2	AN16A	W16	**22316EAW33**	SAF316	LER84	LER60	SR170X10	**SAF22316**
⅞	2	AN17A	W17	**22317EAW33**	SAF317	LER109	LER188	SR180X10	**SAF22317**
¾	4	AN18A	W18	**22318EAW33**	SAF318	LER112	LER191	SR190X9.5	**SAF22318**
¾	4	AN20A	W20	**22320EAW33**	SAF320	LER118	LER106	SR215X9.5	**SAF22320**
⅞	4	AN22A	W22	**22322EAW33**	SAF322	LER121	LER113	SR240X9.5	**SAF22322**
1	4	AN24A	W24	**22324EAW33**	SAF324	LER127	LER119	SR260X9.5	**SAF22324**
1	4	AN26A	W26	**22326EAW33**	SAF326	LER136	LER122	SR280X9.5	**SAF22326**
1	4	AN28A	W28	**22328EAW33**	SAF328	LER144	LER127	SR300X9.5	**SAF22328**
1	4	AN30A	W30	**22330EAW33**	SAF330	LER151	LER134	SR320X9.5	**SAF22330**
1¼	4	AN32A	W32	**22332EAW33**	SAF332	LER156	LER142	SR340X9.5	**SAF22332**
1¼	4	AN34A	W34	**22334EAW33**	SAF334	LER161	LER148	SR360X10	**SAF22334**
1¼	4	AN36A	W36	**22336EAW33**	SAF336	LER165	LER154	SR380X10	**SAF22336**
1½	4	AN38A	W38	**22338EAW33**	SAF338	LER171	LER160	SR400X10	**SAF22338**





SAFS 225



SAFS 222

Series	Shaft Dia. d_1	Shaft Dia. d_2
SAFS 500	1 7/16 - 7 15/16 in	–
SAFS 200	3 - 8 5/16 in	3 5/8 - 9 9/16 in

SAFS SPLIT BLOCK UNITS (500 ADAPTER MOUNT STEEL HOUSING SERIES)

Shaft Dia. d_1	Part Number	Nominal Dimensions								
		h	a	b	c	m		n	w	l
						max.	min.			
1 7/16	SAFS22509X1.7/16	2 1/4	8 1/4	2 3/8	7/8	7	6 1/4	–	4 7/16	3 5/8
1 11/16	SAFS22510X1.11/16	2 1/2	8 1/4	2 3/8	1	7	6 1/2	–	4 13/16	4
1 15/16	SAFS22511X1.15/16	2 3/4	9 5/8	2 3/4	1	7 7/8	7 3/8	–	5 5/16	4 1/4
2 3/16	SAFS22513X2.3/16	3	11	3 1/8	1	9 1/2	8 1/8	–	5 15/16	5
2 7/16	SAFS22515X2.7/16	3 1/4	11 1/4	3 1/8	1 3/16	9 5/8	8 5/8	–	6 3/8	5 1/4
2 11/16	SAFS22516X2.11/16	3 1/2	13	3 1/2	1	11	9 5/8	–	6 15/16	5
2 15/16	SAFS22517X2.15/16	3 3/4	13	3 1/2	1 1/4	11	9 7/8	–	7 3/8	5 3/8
3 3/16	SAFS22518X3.3/16	4	13 3/4	3 3/8	1	12	10 3/8	–	7 13/16	6
3 7/16	SAFS22520X3.7/16	4 1/2	15 1/4	4 3/8	1 1/2	13 1/8	11 5/8	–	8 7/8	6 3/4
3 15/16	SAFS22522X3.15/16	5	16 1/2	4 3/4	2	15	12 5/8	2 3/4	9 11/16	7
4 3/16	SAFS22524X4.3/16	5 1/4	16 1/2	4 3/4	1 3/4	14 1/2	13 1/4	2 3/4	10 1/4	7 3/8
4 7/16	SAFS22526X4.7/16	6	18 3/8	5 1/8	2	16	14 5/8	3 1/4	11 9/16	8
4 15/16	SAFS22528X4.15/16	6	20 1/8	5 7/8	1 15/16	17 7/8	16	3 3/8	12	7 5/8
5 3/16	SAFS22530X5.3/16	6 5/16	21 1/4	6 1/4	2	18	17	3 3/4	12 11/16	8
5 7/16	SAFS22532X5.7/16	6 11/16	22	6 1/4	2	19 1/4	17 3/8	3 3/4	13 9/16	8 3/4
5 15/16	SAFS22534X5.15/16	7	24 3/4	6 3/4	2	22	19 3/8	4 1/4	14 9/16	10
6 7/16	SAFS22536X6.7/16	7 1/2	26 3/4	7 1/8	2 1/8	23 5/8	20 7/8	4 5/8	15 5/16	10
6 15/16	SAFS22538X6.15/16	7 7/8	28	7 1/2	2	24	21 5/8	4 1/2	16 3/16	11
7 3/16	SAFS22540X7.3/16	8 1/4	29 1/2	8	2 3/8	25	22 1/2	5	17 3/16	11 1/8
7 15/16	SAFS22544X7.15/16	9 1/2	32 3/4	8 3/4	3	28	24 3/4	5 1/4	19 7/16	12

SAFS SPLIT BLOCK UNITS (200 CYLINDRICAL BORE SERIES)

Shaft Dia.		Part Number	Nominal Dimensions								
d_1	d_2		h	a	b	c	m		n	w	l
							max.	min.			
3	3 5/8	SAFS22216	3 1/2	13	3 1/2	1 1/4	11	9 5/8	–	6 15/16	5 3/8
3 3/16	3 15/16	SAFS22217	3 3/4	13	3 1/2	1 1/4	11	9 7/8	–	7 3/8	5 3/8
3 3/8	4 1/8	SAFS22218	4	13 3/4	3 7/8	1 5/16	11 5/8	10 3/8	–	7 13/16	6 1/4
3 13/16	4 1/2	SAFS22220	4 1/2	15	4 3/8	1 1/2	13	11 5/8	–	8 7/8	6 3/4
4 3/16	4 7/8	SAFS22222	4 15/16	16 1/2	4 3/4	1 5/8	14 1/2	12 5/8	2 3/4	9 11/16	7 1/4
4 9/16	5 5/16	SAFS22224	5 1/4	17	4 3/4	1 3/4	15	13 1/4	2 3/4	10 1/4	7 3/8
4 15/16	5 7/8	SAFS22226	6	18 3/8	5 1/8	1 7/8	16	14 5/8	3 1/4	11 9/16	8
5 5/16	6 1/4	SAFS22228	6	20	5 7/8	1 15/16	17	16	3 3/8	12	7 5/8
5 3/4	6 5/8	SAFS22230	6 5/16	21 1/4	6 1/4	2	18 1/4	17	3 3/4	12 11/16	8 3/8
6 1/16	7	SAFS22232	6 11/16	22	6 1/4	2	19	17 3/8	3 3/4	13 9/16	8 3/4
6 7/16	7 7/16	SAFS22234	7 1/16	24 3/4	6 3/4	2 1/8	21 5/8	19 3/8	4 1/4	14 9/16	9 5/8
6 7/8	7 13/16	SAFS22236	7 1/2	27	7 1/8	2 1/8	24	20 7/8	4 5/8	15 5/16	10
7 1/4	8 3/8	SAFS22238	7 7/8	28	7 1/2	2 3/8	24 3/8	21 5/8	4 1/2	16 3/16	10 5/8
7 5/8	8 3/4	SAFS22240	8 1/4	30	8	2 3/8	25	22 1/2	5	17 3/16	11 1/8
8 5/16	9 9/16	SAFS22244	9 1/2	32 3/4	8 3/4	2 3/4	27 7/8	24 3/4	5 1/4	19 7/16	11 7/8

How to Order

Example No. 1 When you order one SAFS22520X3.7/16, you will receive a package containing one SAFS520 Pillow Block Housing, one No. 22220EAKW33 Bearing and one SNW20 Adapter.

Example No. 2: When you order one SAFS22220, you will receive a package containing one SAFS220 Pillow Block Housing, one No. 22220EAW33 Bearing, one No. AN20A Locknut and one No. W20 Lockwasher.

For both of the above examples:

All units are supplied with two Triple Seal Rings and a Stabilizing Ring. If you specify SAFS22520M3, the required end cover will be included. Always specify shaft size.

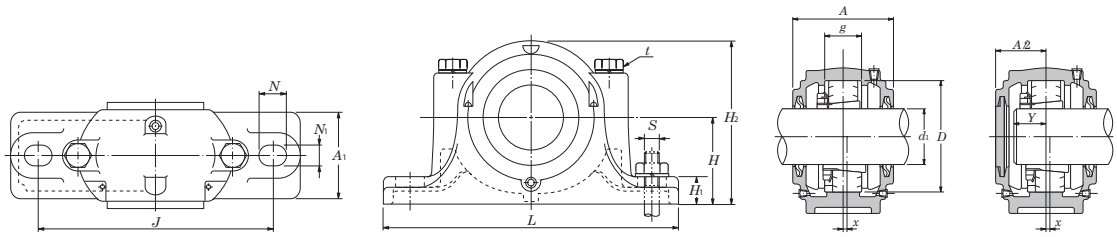
A pillow block housing number includes one housing and two triple seal rings automatically. Suffix G on a pillow block housing number means one stabilizing ring is also included.

SAFS SPLIT BLOCK UNITS (500 ADAPTER MOUNT STEEL HOUSING SERIES) (continued)

Set Bolts		Insert Number	Housing Number	Adapter	Triple Seal Ring	Stabilizing Ring	Part Number
Size	Number						
½	2	**22209EAKW33**	SAFS509	SNW09	LER17	SR85X6	**SAFS22509X1.7/16**
½	2	**22210EAKW33**	SAFS510	SNW10	LER20	SR90X6.5	**SAFS22510X1.11/16**
⅝	2	**22211EAKW33**	SAFS511	SNW11	LER24	SR100X6	**SAFS22511X1.15/16**
⅝	2	**22213EAKW33**	SAFS513	SNW13	LER29	SR120X10	**SAFS22513X2.3/16**
⅝	2	**22215EAKW33**	SAFS515	SNW15	LER37	SR130X10	**SAFS22515X2.7/16**
¾	2	**22216EAKW33**	SAFS516	SNW16	LER44	SR140X10	**SAFS22516X2.11/16**
¾	2	**22217EAKW33**	SAFS517	SNW17	LER53	SR150X10	**SAFS22517X2.15/16**
¾	2	**22218EAKW33**	SAFS518	SNW18	LER69	SR160X10	**SAFS22518X3.3/16**
⅞	2	**22220EAKW33**	SAFS520	SNW20	LER75	SR180X10	**SAFS22520X3.7/16**
¾	4	**22222EAKW33**	SAFS522	SNW22	LER93	SR200X10	**SAFS22522X3.15/16**
¾	4	**22224EAKW33**	SAFS524	SNW24	LER113	SR215X10	**SAFS22524X4.3/16**
⅞	4	**22226EAKW33**	SAFS526	SNW26	LER117	SR230X10	**SAFS22526X4.7/16**
1	4	**22228EAKW33**	SAFS528	SNW28	LER122	SR250X10	**SAFS22528X4.15/16**
1	4	**22230EAKW33**	SAFS530	SNW30	LER125	SR270X10	**SAFS22530X5.3/16**
1	4	**22232EAKW33**	SAFS532	SNW32	LER130	SR290X10	**SAFS22532X5.7/16**
1	4	**22234EAKW33**	SAFS534	SNW34	LER140	SR310X10	**SAFS22534X5.15/16**
1	4	**22236EAKW33**	SAFS536	SNW36	LER148	SR320X10	**SAFS22536X6.7/16**
1¼	4	**22238EAKW33**	SAFS538	SNW38	LER224	SR340X10	**SAFS22538X6.15/16**
1¼	4	**22240EAKW33**	SAFS540	SNW40	LER228	SR360X10	**SAFS22540X7.3/16**
1½	4	**22244EAKW33**	SAFS544	SNW44	LER236	SR400X10	**SAFS22544X7.15/16**

SAFS SPLIT BLOCK UNITS (200 CYLINDRICAL BORE SERIES) (continued)

Set Bolts		Locknut	Lock Washer	Insert Number	Housing Number	Triple Seal Ring		Stabilizing Ring	Part Number
Size	Number					d2 Shaft	d1 Shaft		
¾	2	AN16A	W16	**22216EAW33**	SAFS216	LER82	LER54	SR140X10	**SAFS22216**
¾	2	AN17A	W17	**22217EAW33**	SAFS217	LER89	LER63	SR150X10	**SAFS22217**
¾	2	AN18A	W18	**22218EAW33**	SAFS218	LER96	LER72	SR160X10	**SAFS22218**
⅞	2	AN20A	W20	**22220EAW33**	SAFS220	LER118	LER106	SR180X10	**SAFS22220**
¾	4	AN22A	W22	**22222EAW33**	SAFS222	LER121	LER113	SR200X10	**SAFS22222**
¾	4	AN24A	W24	**22224EAW33**	SAFS224	LER127	LER119	SR215X10	**SAFS22224**
⅞	4	AN26A	W26	**22226EAW33**	SAFS226	LER136	LER122	SR230X10	**SAFS22226**
1	4	AN28A	W28	**22228EAW33**	SAFS228	LER144	LER127	SR250X10	**SAFS22228**
1	4	AN30A	W30	**22230EAW33**	SAFS230	LER151	LER134	SR270X10	**SAFS22230**
1	4	AN32A	W32	**22232EAW33**	SAFS232	LER156	LER142	SR290X10	**SAFS22232**
1	4	AN34A	W34	**22234EAW33**	SAFS234	LER161	LER148	SR310X10	**SAFS22234**
1	4	AN36A	W36	**22236EAW33**	SAFS236	LER165	LER154	SR320X10	**SAFS22236**
1¼	4	AN38A	W38	**22238EAW33**	SAFS238	LER240	LER229	SR340X10	**SAFS22238**
1¼	4	AN40A	W40	**22240EAW33**	SAFS240	LER244	LER233	SR360X10	**SAFS22240**
1¼	4	N44A	W44	**22244EAW33**	SAFS244	LER248	LER239	SR400X10	**SAFS22244**



Units	Shaft Dia.
Metric	25 - 140 mm

SN METRIC SPLIT BLOCK UNITS (500 ADAPTER MOUNT SERIES)

Shaft Dia. d_1	Part Number	Nominal Dimensions												
		D	H	J	N_1	N	A	L	A_1	H_1	H_2	g	t Nominal	s Nominal
25	SN506	62	50	150	15	20	77	185	52	22	90	30	M8	M12
30	SN507	72	50	150	15	20	82	185	52	22	95	33	M10	M12
35	SN508	80	60	170	15	20	85	205	60	25	110	33	M10	M12
40	SN509	85	60	170	15	20	85	205	60	25	112	31	M10	M12
45	SN510	90	60	170	15	20	90	205	60	25	115	33	M10	M12
50	SN511	100	70	210	18	23	95	255	70	28	130	33	M12	M16
55	SN512	110	70	210	18	23	105	255	70	30	135	38	M12	M16
60	SN513	120	80	230	18	23	110	275	80	30	150	43	M12	M16
65	SN515	130	80	230	18	23	115	280	80	30	155	41	M12	M16
70	SN516	140	95	260	22	27	120	315	90	32	175	43	M16	M20
75	SN517	150	95	260	22	27	125	320	90	32	185	46	M16	M20
80	SN518	160	100	290	22	27	140	345	100	35	195	62	M16	M20
85	SN519	170	112	290	22	27	145	345	100	35	210	53	M16	M20
90	SN520	180	112	320	26	32	160	380	110	40	218	70	M20	M24
100	SN522	200	125	350	26	32	175	410	120	45	240	80	M20	M24
110	SN524	215	140	350	26	32	185	410	120	45	270	86	M20	M24
115	SN526	230	150	380	28	36	190	445	130	50	290	90	M24	M24
125	SN528	250	150	420	33	42	205	500	150	50	305	98	M24	M30
135	SN530	270	160	450	33	42	220	530	160	60	325	106	M24	M30
140	SN532	290	170	470	33	42	235	550	160	60	345	114	M24	M30

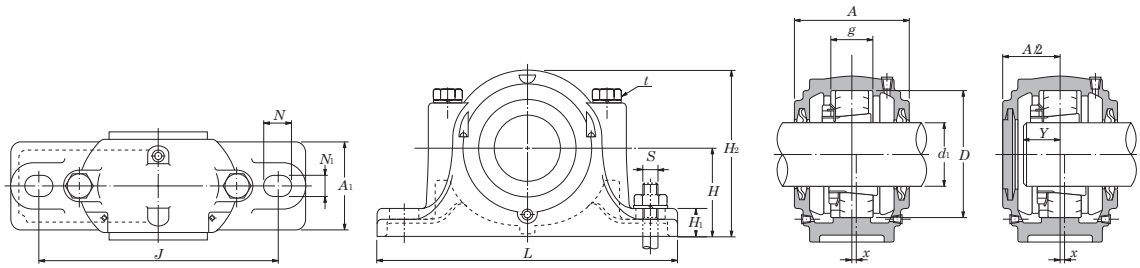
How to Order

1 The numeral in nominal number of the setting ring represents the outside diameter Tand width dimension.
2 Though not JIS part number, SN519 complies with JIS.
3 Dimension Y is an approximate distance from the bearing center to the shaft end for shaft end configuration.
4 11 through 18 for bearing series 222 are also applicable to type E self-aligning roller bearings. For details, contact NTN Engineering.

Note: 1) Sizes SN524 and greater are equipped with lifting eye bolts.
2) Fill and drain plugs:
Size: SN506-SN520……PT1/8
SN522-SN532……PT1/4
3) Dimension X indicates a deviation of the bearing center relative to the plummer block center, and its value is 1/2 the width of the setting washer.
4) As an adaptor for bearing series 12, series H2 as well as series H3 can be used.
5) Materials of setting washers: SR62-SR250 Die-casting zinc alloy, category 2, ZDC2

SN METRIC SPLIT BLOCK UNITS (500 ADAPTER MOUNT SERIES) (continued)

Self-Aligning Ball Bearing				Spherical Roller Bearing				Seal Number	Y Approx.	Part Number
Bearing	Adapter	Setting Washer		Bearing	Adapter	Setting Washer				
		Size	Number			Size	Number			
1206K 2206K	H206X H306X	SR62X7 SR62X10	2 1	–	–	–	–	ZF6	18 20	SN506
1207K 2207K	H207X H307X	SR72X8 SR72X10	2 1	–	–	–	–	ZF7	19 22	SN507
1208K 2208K	H208X H308X	SR80X7.5 SR80X10	2 1	22208EAKW33	H308X	SR80X10	1	ZF8	21 23	SN508
1209K 2209K	H209X H309X	SR85X6 SR85X8	2 1	22209EAKW33	H309X	SR85X8	1	ZF9	22 24	SN509
1210K 2210K	H210X H310X	SR90X6.5 SR90X10	2 1	22210EAKW33	H310X	SR90X10	1	ZF10	24 25	SN510
1211K 2211K	H211X H311X	SR100X6 SR100X8	2 1	22211EAKW33	H311X4	SR100X8	1	ZF11	25 27	SN511
1212K 2212K	H212X H312X	SR110X8 SR110X10	2 1	22212EAKW33	H312X4	SR110X10	1	ZF12	26 29	SN512
1213K 2213K	H213X H313X	SR120X10 SR120X12	2 1	22213EAKW33	H313X4	SR120X12	1	ZF13	28 32	SN513
1215K 2215K	H215X H315X	SR130X8 SR130X10	2 1	22215EAKW33	H315X4	SR130X10	1	ZF15	30 33	SN515
1216K 2216K	H216X H316X	SR140X8.5 SR140X10	2 1	22216EAKW33	H316X4	SR140X10	1	ZF16	32 36	SN516
1217K 2217K	H217X H317X	SR150X9 SR150X10	2 1	22217EAKW33	H317X4	SR150X10	1	ZF17	34 38	SN517
1218K 2218K –	H218X H318X –	SR160X16.2 SR160X11.2 –	2 2 –	22218EAKW33 23218EAKW33	H318X H2318X	SR160X11.2 SR160X10	2 1	ZF18	35 40 46	SN518
1219K 2219K	H219X H319X	SR170X10.5 SR170X10	2 1	22219EAKW33	H319X	SR170X10	1	ZF19	37 43	SN519
1220K 2220K –	H220X H320X –	SR180X18.1 SR180X12.1 –	2 2 –	22220EAKW33 23220EAKW33	H320X H2320X	SR180X12.1 SR180X10	– 1	ZF20	39 45 52	SN520
1222K 2222K –	H222X H322X –	SR200X21 SR200X13.5 –	2 2 –	22222EAKW33 23222EAKW33	H322X H2322X	SR200X13.5 SR200X10	2 1	ZF22	42 50 58	SN522
–	–	–	–	22224EAKW33	H3124X	SR215X14	2	ZF24	53 62	SN524
–	–	–	–	22226EAKW33 23226EAKW33	H3126 H2326	SR230X13 SR230X10	2 1	ZF26	57 65	SN526
–	–	–	–	22228EAKW33	H3128	SR250X15	2	ZF28	60 70	SN528
–	–	–	–	22230EAKW33 23230EAKW33	H3130 H2330	SR270X16.5 SR270X10	2 1	ZF30	65 76	SN530
–	–	–	–	22232EAKW33	H3132	SR290X17	2	ZF32	71 83	SN532



Units	Shaft Dia.
Metric	25 - 140 mm

SN METRIC SPLIT BLOCK UNITS (600 ADAPTER MOUNT SERIES)

Shaft Dia. d_1	Part Number	Nominal Dimensions												
		D	H	J	N_1	N	A	L	A_1	H_1	H_2	g	t Nominal	s Nominal
25	SN606	72	50	150	15	20	82	185	52	22	95	37	M10	M12
30	SN607	80	60	170	15	20	90	205	60	25	110	41	M10	M12
35	SN608	90	60	170	15	20	95	205	60	25	115	43	M10	M12
40	SN609	100	70	210	18	23	105	255	70	28	130	46	M12	M16
45	SN610	110	70	210	18	23	115	255	70	30	135	50	M12	M16
50	SN611	120	80	230	18	23	120	275	80	30	150	53	M12	M16
55	SN612	130	80	230	18	23	125	280	80	30	155	56	M12	M16
60	SN613	140	95	260	22	27	130	315	90	32	175	58	M16	M20
65	SN615	160	100	290	22	27	140	345	100	35	195	65	M16	M20
70	SN616	170	112	290	22	27	145	345	100	35	212	68	M16	M20
75	SN617	180	112	320	26	32	155	380	110	40	218	70	M20	M24
80	SN618	190	112	320	26	35	160	400	110	33	230	74	M20	M24
85	SN619	200	125	350	26	35	170	420	120	36	245	77	M20	M24
90	SN620	215	140	350	26	35	175	420	120	38	280	83	M20	M24
100	SN622	240	150	390	28	38	190	460	130	40	300	90	M24	M24
110	SN624	260	160	450	33	42	205	540	160	50	325	96	M24	M30
115	SN626	280	170	470	33	42	215	560	160	50	350	103	M24	M30
125	SN628	300	180	520	35	45	235	630	170	55	375	112	M30	M30
135	SN630	320	190	560	35	45	245	680	180	55	395	118	M30	M30
140	SN632	340	200	580	42	52	255	710	190	60	415	124	M30	M36

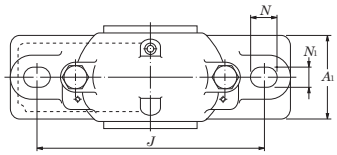
How to Order

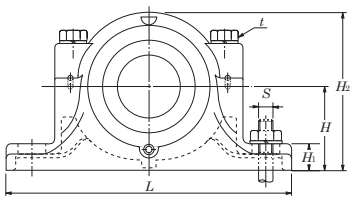
1 The numeral in nominal number of the setting ring represents the outside diameter and width dimension.
2 Dimension Y is an approximate distance from the bearing center to the shaft end for shaft end configuration.

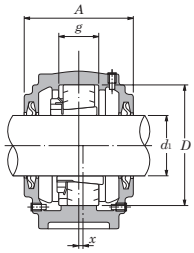
Note: 1) Sizes S618 and greater are equipped with lifting eye bolts.
2) Fill and drain plugs:
Size: SN606-SN617.....PT1/8
SN618-SN632.....PT1/4
3) Dimension X indicates a deviation of the bearing center relative to the plummer block center, and its value is 1/2 the width of the setting washer.

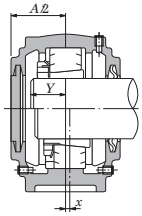
SN METRIC SPLIT BLOCK UNITS (600 ADAPTER MOUNT SERIES) (continued)

Self-Aligning Ball Bearing				Spherical Roller Bearing				Seal Number	Y Approx.	Part Number
Bearing	Adapter	Setting Washer		Bearing	Adapter	Setting Washer				
		Size	Number			Size	Number			
1306K	H306X	SR72X9	2	–	–	–	–	ZF6	19	SN606
2306K	H2306X	SR72X10	1						23	
1307K	H307X	SR80X10	2	–	–	–	–	ZF7	21	SN607
2307K	H2307X	SR80X10	1						26	
1308K	H308X	SR90X10	2	21308EAKW33	H308X	SR90X10	2	ZF8	23	SN608
2308K	H2308X	SR90X10	1	22308EAKW33	H2308X	SR90X10	1		28	
1309K	H309X	SR100X10.5	2	21309EAKW33	H309X	SR100X10.5	2	ZF9	25	SN609
2309K	H2309X	SR100X10	1	22309EAKW33	H2309X	SR100X10	1		31	
1310K	H310X	SR110X11.5	2	21310EAKW33	H310X	SR110X11.5	2	ZF10	27	SN610
2310K	H2310X	SR110X10	1	22310EAKW33	H2310X	SR110X10	1		34	
1311K	H311X	SR120X12	2	21311EAKW33	H311X	SR120X12	2	ZF11	29	SN611
2311K	H2311X	SR120X10	1	22311EAKW33	H2311X	SR120X10	1		36	
1312K	H312X	SR130X12.5	2	21312EAKW33	H312X	SR130X12.5	2	ZF12	31	SN612
2312K	H2312X	SR130X10	1	22312EAKW33	H2312X	SR130X10	1		39	
1313K	H313X	SR140X12.5	2	21313EAKW33	H313X	SR140X12.5	2	ZF13	33	SN613
2313K	H2313X	SR140X10	1	22313EAKW33	H2313X	SR140X10	1		40	
1315K	H315X	SR160X14	2	21315EAKW33	H315X	SR160X14	2	ZF15	36	SN615
2315K	H2315X	SR160X10	1	22315EAKW33	H2315X	SR160X10	1		45	
1316K	H316X	SR170X14.5	2	21316K	H316X	SR170X14.5	2	ZF16	39	SN616
2316K	H2316X	SR170X10	1	22316EAKW33	H2316X	SR170X10	1		48	
1317K	H317X	SR180X14.5	2	21317K	H317X	SR180X14.5	2	ZF17	41	SN617
2317K	H2317X	SR180X10	1	22317EAKW33	H2317X	SR180X10	1		50	
1318K	H318X	SR190X15.3	2	21318K	H318X	SR190X15.3	2	ZF18	42	SN618
2318K	H2318X	SR190X9.5	1	22318EAKW33	H2318X	SR190X9.5	1		52	
1319K	H319X	SR200X15.8	2	21319K	H319X	SR200X15.8	2	ZF19	44	SN619
2319K	H2319X	SR200X9.5	1	22319EAKW33	H2319X	SR200X9.5	1		55	
1320K	H320X	SR215X17.8	2	21320K	H320X	SR215X17.8	2	ZF20	46	SN620
2320K	H2320X	SR215X9.5	1	22320EAKW33	H2320X	SR215X9.5	1		59	
1322K	H322X	SR240X19.8	2	21322K	H322X	SR240X19.8	2	ZF22	48	SN622
2322K	H2322X	SR240X9.5	1	22322EAKW33	H2322X	SR240X9.5	1		63	
–	–	–	–	22324EAKW33	H2324X	SR260X9.5	1	ZF24	67	SN624
–	–	–	–	22326EAKW33	H2326	SR280X9.5	1	ZF26	72	SN626
–	–	–	–	22328EAKW33	H2328	SR300X9.5	1	ZF28	77	SN628
–	–	–	–	22330EAKW33	H2330	SR320X9.5	1	ZF30	82	SN630
–	–	–	–	22332EAKW33	H2332	SR340X9.5	1	ZF32	88	SN632









Units	Shaft Dia.
Metric	100 - 170

SN METRIC SPLIT BLOCK UNITS (3000 ADAPTER MOUNT SERIES)

Shaft Dia. d_1	Part Number	Nominal Dimensions												
		D	H	J	N_1	N	A	L	A_1	H_1	H_2	g	t Nominal	s Nominal
110	**SN3024**	180	112	320	26	32	150	380	110	40	217	56	M20	M24
115	**SN3026**	200	125	350	26	32	160	410	120	45	240	62	M20	M24
125	**SN3028**	210	140	350	26	32	170	410	120	45	260	63	M20	M24
135	**SN3030**	225	150	380	28	36	175	445	130	50	283	66	M24	M24
140	**SN3032**	240	150	390	28	36	190	460	130	50	290	70	M24	M24
150	**SN3034**	260	160	450	33	42	200	530	160	60	310	77	M24	M30
160	**SN3036**	280	170	470	33	42	210	550	160	60	330	84	M24	M30
170	**SN3038**	290	170	470	33	42	210	550	160	60	335	85	M24	M30

SN METRIC SPLIT BLOCK UNITS (3100 ADAPTER MOUNT SERIES)

Shaft Dia. d_1	Part Number	Nominal Dimensions												
		D	H	J	N_1	N	A	L	A_1	H_1	H_2	g	t Nominal	s Nominal
100	**SN3122**	180	112	320	26	32	155	380	110	40	217	66	M20	M24
110	**SN3124**	200	125	350	26	32	165	410	120	45	240	72	M20	M24
115	**SN3126**	210	140	350	26	32	170	410	120	45	260	74	M20	M24
125	**SN3128**	225	150	380	28	36	180	445	130	50	283	78	M24	M24
135	**SN3130**	250	150	420	33	42	200	500	150	50	295	90	M24	M30
140	**SN3132**	270	160	450	33	42	215	530	160	60	315	96	M24	M30
150	**SN3134**	280	170	470	33	42	220	550	160	60	330	98	M24	M30
160	**SN3136**	300	180	520	33	42	230	610	170	70	355	106	M30	M30
170	**SN3138**	320	190	560	33	42	240	650	180	70	375	114	M30	M30

How to Order

1 The numeral in nominal number of the setting ring represents the outside diameter and width dimension.
2 Dimension Y is an approximate distance from the bearing center to the shaft end for shaft end configuration.

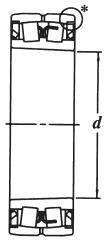
Note: 1) Sizes SN3028 and greater and sizes SN3126 and greater are equipped with lifting eye bolts.
2) Fill and drain plugs:
Size: PT1/4
3) Dimension X indicates a deviation of the bearing center relative to the plummer block center, and its value is 1/2 the width of the setting washer.

SN METRIC SPLIT BLOCK UNITS (3000 ADAPTER MOUNT SERIES) (continued)

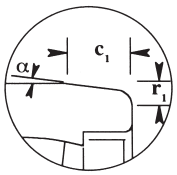
Spherical Roller Bearing				Seal Number	Y Approx.	Part Number
Bearing	Adapter	Setting Washer				
		Size	Number			
23024EAKW33	H3024X	SR180X10	1	ZF24	47	SN3024
23026EAKW33	H3026	SR200X10	1	ZF26	51	SN3026
23028EAKW33	H3028	SR210X10	1	ZF28	53	SN3028
23030EAKW33	H3030	SR225X10	1	ZF30	56	SN3030
23032EAKW33	H3032	SR240X10	1	ZF32	61	SN3032
23034EAKW33	H3034	SR260X10	1	ZF34	66	SN3034
23036EAKW33	H3036	SR280X10	1	ZF36	70	SN3036
23038EAKW33	H3038	SR290X10	1	ZF38	72	SN3038

SN METRIC SPLIT BLOCK UNITS (3100 ADAPTER MOUNT SERIES) (continued)

Spherical Roller Bearing				Seal Number	Y Approx.	Part Number
Bearing	Adapter	Setting Washer				
		Size	Number			
23122EAKW33	H3122X	SR180X10	1	ZF22	51	SN3122
23124EAKW33	H3124X	SR200X10	1	ZF24	55	SN3124
23126EAKW33	H3126	SR210X10	1	ZF26	57	SN3126
23128EAKW33	H3128	SR225X10	1	ZF28	60	SN3128
23130EAKW33	H3130	SR250X10	1	ZF30	68	SN3130
23132EAKW33	H3132	SR270X10	1	ZF32	74	SN3132
23134EAKW33	H3134	SR280X10	1	ZF34	76	SN3134
23136EAKW33	H3136	SR300X10	1	ZF36	81	SN3136
23138EMKW33	H3138	SR320X10	1	ZF38	86	SN3138



Tapered Bore MX-W222K
Taper 1:12



*Detail: 1

How to Order

1 For outside diameter chamfer dimensions, contact NTN Engineering.

Note: The d dimensions for the tapered bore is measured from the side of the bearing with the smallest bore dimension. Lubrication holes and oil groove provided as standard, suffix D1 not needed.

Units	Shaft Dia.	Load Rating
Metric	55 - 160 mm	Newton
Standard	–	Lbs

SEALED SPHERICAL ROLLER BEARING INSERTS

Shaft Dia. d	Part Number	Nominal Dimensions				Basic Load Rating		Limiting Speed (rpm)
		D	B	r	G	Dynamic Cr	Static Cor	
55	MX-W22211EALLKW33C3	100 3.937	40 1.575	0.6 0.024	6 0.236	31,870 7,165	30,470 6,850	*
65	MX-W22213EALLKW33C3	120 4.724	46.5 1.831	0.6 0.024	6 0.236	46,620 10,480	46,195 10,385	*
75	MX-W22215EALLKW33C3	130 5.118	46.5 1.831	0.6 0.024	8 0.315	60,040 11,250	51,240 11,520	*
85	MX-W22217EALLKW33C3	150 5.906	51.5 2.028	0.6 0.024	8 0.315	66,590 14,970	67,790 15,240	*
100	MX-W22220EALLKW33C3	180 7.087	64.5 2.539	1.0 0.039	8 0.315	95,440 21,455	115,810 26,035	*
110	MX-W22222EALLKW33C3	200 7.874	71 2.795	1.0 0.039	8 0.315	85,760 19,280	106,335 23,905	*
120	MX-W22224EALLKW33C3	215 8.465	76 2.992	1.0 0.039	10 0.394	91,810 20,640	118,830 26,715	*
130	MX-W22226EALLKW33C3	230 9.055	84 3.307	1.0 0.039	10 0.394	116,210 26,125	148,300 33,340	*
140	MX-W22228EALLKW33C3	250 9.843	88 3.465	1.0 0.039	10 0.394	–	–	*
160	MX-W22232EALLKW33C3	290 11.417	104 4.094	1.0 0.039	12 0.472	–	–	*

*Contact NTN Engineering for limiting speeds.

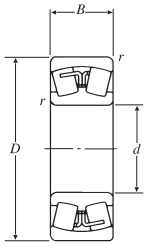
Units	Shaft Dia.	Load Rating
Metric	25 - 85 mm	Newton

How to Order

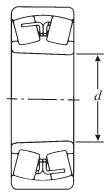
1 The suffix D1 means the bearing has lubrication holes and an oil groove. However, for bearing numbers 22330B(K) and over, the suffix D1 is not needed as the lubrication holes and oil groove are standard.

2 For bearings with a blank G dimension, no lubrication holes and oil groove are provided. These features may be added upon request. (Add suffix D1.)

Note: The d dimension for the tapered bore is measured from the side of the bearing with the smallest bore dimension.



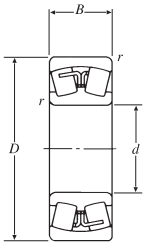
Cylindrical Bore
223B, 223C



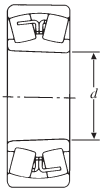
Tapered Bore 223BK, 223CK
Taper 1:12

STANDARD SPHERICAL ROLLER BEARING INSERTS

Shaft Dia. d	Part Number		Nominal Dimensions				Basic Load Rating		Limiting Speed (rpm)	
	Cylindrical	Tapered	D	B	r	G	Dynamic Cr	Static Cor	Grease	Oil
25	22205EAW33	22205EAKW33	52	18	1.0	3	11,790	9,475	10,400	13,000
	22205EMW33	22205EMKW33								
30	22206EAW33	22206EAKW33	62	20	1.0	4	15,570	13,280	8,800	11,000
	22206EMW33	22206EMKW33								
35	22207EAW33	22207EAKW33	72	23	1.1	5	20,600	18,930	7,500	9,400
	22207EMW33	22207EMKW33								
40	22208EAW33	22208EAKW33	80	23	1.1	5	23,800	21,600	6,800	8,500
	22208EMW33	22208EMKW33	80	23	1.1	5	22,600	20,170	6,800	8,500
	22308EAW33	22308EAKW33	90	33	2.0	6	34,700	31,270	5,400	6,600
	22308EMW33	22308EMKW33	90	33	2.0	6	34,700	31,270	5,400	6,600
45	22209EAW33	22209EAKW33	85	23	1.1	6	24,820	23,200	6,100	7,700
	22209EMW33	22209EMKW33	85	23	1.1	6	23,800	21,800	6,100	7,700
	22309EAW33	22309EAKW33	100	36	2.0	6	42,370	38,540	4,600	5,700
	22309EMW33	22309EMKW33	100	36	2.0	6	42,370	38,540	4,600	5,700
50	22210EAW33	22210EAKW33	90	23	1.1	6	26,850	25,420	5,700	7,200
	22210EMW33	22210EMKW33	90	23	1.1	6	25,620	24,020	5,700	7,200
	22310EAW33	22310EAKW33	110	40	2.0	7	51,240	47,820	4,300	5,300
	22310EMW33	22310EMKW33	110	40	2.0	7	51,240	47,820	4,300	5,300
55	22211EAW33	22211EAKW33	100	25	2.0	6	31,870	30,470	5,300	6,700
	22211EMW33	22211EMKW33	100	25	1.5	6	30,470	28,850	5,300	6,700
	22311EAW33	22311EAKW33	120	43	2.0	8	60,940	56,490	3,900	4,800
	22311EMW33	22311EMKW33	120	43	2.0	8	60,940	56,490	3,900	4,800
60	22212EAW33	22212EAKW33	110	28	1.5	7	38,540	37,120	4,800	6,000
	22212EMW33	22212EMKW33	110	28	1.5	7	36,920	35,120	4,800	6,000
	22312EAW33	22312EAKW33	130	46	2.0	9	70,015	65,770	3,600	4,600
	22312EMW33	22312EMKW33	130	46	2.0	9	70,015	65,770	3,600	4,600
65	22213EAW33	22213EAKW33	120	31	1.5	8	46,620	46,200	4,400	5,500
	22213EMW33	22213EMKW33	120	31	1.5	8	44,590	43,600	4,400	5,500
	22313EAW33	22313EAKW33	140	48	2.1	9	75,860	70,620	3,300	4,100
	22313EMW33	22313EMKW33	140	48	2.0	9	75,860	70,620	3,300	4,100
70	22214EAW33	22214EAKW33	125	31	2.0	7	48,420	49,240	4,100	5,200
	22214EMW33	22214EMKW33	125	31	1.5	7	48,420	49,240	4,100	5,200
	22314EAW33	22314EAKW33	150	51	2.0	10	86,360	81,500	3,000	3,800
	22314EMW33	22314EMKW33	150	51	2.0	10	86,360	81,500	3,000	3,800
75	22215EAW33	22215EAKW33	130	31	1.5	7	50,040	51,240	4,000	5,000
	22215EMW33	22215EMKW33	130	31	1.5	7	50,040	51,240	4,000	5,000
	22315EAW33	22315EAKW33	160	55	2.1	10	101,090	96,040	2,900	3,600
	22315EMW33	22315EMKW33	160	55	2.0	10	101,090	96,040	2,900	3,600
80	22216EAW33	22216EAKW33	140	33	2.0	8	57,290	59,120	3,700	4,600
	22216EMW33	22216EMKW33	140	33	2.0	8	55,090	55,890	3,700	4,600
	22316EAW33	22316EAKW33	170	58	2.0	10	111,380	107,335	2,700	3,400
	22316EMW33	22316EMKW33	170	58	2.1	10	111,380	107,335	2,700	3,400
85	22217EAW33	22217EAKW33	150	36	2.0	8	66,590	67,790	3,400	4,300
	22217EMW33	22217EMKW33	150	36	2.0	8	66,590	67,790	3,400	4,300
	22317EAW33	22317EAKW33	180	60	3.0	11	123,280	124,280	2,600	3,200
	22317EMW33	22317EMKW33	180	60	3.0	11	123,280	124,280	2,600	3,200



Cylindrical Bore
223B, 223C



Tapered Bore 223BK, 223CK
Taper 1:12

How to Order

1 The suffix D1 means the bearing has lubrication holes and an oil groove. However, for bearing numbers 22330B(K) and over, the suffix D1 is not needed as the lubrication holes and oil groove are standard.
2 For bearings with a blank G dimension, no lubrication holes and oil groove are provided. These features may be added upon request. (Add suffix D1.)

Note: The d dimension for the tapered bore is measured from the side of the bearing with the smallest bore dimension.

Units	Shaft Dia.	Load Rating
Metric	90 - 130 mm	Newton

STANDARD SPHERICAL ROLLER BEARING INSERTS

Shaft Dia. d	Part Number		Nominal Dimensions				Basic Load Rating		Limiting Speed (rpm)	
	Cylindrical	Tapered	D	B	r	G	Dynamic Cr	Static Cor	Grease	Oil
90	22218EAW33	22218EAKW33	160	40.0	2.0	10	79,090	81,910	3,200	4,000
	22218EMW33	22218EMKW33	160	40.0	2.0	10	79,090	81,910	3,200	4,000
	23218EMW33	23218EMKW33	160	52.4	2.0	9	96,240	105,530	2,600	3,200
	22318EAW33	22318EAKW33	190	64.0	3.0	12	137,405	133,980	2,500	3,000
	22318EMW33	22318EMKW33	190	64.0	3.0	12	137,405	133,980	2,500	3,000
95	22219EAW33	22219EAKW33	170	43.0	2.1	10	85,560	85,960	3,000	3,800
	22219EMW33	22219EMKW33	170	43.0	2.0	10	85,560	85,960	3,000	3,800
	22319EAW33	22319EAKW33	200	67.0	3.0	12	150,530	154,350	2,300	2,800
	22319EMW33	22319EMKW33	200	67.0	3.0	12	150,530	154,350	2,300	2,800
100	23120EAW33	23120EAKW33	165	52.0	2.0	8	95,440	115,810	2,400	3,000
	23120EMW33	23120EMKW33	165	52.0	2.0	8	98,860	121,260	2,400	3,000
	22220EAW33	22220EAKW33	180	46.0	2.0	11	97,060	101,890	2,800	3,600
	22220EMW33	22220EMKW33	180	46.0	2.0	11	97,060	101,890	2,800	3,600
	23220EMW33	23220EMKW33	180	60.3	2.1	9	120,660	135,980	2,300	2,900
	22320EAW33	22320EAKW33	215	73.0	3.0	13	170,100	173,725	2,100	2,600
	22320EMW33	22320EMKW33	215	73.0	3.0	13	170,100	173,725	2,100	2,600
110	23022EAW33	23022EAKW33	170	45.0	2.0	8	85,760	106,335	2,600	3,300
	23022EMW33	23022EMKW33	170	45.0	2.0	8	85,760	106,335	2,600	3,300
	23122EAW33	23122EAKW33	180	56.0	2.0	9	112,585	137,605	2,200	2,800
	23122EMW33	23122EMKW33	180	56.0	2.0	9	112,585	137,605	2,200	2,800
	24122EMW33	24122EMK30W33	180	69.0	2.0	8	127,930	158,180	2,200	2,700
	22222EAW33	22222EAKW33	200	53.0	2.1	12	123,880	132,360	2,600	3,300
	22222EMW33	22222EMKW33	200	53.0	2.1	12	123,880	132,360	2,600	3,300
	23222EMW33	23222EMKW33	200	69.8	2.1	11	154,755	178,770	2,100	2,600
	22322EAW33	22322EAKW33	240	80.0	3.0	16	200,770	199,950	2,000	2,400
	22322EMW33	22322EMKW33	240	80.0	3.0	16	200,770	199,950	2,000	2,400
120	23024EAW33	23024EAKW33	180	46.0	2.0	8	91,810	118,830	2,400	3,100
	23024EMW33	23024EMKW33	180	46.0	2.0	8	91,810	118,830	2,400	3,100
	24024EMW33	24024EMK30W33	180	60.0	2.0	8	108,360	149,505	2,100	2,600
	23124EAW33	23124EAKW33	200	62.0	2.0	10	136,405	168,680	2,000	2,500
	23124EMW33	23124EMKW33	200	62.0	2.0	10	136,405	168,680	2,000	2,500
	24124EMW33	24124EMK30W33	200	80.0	2.0	10	155,550	203,795	1,900	2,500
	22224EAW33	22224EAKW33	215	58.0	2.1	12	141,430	154,950	2,400	3,000
	22224EMW33	22224EMKW33	215	58.0	2.1	12	141,430	154,950	2,400	3,000
	23224EMW33	23224EMKW33	215	76.0	2.1	11	176,150	205,800	1,900	2,400
	22324EAW33	22324EAKW33	260	86.0	3.0	18	240,115	264,310	1,800	2,200
	22324EMW33	22324EMKW33	260	86.0	3.0	18	240,115	264,310	1,800	2,200
130	23026EAW33	23026EAKW33	200	52.0	2.0	9	116,210	148,300	2,200	2,900
	23026EMW33	23026EMKW33	200	52.0	2.0	9	116,210	148,300	2,200	2,900
	24026EMW33	24026EMK30W33	200	69.0	2.0	9	140,430	192,500	1,900	2,400
	23126EAW33	23126EAKW33	210	64.0	2.0	10	146,080	186,425	1,900	2,400
	23126EMW33	23126EMKW33	210	64.0	2.0	10	146,080	186,425	1,900	2,400
	24126EMW33	24126EMK30W33	210	80.0	2.0	10	165,250	221,940	1,800	2,400
	22226EAW33	22226EAKW33	230	64.0	3.0	13	166,250	184,820	2,200	2,800
	22226EMW33	22226EMKW33	230	64.0	3.0	13	166,250	184,820	2,200	2,800
	23226EMW33	23226EMKW33	230	80.0	3.0	12	197,120	232,040	1,700	2,300
	22326EAW33	22326EAKW33	280	93.0	4.0	19	272,390	288,530	1,600	2,000
	22326EMW33	22326EMKW33	280	93.0	4.0	19	272,390	288,530	1,600	2,000

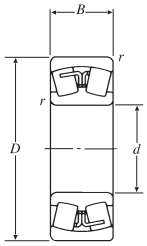
Units	Shaft Dia.	Load Rating
Metric	140 - 170 mm	Newton

How to Order

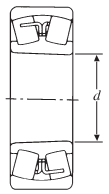
1 The suffix D1 means the bearing has lubrication holes and an oil groove. However, for bearing numbers 22330B(K) and over, the suffix D1 is not needed as the lubrication holes and oil groove are standard.

2 For bearings with a blank G dimension, no lubrication holes and oil groove are provided. These features may be added upon request. (Add suffix D1.)

Note: The d dimension for the tapered bore is measured from the side of the bearing with the smallest bore dimension.



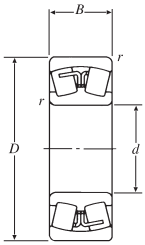
Cylindrical Bore
223B, 223C



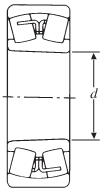
Tapered Bore 223BK, 223CK
Taper 1:12

STANDARD SPHERICAL ROLLER BEARING INSERTS

Shaft Dia. d	Part Number		Nominal Dimensions				Basic Load Rating		Limiting Speed (rpm)	
	Cylindrical	Tapered	D	B	r	G	Dynamic Cr	Static Cor	Grease	Oil
140	23028EAD1	23028EAKD1	210	53	2.0	9	122,880	161,025	2,100	2,700
	23028EMD1	23028EMKD1	210	53	2.0	9	122,880	161,025	2,100	2,700
	24028EMD1	24028EMK30D1	210	69	2.0	9	145,880	203,795	1,800	2,200
	23128EAD1	23128EAKD1	225	68	2.1	11	165,050	211,850	1,800	2,200
	23128EMD1	23128EMKD1	225	68	2.1	11	165,050	211,850	1,800	2,200
	24128EMD1	24128EMK30D1	225	85	2.1	10	195,720	262,310	1,700	2,200
	22228EAD1	22228EAKD1	250	68	3.0	14	187,650	207,820	2,000	2,500
	22228EMD1	22228EMKD1	250	68	3.0	14	187,650	207,820	2,000	2,500
	23228EMD1	23228EMKD1	250	88	3.0	13	234,040	280,460	1,600	2,100
	22328EAD1	22328EAKD1	300	102	4.0	19	316,780	353,100	1,500	1,900
	22328EMD1	22328EMKD1	300	102	4.0	19	316,780	353,100	1,500	1,900
150	23030EAD1	23030EAKD1	225	56	2.1	10	135,780	183,800	2,000	2,500
	23030EMD1	23030EMKD1	225	56	2.1	10	135,780	183,800	2,000	2,500
	24030EMD1	24030EMK30D1	225	75	2.1	10	162,230	234,065	1,700	2,100
	23130EAD1	23130EAKD1	250	80	2.1	13	217,920	278,440	1,600	2,000
	23130EMD1	23130EMKD1	250	80	2.1	13	217,920	278,440	1,600	2,000
	24130EMD1	24130EMK30D1	250	100	2.1	12	244,140	326,855	1,600	2,000
	22230EAD1	22230EAKD1	270	73	3.0	15	221,945	250,190	1,800	2,300
	22230EMD1	22230EMKD1	270	73	3.0	15	221,945	250,190	1,800	2,300
	23230EMD1	23230EMKD1	270	96	3.0	14	276,410	332,930	1,500	1,900
	22330EMD1	22330EMKD1	320	108	4.0	20	359,150	389,420	1,400	1,700
160	23932EMD1	23932EMKD1	220	45	2.0	9	93,610	140,430	1,900	2,400
	23032EAD1	23032EAKD1	240	60	2.1	11	153,950	205,800	1,800	2,300
	23032EMD1	23032EMKD1	240	60	2.1	11	153,950	205,800	1,800	2,300
	24032EMD1	24032EMK30D1	240	80	2.1	10	185,425	266,340	1,600	2,000
	23132EAD1	23132EAKD1	270	86	2.1	14	250,190	326,880	1,500	1,900
	23132EMD1	23132EMKD1	270	86	2.1	14	250,190	326,880	1,500	1,900
	24132EMD1	24132EMK30D1	270	109	2.1	14	280,460	383,370	1,500	1,800
	22232EAD1	22232EAKD1	290	80	3.0	17	250,190	286,510	1,700	2,100
	22232EMD1	22232EMKD1	290	80	3.0	17	250,190	286,510	1,700	2,100
	23232EMD1	23232EMKD1	290	104	3.0	15	318,800	389,420	1,400	1,800
	22332EMD1	22332EMKD1	340	114	4.0	20	401,520	455,990	1,300	1,600
170	23934EMD1	23934EMKD1	230	45	2.0	9	96,240	148,700	1,800	2,300
	23034EAD1	23034EAKD1	260	67	2.1	12	188,050	256,240	1,700	2,200
	23034EMD1	23034EMKD1	260	67	2.1	12	188,050	256,240	1,700	2,200
	24034EMD1	24034EMK30D1	260	90	2.1	11	225,970	328,880	1,500	1,900
	23134EAD1	23134EAKD1	280	88	2.1	14	260,290	349,050	1,400	1,800
	23134EMD1	23134EMKD1	280	88	2.1	14	260,290	349,050	1,400	1,800
	24134EMD1	24134EMK30D1	280	109	2.1	14	290,560	409,590	1,400	1,700
	22234EMD1	22234EMKD1	310	86	4.0	18	288,530	330,900	1,600	2,000
	23234EMD1	23234EMKD1	310	110	4.0	16	349,050	425,740	1,300	1,700
	22334EMD1	22334EMKD1	360	120	4.0	20	453,985	540,750	1,200	1,500



Cylindrical Bore
223B, 223C



Tapered Bore 223BK, 223CK
Taper 1:12

How to Order

1 The suffix D1 means the bearing has lubrication holes and an oil groove. However, for bearing numbers 22330B(K) and over, the suffix D1 is not needed as the lubrication holes and oil groove are standard.
2 For bearings with a blank G dimension, no lubrication holes and oil groove are provided. These features may be added upon request. (Add suffix D1.)

Note: The d dimension for the tapered bore is measured from the side of the bearing with the smallest bore dimension.

Units	Shaft Dia.	Load Rating
Metric	180 - 280 mm	Newton

STANDARD SPHERICAL ROLLER BEARING INSERTS

Shaft Dia. d	Part Number		Nominal Dimensions				Basic Load Rating		Limiting Speed (rpm)	
	Cylindrical	Tapered	D	B	r	G	Dynamic Cr	Static Cor	Grease	Oil
180	23936EMD1	23936EMKD1	250	52	2.0	10	117,830	178,770	1,700	2,100
	23036EAD1	23036EAKD1	280	74	2.1	13	221,945	298,610	1,600	2,000
	23036EMD1	23036EMKD1	280	74	2.1	13	221,945	298,610	1,600	2,000
	24036EMD1	24036EMK30D1	280	100	2.1	13	268,360	387,400	1,400	1,800
	23136EAD1	23136EAKD1	300	96	3.0	15	306,680	403,540	1,300	1,700
	23136EMD1	23136EMKD1	300	96	3.0	15	306,680	403,540	1,300	1,700
	24136EMD1	24136EMK30D1	300	118	3.0	15	341,000	470,130	1,300	1,600
	22236EMD1	22236EMKD1	320	86	4.0	18	298,610	341,000	1,500	1,900
	23236EMD1	23236EMKD1	320	112	4.0	16	369,250	466,085	1,200	1,600
	22336EMD1	22336EMKD1	380	126	4.0	21	498,380	577,070	1,100	1,400
190	23938EMD1	23938EMKD1	260	52	2.0	10	124,080	192,500	1,600	2,000
	23038EAD1	23038EAKD1	290	75	2.1	13	234,040	322,830	1,500	1,900
	23038EMD1	23038EMKD1	290	75	2.1	13	234,040	322,830	1,500	1,900
	24038EMD1	24038EMK30D1	290	100	2.1	13	278,440	411,620	1,300	1,700
	23138EMD1	23138EMKD1	320	104	3.0	17	343,000	464,060	1,200	1,600
	24138EMD1	24138EMK30D1	320	128	3.0	16	391,445	554,870	1,200	1,500
	22238EMD1	22238EMKD1	340	92	4.0	20	332,930	385,370	1,400	1,800
	23238EMD1	23238EMKD1	340	120	4.0	18	409,590	510,480	1,200	1,500
	22338EMD1	22338EMKD1	400	132	5.0	21	534,700	641,630	1,000	1,300
200	23940EMD1	23940EMKD1	280	60	2.1	12	157,580	244,140	1,500	1,900
	23040EMD1	23040EMKD1	310	82	2.1	15	270,360	367,220	1,400	1,800
	24040EMD1	24040EMK30D1	310	109	2.1	14	322,830	470,130	1,200	1,600
	23140EMD1	23140EMKD1	340	112	3.0	18	387,400	516,530	1,100	1,400
	24140EMD1	24140EMK30D1	340	140	3.0	17	439,860	603,290	1,100	1,400
	22240EMD1	22240EMKD1	360	98	4.0	20	371,250	431,790	1,400	1,700
	23240EMD1	23240EMKD1	360	128	4.0	19	464,060	585,140	1,100	1,300
	22340EMD1	22340EMKD1	420	138	5.0	21	583,120	726,370	950	1,200
220	23944EMD1	23944EMKD1	300	60	2.1	12	162,430	258,265	1,400	1,700
	23044EMD1	23044EMKD1	340	90	3.0	15	314,760	433,810	1,300	1,600
	24044EMD1	24044EMK30D1	340	118	3.0	15	381,350	560,920	1,100	1,400
	23144EMD1	23144EMKD1	370	120	4.0	19	449,940	605,315	1,000	1,300
	24144EMD1	24144EMK30D1	370	150	4.0	19	522,580	744,520	1,000	1,300
	22244EMD1	22244EMKD1	400	108	4.0	21	453,985	552,850	1,200	1,500
	23244EMD1	23244EMKD1	400	144	4.0	20	595,220	788,910	1,000	1,200
240	23948EMD1	23948EMKD1	320	60	2.1	12	167,675	278,440	1,300	1,600
	23048EMD1	23048EMKD1	360	92	3.0	16	334,930	484,260	1,100	1,400
	24048EMD1	24048EMK30D1	360	118	3.0	16	399,495	613,390	1,000	1,300
	23148EMD1	23148EMKD1	400	128	4.0	20	516,530	720,320	960	1,200
	24148EMD1	24148EMK30D1	400	160	4.0	19	599,265	883,750	960	1,200
260	23952EMD1	23952EMKD1	360	75	2.1	14	232,040	399,495	1,100	1,400
	23052EMD1	23052EMKD1	400	104	4.0	18	423,715	599,260	1,000	1,300
	24052EMD1	24052EMK30D1	400	140	4.0	18	518,550	786,910	960	1,200
280	23956EMD1	23956EMKD1	380	75	2.1	14	242,120	421,690	1,000	1,300
	23056EMD1	23056EMKD1	420	106	4.0	18	445,910	647,680	960	1,200
	24056EMD1	24056EMK30D1	420	140	4.0	18	538,725	835,330	880	1,100

Agricultural machinery requires better seals for contaminated conditions, provisions for misalignment, and economical mountings for shafts and housings. NTN offers bearings for disc harrows, planters, mowers, rakes, all types of balers, tillage, seeding and forage harvester equipment, combines, cotton pickers/stripers, and other agricultural equipment like silo unloaders and grain elevators.

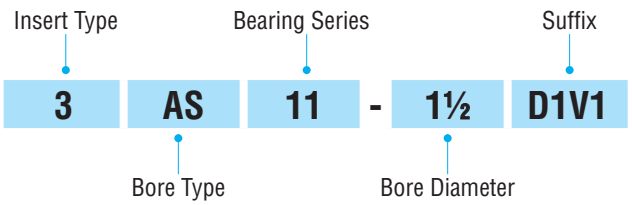
Agricultural Segments Served:
Produce Processing, Grain Crop Mechanization, Livestock Machinery and Other Related Applications

Table of Contents

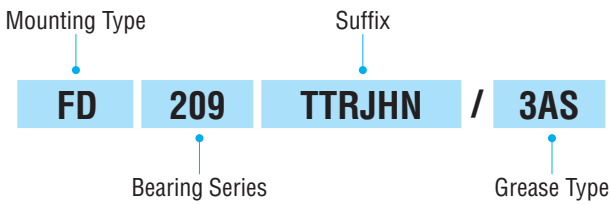
BCA Flanged Disc Units 248
BCA Rubber Mounted Disc Harrow Bearings 249
1AS-7AS Square Bore Insert Bearings 250
1AC-7AC Round Bore Insert Bearings 251
1AH-3AH Hex Bore Insert Bearings 252

AGRICULTURAL BEARING – NUMBERING SYSTEM

Insert Bearings



Mounted Bearing Units



INSERT TYPE
Prefix is dependent on bore type.

BORE TYPE

AC	Round bore
AH	Hexagonal bore
AS	Square bore

UNIT TYPE

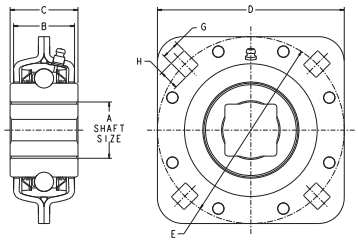
FD	Flanged disc unit
CDS	Rubber mounted disc harrow bearing

SUFFIX

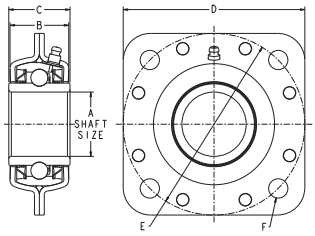
C3	C3 radial clearance
D1	Relubrication feature (insert bearing)
R	Relubrication feature (mounted insert bearing)
TT	Triple lip seals on both sides
N	Nylon cage
Others	Contact engineering for special details

GREASE TYPE

2AS	Shell Alvania S2 grease
3AS	Shell Alvania S3 grease



Square Bore



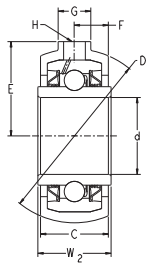
Round Bore

Units	Shaft Dia.
Standard	1⅛ - 2³⁄₁₆ in

BCA® FLANGED DISC UNIT SERIES

Shaft Size A	Part Number	Bore Type	Nominal Dimensions						
			Housing Width	Inner Ring Width	Square	Bolt Circle Dia.	Bolt Hole Dia.	Bolt Hole Width	Bolt Length
			B	C	D	E	F	G	H
1⅛ SQ	**FD209TTRMN/3AS**	Square	1.640	1.687	5.000	5.000	–	0.531	0.687
1⅛ SQ	**FD210TTRN/3AS**	Square	1.750	1.750	5.000	5.000	0.531	–	–
1¼ SQ	**FD209TTRKN/3AS**	Square	1.640	1.687	5.000	5.000	–	0.531	0.687
1½ RD	**FD209TTREN/3AS**	Round	1.640	1.687	5.000	5.000	–	0.531	0.687
1½ SQ	**FD211TTRMN/3AS**	Square	1.799	2.000	5.500	5.500	–	0.531	0.594
1¾ RD	**FD209TTRJN/3AS**	Round	1.640	1.687	5.000	5.000	0.531	–	–
1¾ RD	**FD209TTRJAN/3AS**	Round	1.640	1.687	5.000	5.000	0.531	–	–
1¾ RD	**FD209TTRJHN/3AS**	Round	1.640	1.687	5.000	5.000	–	0.531	0.687
1¾ RD	**FD211TTREAN/3AS**	Round	1.799	2.187	5.500	5.500	0.531	–	–
1¾ H	**FD211TTRKBN/3AS**	Hex	1.799	2.188	5.500	5.500	0.531	–	–
1¹⁵⁄₁₆ RD	**FD211TTRKAN/3AS**	Round	1.799	2.187	5.500	5.500	0.531	–	–
1¹⁵⁄₁₆ RDC	**FD211TTRJAN/3AS**	Round with Cam	1.799	2.125	5.500	5.500	0.531	–	–
1³⁷⁄₆₄ SQ*	**FD211TTRPN/3AS**	Square	1.799	2.000	5.500	5.500	0.531	–	–
2³⁄₁₆ RD	**FD211TTRBAN/3AS**	Round	1.799	2.187	5.500	5.500	0.531	–	–

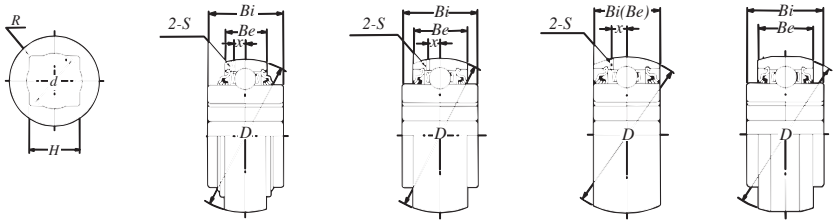
*__Note:__ Shaft size is rounded to nearest 1/64 inch. Decimal equivalent is 1.575".



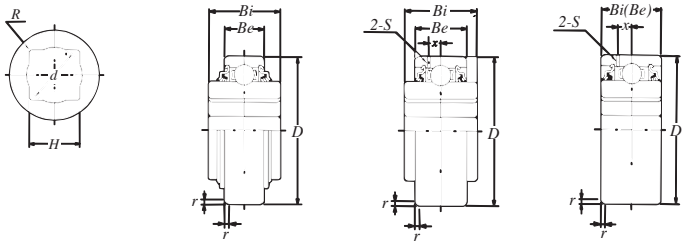
Units	Shaft Dia.
Standard	1½ - 1¾ in

BCA® RUBBER MOUNTED DISC SERIES

Shaft Size d	Part Number	Bore Type	Nominal Dimensions						
			Inner Ring Width	Housing Width	Housing O.D.	Housing Relube Hole Radius	Relube Hole Center Distance	Housing Relube Hole Width	Housing Relube Hole Diameter
			W_2	C	D	E	F	G	H
1½ RD	**CDS209TTR6PNC3/3AS**	Round	1.686	1.560	4.000	2.170	0.780	0.750	0.500
1½ SQ	**CDS211TTR23AN/2AS**	Square	2.000	1.760	4.438	2.375	0.880	0.750	0.500
1¾ RD	**CDS209TTR6PBNC3/2AS**	Round	1.686	1.560	4.000	2.170	0.780	0.750	0.500
1¾ RD	**CDS211TTR23N/3AS**	Round	2.125	1.760	4.438	2.375	0.880	0.750	0.500
1¾ RD	**CDS211TTR25N/3AS**	Round	2.653	1.760	4.438	2.375	0.880	0.750	0.500



Type 1 Type 2 Type 3 Type 4



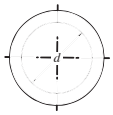
Type 5 Type 6 Type 7

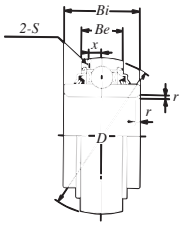
Units	Shaft Dia.	Load Rating
Standard	7/8 - 2 in	Lbs

HEAVY DUTY DISC BEARING INSERTS – SQUARE BORE SERIES

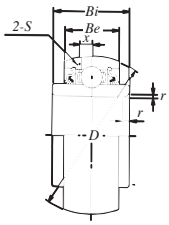
Shaft Size H	Part Number	Type	Square Bore	Nominal Dimensions								Basic Load Ratings	
				Maximum		Outside Dia.	Ring Widths					Dynamic Cr	Static Cor
				d	R	D	Be	Bi	r	s	x		
SPHERICAL OD STYLE													
7/8	**4AS08-7/8**	4	0.905	0.961	0.089	3.438/3.437	1.189	1.437	–	–	–	6,500	4,000
1	**1AS08-1**	1	1.030	1.094	0.089	3.149/3.149	0.709	1.437	–	–	–	6,500	4,000
1	**2AS08-1**	2	1.030	1.094	0.089	3.149/3.149	1.189	1.437	–	–	–	6,500	4,000
1	**4AS08-1**	4	1.030	1.094	0.089	3.438/3.437	1.189	1.437	–	–	–	6,500	4,000
1 1/8	**1AS08-1.1/8**	1	1.180	1.236	0.089	3.149/3.149	0.709	1.437	–	–	–	6,500	4,000
1 1/8	**2AS08-1.1/8**	2	1.180	1.236	0.089	3.149/3.149	1.189	1.437	–	–	–	6,500	4,000
1 1/8	**2AS08-1.1/8D1**	2	1.180	1.236	0.089	3.149/3.149	1.189	1.437	–	0.087	0.260	6,500	4,000
1 1/8	**2AS10-1.1/8**	2	1.180	1.236	0.089	3.543/3.542	1.189	1.437	–	–	–	7,900	5,200
1 1/8	**3AS10-1.1/8**	3	1.180	1.236	0.089	3.543/3.542	1.189	1.189	–	–	–	7,900	5,200
1 1/8	**4AS08-1.1/8**	4	1.180	1.236	0.089	3.438/3.437	1.189	1.437	–	–	–	6,500	4,000
1 5/32	**1AS08-1.5/32D1**	1	1.181	1.252	0.089	3.149/3.149	0.827	1.437	–	0.087	0.260	6,500	4,000
1 1/4	**2AS09-1.1/4D1**	2	1.290	1.370	0.089	3.346/3.345	1.189	1.437	–	0.087	0.264	7,350	4,600
1 1/4	**4AS09-1.1/4**	4	1.290	1.370	0.089	3.442/3.434	1.189	1.437	–	–	–	7,350	4,600
1 1/2	**1AS11-1.1/2D1**	1	1.531	1.622	0.089	3.937/3.936	0.984	1.750	–	0.098	0.299	9,750	6,550
1 1/2	**3AS11-1.1/2**	3	1.531	1.622	0.089	3.937/3.936	1.311	1.311	–	–	–	9,750	6,550
1 1/2	**3AS11-1.1/2D1**	3	1.531	1.622	0.089	3.937/3.936	1.311	1.311	–	0.098	0.299	9,750	6,550
1 1/2	**4AS11-1.1/2**	4	1.531	1.622	0.089	4.125/4.120	1.437	1.750	–	–	–	9,750	6,550
2	**3AS14-2D1**	3	2.055	2.161	0.157	4.921/4.920	1.563	1.563	–	0.118	0.370	14,000	9,900
CYLINDRICAL OD STYLE													
1 1/8	**5AS08-1.1/8**	5	1.180	1.236	0.089	3.149/3.149	0.709	1.437	0.079	–	–	6,550	4,000
1 1/8	**6AS08-1.1/8D1**	6	1.180	1.236	0.089	3.149/3.149	1.189	1.437	0.079	0.087	0.264	6,550	4,000
1 1/8	**7AS10-1.1/8D1**	7	1.180	1.236	0.089	3.543/3.542	1.189	1.189	0.079	0.870	0.264	7,900	5,200
1 1/4	**6AS09-1.1/4**	6	1.290	1.370	0.089	3.346/3.345	1.189	1.437	0.079	–	–	7,350	4,600
1 1/4	**6AS09-1.1/4D1**	6	1.290	1.370	0.089	3.346/3.345	1.189	1.437	0.079	0.087	0.260	7,350	4,600
1 1/2	**6AS11-1.1/2V1**	6	1.531	1.622	0.089	4.000/3.999	1.437	1.750	0.098	–	–	9,750	6,550
1 1/2	**7AS11-1.1/2**	7	1.531	1.622	0.089	3.937/3.936	1.311	1.311	0.098	–	–	9,750	6,550
1 1/2	**7AS11-1.1/2D1**	7	1.531	1.622	0.089	3.937/3.936	1.311	1.311	0.098	0.098	0.299	9,750	6,550

Note: Contact NTN Engineering for limiting speeds.

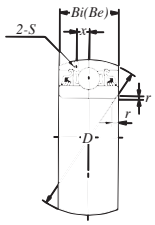




Type 1

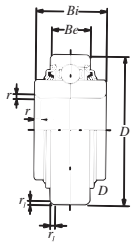


Type 2

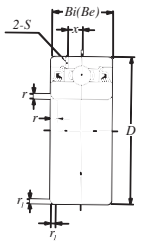


Type 3





Type 5



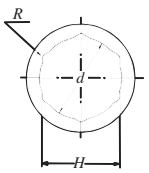
Type 7

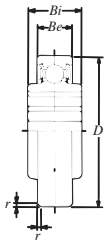
Units	Shaft Dia.	Load Rating
Standard	1.188 - 2.188 in	Lbs

HEAVY DUTY DISC BEARING INSERTS – ROUND BORE SERIES

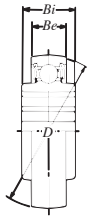
Shaft Dia. d	Part Number	Type	Nominal Dimensions							Basic Load Ratings	
			Outside Dia.	Ring Widths							
			D	Be	Bi	r	r_1	s	x	Dynamic Cr	Static Cor
SPHERICAL OD STYLE											
1.188/1.187	**1AC08-1.3/16**	1	3.149/3.149	0.709	1.189	0.079	–	–	–	6,550	4,000
1.500/1.500	**2AC08-1.1/2D1**	2	3.149/3.149	1.189	1.689	0.079	–	0.087	0.260	6,550	4,000
1.535/1.525	**3AC09-1.1/2**	3	3.346/3.345	1.189	1.189	0.079	–	–	–	7,350	4,600
1.535/1.525	**3AC09-1.1/2D1**	3	3.346/3.345	1.189	1.189	0.079	–	0.087	0.264	7,350	4,600
1.771/1.771	**3AC09**	3	3.346/3.345	1.189	1.189	0.079	–	–	–	7,350	4,600
1.771/1.771	**3AC09D1**	3	3.346/3.345	1.189	1.189	0.079	–	0.087	0.284	7,350	4,600
1.777/1.771	**1AC09D1V1**	1	3.346/3.345	0.866	1.437	0.079	–	0.087	0.264	7,350	4,600
1.785/1.775	**3AC10-1.3/4**	3	3.543/3.542	1.189	1.189	0.079	–	–	–	7,900	5,200
1.785/1.775	**3AC10-1.3/4D1**	3	3.543/3.542	1.189	1.189	0.079	–	0.087	0.264	7,900	5,200
1.938/1.937	**3AC10-1.15/16**	3	3.543/3.542	1.189	1.189	0.079	–	–	–	7,900	5,200
1.938/1.937	**3AC10-1.15/16D1**	3	3.543/3.542	1.189	1.189	0.079	–	0.087	0.264	7,900	5,200
2.188/2.187	**3AC11-2.3/16**	3	3.937/3.936	1.311	1.311	0.098	–	–	–	9,750	6,550
2.188/2.187	**3AC11-2.3/16D1**	3	3.937/3.936	1.311	1.311	0.098	–	0.098	0.299	9,750	6,550
2.193/2.188	**1AC11-2.3/16D1V1**	1	3.937/3.936	0.984	1.563	0.098	–	0.098	0.299	9,750	6,550
2.755/2.755	**3AC14D1**	3	4.921/4.920	1.563	1.563	0.098	–	0.118	0.370	14,000	9,900
CYLINDRICAL OD STYLE											
1.938/1.937	**5AC10-1.15/16**	5	3.543/3.542	0.787	1.937	0.079	0.079	–	–	7,900	5,200
1.938/1.937	**7AC10-1.15/16**	7	3.543/3.542	1.189	1.189	0.079	0.079	–	–	7,900	5,200
2.188/2.187	**7AC11-2.3/16D1**	7	3.937/3.936	1.311	1.311	0.098	0.098	0.098	0.299	9,750	6,550

Note: Contact NTN Engineering for limiting speeds.

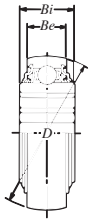




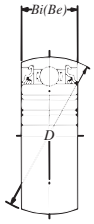
Type 1



Type 2



Type 2...V2



Type 3...V2

Units	Shaft Dia.	Load Rating
Standard	11/16 - 1 5/8 in	Lbs

HEAVY DUTY DISC BEARING INSERTS – HEX BORE SERIES

Shaft Size H	Part Number	Type	Square Bore	Nominal Dimensions						Basic Load Ratings	
				Maximum		Outside Dia.	Ring Widths ±.005			Dynamic Cr	Static Cor
				d	R	D	Be	Bi	r		
SPHERICAL OD STYLE											
7/8	**2AH05-7/8**	2	0.876	0.898	0.010	2.047/2.046	0.591	1.000	–	3,150	1,770
1	**2AH06-1**	2	1.001	1.028	0.010	2.440/2.440	0.630	0.945	–	4,400	2,540
1 1/8	**2AH07-1.1/8**	2	1.126	1.154	0.010	2.834/2.834	0.669	1.484	–	5,750	3,450
1 1/4	**2AH08-1.1/4V2**	2	1.260	1.287	0.010	3.149/3.149	0.709	1.437	–	6,550	4,000
1 1/2	**2AH09-1.1/2**	2	1.501	1.535	0.010	3.346/3.345	0.748	1.181	–	7,350	4,600
1 5/8	**3AH10-1.5/8V2**	3	1.626	1.665	0.010	3.543/3.542	1.189	1.189	–	7,900	5,200
CYLINDRICAL OD STYLE											
11/16	**1AH04-11/16**	1	0.695	0.713	0.010	1.850/1.849	0.551	0.827	0.059	2,890	1,500
7/8	**1AH05-7/8**	1	0.876	0.898	0.010	2.047/2.046	0.591	1.000	0.059	3,150	1,770
1	**1AH06-1**	1	1.001	1.028	0.010	2.440/2.440	0.630	0.945	0.059	4,400	2,540

Note: Contact NTN Engineering for limiting speeds.

Keep equipment running right! NTN offers a diverse array of solutions that go beyond bearing unit design:

- Ends caps are available for both thermoplastic and stainless steel bearing units to help shield against liquid contamination
- Installation and removal tools help you handle a variety of maintenance needs; they pair perfectly with NTN bearings, as well as existing components
- Single-point automatic lubricators reliably deliver the correct amount of lubricant – at the right spot, on time, every time

Table of Contents

H2 Adapter 254
H3 Adapter 255
H23 Adapter 256
H31 Adapter 257
Locknuts & Lockwashers 258-261

End Caps

Thermoplastic 262
Stainless Steel 263

Lubricators

Single Point 264-266

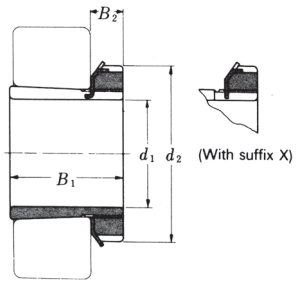
Installation Tools

Tool Kit 267
Adjustable Spanners 267
Heaters 268

Removal Tools

Pullers 269-270





Notes: 1. The adapter number denotes the complete assembly of adapter sleeve, locknut and lockwasher/lockplate.
2. Suffix X denotes the narrow slot type of adapter sleeve. The straight inner tab type of lockwasher (also denoted by suffix X) should be used with the sleeve.
3. Suffix Y denotes a non–standard thread. This is necessary in certain cases because of the thin section of the sleeve.

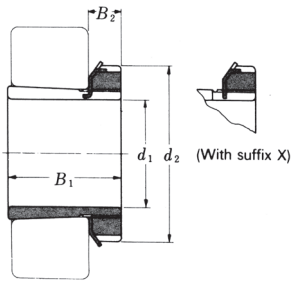
Units	
Metric	mm
Standard	inches

SERIES 2 ADAPTER

Adapter No.				d1				B1		d2	B2
H	HE	HS	HA	H	HE	HS	HA	mm	in		
H204	–	–	–	17	–	–	–	24	0.945	32	7
H205X	HE205	–	–	20	¾	–	–	26	1.024	38	8
H206X	HE206	HS206	HA206	25	1	⅞	15⁄16	27	1.063	45	8
H207X	–	HS207	HA207X	30	–	1⅛	1 3⁄16	29	1.142	52	9
H208X	HE208X	HS208X	HA208X	35	1¼	1⅜	1 5⁄16	31	1.220	58	10
H209X	HE209X	HS209	HA209	40	1½	1⅝	1 7⁄16	33	1.299	65	11
H210X	HE210X	HS210	HA210	45	1¾	1⅝	1 11⁄16	35	1.378	70	12
H211X	HE211XY	HS211	HA211	50	2	1⅞	1 15⁄16	37	1.457	75	12
H212X	–	HS212	–	55	–	2⅛	–	38	1.496	80	13
H213X	HE213X	HS213	HA213	60	2¼	2⅜	2 3⁄16	40	1.575	85	14
H215X	HE215X	–	HA215	65	2½	–	2 7⁄16	43	1.693	98	15
H216X	HE216X	–	HA216	70	2¾	–	2 11⁄16	46	1.811	105	17
H217X	HE217X	–	HA217X	75	3	–	2 15⁄16	50	1.969	110	18
H218X	–	–	HA218	80	–	–	3 3⁄16	52	2.047	120	18
H219X	HE219X	–	–	85	3¼	–	–	55	2.165	125	19
H220X	HE220X	–	HA220	90	3½	–	3 7⁄16	58	2.283	130	20
H222X	HE222X	–	HA222X	100	4	–	3 15⁄16	63	2.480	145	21

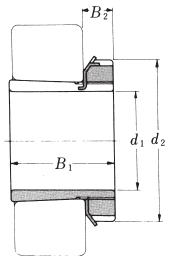
Units	
Metric	mm
Standard	inches

Notes: 1. The adapter number denotes the complete assembly of adapter sleeve, locknut and lockwasher/lockplate.
2. Suffix X denotes the narrow slot type of adapter sleeve. The straight inner tab type of lockwasher (also denoted by suffix X) should be used with the sleeve.
3. Suffix Y denotes a non–standard thread. This is necessary in certain cases because of the thin section of the sleeve.

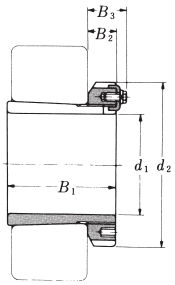


SERIES 3 ADAPTER

Adapter No.				d1				B1		d2	B2
H	HE	HS	HA	H	HE	HS	HA	mm	in		
H304	–	–	–	17	–	–	–	28	1.102	32	7
H305X	HE305	–	–	20	¾	–	–	29	1.142	38	8
H306X	HE306X	HS306	HA306	25	1	⅞	15⁄16	31	1.220	45	8
H307X	–	HS307	HA307X	30	–	1⅛	1 3⁄16	35	1.378	52	9
H308X	HE308X	HS308X	HA308X	35	1¼	1⅜	1 5⁄16	36	1.417	58	10
H309X	HE309X	HS309	HA309	40	1½	1⅝	1 7⁄16	39	1.535	65	11
H310X	HE310X	HS310	HA310	45	1¾	1⅝	1 11⁄16	42	1.654	70	12
H311X	HE311XY	HS311	HA311	50	2	1⅞	1 15⁄16	45	1.772	75	12
H312X	–	HS312	–	55	–	2⅛	–	47	1.850	80	13
H313X	HE313X	HS313	HA313	60	2¼	2⅜	2 3⁄16	50	1.969	85	14
H315X	HE315X	–	HA315	65	2½	–	2 7⁄16	55	2.165	98	15
H316X	HE316X	–	HA316	70	2¾	–	2 11⁄16	59	2.323	105	17
H317X	HE317X	–	HA317X	75	3	–	2 15⁄16	63	2.480	110	18
H318X	–	–	HA318	80	–	–	3 3⁄16	65	2.559	120	18
H319X	HE319X	–	–	85	3¼	–	–	68	2.677	125	19
H320X	HE320X	–	HA320	90	3½	–	3 7⁄16	71	2.795	130	20
H322X	HE322X	–	HA322X	100	4	–	3 15⁄16	77	3.031	145	21



$d_1 \leqq 180$mm



$d_1 \geqq 200$mm

Notes: 1. The adapter number denotes the complete assembly of adapter sleeve, locknut and lockwasher/lockplate.
2. Suffix X denotes the narrow slot type of adapter sleeve. The straight inner tab type of lockwasher (also denoted by suffix X) should be used with the sleeve.
3. Suffix Y denotes a non–standard thread. This is necessary in certain cases because of the thin section of the sleeve.

Units	
Metric	mm
Standard	inches

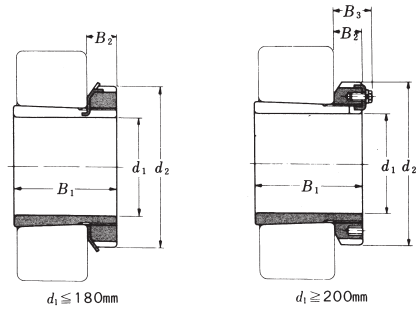
SERIES 23 ADAPTER

Adapter No.				d1				B1		d2	B2	B3*
H	HE	HS	HA	H	HE	HS	HA	mm	in			
H2304	–	–	–	17	–	–	–	31	1.102	32	7	–
H2305X	HE2305	–	–	20	¾	–	–	35	1.142	38	8	–
H2306X	HE2306X	HS2306	–	25	1	⅞	–	38	1.220	45	8	–
H2307X	–	HS2307	–	30	–	1⅛	–	43	1.378	52	9	–
H2308X	HE2308X	HS2308X	–	35	1¼	1⅜	–	46	1.417	58	10	–
H2309X	HE2309X	HS2309X	HA2309	40	1½	1⅝	1 7/16	50	1.535	65	11	–
H2310X	HE2310X	HS2310	HA2310	45	1¾	1⅝	1 11/16	55	1.654	70	12	–
H2311X	HE2311XY	HS2311	HA2311	50	2	1⅞	1 15/16	59	1.772	75	12	–
H2312X	–	HS2312	–	55	–	2⅛	–	62	1.850	80	13	–
H2313X	HE2313X	HS2313X	HA2313	60	2¼	2⅜	2 3/16	65	1.969	85	14	–
H2315X	HE2315X	–	HA2315	65	2½	–	2 7/16	73	2.165	98	15	–
H2316X	HE2316X	–	HA2316	70	2¾	–	2 11/16	78	2.323	105	17	–
H2317X	HE2317X	–	HA2317X	75	3	–	2 15/16	82	2.480	110	18	–
H2318X	–	–	HA2318	80	–	–	3 3/16	86	2.559	120	18	–
H2319X	HE2319X	–	–	85	3¼	–	–	90	2.677	125	19	–
H2320X	HE2320X	–	HA2320	90	3½	–	3 7/16	97	2.795	130	20	–
H2322X	HE2322X	–	HA2322X	100	4	–	3 15/16	105	3.031	145	21	–
H2324X	HE2324	–	HA2324	110	4¼	–	4 3/16	112	4.409	155	22	–
H2326	HE2326	–	HA2326	115	4½	–	4 7/16	121	4.764	165	23	–
H2328	HE2328	–	HA2328	125	5	–	4 15/16	131	5.157	180	24	–
H2330	HE2330	–	HA2330	135	5¼	–	5 3/16	139	5.472	195	26	–
H2332	HE2332	–	HA2332	140	5½	–	5 7/16	147	5.787	210	28	–
H2334	HE2334	–	HA2334	150	6	–	5 15/16	154	6.063	220	29	–
H2336	HE2336	–	HA2336	160	6¼	–	6 7/16	161	6.339	230	30	–
H2338	HE2338	–	HA2338	170	6½	–	6 15/16	169	6.654	240	31	–
H2340	HE2340	–	HA2340	180	7	–	7 3/16	176	6.929	250	32	–
H2344	–	–	–	200	–	–	–	183	7.205	280	32	44
H2348	–	–	–	220	–	–	–	196	7.717	300	34	46
H2352	–	–	–	240	–	–	–	208	8.189	330	36	49
H2356	–	–	–	260	–	–	–	221	8.701	350	38	51

*Adapters with the dimension B3 have a locking device as shown in the right illustration.

Units	
Metric	mm
Standard	inches

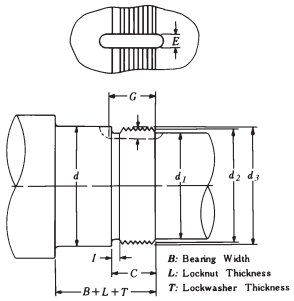
Notes: 1. The adapter number denotes the complete assembly of adapter sleeve, locknut and lockwasher/lockplate.
2. Suffix X denotes the narrow slot type of adapter sleeve. The straight inner tab type of lockwasher (also denoted by suffix X) should be used with the sleeve.

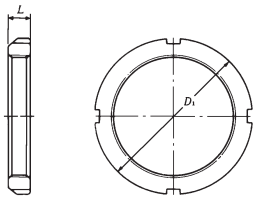


SERIES 31 ADAPTER

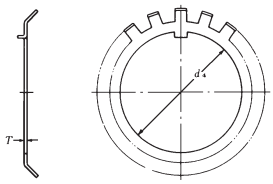
Adapter No.			d1			B1		d2	B2	B3*
H	HE	HA	H	HE	HA	mm	in			
H3122X	HE3122X	HA3122	100	4	3 15/16	81	3.189	145	21	–
H3124X	HE3124X	HA3124	110	4 1/4	4 3/16	88	3.465	155	22	–
H3126	HE3126	HA3126	115	4 1/2	4 7/16	92	3.622	165	23	–
H3128	HE3128	HA3128	125	5	4 15/16	97	3.819	180	24	–
H3130	HE3130	HA3130	135	5 1/4	5 3/16	111	4.370	195	26	–
H3132	HE3132	HA3132	140	5 1/2	5 7/16	119	4.685	210	28	–
H3134	HE3134	HA3134	150	6	5 15/16	122	4.803	220	29	–
H3136	HE3136	HA3136	160	6 1/4	6 7/16	131	4.157	230	30	–
H3138	HE3138	HA3138	170	6 1/2	6 15/16	141	5.551	240	31	–
H3140	HE3140	HA3140	180	7	7 3/16	150	5.906	250	32	–
H3144	–	HA3144	200	–	7 15/16	158	6.220	280	32	44
H3148	–	–	220	–	–	169	6.654	300	34	46
H3152	–	–	240	–	–	187	7.362	330	36	49
H3156	–	–	260	–	–	192	7.559	350	38	51
H3160	–	–	280	–	–	208	8.189	380	40	53
H3164	–	–	300	–	–	226	8.898	400	42	56
H3168	–	–	320	–	–	254	10.000	440	55	72
H3172	–	–	340	–	–	259	10.197	460	58	75
H3176	–	–	360	–	–	264	10.394	490	60	77
H3180	–	–	380	–	–	272	10.709	520	62	82
H3184	–	–	400	–	–	304	11.969	540	70	90
H3188	–	–	410	–	–	307	12.087	560	70	90
H3192	–	–	430	–	–	326	12.835	580	75	95
H3196	–	–	450	–	–	335	13.189	620	75	95
H31/500	–	–	470	–	–	356	14.016	630	80	100

*Adapters with the dimension B3 have a locking device as shown in the right illustration.





Locknut



Lockwasher

Units	Shaft Dia.
Metric	25 - 220 mm
Standard	⅞ - 8 5⁄16 in

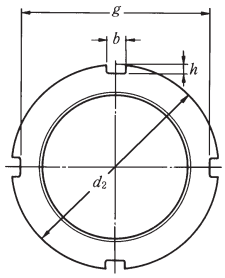
LOCKNUTS AND LOCKWASHERS – INCH SERIES

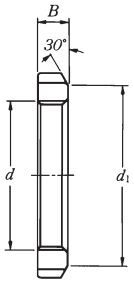
For Bearing with this Bore Number	Locknut Number	Lockwasher Number	Shaft Dimensions					
			d Nominal		d3 Thread OD		d2 Thread Pitch Dia.	
			mm	in	Maximum	Tolerance +.0000	Maximum	Tolerance +.0000
05	N05	W05	25	0.984	0.969	–0.0054	0.949	–0.0034
06	N06	W06	30	1.811	1.173	–0.0082	1.137	–0.0040
07	N07	W07	35	1.378	1.376	–0.0082	1.340	–0.0040
08	N08	W08	40	1.575	1.563	–0.0082	1.527	–0.0045
09	N09	W09	45	1.772	1.767	–0.0082	1.731	–0.0045
10	N10	W10	50	1.969	1.967	–0.0082	1.931	–0.0045
11	N11	W11	55	2.165	2.157	–0.0082	2.121	–0.0051
12	N12	W12	60	2.362	2.360	–0.0082	2.324	–0.0051
13	N13	W13	65	2.559	2.548	–0.0082	2.512	–0.0051
14	N14	W14	70	2.756	2.751	–0.0082	2.715	–0.0051
15	AN15	W15	75	2.953	2.933	–0.0112	2.879	–0.0054
16	AN16	W16	80	3.150	3.137	–0.0112	3.083	–0.0059
17	AN17	W17	85	3.347	3.340	–0.0112	3.286	–0.0074
18	AN18	W18	90	3.543	3.527	–0.0112	3.473	–0.0074
19	AN19	W19	95	3.740	3.730	–0.0112	3.676	–0.0074
20	AN20	W20	100	3.937	3.918	–0.0112	3.864	–0.0074
21	AN21	W21	105	4.134	4.122	–0.0112	4.068	–0.0083
22	AN22	W22	110	4.331	4.325	–0.0112	4.271	–0.0083
24	AN24	W24	120	4.724	4.716	–0.0112	4.662	–0.0083
26	AN26	W26	130	5.118	5.106	–0.0112	5.052	–0.0083
28	AN28	W28	140	5.512	5.497	–0.0112	5.443	–0.0083
30	AN30	W30	150	5.906	5.888	–0.0112	5.834	–0.0083
32	AN32	W32	160	6.299	6.284	–0.0152	6.203	–0.0091
34	AN34	W34	170	6.693	6.659	–0.0152	6.578	–0.0091
36	AN36	W36	180	7.087	7.066	–0.0152	6.985	–0.0091
38	AN38	W38	190	7.480	7.472	–0.0152	7.391	–0.0091
40	AN40	W40	200	7.874	7.847	–0.0152	7.766	–0.0114
44	N44	W44	220	8.661	8.628	–0.0152	8.547	–0.0121

Threads are derived from the Screw Thread Standards for Federal Services Handbook H–28.
Tolerance: +1/64 to –0 inch

LOCKNUTS AND LOCKWASHERS – INCH SERIES (continued)

Shaft Dimensions						Locknut Dimensions		Lockwasher Dimensions		For Bearing with this Bore Number
Threads per Inch	d1	C	G	I	E	D1	L	T	d4	
32	7/8	15/32	19/32	1/16	3/16	1 9/16	13/32	0.050	1	05
18	1 1/16	15/32	19/32	3/32	3/16	1 3/4	13/32	0.050	1 13/64	06
18	1 1/4	1/2	5/8	3/32	3/16	2 1/16	7/16	0.050	1 13/32	07
18	1 15/32	17/32	21/32	3/32	5/16	2 1/4	7/16	0.058	1 19/32	08
18	1 11/16	17/32	11/16	1/8	5/16	2 17/32	7/16	0.058	1 3/16	09
18	1 7/8	19/32	3/4	1/8	5/16	2 11/16	1/2	0.058	2	10
18	2 1/16	19/32	3/4	1/8	5/16	2 31/32	1/2	0.063	2 3/16	11
18	2 1/4	5/8	25/32	1/8	5/16	3 5/32	17/32	0.063	2 13/32	12
18	2 7/16	21/32	13/16	1/8	5/16	3 3/8	9/16	0.063	2 19/32	13
18	2 5/8	21/32	29/32	1/8	5/16	3 5/8	9/16	0.063	2 13/16	14
12	2 25/32	11/16	15/16	5/32	5/16	3 7/8	19/32	0.072	3	15
12	3	11/16	15/16	5/32	3/8	4 5/32	19/32	0.072	3 3/16	16
12	3 3/16	23/32	31/32	5/32	3/8	4 13/32	5/8	0.072	3 13/32	17
12	3 3/8	13/16	1 1/16	5/32	3/8	4 21/32	11/16	0.094	3 19/32	18
12	3 9/16	27/32	1 3/32	5/32	3/8	4 15/16	23/32	0.094	3 13/16	19
12	3 25/32	7/8	1 3/16	5/32	3/8	5 3/16	3/4	0.094	4	20
12	3 15/16	7/8	1 3/16	5/32	3/8	5 7/16	3/4	0.094	4 7/32	21
12	4 3/16	29/32	1 7/32	5/32	3/8	5 23/32	25/32	0.125	4 13/32	22
12	4 9/16	15/16	1 1/4	5/32	3/8	6 1/8	13/16	0.125	4 13/16	24
12	4 15/16	1	1 5/16	5/32	1/2	6 3/4	7/8	0.125	5 7/32	26
12	5 5/16	1 1/16	1 3/8	5/32	5/8	7 3/32	15/16	0.125	5 19/32	28
12	5 23/32	1 1/8	1 1/2	5/32	5/8	7 11/16	31/32	0.156	6	30
8	6 1/8	1 3/16	1 9/16	1/4	5/8	8 1/16	1 1/32	0.156	6 13/32	32
8	6 1/2	1 7/32	1 19/32	1/4	3/4	8 21/32	1 1/16	0.156	6 25/32	34
8	6 29/32	1 1/4	1 5/8	1/4	3/4	9 1/16	1 3/32	0.156	7 3/16	36
8	7 5/16	1 9/32	1 21/32	1/4	3/4	9 15/32	1 1/8	0.156	7 19/32	38
8	7 11/16	1 11/32	1 23/32	1/4	7/8	9 27/32	1 3/16	0.156	8	40
8	8 5/16	1 3/8	1 9/16	1/4	1 1/16	11	1 1/4	0.156	8 45/64	44

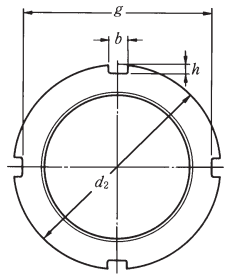


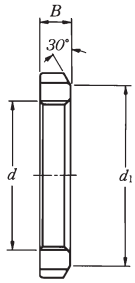


Units	Shaft Dia.
Metric	10 - 145 mm

LOCKNUTS AND LOCKWASHERS – METRIC SERIES

For Bearing with this Bore Number	Locknut Number	Lockwasher Number	Thread Size d	Threads per mm	Dimensions						Shaft Diameter
					d1	d2	g	b	h	B	
–	KM00	AW00	M10 X 75	0.75	13	18	14	3	2	4	10
–	KM01	AW01	M12 X 1	1	17	22	18	3	2	4	12
–	KM02	AW02	M15 X 1	1	21	25	21	4	2	5	15
–	KM03	AW03	M17 X 1	1	24	28	24	4	2	5	17
04	KM04	AW04	M20 X 1	1	26	32	28	4	2	6	20
05	KM05	AW05	M25 X 1.5	1.5	32	38	34	5	2	7	25
06	KM06	AW06	M30 X 1.5	1.5	38	45	41	5	2	7	30
07	KM07	AW07	M35 X 1.5	1.5	44	52	48	5	2	8	35
08	KM08	AW08	M40 X 1.5	1.5	50	58	53	6	2.5	9	40
09	KM09	AW09	M45 X 1.5	1.5	56	65	60	6	2.5	10	45
10	KM10	AW10	M50 X 1.5	1.5	61	70	65	6	2.5	11	50
11	KM11	AW11	M55 X 2	2	67	75	69	7	3	11	55
12	KM12	AW12	M60 X 2	2	73	80	74	7	3	11	60
13	KM13	AW13	M65 X 2	2	79	85	79	7	3	12	65
14	KM14	AW14	M70 X 2	2	85	92	85	8	3.5	12	70
15	KM15	AW15	M75 X 2	2	90	98	91	8	3.5	13	75
16	KM16	AW16	M80 X 2	2	95	105	98	8	3.5	15	80
17	KM17	AW17	M85 X 2	2	102	110	103	8	3.5	16	85
18	KM18	AW18	M90 X 2	2	108	120	112	10	4	16	90
19	KM19	AW19	M95 X 2	2	113	125	117	10	4	17	95
20	KM20	AW20	M100 X 2	2	120	130	122	10	4	18	100
21	KM21	AW21	M105 X 2	2	126	140	130	12	5	18	105
22	KM22	AW22	M110 X 2	2	133	145	135	12	5	19	110
–	KM23	AW23	M115 X 2	2	137	150	140	12	5	19	115
24	KM24	AW24	M120 X 2	2	138	155	145	12	5	20	120
–	KM25	AW25	M125 X 2	2	148	160	150	12	5	21	125
26	KM26	AW26	M130 X 2	2	149	165	155	12	5	21	130
–	KM27	AW27	M135 X 2	2	160	175	163	14	6	22	135
28	KM28	AW28	M140 X 2	2	160	180	168	14	6	22	140
–	KM29	AW29	M145 X 2	2	171	190	178	14	6	24	145

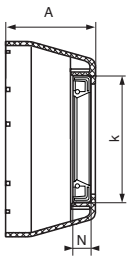




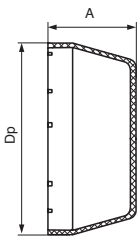
Units	Shaft Dia.
Metric	150 - 500 mm

LOCKNUTS AND LOCKWASHERS – METRIC SERIES

For Bearing with this Bore Number	Locknut Number	Lockwasher Number	Thread Size d	Threads per mm	Dimensions						Shaft Diameter
					d1	d2	g	b	h	B	
30	KM30	AW30	M150 X 2	2	171	195	183	14	6	24	150
–	KM31	AW31	M155 X 3	3	182	200	186	16	7	25	155
32	KM32	AW32	M160 X 3	3	182	210	196	16	7	25	160
–	KM33	AW33	M165 X 3	3	193	210	196	16	7	26	165
34	KM34	AW34	M170 X 3	3	193	220	206	16	7	26	170
36	KM36	AW36	M180 X 3	3	203	230	214	18	8	27	180
38	KM38	AW38	M190 X 3	3	214	240	224	18	8	28	190
40	KM40	AW40	M200 X 3	3	226	250	234	18	8	29	200
44	KM44	AL44	Tr220 X 4	4	250	280	260	20	10	32	220
48	KM48	AL48	Tr240 X 4	4	270	300	280	20	10	34	240
52	KM52	AL52	Tr260 X 4	4	300	330	306	24	12	36	260
56	KM56	AL56	Tr280 X 4	4	320	350	326	24	12	38	280
60	KM60	AL60	Tr300 X 4	4	340	380	356	24	12	40	300
64	KM64	AL64	Tr320 X 5	5	360	400	376	24	12	42	320
68	KM68	AL68	Tr340 X 5	5	400	440	410	28	15	55	340
72	KM72	AL72	Tr360 X 5	5	420	460	430	28	15	58	360
76	KM76	AL76	Tr380 X 5	5	450	490	454	32	18	60	380
80	KM80	AL80	Tr400 X 5	5	470	520	484	32	18	62	400
84	KM84	AL84	Tr420 X 5	5	490	540	504	32	18	70	420
88	KM88	AL88	Tr440 X 5	5	510	560	520	36	20	70	440
92	KM92	AL92	Tr460 X 5	5	540	580	540	36	20	75	460
96	KM96	AL96	Tr480 X 5	5	560	620	580	36	20	75	480
/500	KM100	AL100	Tr500 X 5	5	580	630	584	40	23	80	500



CV



CF

Units	
Metric	mm
Standard	inches

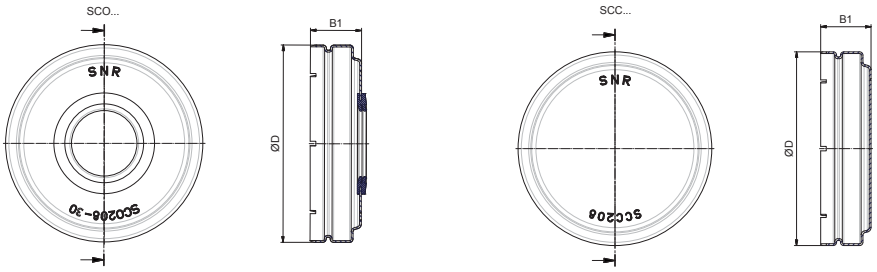
OPEN END CAPS – THERMOPLASTIC SERIES

Cap Number	Supports Series	Bore Size(s)	End Cap Diameter	End Cap Height
CV20	204	20 ¾	50.1 1 31/32	23 29/32
CV25	205	25 1	55.0 2 11/64	25 63/64
CV30	206	30 1 3/16 1¼	64.0 2 33/64	30 1 3/16
CV35	207	35 1¼ 1⅜ 1 7/16	74.5 2 15/16	32 1 17/64
CV40	208	40 1½	84.0 3 5/16	37 1 29/64

CLOSED END CAPS – THERMOPLASTIC SERIES

Cap Number	Supports Series	Bore Size(s)	End Cap Diameter	End Cap Height
CF20	204	20 ¾	50.1 1 31/32	23 29/32
CF25	205	25 1	55.0 2 11/64	25 63/64
CF30	206	30 1 3/16 1¼	64.0 2 33/64	30 1 3/16
CF35	207	35 1¼ 1⅜ 1 7/16	74.5 2 15/16	32 1 17/64
CF40	208	40 1½	84.0 3 5/16	37 1 29/64

Units	
Metric	mm
Standard	inches



OPEN END CAPS – STAINLESS STEEL SERIES

Cap Number	Supports Series	Bore Size(s)	End Cap Diameter	End Cap Height
SCO204 SCOU204-12	204	20 ¾	54 2 1/8	13.0 33/64
SCO205 SCOU205-16	205	25 1	60 2 23/64	13.0 33/64
SCO206 SCOU206-19 SCOU206-20	206	30 1 3/16 1¼	70 2¾	13.0 33/64
SCO207 SCOU207-20 SCOU207-22 SCOU207-23	207	35 1¼ 1⅝ 1 7/16	80 3 5/32	15.9 ⅝
SCO208 SCOU208-24	208	40 1½	88 3 15/32	19.0 ¾
SCO209 SCOU209-28	209	45 1¾	95 3 47/64	*
SCO210 SCOU210-31	210	50 1 15/16	100 3 15/16	*
SCO211 SCOU211-35	211	55 2 3/16	110 4 21/64	*
SCO212 SCOU212-39	212	60 2 7/16	120 4 23/32	*

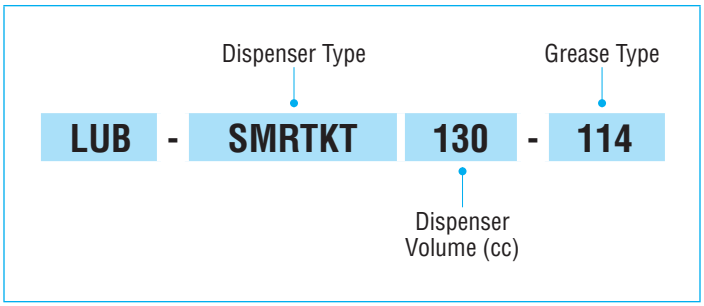
Note: Stainless steel end caps are designed for use with machine-faced stainless steel housing styles. Please add an N suffix when ordering.
*Contact NTN Engineering for dimensions.

CLOSED END CAPS – STAINLESS STEEL SERIES

Cap Number	Supports Series	Bore Size(s)	End Cap Diameter	End Cap Height
SCC204	204	20 ¾	54 2 1/8	13.0 33/64
SCC205	205	25 1	60 2 23/64	13.0 33/64
SCC206	206	30 1 3/16 1¼	70 2¾	13.0 33/64
SCC207	207	35 1¼ 1⅝ 1 7/16	80 3 5/32	15.9 ⅝
SCC208	208	40 1½	88 3 15/32	19.0 ¾
SCC209	209	45 1¾	95 3 47/64	*
SCC210	210	50 1 15/16	100 3 15/16	*
SCC211	211	55 2 3/16	110 4 21/64	*
SCC212	212	60 2 7/16	120 4 23/32	*

Note: Stainless steel end caps are designed for use with machine-faced stainless steel housing styles. Please add an N suffix when ordering.
*Contact NTN Engineering for dimensions.

SINGLE POINT LUBRICATOR – NUMBERING SYSTEM



DISPENSER TYPE

RDYKIT	READY™ Single Point Lubricator
SMRTKT	SMART™ Single Point Lubricator
DRVKT	DRIVE™ Single Point Lubricator

GREASE TYPE

111	Mobil XHP 222
112	Lubriplate FGL 2
113	Mobil SHC 220
114	Mobil Polyrex EM
115	Mobil XHP 222 Special
116	Mobil Vacuoline 1409
117	Lubriplate FMO 200

SINGLE POINT LUBRICATOR OVERVIEW

	READY™	SMART™	DRIVE™
Dispensing System	Gas powered single point lubricator	Electrochemically powered single point lubricator	Electromechanically powered single point lubricator
Lubricant Volume	125 cc (4.23 oz) 60 cc (2.03 oz)	130 cc (4.40 oz)	60 cc (2.03 oz) 120 cc (4.06 oz) 250 cc (8.45 oz)
Lubricant Discharge Period	1, 2, 3, ..., 12 months	1, 2, 3, ..., 12 months	1, 2, 3, ..., 12 months
Operating Temperature Range	-20° to 60°C/ -4°F to 140°F	-20° to 60°C/ -4°F to 140°F	-10° to 60°C/ 14°F to 140°F
Pressure Build-up	5 bar / 73 psi	6 bar / 87 psi	6 bar / 87 psi
Technology	• Gas powered • On/off capable	• Electrochemical gas powered • Electronic temperature compensation	• Electromechanical drive • Replaceable batteries
360° indicator lights	No	No	Yes
Multiple lube points	No	No	Yes

SINGLE POINT

NTN READY™ SERIES



Part Number	Volume	Type	Grease Type
LUB-RDYKT60-111	60	Complete Unit	Mobil XHP 222
LUB-RDYKT60-112			Lubriplate FGL 2
LUB-RDYKT60-113			Mobil SHC 220
LUB-RDYKT60-114			Mobil Polyrex EM
LUB-RDYKT60-115			Mobil XHP 222 Special
LUB-RDYKT60-116			Mobil Vacuoline 1409
LUB-RDYKT60-117			Lubriplate FMO 200
LUB-RDYKT125-111	125	Complete Unit	Mobil XHP 222
LUB-RDYKT125-112			Lubriplate FGL 2
LUB-RDYKT125-113			Mobil SHC 220
LUB-RDYKT125-114			Mobil Polyrex EM
LUB-RDYKT125-115			Mobil XHP 222 Special
LUB-RDYKT125-116			Mobil Vacuoline 1409
LUB-RDYKT125-117			Lubriplate FMO 200

NTN SMART™ SERIES



Part Number	Volume	Type	Grease Type
LUB-SMRTKT130-111	130	Complete Unit	Mobil XHP 222
LUB-SMRTKT130-112			Lubriplate FGL 2
LUB-SMRTKT130-113			Mobil SHC 220
LUB-SMRTKT130-114			Mobil Polyrex EM
LUB-SMRTKT130-115			Mobil XHP 222 Special
LUB-SMRTKT130-116			Mobil Vacuoline 1409
LUB-SMRTKT130-117			Lubriplate FMO 200
LUB-SMRTRFL130-111	130	Refill	Mobil XHP 222
LUB-SMRTRFL130-112			Lubriplate FGL 2
LUB-SMRTRFL130-113			Mobil SHC 220
LUB-SMRTRFL130-114			Mobil Polyrex EM
LUB-SMRTRFL130-115			Mobil XHP 222 Special
LUB-SMRTRFL130-116			Mobil Vacuoline 1409
LUB-SMRTRFL130-117			Lubriplate FMO 200

SINGLE POINT

NTN DRIVE™ SERIES



Part Number	Volume	Type	Grease Type
LUB-DRVKT60-111	60	Complete Unit	Mobil XHP 222
LUB-DRVKT60-112			Lubriplate FGL 2
LUB-DRVKT60-113			Mobil SHC 220
LUB-DRVKT60-114			Mobil Polyrex EM
LUB-DRVKT60-115			Mobil XHP 222 Special
LUB-DRVKT60-116			Mobil Vacuoline 1409
LUB-DRVKT60-117			Lubriplate FMO 200
LUB-DRVKT120-111	120		Mobil XHP 222
LUB-DRVKT120-112			Lubriplate FGL 2
LUB-DRVKT120-113			Mobil SHC 220
LUB-DRVKT120-114			Mobil Polyrex EM
LUB-DRVKT120-115			Mobil XHP 222 Special
LUB-DRVKT120-116			Mobil Vacuoline 1409
LUB-DRVKT120-117			Lubriplate FMO 200
LUB-DRVKT250-111	250		Mobil XHP 222
LUB-DRVKT250-112			Lubriplate FGL 2
LUB-DRVKT250-113			Mobil SHC 220
LUB-DRVKT250-114			Mobil Polyrex EM
LUB-DRVKT250-115			Mobil XHP 222 Special
LUB-DRVKT250-116			Mobil Vacuoline 1409
LUB-DRVKT250-117			Lubriplate FMO 200
LUB-DRVRFL60-111	60	Refill	Mobil XHP 222
LUB-DRVRFL60-112			Lubriplate FGL 2
LUB-DRVRFL60-113			Mobil SHC 220
LUB-DRVRFL60-114			Mobil Polyrex EM
LUB-DRVRFL60-115			Mobil XHP 222 Special
LUB-DRVRFL60-116			Mobil Vacuoline 1409
LUB-DRVRFL60-117			Lubriplate FMO 200
LUB-DRVRFL120-111	120		Mobil XHP 222
LUB-DRVRFL120-112			Lubriplate FGL 2
LUB-DRVRFL120-113			Mobil SHC 220
LUB-DRVRFL120-114			Mobil Polyrex EM
LUB-DRVRFL120-115			Mobil XHP 222 Special
LUB-DRVRFL120-116			Mobil Vacuoline 1409
LUB-DRVRFL120-117			Lubriplate FMO 200
LUB-DRVRFL250-111	250		Mobil XHP 222
LUB-DRVRFL250-112			Lubriplate FGL 2
LUB-DRVRFL250-113			Mobil SHC 220
LUB-DRVRFL250-114			Mobil Polyrex EM
LUB-DRVRFL250-115			Mobil XHP 222 Special
LUB-DRVRFL250-116			Mobil Vacuoline 1409
LUB-DRVRFL250-117			Lubriplate FMO 200

COLD MOUNTING

MOUNTING TOOL KIT CASE

Tool Kit enables quick and accurate mounting of bearings

	Part Number	Bore Dia. (mm)	OD (mm)	What's in the Box	Additional Information
	TLS-1FTSET33	10-50	26-110	33 Impact Rings 3 Mounting Sleeves 1 Dead Blow Mallet	Rings made of impact resistant synthetic material. Can be used with a press as well. Covers 400 different bearings. Strong, lightweight aluminum mounting sleeves.

ADJUSTABLE SPANNERS

5 Spanners for tightening and loosening up to 30 different sized nuts

	Part Number	Nut Dia. (mm)	Nut Type	Additional Information
	TLS-HKSPANNER15-35	15-35	Slotted	For tightening and loosening of all KM, KML, and KMK type nuts and also B, TB, and TBR precision nuts. Spanners are made of extremely strong tempered steel. Laser etched for easy identification. Hole in handle for easy storage.
	TLS-HKSPANNER35-50	35-50	Slotted	
	TLS-HKSPANNER50-80	50-80	Slotted	
	TLS-HKSPANNER80-120	80-120	Slotted	
	TLS-HKSPANNER120-180	120-180	Slotted	
	TLS-PNSPANNER15-35	15-35	Hole	
	TLS-PNSPANNER35-50	30-50	Hole	
	TLS-PNSPANNER50-80	50-80	Hole	
	TLS-PNSPANNER80-120	80-120	Hole	
	TLS-PNSPANNER120-180	120-180	Hole	

HEATERS

FAST THERM 20

Portable Induction Heater

	Part Number	Bore Dia. (mm)	Max Bearing Weight	Voltage	Additional Information
	**TLS-FASTTHERM20-110V**	20-280	20kg (44lbs)	110V Other voltages available upon request.	Small, lightweight heater is only 17kg (37.4lbs) making it ideal for working on-site. 3 Core bars for 20mm, 35mm, and 60mm bearing bores, and a carrying case are included.

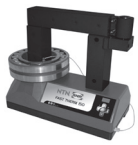
FAST THERM 35

Induction Heater with pivoting arm, a best-seller for maintenance and production workshops

	Part Number	Bore Dia. (mm)	Max Bearing Weight	Voltage	Additional Information
	**TLS-FASTTHERM35-110V**	20-410	35kg (77lbs)	110V Other voltages available upon request.	Used as fixed equipment, but at 31kg (68.2lbs) can easily be moved using 2 side handles. 0-99 min heating time control for large parts.

FAST THERM 150/300/600/1200

A range of powerful and robust heaters for parts up to 1200KG (2,640LBS)

	Part Number	Bore Dia. (mm)	Max Bearing Weight	Voltage	Additional Information
	**TLS-FASTTHERM150-230V/500V/560V**	30-490	150kg (330lbs)	230V/500V/560V Other voltages available upon request.	Contact your NTN distributor for details.
	**TLS-FASTTHERM300-230V/500V/560V**	30-740	300kg (660lbs)		
	**TLS-FASTTHERM600-230V/500V/560V**	45-900	600kg (1,320lbs)		
	**TLS-FASTTHERM1200-230V/500V/560V**	85-1500	1200kg (2640lbs)		

MECHANICAL DISMOUNTING

BORE PULLERS

Puller Kits for internal gripping of the bore, for quick and easy dismounting of bearings tightly mounted in a housing



Part Number	Bore Range (mm)	What's in the Box	Additional Information
TLS-BREPULLER12-45	12-45	6 Pullers, 2 Eextractors	Mechanical spindle with handle.
TLS-BREPULLER35-100	35-100	4 Pullers, 1 Extractor	Pullers made from break and wear-resistant steel, carbonitride arms.
			Supplied with sturdy steel carrying case.

PULLER-SEPARATOR WITH MECHANICAL SPINDLE

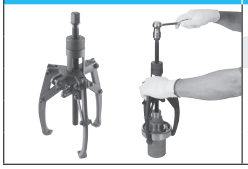
For easy and safe dismounting of rings or bearings that are tightly fitted on a shaft and difficult to grip



Part Number	OD Range (mm)	What's in the Box	Additional Information
TLS-BACKPULLER22-115	22-115	1 Puller/Pusher with Mechanical Spindle	5 ton capacity mechanical spindle.
		1 Set of Extension Rods	Carbonitride arm requires no maintenance.
		1 2-blade Separator	Supplied with sturdy steel carrying case.

2/3 ARMS SELF-CENTERING MECHANICAL PULLERS

A simple, robust and efficient range of Pullers for easy and safe dismounting of small or medium size bearings



Part Number	Max Spread (mm)	Max Reach (mm)	Capacity (Tons)	Additional Information
TLS-MECHPULLER2/3-120	120	80	2	Made from hardened steel.
TLS-MECHPULLER2/3-180	180	120	3	Self-centering mechanism aligns arms, self-locking arms prevent bending and slipping.
TLS-MECHPULLER2/3-270	270	160	5	Convertible between 2 and 3 arms.

2/3 ARMS SELF-CENTERING HYDRAULIC PULLERS

A range of powerful Pullers for safe and easy dismounting of large bearings and force-fitted parts such as Pulleys and Gear Wheels



NTN Part Number	Max Spread (mm)	Max Reach (mm)	Capacity (Tons)	Cyclinder Stroke (mm)	Additional Information
TLS-SCHYDPULLER-4T	325	190	4	60	Supplied in a strong case ready to use with no assembly required before use.
TLS-SCHYDPULLER-12T	485	305	12	85	
TLS-SCHYDPULLER-20T	570	365	20	111	Pump handle rotates through 360° for comfortable operation.

MECHANICAL DISMOUNTING

ACCESSORY CASE FOR 4 AND 12 TON HYDRAULIC PULLERS

A strong grip for safe and easy dismounting

	Part Number	Capacity (Tons)	What's in the Box	Additional Information
	**TLS-SCHYDPULLER-4TACCSET**	4	1 2-blade Separator, Extension Rods + Frame for Hydraulic Puller Cylinder	For dismounting where low clearance on the back of the bearing precludes the use of jaw pullers.
	TLS-SCHYDPULLER-12TACCSET	12	1 2-blade Separator, Extension Rods + Frame for Hydraulic Puller Cylinder	

TRI-SECTION PULLING PLATE, UNIVERSAL

A strong grip for safe and effective dismounting using a mechanical or hydraulic extractor

	Part Number	Capacity (Tons)	Additional Information
	**TLS-3BACKPULLER50-210**	50-210	Complements 3 jaw puller when it cannot provide enough grip. Compatible with TLS-MECHPULLER2/3-270 & TLS-SCHYDPULLER-4T. Prevents lockup from misalignment by evenly distributing the extraction force.

To ensure you get the most out of our products, we've compiled this appendices section with free resources and information for proper selection, installation, and maintenance of mounted bearing units.

We appreciate your business and look forward to assisting you. Should you have any questions, please contact us today by phone at 800.323.2358 or online at www.ntnamericas.com

Table of Contents

Lubrication 272-275
Shaft Design 276-280
Installation 281-289
Troubleshooting 290-291
Frequently Asked Questions 292-293
Clearance Tables 294-296
Tolerances 297-302

Competitive Interchange

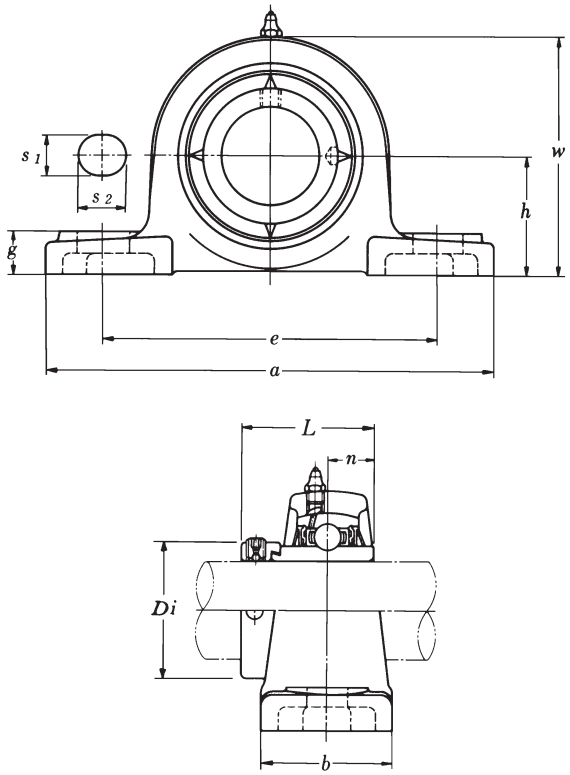
Ultra-Class Standard/Green Line 303
Corrosion Resistant 304
NTN-SNR 304
SAF/SAFS/SN 305
Roller Bearing 305
Agriculture 306

Product Weights

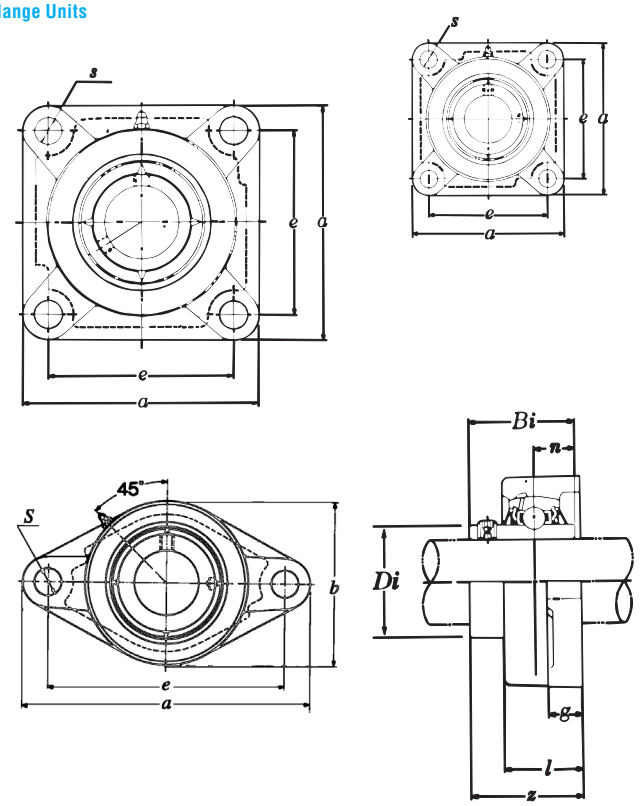
Ultra-Class 307-311
Standard 312-323
Corrosion Resistant 324
Heavy Duty 325-326
Agriculture 327
Cylindrical Bore 328
Tapered Bore 329
Conversion Chart 330
Decimal Equivalents 331-332
Part Number Index 333-367

DIMENSION LAYOUT

Pillow Blocks



Flange Units



DIMENSION NOMENCLATURE

Dimension	Measure	Dimension	Measure
a	Total housing length	i	Bearing ball center to housing rear depth
b	Total housing width (flange)	l	Total housing depth (flange)
Bi	Total bearing unit depth (flange)	N	Bearing ball center to bearing inner ring face
Di	Collar Outer Diameter	s1, s2	Bolt hole size (pillow block)
e	Bolt hole center-to-center	s, S	Bolt hole size (flange)
g	Flange depth and bolt hole depth	w	Total bearing unit height (pillow block)
h	Bearing units base to bearing bore center (pillow block)	z	Total housing plus bearing depth

As bearings in NTN bearing units have sufficient high-grade grease sealed in at the time of manufacture, there is no need for replenishment while in use. The amount of grease necessary for lubrication is, in general, very small. With the NTN bearing units, the amount of grease occupies about one third to one half of the space inside the bearing.

LUBRICATION

Allowable Speed

The allowable speed while ensuring the safety and long life of ball bearings used in the unit is limited by their size, the circumferential speed at the point where the seal comes into contact, and the load acting on them.

To indicate the allowable speed, it is customary to use the value of d*n* or d*mn* (d is the bore of the bearing; d*m* is the diameter of the pitch circle = (I.D.+O.D.) /2; *n* is the number of revolutions).

Problems connected with the lubrication of bearings are the generation of heat and seizures occurring at the sliding parts inside the bearing, in particular at the points where the ball is in contact with the retainer. The contact pressure at the points where friction occurs on the retainer is only slightly affected by the load acting on the bearing; the amount of heat generated there is approximately in proportion to the sliding velocity. Therefore, this sliding velocity serves as a yardstick to measure the limit of the rotating speed of the bearing. In the case of a bearing unit, however, there is another large factor that has to be taken into account – the circumferential speed at the part where the seal is in contact.

The graph below indicates the allowable speed, taking into account the aforementioned factors (Fig. 1).

There are two common methods of locking the bearing unit onto the shaft: the set screw system and the eccentric collar system. However, in both of these systems high-speed operation will cause deformation of the inner ring, which may result in vibration of the bearing. For high-speed operation, therefore, it is recommended that an interference fit or a clearance fit with a near-zero clearance be used, with a shaft of the larger size as shown later in this section on pages 294-296.

For standard bearing units with the contact type seal, the allowable speed is 120 000/*d*. Where a higher speed is required, bearing units with the non-contact type seal, are advised. Please contact NTN regarding the use of the latter type.

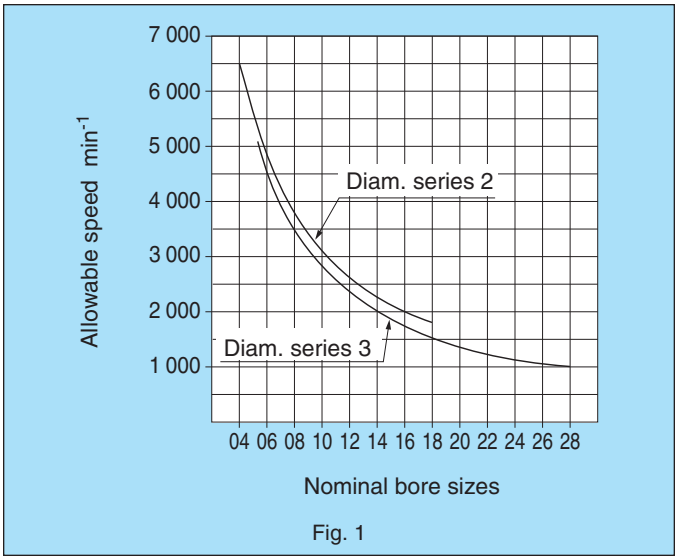


Fig. 1

REPLENISHMENT OF GREASE

Sealed-In Grease

With NTN bearing units, no relubrication is typically not required. The standard self-lubricating type of bearing units contain high-grade lithium-based grease which, being suitable for long-term use, is ideal for sealed-type bearings. They also feature NTN's unique sealing device. Relubrication, therefore, is generally unnecessary under most operating conditions. For extreme operating conditions that do require relubrication, refer to the Relubrication Frequency section at right.

At high temperatures, or where there is exposure to water or excessive dust, the highest quality grease is essential. Therefore, NTN uses its own specially selected brands. It is necessary to use the same brand when replenishing grease.

Table 1

Mixing Properties of Greases

Soap Base	Calcium	Sodium	Aluminum	Barium	Lithium
Calcium	o	Δ	Δ	X	Δ
Sodium	Δ	o	Δ	X	X
Aluminum	Δ	Δ	o	X	X
Barium	X	X	X	o	X
Lithium	Δ	X	X	X	o

o Mixing will not produce any appreciable change of properties.
Δ Mixing may produce considerable variations of properties.
x Mixing will cause a drastic change of properties.

Mixing Greases

Whether or not different kinds of grease may be mixed usually depends on their thickeners. The commonly used criteria are shown in Table 1. Properties which are most susceptible to influences from mixing are viscosity, dropping point and penetration. Water and heat resisting properties as well as mechanical stability are also lowered. Therefore, when mixing in a grease which is different to that which is already in use, it is essential that the thickener (soap base) and the base oil be of the same group.

Relubrication Frequency

Relubrication frequency varies with the kind and quality of grease used as well as the operating conditions. Therefore, it is difficult to establish a general rule, but under ordinary operating conditions, it is desirable that grease be replenished before one third (1/3) of its calculated life elapses. It is necessary, however, to take into consideration such factors as hardening of grease in the oil hole, making replenishment impossible; deterioration of grease while operation of the machine is suspended, and so forth.

In Table 2 below are shown standard relubrication frequencies. Irrespective of the calculated life of the grease, this list takes into consideration such factors as the rotational speed of the bearings, operating temperatures and environmental conditions, with a view to safety.

Table 2

Standard Relubrication Frequencies

Type of Unit	Symbol	dn Value (d x n)	Environmental Conditions	Operating Temp °C		Relubrication Frequency	
				°C	°F	Hours	Period
Standard	D1	40,000 and below	Ordinary	-15° to +80°	+5° to +176°	1,500 to 3,000	6-12 mo
Standard	D1	70,000 and below	Ordinary	-15° to +80°	+5° to +176°	1,000 to 2,000	3-6mo
Standard	D1	70,000 and below	Ordinary	+80° to +100°	+176° to +212°	500 to 700	1mo
Heat-Resistant	HT2D1	70,000 and below	Ordinary	+100° to +150°	+212° to +302°	300 to 700	1mo
Heat-Resistant	HT2D1	70,000 and below	Ordinary	+150° to +180°	+302° to +356°	100	1wk
Cold-Resistant	CT1D1	70,000 and below	Ordinary	-60° to +80°	-76° to +176°	1,000 to 2,000	3-6mo
Standard	D1	70,000 and below	Very dusty	-15° to +100°	+5° to +212°	100 to 500	1wk-1mo
Standard	D1	70,000 and below	Exposure to water	-15° to +100°	+5° to +212°	30 to 100	1dy-1wk
Solid Lube	FG1	–	Food grade	-10° to +95°	+15° to +200°	N/A	N/A

Re-Greasing

The performance of a bearing is greatly influenced by the quantity of grease. In order to avoid over-filling, it is advisable to replenish the grease while the machine is in operation.

Relubrication quantity is shown Table 3.
Relubrication pressure : 1 ~ 2MPa (10 ~ 20kgf/cm2)

Grease Fitting

NTN bearing units are, as a general rule, provided with a grease fitting, as shown in Table 4, and a grease gun is used for regreasing. However, button-head and pin types may also be furnished on demand.

Grease fitting dimensions and the designation of applicable bearing units are given in Tables 5 and 6.

Table 3

Relubrication Quantity

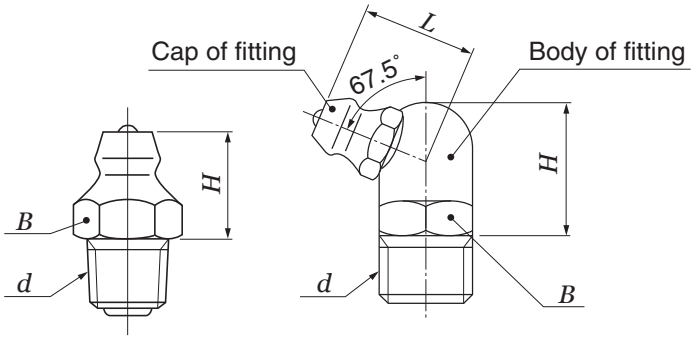
Bearing Number		Amount (g)	Bearing Number	Amount (g)
UC201D1	–	1.1	UC305D1	2.0
UC202D1	–	1.1	UC306D1	3.0
UC203D1	–	1.1	UC307D1	4.3
UC204D1	–	1.1	UC308D1	5.5
UC205D1	–	1.3	UC309D1	7.5
UC206D1	**UCX05D1**	1.9	UC310D1	10.5
UC207D1	**UCX06D1**	2.7	UC311D1	13.0
UC208D1	**UCX07D1**	3.5	UC312D1	16.5
UC209D1	**UCX08D1**	4.1	UC313D1	20.0
UC210D1	**UCX09D1**	4.6	UC314D1	23.5
UC211D1	**UCX10D1**	6.0	UC315D1	27.5
UC212D1	**UCX11D1**	8.5	UC316D1	33.0
UC213D1	**UCX12D1**	10.5	UC317D1	38.0
UC214D1	**UCX13D1**	12.0	UC318D1	45.0
UC215D1	**UCX14D1**	13.0	UC319D1	50.0
UC216D1	**UCX15D1**	15.5	UC320D1	60.0
UC217D1	**UCX16D1**	16.5	UC321D1	70.0
UC218D1	**UCX17D1**	21.0	UC322D1	85.0
–	**UCX18D1**	22.5	UC324D1	100.0
–	**UCX20D1**	35.5	UC326D1	125.0
–	–	–	UC328D1	130.0

Note: Relubrication quantity of UK, UEL is same as UC type.

Table 4

Grease Fitting Types for Bearing Units

Housing Type	Standard Grease Fitting Type
Pillow block	GA type
Flange type	GA type
Take-up	GB type
Hanger	GA type
Cartridge	GA type



GA Type GB Type

Table 5

Grease Fitting Dimensions

Designation	d	H		L		B	
		mm	inch	mm	inch	mm	inch
GA-1/4-28UNF	1/4-28UNF	8.5	0.335	–	–	7	0.276
GA-PF1/8	G1/8	12	0.472	–	–	10	0.394
GA-PF1/4	G1/4	14	0.551	–	–	14	0.551
GB-1/4-28UNF	1/4-28UNF	10.5	0.413	9.3	0.366	8	0.315
GB-PF1/8	G1/8	14.2	0.559	13.5	0.531	10	0.394
GB-PF1/4	G1/4	15	0.591	13.5	0.531	14	0.551

Table 6

Designation of Applicable Bearing Units

Nominal Screw Size	Series 2	Series X	Series 3
1/4-28UNF	203-209	X05-X08	305-309
G1/8	210-215	X09-X14	310-315
G1/4	216-218	X15-X20	316-328
M6X1 (Corrosion Resistant only)	201-212	–	–

Note: Screw size for the cartridge type is 1/4-28UNF.

Although the shafts used for NTN bearing units require no particularly high standards of accuracy, it is desirable that, as far as possible, they be free from bends and flaws.

SET SCREW SYSTEM BEARING UNITS

With set screw system bearing units, under normal operating conditions the inner ring is usually fitted onto the shaft by means of a clearance fit to ensure convenience of assembly. In this case the values shown in Fig. 2 are appropriate dimensional tolerances for the shaft.

Step Shafts

Wherever there is a noticeably large axial load, a step shaft should be used, if practical (Fig. 3).

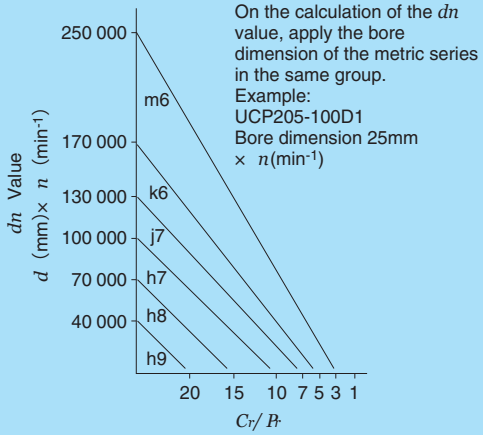


Fig. 2 Dimensional tolerance for the shaft for set screw system bearing units

For bearing units with covers, it is recommended that the units shown in Tables 7 and 8 be used with shafts of the corresponding diameters, as shown in the same table. The values of the radii of the rounded corners of these shafts are shown in Table 9.

Relief in the Axial Direction

Where several bearing units are fitted on the shaft, or where there is a great distance between two bearing units, one of the bearings is secured to the shaft as the "fixed-side bearing" and is subjected to both the axial and radial loads. The other is mounted on the shaft as the "free-side bearing" and is subjected only to radial load, compensating for expansion of the shaft due to a rise in temperature or for any errors in the distance between bearings that may have occurred during assembly.

Table 7

Shaft Diameter for Units with Covers (Metric)

Type of Unit	da
UCP206 through UCP218 UCT208 through UCT217	d + 10
UCP305 through UCP311 UCT305 through UCT311	d + 10
UCP312 through UCP324 UCT312 through UCT324	d + 15
UCP326 through UCP328 UCT326 through UCT328	d + 20

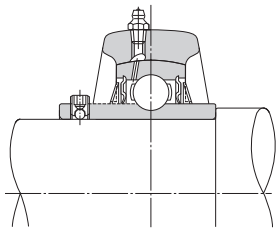


Fig. 3

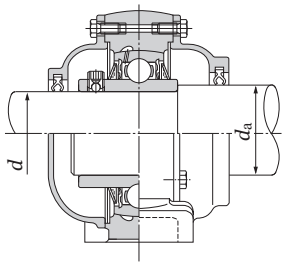


Fig. 4

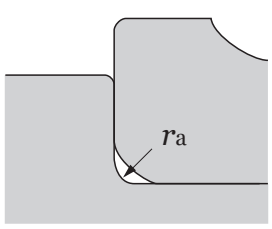


Fig. 5

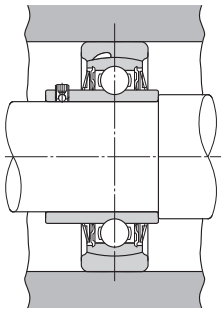


Fig. 6

If there is no free-side bearing, the bearings will be subjected to an abnormal axial load, which could cause premature breakdown.

Although it is desirable to use a cartridge-type bearing unit for the above purpose (Fig. 6), the following method is often employed: a key way is cut into the shaft to accommodate a special set screw (Figs. 7 & 8).

However, when the shaft speed is high, the dog point set screw may wear because of intensive vibration caused by the clearance between the bearing bore and the shaft. For this reason the dog point set screw is not suitable for blower type and similar applications. Please consult with NTN for alternatives. For more details on mounting of this system to the shaft, refer to page 282.

BALL POINT SET SCREW

The ball point set screw is an NTN exclusive design. The design features a hardened steel ball (HRC 62) that is retained in the end of the set screw. This set screw has several advantages over competitive set screw designs:

Difficult to Work Loose

Upon tightening, the steel ball is squeezed back into the tapered portion of the set screw, causing the threads to spread. This expansion of the threads makes it extremely difficult for the set screw to loosen when exposed to vibration and/or shock loads (Fig 9).

Units	
Metric	mm
Standard	inches

Table 8

Shaft Diameter for Units with Covers (Inch)

Type of Unit	da	Type of Unit	da
206-XX	1½	206-XX	1⅜
207-XX	1¾	207-XX	1½
208-XX	1⅞	208-XX	1¾
209-XX	2	209-XX	1⅞
210-XX	2⅜	310-XX	2⅛
211-XX	2½	311-XX	2¾
212-XX	2¾	312-XX	3
213-XX	3	313-XX	3⅛
214-XX	3⅛	314-XX	3¼
215-XX	3⅜	315-XX	3½
216-XX	3½	316-XX	3¾
217-XX	3¾	317-XX	4
218-XX	4	318-XX	4

Table 9

Round Corner Radii for Step Shafts

Type of Insert	ras max	Type of Insert	ras max
UC201 to UC203	0.6 0.024	UC305 to UC306	1.5 0.059
UC204 to UC206	1 0.039	UC307 to UC309	2 0.079
UC207 to UC210	1.5 0.059	UC310 to UC316	2.5 0.098
UC211 to UC215	2 0.079	UC217 to UC324	3 0.118
UC216 to UC218	2.5 0.098	UC326 to UC328	4 0.157

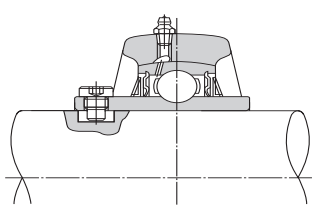


Fig. 7

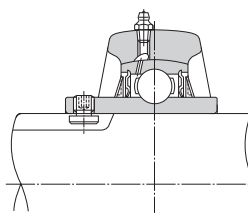


Fig. 8

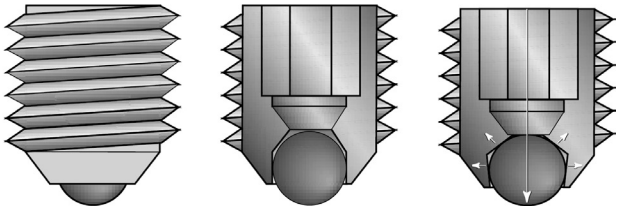


Fig. 9

Develops Larger Holding Force

The ball point set screw makes a point contact with the shaft allowing easy tightening and complete transmission of force to the shaft.

The cup point and knurled cup point on the other hand make a circular contact with the shaft. In those designs, a portion of the tightening torque is used for cutting a circular groove on the shaft, effectively reducing the holding force. Refer to Fig. 10 for a comparison of holding force.

Can Be Used Repeatedly

The hardened steel ball does not deform when tightened. Additionally, it only leaves a small contact print on the shaft. The cup point set screw not only marks the shaft, but the screw itself becomes damaged, making it difficult to retighten if removed.

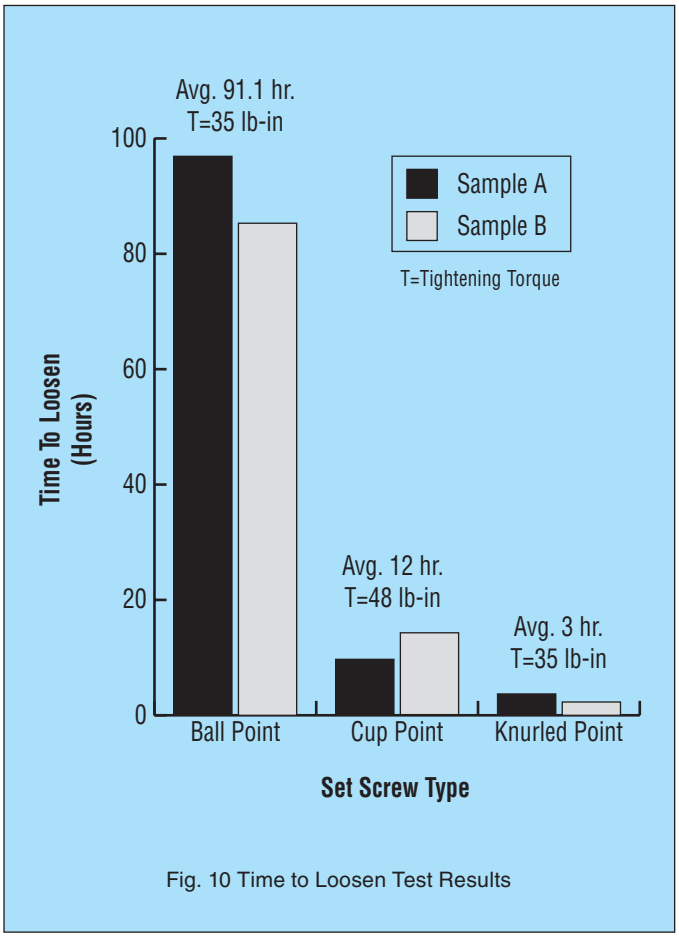


Fig. 10 Time to Loosen Test Results

Needs No Flat On The Shaft

The ball point set screw makes a point contact and therefore does not require a flat on the shaft. The cup point set screw cannot make full contact unless there is a flat machined onto the shaft.

Reduced Fretting Corrosion At The Tip Of The Set Screw

Due to the hardened steel ball of the ball point set screw, fretting corrosion is considerably reduced. Cup point and knurled cup point set screws can cause substantially more fretting since they are generally not hardened.

ECCENTRIC COLLAR SYSTEM

As in the case of the set screw system, it is usual under normal operating conditions to fit the inner ring onto the shaft by means of a clearance fit, for ease of assembly. Fig. 11 shows the appropriate values of dimensional tolerances for the shaft.

ADAPTER SYSTEM BEARING UNITS

Since in the case of the adapter system, the bearing unit is fastened onto the shaft by means of a sleeve, for dimensional tolerances for the shaft, h9 is applicable under all operating conditions. Note that it is not usable under a loose fit ≥h9.

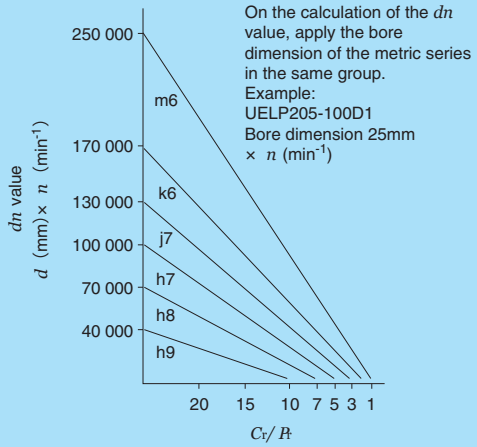
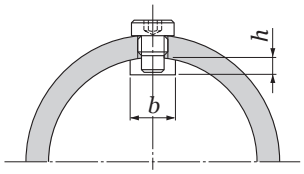


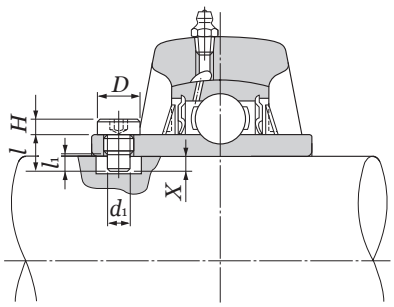
Fig. 11 Dimensional tolerances for the shaft eccentric collar system bearing units

Units	
Metric	mm

Screwed Bolt System (Metric Series)

Bearing Number	Keyway		Bolt Size	d1	X	l	l1	D	H
	Width b	Depth h							
UC201D1W5	3.5	3	S5W5×0.8×11	3.5	2.2	11	5	6	3
UC202D1W5	3.5	4.5	S5W5×0.8×11	3.5	3.7	11	5	6	3
UC203D1W5	3.5	5.5	S5W5×0.8×11	3.5	4.7	11	5	6	3
UC204D1W5	3.5	4.5	S5W5×0.8×8.5	3.5	3.7	8.5	5	6	3
UC205D1W5	3.5	5	S5W5×0.8×8.5	3.5	4	8.5	5	6	3
UC206D1W5	4	5.5	S5W6×0.75×10	4	4.6	10	5.9	8	3
UC207D1W5	4	5	S5W6×0.75×10	4	4.1	10	5.9	8	3
UC208D1W5	6	5.5	S5W8×1×11.5	6	5	11.5	5.5	10	3
UC209D1W5	6	6	S5W8×1×11.5	6	5.2	11.5	5.5	10	3
UC210D1W5	6	6	S5W8×1×11.5	6	5.3	11.5	5.5	10	3
UC211D1W5	6	5.5	S5W8×1×11.5	6	4.5	11.5	5.5	10	3
UC212D1W5	7	5.5	S5W10×1.25×13.5	7	5	13.5	6.5	12	3
UC213D1W5	7	5.5	S5W10×1.25×13.5	7	4.8	13.5	6.5	12	3
UC214D1W5	7	5.5	S5W10×1.25×13.5	7	5	13.5	6.5	12	3
UC215D1W5	7	5	S5W10×1.25×13.5	7	4.5	13.5	6.5	12	3
UC216D1W5	7	6.5	S5W10×1.25×15	7	6	15	7	12	3
UC217D1W5	9	6.5	S5W12×1.5×16.5	9	5.8	16.5	7	14	4
UC218D1W5	9	6.5	S5W12×1.5×16.5	9	5.7	16.5	7	14	4
UC305D1W5	4	6.5	S5W6×0.75×11.5	4	5.6	11.5	6	8	3
UC306D1W5	4	5	S5W6×0.75×11.5	4	4.1	11.5	6	8	3
UC307D1W5	6	5	S5W8×1×11.5	6	4.3	11.5	5.5	10	3
UC308D1W5	7	6	S5W10×1.25×13.5	7	5.5	13.5	6.5	12	3
UC309D1W5	7	6.5	S5W10×1.25×15	7	5.8	15	7	12	3
UC310D1W5	9	7	S5W12×1.5×16.5	9	6.2	16.5	7	14	4
UC311D1W5	9	6.5	S5W12×1.5×16.5	9	5.7	16.5	7	14	4
UC312D1W5	9	6	S5W12×1.5×16.5	9	5.2	16.5	7	14	4
UC313D1W5	9	7	S5W12×1.5×18	9	6.4	18	7.5	14	4
UC314D1W5	9	6.5	S5W12×1.5×18	9	5.6	18	7.5	14	4
UC315D1W5	10	7.5	S5W14×1.5×20	10	6.9	20	8.5	17	5
UC316D1W5	10	7	S5W14×1.5×20	10	6.1	20	8.5	17	5
UC317D1W5	12	9	S5W16×1.5×23	12	8.3	23	9	19	6
UC318D1W5	12	8.5	S5W16×1.5×23	12	7.6	23	9	19	6
UC319D1W5	12	7.5	S5W16×1.5×23	12	6.8	23	9	19	6
UC320D1W5	14	8	S5W18×1.5×25	14	7.2	25	9.5	22	7
UC321D1W5	14	7	S5W18×1.5×25	14	6.4	25	9.5	22	7
UC322D1W5	14	9	S5W18×1.5×29	14	8.2	29	10	22	7
UC324D1W5	14	7	S5W18×1.5×29	14	6.4	29	10	22	7
UC326D1W5	16	9.5	S5W20×1.5×33	16	8.9	33	11	24	7
UC328D1W5	16	8.5	S5W20×1.5×33	16	7.8	33	11	24	7

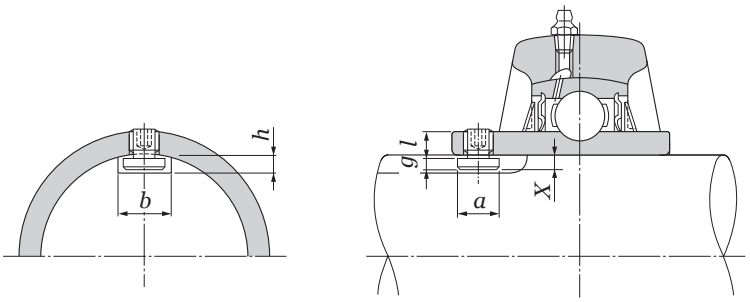




Units	
Metric	mm

Key Bolt System (Metric Series)

Bearing Number	Keyway		Bolt Size	a	X	g	l
	Width b	Depth h					
UC201D1W6	6	4.5	S6W5×0.8×5-1	5.9	3.8	3	6
UC202D1W6	6	4.5	S6W5×0.8×5-1	5.9	3.6	3	6
UC203D1W6	6	4	S6W5×0.8×5-1	5.9	3.5	3	6
UC204D1W6	7	4.5	S6W5×0.8×5	6.9	3.8	3.2	6
UC205D1W6	7	4.5	S6W5×0.8×5	6.9	3.7	3.2	6
UC206D1W6	8	4.5	S6W6×0.75×6	7.9	3.7	3.2	7
UC207D1W6	8	4.5	S6W6×0.75×6	7.9	3.7	3.2	7
UC208D1W6	10	5	S6W8×1×7	9.9	4.2	3.6	8
UC209D1W6	10	5	S6W8×1×7	9.9	4.2	3.6	8
UC210D1W6	10	5	S6W8×1×7	9.9	4.1	3.6	8
UC211D1W6	10	5	S6W8×1×7	9.9	4	3.6	8
UC212D1W6	12	5.5	S6W10×1.25×9	11.9	4.6	4	10
UC213D1W6	12	5.5	S6W10×1.25×9	11.9	4.5	4	10
UC214D1W6	12	5.5	S6W10×1.25×9	11.9	4.5	4	10
UC215D1W6	12	5.5	S6W10×1.25×9	11.9	4.5	4	10
UC216D1W6	12	5.5	S6W10×1.25×9	11.9	4.4	4	10
UC217D1W6	14	6	S6W12×1.5×11	13.9	5.4	4.8	12
UC218D1W6	14	6	S6W12×1.5×11	13.9	5.3	4.8	12
UC305D1W6	8	4.5	S6W6×0.75×6	7.9	3.9	3.2	7
UC306D1W6	8	4.5	S6W6×0.75×6	7.9	3.7	3.2	7
UC307D1W6	10	5	S6W8×1×7	9.9	4.3	3.6	8
UC308D1W6	12	5.5	S6W10×1.25×9	11.9	4.9	4	10
UC309D1W6	12	5.5	S6W10×1.25×9	11.9	4.8	4	10
UC310D1W6	14	6.5	S6W12×1.5×11	13.9	5.8	4.8	12
UC311D1W6	14	6.5	S6W12×1.5×11	13.9	5.7	4.8	12
UC312D1W6	14	6.5	S6W12×1.5×11	13.9	5.6	4.8	12
UC313D1W6	14	6.5	S6W12×1.5×11	13.9	5.6	4.8	12
UC314D1W6	14	6.5	S6W12×1.5×11	13.9	5.5	4.8	12
UC315D1W6	16	7.5	S6W14×1.5×13	15.9	6.7	5.8	14
UC316D1W6	16	7.5	S6W14×1.5×13	15.9	6.6	5.8	14
UC317D1W6	18	8.5	S6W16×1.5×16	17.9	7.5	6.5	17
UC318D1W6	18	8.5	S6W16×1.5×16	17.9	7.4	6.5	17
UC319D1W6	18	8.5	S6W16×1.5×16	17.9	7.4	6.5	17
UC320D1W6	20	10.5	S6W18×1.5×18	19.9	9.5	8.5	19
UC321D1W6	20	10.5	S6W18×1.5×18	19.9	9.5	8.5	19
UC322D1W6	20	10.5	S6W18×1.5×18	19.9	9.4	8.5	19
UC324D1W6	20	10.5	S6W18×1.5×18	19.9	9.4	8.5	19
UC326D1W6	22	11	S6W20×1.5×25	21.9	10.4	9.5	26
UC328D1W6	22	11	S6W20×1.5×25	21.9	10.4	9.5	26



MOUNTING OF THE HOUSING

Pillow Block and Flange Types

Although an advantage of the NTN bearing unit is that it can be fitted easily and will function efficiently on any part of a machine, attention must be paid to the following points in order to ensure its normal service life.

1) The surface on which the housing is mounted must be sufficiently rigid.

2) The surface on which the housing is mounted should be as flat as possible (The housing should set firmly in its position). Deformation of the housing caused by incorrect mounting will in turn cause deformation of the bearing, leading to its premature breakdown (Fig. 12).

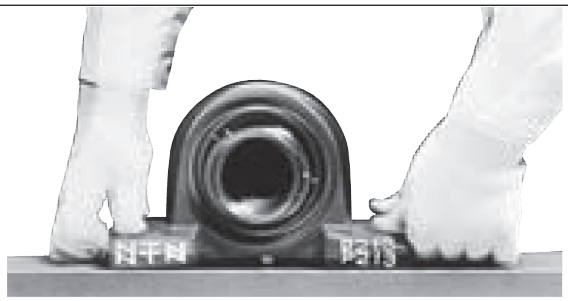


Fig. 12

3) It is desirable that the angle between the surface on which the housing is mounted and the shaft be maintained to a tolerance of ±2° (Fig. 13 and 14).

4) Excessive tightening of the mounting bolts may cause the housing to deform. Tightening the bolts to the proper torque can avoid this issue. Also, NTN recommends using a washer with the bolt when mounting the housing as the bolt alone may cause damage to the housing.

Cartridge Type

The inside diameter of the housing into which a cartridge type unit is inserted should be H7 under general operating conditions. It should be so furnished as to permit the bearing unit to move freely in the axial direction.

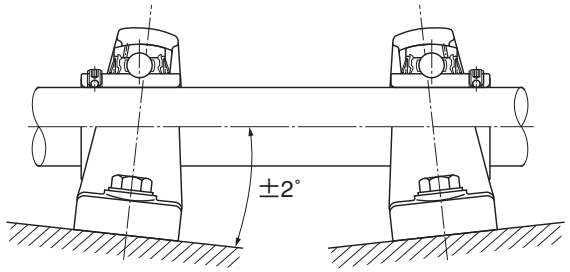


Fig. 13

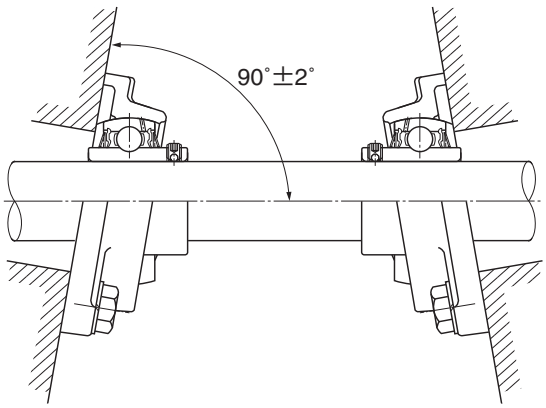


Fig. 14

Units	Torque
Metric	N·m
Standard	Lb·in.

Table 10

Recommended Torques – Hexagon Head Bolt

Bolt Size	Tightening Torque	Bolt Size	Tightening Torque
M6	5.4 48	M24	392 3472
M8	13.8 122	M27	588 5208
M10	27.5 243	M30	784 6944
M12	47.1 417	M33	1078 9548
M14	76.5 677	M36	1372 12151
M16	118 1042	M39	1764 15623
M18	162 1432	M42	2156 19095
M20	226 1996	M45	2744 24303
M22	314 2777	–	–

MOUNTING THE BEARING UNIT ON THE SHAFT

Set Screw Spacing

Units using the set screw locking method have the set screws spaced 120° apart. As the set screws are tightened to mount the bearing on the shaft, holding forces between the inner ring and shaft are created at three points. This develops higher holding force, more uniform mounting and less inner ring distortion. This results in quieter bearing operation and longer bearing life.

Mounting of the Set Screw System Unit

To mount the set screw system bearing unit on the shaft, it is sufficient to tighten the two set screws uniformly.

The construction of the NTN “Ball Point Set Screw” has a pin design that prevents it from becoming loose even when it is subjected to vibrations or impact loads (Fig. 15).

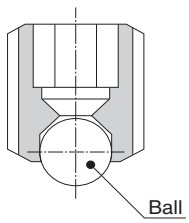


Fig. 15

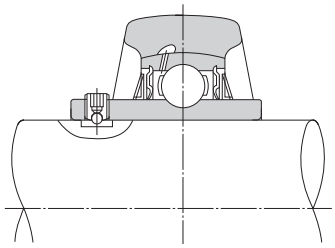


Fig. 16

If the fit clearance between the inner ring and the shaft is very small, it is advisable, prior to fastening on the screw, to file off that part of the shaft at which the end of the set screw (ball) strikes, by approximately 0.2 to 0.5mm 0.01 to 0.02 inches, to flatten it , as illustrated (Fig. 16).

This will facilitate dismounting of the bearing from the shaft should it become necessary.

The method of mounting the unit on the shaft is as follows:

1) Make certain that the end of the set screw is not protruding into the bore of the bearing.

2) Holding the unit at right angles to the shaft, insert the shaft into the bore of the bearing without twisting the bearing. Take care not to strike the slinger nor to subject the unit to any shock (Fig. 17).

3) Insert a hexagonal bar wrench securely into the hexagonal hole of the set screw, and tighten the two screws uniformly (Fig. 18). Use the tightening torque shown in Tables 11 and 12 at right.

4) Mount the housing securely in position on the machine. Sometimes the order of steps 3 and 4 is reversed.

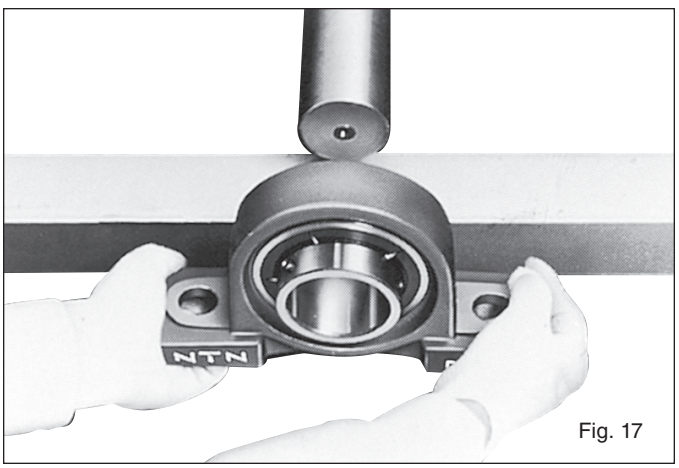


Fig. 17

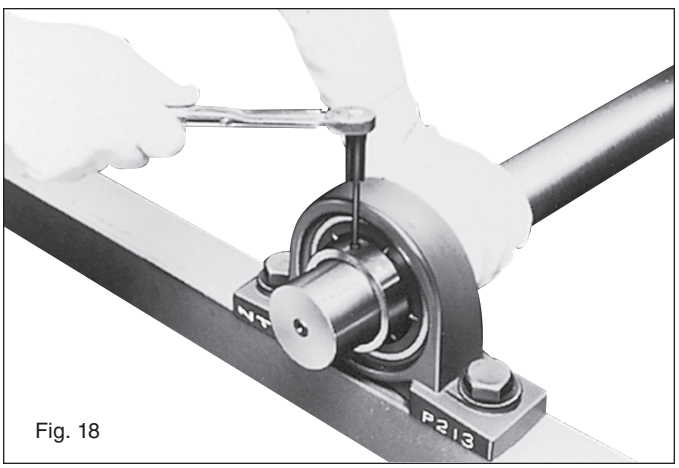


Fig. 18

Units	Torque
Metric	N·m
Standard	Lb·in.

Table 11

Recommended Torques – Set Screw (Metric)

Designation of the Bearings of Applicable Units			Designation of Set Screws	Tightening Torque
UC201-UC205	–	–	M5 x 0.8 x 7	3.9
UC206	–	UC305-UC306	M6 x 0.75 x 8	4.9
UC207	UCX05	–	M6 x 0.75 x 8	5.8
UC208-UC210	–	–	M8 x 1 x 10	7.8
UC211	UCX06-UCX08	UC307	M8 x 1 x 10	9.8
UC212	UCX09	–	M10 x 1.25 x 12	16.6
UC213-UC215	–	UC308-UC309	M10 x 1.25 x 12	19.6
UC216	UCX10	–	M10 x 1.25 x 12	22.5
–	UCX11-UCX12	–	M10 x 1.25 x 12	24.5
UC217-UC218	UCX13-UCX15	UC310-UC314	M12 x 1.5 x 13	29.4
–	UCX16-UCX17	–	M12 x 1.5 x 13	34.3
–	UCX18	UC315-UC316	M14 x 1.5 x 15	34.3
–	UCX20	UC317-UC319	M16 x 1.5 x 18	53.9
–	–	UC320-UC324	M18 x 1.5 x 20	58.8
–	–	UC326-UC328	M20 x 1.5 x 25	78.4

Designation of the Bearings of Applicable Units	Designation of Set Screws	Tightening Torque
AS201-AS205	M5 x 0.8 x 7	3.4
AS206	M6 x 0.75 x 8	4.4
AS207	M6 x 0.75 x 8	4.9
AS208-AS210	M8 x 1 x 10	6.8

Table 12

Recommended Torques – Set Screw (Inch)

Designation of the Bearings of Applicable Units			Designation of Set Screws	Tightening Torque
UC201-UC205	–	–	10-32 UNF	34
UC206	–	UC305-UC306	¼-28 UNF	43
UC207	UCX05	–	¼-28 UNF	52
UC208-UC210	–	–	5⁄16-24 UNF	69
UC211	UCX06-UCX08	UC307	5⁄16-24 UNF	86
UC212	UCX09	–	3⁄8-24 UNF	147
UC213-UC215	–	UC308-UC309	3⁄8-24 UNF	173
UC216	UCX10	–	3⁄8-24 UNF	199
–	UCX11-UCX12	–	3⁄8-24 UNF	216
UC217-UC218	UCX13-UCX15	UC310-UC314	½-20 UNF	260
–	UCX16-UCX17	–	½-20 UNF	303
–	UCX18	UC315-UC316	9⁄16-18 UNF	303
–	UCX20	UC317-UC319	5⁄8-18 UNF	477
–	–	UC320	5⁄8-18 UNF	520

Designation of the Bearings of Applicable Units	Designation of Set Screws	Tightening Torque
AS201-AS205	10-32 UNF	30
AS206	¼-28 UNF	39
AS207	¼-28 UNF	43
AS208-AS210	5⁄16-24 UNF	60

MOUNTING THE ECCENTRIC LOCKING COLLAR SYSTEM UNIT

In this system, unlike the screw system, the shaft and inner ring are fastened together by fastening the eccentric collar in the direction of the rotation of the shaft. They are fastened together securely, and deformation of the inner ring seldom occurs. This system, however, is not recommended for applications where the direction of rotation is sometimes reversed.

Directions for mounting the unit are as follows :

1) Make certain that the frame in which the housing is to be mounted is suitable to the operating conditions with regard to rigidity, flatness, etc.
2) Make sure that the end of the shaft is not burred and that the end of the set screw in the eccentric collar is not protruding from the interior surface of the collar (Fig. 19).
3) Mount the housing of the unit securely onto the frame.
4) Determine the relative position of the unit and the shaft accurately so that the unit will not be subjected to any thrust, and then insert the eccentric collar (Fig. 20).
5) Fit the eccentric circular ridge provided on the inner ring into the eccentric circular groove of the eccentric collar, and then tighten the collar by hand-turning in the direction of the shaft (Fig. 21).
6) Insert a bar into the hole provided on the periphery of the eccentric collar and tap the bar so that the collar turns in the direction of rotation of the shaft (Fig. 22).
7) Fasten the set screw of the eccentric collar onto the shaft. Recommended tightening torques are given in Tables 13 and 14.

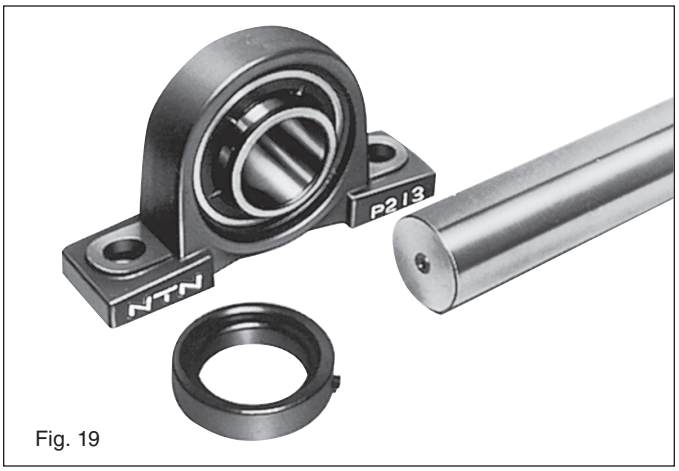


Fig. 19

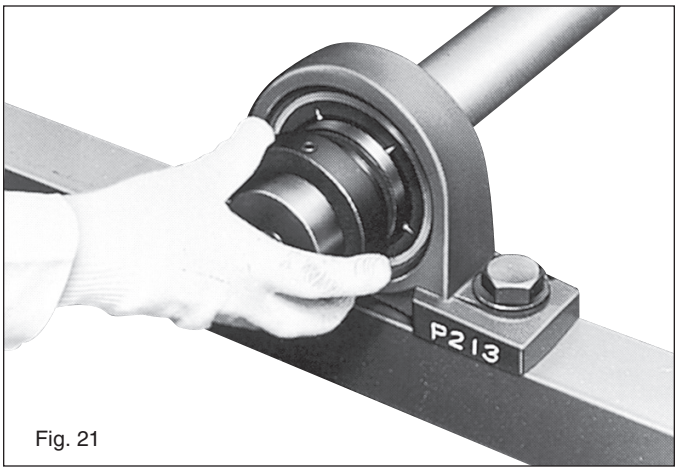
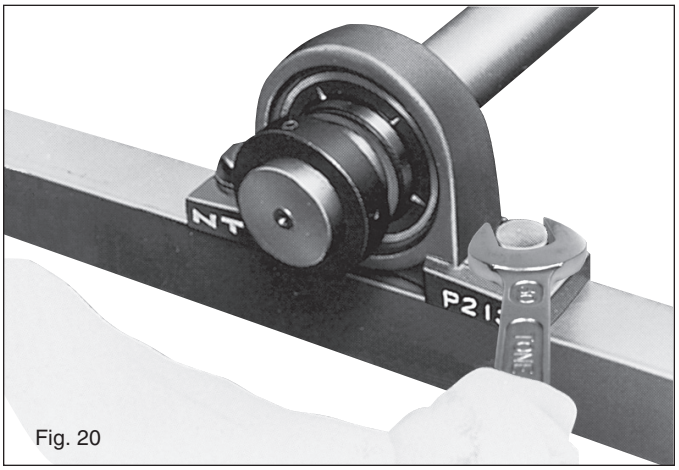
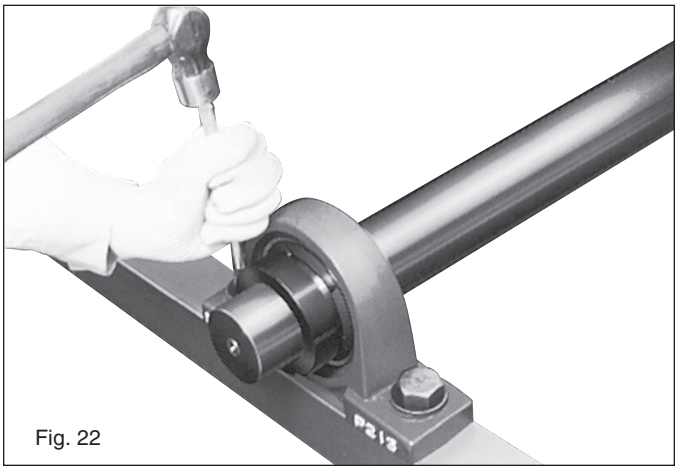


Fig. 21


Fig. 20


Fig. 22

Units	Torque
Metric	N·m
Standard	Lb·in.

Table 13

Recommended torques for tightening set screws of the eccentric collars (Metric)

Designation of the Bearings of Applicable Units			Designation of Set Screws	Tightening Torque
–	UEL204-UEL205	AEL201-AEL205	M6 × 0.75 × 8	7.8
UEL303-UEL307	UEL206	AEL206	M8 × 1 × 10	9.8
–	UEL207	AEL207	M10 × 1.25 × 12	11.7
–	UEL208-UEL210	AEL208-AEL210	M10 × 1.25 × 12	15.6
–	UEL211	AEL211	M10 × 1.25 × 12	19.6
UEL308-UEL312	UEL212-UEL215	AEL212	M10 × 1.25 × 12	29.4
UEL313-UEL314	–	–	M12 × 1.5 × 13	34.3
UEL315-UEL317	–	–	M16 × 1.5 × 18	53.9
UEL318-UEL320	–	–	M20 × 1.5 × 25	78.4

Table 14

Recommended torques for tightening set screws of the eccentric collars (Inch)

Designation of the Bearings of Applicable Units			Designation of Set Screws	Tightening Torque
–	UEL204-UEL205	AEL201-AEL205	¼-28UNF	69
UEL303-UEL307	UEL206	AEL206	5⁄16-24UNF	86
–	UEL207	AEL207	⅜-24UNF	104
–	UEL208-UEL210	AEL208-AEL210	⅜-24UNF	138
–	UEL211	AEL211	⅜-24UNF	173
UEL308-UEL312	UEL212-UEL215	AEL212	⅜-24UNF	260
UEL313-UEL314	–	–	½-20UNF	350
UEL315-UEL317	–	–	⅝-18UNF	520
UEL318-UEL328	–	–	¾-16UNF	700

MOUNTING OF THE ADAPTER SYSTEM UNIT

When an adapter system unit is properly used, there is no danger of the fit between the shaft and the inner ring working loose even if it is subjected to impact loads or vibration. Furthermore, straight shafts of h9 may be used under any operating conditions, except where there is a large axial load.

To mount the adapter system unit onto the shaft, the procedure is as follows:

1) To facilitate the mounting of the sleeve onto the shaft, the opening in the sleeve can be widened using a screwdriver or similar implement. The sleeve should be positioned so that the threaded end faces the end of the shaft (Fig. 23).

2) Slide the bearing unit up the sleeve and abut a cylindrical sleeve by hand against the lock nut side face of the inner ring. Supporting the inner ring, tap the adapter sleeve lightly over its entire periphery (Fig. 24), until a positive contact is made between the bearing and the sleeve.

3) Insert the washer.

4) Screw the nut onto the adapter until it is hand-tight.

5) Apply a jig (or screwdriver where no jig is available) to the notch in the nut and tap it with a hammer. Stop tapping after the nut has turned through from 60° to 90°. Be careful not to strike the seal. Care should also be taken not to over-tighten the nut, as this will deform the inner ring, causing heat generation and seizure.

6) Bend one of the tabs on the rim of the washer, which is in line with the notch in the nut. This will prevent the nut from backing off. The nut must not be turned backwards to bring the notch into line with the tab on the washer.

7) Mount the housing securely in position on the machine.

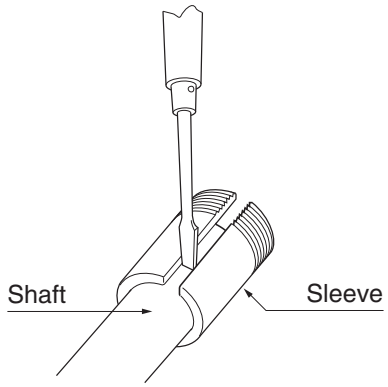
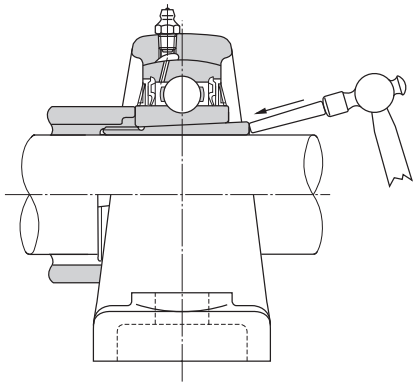


Fig. 23


Fig. 24

MOUNTING COVERED BEARING UNITS

For selection of the shaft, mounting the bearing onto the shaft and fitting the housing follow the same procedure as for standard bearing units. Furthermore, fitting the cover presents no special difficulty, with no need for special tools or jigs.

The procedure for mounting covered bearing units is as follows:

1) Remove the cover from the bearing unit. The steel cover can usually be removed easily by hand, but should there be any difficulty due to an over-tight fit, insert a screwdriver or similar tool in a twisting motion (Fig. 25).

2) In order to augment the dust and waterproofing effects, completely fill the space between the two lips of the rubber seal incorporated in the cover with grease, and apply grease to the inside of the cover, filling about two-thirds of the space. Cup grease is commonly used for this purpose (Fig. 26).

3) First, pass one of the two grease-packed covers along the shaft, and then slide the bearing unit onto the shaft and fix the inner ring fast on the shaft before tightening the bolts holding the housing. Sometimes these steps are reversed for convenience of assembly. It is recommended that the end of the shaft be chamfered beforehand to avoid damaging the lips of the rubber seal.

4) Next take the cover which has been passed along the shaft and press it into the housing as follows: Be careful not to strike the surface of the steel cover directly with a steel hammer but use a synthetic resin or wood block in between. Do not strike only in one place but tap the cover all the way round until it is firmly seated in the housing. (Fig. 27) The cast iron cover is fastened with three bolts.

5) Pack the second cover with grease as in step 2 and pass it along the shaft. In the case of a blind cover, the recess of the housing should be filled with grease.

6) Fit the cover into the recess of the housing using the same procedure as detailed in Step 4. (Fig. 28).

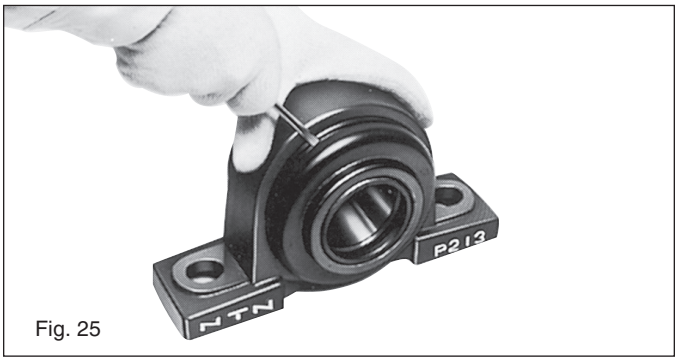


Fig. 25

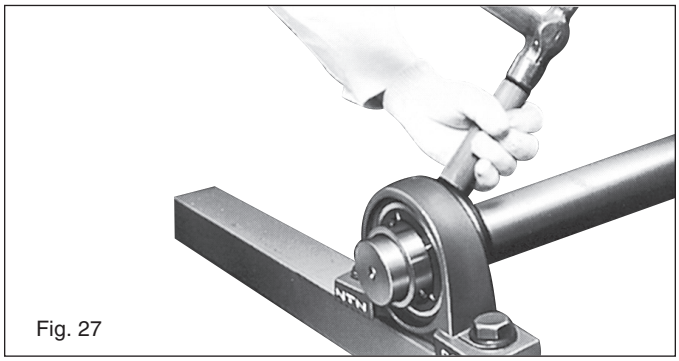


Fig. 27


Fig. 26

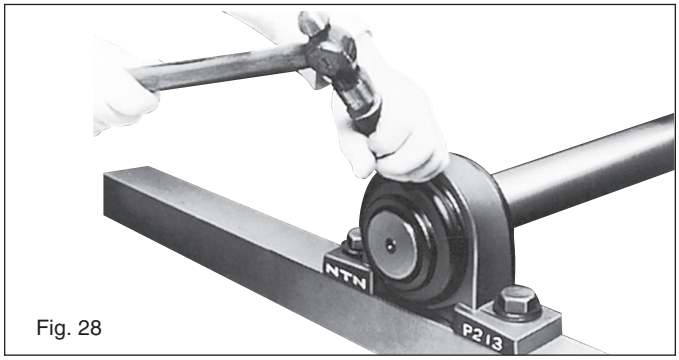


Fig. 28

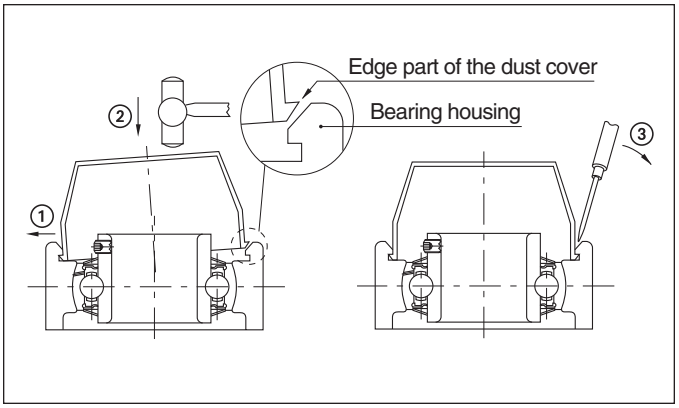
MOUNTING RESIN COVERED BEARING UNITS

1) Insert the edge of the dust cover in the housing's groove.

2) Insert the other side of the dust cover in the opposite housing groove either by hand or with assistance of a plastic/rubber mallet/hammer.

3) To remove the dust cover, pry the edge from the housing groove using a screw driver or similar tool.

Note: Frequent mounting/dismounting of the dust cover may damage the edge of the housing and is not recommended.



RUNNING TESTS

After mounting the bearing unit, check that it has been done correctly.

First, turn the shaft or the rotor by hand to make certain that it rotates smoothly. If there is no irregularity, start up the machine. Run the machine at low speed under no load and gradually bring it up to full operating speed while checking that there are no abnormalities.

Some indications of abnormality or faulty assembly are as follows:

When the shaft is turned by hand a resistance or drag is felt, or the shaft appears to become heavy or light in turn. Or, if the machine is running under power, any abnormal noise, vibration or overheating is evident.

INSPECTION DURING OPERATION

Although the NTN lubrication-free bearing unit does not require refilling with grease while in use, periodic inspections are necessary to ensure safe operation of the unit's most important parts. While the interval between inspections varies from case to case, according to the degree of importance and the rate of operation, it is usually some time between two weeks and a month.

Since the inside of the bearing can be examined only by removing the slinger, seal etc., the condition of the bearing should be judged by checking for the presence of vibration, noise, overheating of the housing, etc., while the machine is running.

DISMOUNTING THE BEARING UNIT

If some abnormality makes it necessary to dismount the bearing unit from the shaft in order to replace it, the procedure used to mount the bearing is followed in reverse order. In this case, special care should be given to the following points:

1) **Set screw system units:**
   If the set screw is protruding into the bore of the bearing when the unit is withdrawn from the shaft, it will damage the shaft. Therefore the screw should be turned back fully.

2) **Adapter system units:**
   To remove an adapter system bearing unit from the shaft, raise the tab of the washer, turn the nut two or three turns back, and apply a metal block to the nut and tap it with a hammer. Do this all round the nut, until the sleeve can be moved (Fig. 29).

If the nut is turned back too far and the screws are only slightly engaged, tapping to remove it will eventually ruin the screws.

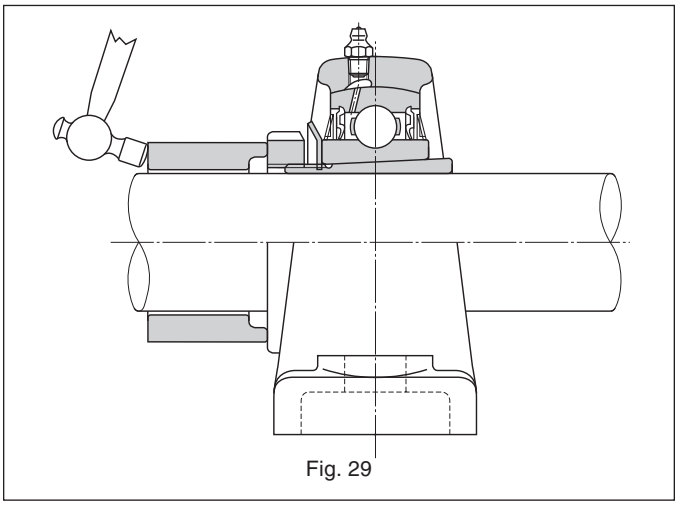


Fig. 29

REPLACEMENT OF THE BEARING

If the bearing in the NTN bearing unit needs to be replaced, this can be carried out simply with a plummer block. There is no need to replace the housing, as it is reusable.

The bearing is changed using the following procedure: First, the set screw should be tightened as much as possible. Otherwise, there is a danger that it may catch in the housing when the bearing is tilted.

Next, insert the handle of a hammer or similar tool into the bore of the bearing and twist. Tilt the bearing through a full 90, and pull it in the direction of the notch on the housing to remove it. To install a new bearing in the housing, follow the same procedure in reverse.

Analysis of Bearing Operating Problems

Issue	Observed Characteristic	Probable Cause	Corrective Action
Noise	High pitch, steady tone	Excessive axial load	Correct outer ring fit in housing and/or shoulder location to allow thermal expansion.
		Excessive radial load	Use correct fit of inner ring on shaft. For radial bearings, use bearing with greater internal clearance. For pre-loaded paired bearings, use lighter preload.
		Bearing misalignment	Correct alignment.
	Low pitch, continuous or intermittent	Too much clearance in bearing	Use correct shaft fit. For radial bearings, use bearing with less internal clearance. For preloaded paired bearings, use heavier preload.
		Bearing brinelled	Replace bearing, avoid brinelling.
		Raceways pitted due to dirt	Wash all parts, replace with new bearing. Use clean lubricant and improve seals (or consider solid lube).
		Resonant vibration of machine structure	Stiffen or sound-dampen thin panels and large flat surfaces.
	Intermittent squeal or high pitch noise	Balls skidding	Provide thrust preload spring. Use thinner grease, use bearing with less internal clearance. For preloaded paired bearings, check for incorrect preload.
		Shaft rubbing housing	Correct seals and machine parts.
	Intermittent rumbles, rattles, clicks, etc.	Too much clearance in bearing	Use correct shaft fit. For radial bearings, use bearing with less internal clearance. For preloaded paired bearings, use heavier preload.
		Dirt in bearing	Wash all parts, replace with new bearing. Use clean lubricant and improve seals (or consider solid lube).
		Loose machine parts	Tighten all fans, pulleys, closures, spacers, slingers, etc.
Temperature	High after first start	Grease redistribution	Allow machine to cool. Restart.
	Continuously high during operation	Churning of lubricant	Use lower oil level, less grease, stiffer grease.
		No lubricant	Add lubricant, or replace lubricator/applicator if empty.
		Excessive axial load	Correct outer ring fit in housing and/or shoulder location to allow thermal expansion.
		Excessive radial load	Use correct fit of inner ring on shaft. For radial bearings, use bearing with greater internal clearance. For pre-loaded paired bearings, use lighter preload.
		Bearing misalignment	Correct machine parts and alignment procedures.
		Excessive seal drag or improper use of solid lube.	Use different type of seal. Switch away from solid lube grease if operating speed exceeds maximum recommended levels.

Note: The following tables list common types of bearing operating problems, typical causes and suggested corrective measures. If these recommendations do not resolve the issue, contact your NTN representative for assistance.

Continued next page …

Analysis of Bearing Operating Problems (continued)			
Issue	**Observed Characteristic**	**Probable Cause**	**Corrective Action**
Excessive Vibration	During acceleration or deceleration periods	Critical speeds of machine components	Stiffen shaft or other machine component to avoid critical speeds.
	During operation at fixed speeds	Unbalanced rotating parts	Dynamically balance rotating parts.
		Shaft bent	Straighten and rebalance.
		Cams, gears, linkage	Adjust, improve or redesign.
		Bearing misalignment	Correct machine parts and alignment procedures.
		Bearing brinelled	Replace bearing, avoid brinelling.
Runout	Shaft does not run true. Shaft binds when rotated by hand.	Shaft bent	Straighten and rebalance.
		Bearing misalignment	Correct machine parts and alignment procedures.
		Bearing rings out of square	Check squareness of shaft and housing shoulders, spacers and flingers, etc.
		Dirt in bearing	Wash all parts, replace with new bearing. Use clean lubricant and improve seals.
		Machine deflection	Stiffen machine members
Inner Ring Wears Loose on Shaft	Wear of the shaft seat	Incorrect shaft fit	Use recommended shaft fit.
		Poor shaft finish	Smooth turn or grind shaft to size after metal-spraying or chrome plating.
Outer Ring Wears Loose in Housing	Wear in housing bore	Housing fit too loose	Use recommended housing fit.
		Unbalanced forces	Dynamically balance rotating parts.
		Poor finish	Bore or grind housing I.D. oversize, press in a bushing and finish bore or grind to size.
		Soft housing material	Use steel liners. Work-harden bore.

Note: The following tables list common types of bearing operating problems, typical causes and suggested corrective measures. If these recommendations do not resolve the issue, contact your NTN representative for assistance.

FREQUENTLY ASKED QUESTIONS

General Questions

Where is the nearest distributor or field sales person?
Contact customer service at 1-800-323-2358 and they can put you in touch with the area sales representative or local distributor. Or, search for an NTN Authorized Distributor at www.ntnamericas.com.

Does NTN have field engineering support?
NTN does provide engineering field support to our customers. Contact your local NTN sales representative to arrange a visit.

What factors should be considered when choosing a bearing?
All application data (load speeds, orientation, etc.), intended use and environmental conditions should all be addressed when selecting the appropriate bearing solution.

Are BCA parts/drawings going to be available (e.g. agriculture inserts)?
Insert bearings such as the hex, round and square bore types have been converted over to NTN branded type, while the flange and grommet bearing types are still available. Refer to the agriculture section and appendices for part number and cross reference details.

Where are specific bearing types manufactured, plant by plant?
NTN has manufacturing plants in Asia, the Americas, and Europe that produce a wide variety of product types. Contact NTN Engineering for specific bearing inquiries.

Ball Bearing Units and Inserts

What does LD1NR mean?
LD1NR is the current suffix used on cylindrical outer ring bearing unit inserts. The “L” indicates that it meets Japanese Industrial Specifications. The “D1” indicates that the insert has a re-lubrication feature. The “NR” indicates that the insert has a snap ring groove and snap ring on the outer diameter. Additional explanation of suffixes can be found on the Standard Series Nomenclature on page 50.

Does NTN still carry the GNP, GSF and GSFT series of thermoplastic units?
NTN has adopted new part numbering for the thermoplastic series, which is found in the Corrosion Resistant section of the catalog and in this Appendices section on page 304. Both the NTN and SNR Series are still recognized by NTN for ordering purposes, but all parts are promoted against the NTN Series in order to be consistent with industry equivalents.

- GNP pillow blocks are now categorized under industry series number MUCPPL.
- GSF four-bolt flanges are now categorized under industry series number MUCFPL.
- GSFT two-bolt flanges are now categorized under industry series number MUCNFL.

What is the difference between the “FG1” and “SL” suffix for food grade solid lube?
These are interchangeable suffixes to indicate a bearing contains food grade solid lube. The “SL” suffix is an internal reference used by NTN, while the “FG1” suffix is the industry standard that is referenced in this catalog.

Spherical Roller Bearing Inserts

What is the difference between B-type and E-type spherical roller bearings?

The B-type spherical roller bearing has asymmetric rollers guided by an inner ring center rib for better skewing control. E-type spherical roller bearings employ larger symmetric roller for increased load capacity, fast becoming the industry standard. E-type bearings are currently available for all inserts with 420mm outer diameter and smaller, although larger sized inserts may be available in the near future. Contact NTN Engineering for additional technical detail on NTN spherical roller bearing inserts.

What is the difference between W33 versus D1 oil groove characteristics for spherical roller bearing inserts?

The SNR and NTN styles of E-type offer only a single differentiating characteristic in the oil groove geometry of the bearing. The D1 style follows the Japan industry standard. This varies slightly from the SNR W33 version in that it has four oil holes for lubricant to pass through as opposed to three. As the W33 is considered the US industry standard, and therefore uses the style with less oil holes, there will be no issue with specifying a D1 design where a W33 may currently be used.

Grease and Lubrication

What does the grease code identify?

The grease code on a bearing number typically indicates the manufacturer, brand and fill quantity.

What are NTN's standard greases?

Shell Alvania 2S (2AS), Kyodo Yushi Multitemp SRL (5K) and Shell Alvania 3S (3AS) are considered as NTN's standard greases. USDA H1 grade grease is used for all corrosion resistant bearing unit offerings. Refer to the appendices for additional details on grease codes, offerings and characteristics.

How much grease is too much?

For general applications, a grease fill of 30% of the free space in the bearing is accepted as standard by most manufacturers. Slow speed applications in harsh environments (such as agricultural machinery) can sometimes require a larger fill, or solid lube grease (pre-filled by NTN). High-speed applications can use a lesser fill amount. Check with NTN Engineering for any special requirements.

What grease can be used when performing maintenance on mounted units?

Standard bearing unit inserts are pre-lubed with a lithium soap grease (Shell Alvania 3AS). Re-lubrication should be a grease with the same soap/thickener (lithium). Refer to the appendices for additional details on grease offerings and characteristics.

Units	
Metric	mm
Standard	inches

Single Row Deep Groove Ball Bearings – Cylindrical Bore (Metric)

Nominal Bore d (mm)		C2 Less than Normal Clearance		— Normal Clearance		C3 Greater than Normal Clearance		C4 Greater than C3 Clearance	
Over	Incl.	Low	High	Low	High	Low	High	Low	High
—	2.5	—	6	4	11	10	20	—	—
2.5	10	—	7	2	13	8	23	—	—
10	18	—	9	3	18	11	25	18	33
18	24	—	10	5	20	13	28	20	36
24	30	—	11	5	20	13	28	23	41
30	40	—	11	6	20	15	33	28	46
40	50	—	11	6	23	18	36	30	51
50	65	—	15	8	28	23	43	38	61
65	80	—	15	10	30	25	51	46	71
80	100	—	18	12	36	30	58	53	84
100	120	—	20	15	41	36	66	61	97
120	140	—	23	18	48	41	81	71	114
140	160	—	23	18	53	46	91	81	130
160	180	—	25	20	61	53	102	91	147
180	200	—	30	25	71	63	117	107	163

Clearance limits in 0.001 mm.

Single Row Deep Groove Ball Bearings – Cylindrical Bore (Inch)

Nominal Bore d (mm)		C2 Less than Normal Clearance		— Normal Clearance		C3 Greater than Normal Clearance		C4 Greater than C3 Clearance	
Over	Incl.	Low	High	Low	High	Low	High	Low	High
—	0.0984	—	2.4	1.6	4.3	3.9	7.9	—	—
0.0984	0.3937	—	2.8	0.8	5.1	3.1	9.1	—	—
0.3937	0.7087	—	3.5	1.2	7.1	4.3	9.8	7.1	13
0.7087	0.9449	—	3.9	2	7.9	5.1	11	7.9	14.2
0.9449	1.1811	—	4.3	2	7.9	5.1	11	9.1	16.1
1.1811	1.5748	—	4.3	2.4	7.9	5.9	13	11	18.1
1.5748	1.9685	—	4.3	2.4	9.1	7.1	14.2	11.8	20.1
1.9685	2.5591	—	5.9	3.1	11	9.1	16.9	15	24
2.5591	3.1496	—	5.9	3.9	11.8	9.8	20.1	18.1	28
3.1496	3.937	—	7.1	4.7	14.2	11.8	22.8	20.9	33.1
3.937	4.7244	—	7.9	5.9	16.1	14.2	26	24	38.2
4.7244	5.5118	—	9.1	7.1	18.9	16.1	31.9	28	44.9
5.5118	6.2993	—	9.1	7.1	20.9	18.1	35.8	31.9	51.2
6.2992	7.0866	—	9.8	7.9	24	20.9	40.2	35.8	57.9

Clearance limits at 0.0001 inch.

Units	
Metric	mm
Standard	inches

Spherical Roller Bearings – Cylindrical Bore (Metric)

Nominal Bore d (mm)		C2 Less than Normal Clearance		— Normal Clearance		C3 Greater than Normal Clearance		C4 Greater than C3 Clearance	
Over	Incl.	Low	High	Low	High	Low	High	Low	High
30	40	15	30	30	45	45	60	60	80
40	50	20	35	35	55	55	75	75	100
50	65	20	40	40	65	65	90	90	120
65	80	30	50	50	80	80	110	110	145
80	100	35	60	60	100	100	135	135	180
100	120	40	75	75	120	120	160	160	210
120	140	50	95	95	145	145	190	190	240
140	160	60	110	110	170	170	220	220	280
160	180	65	120	120	180	180	240	240	310
180	200	70	130	130	200	200	260	260	340
200	225	80	140	140	220	220	290	290	380
225	250	90	150	150	240	240	320	320	420
250	280	100	170	170	260	260	350	350	460
280	315	110	190	190	280	280	370	370	500
315	355	120	200	200	310	310	410	410	550
355	400	130	220	220	340	340	450	450	600
400	450	140	240	240	370	370	500	500	660
450	500	140	260	260	410	410	550	550	720
500	560	150	280	280	440	440	600	600	780
560	630	170	310	310	480	480	650	650	850
630	710	190	350	350	530	530	700	700	920
710	800	210	390	390	580	580	770	770	1010
800	900	230	430	430	650	650	860	860	1120
900	1000	260	480	480	710	710	930	930	1220

Clearance limits in 0.001 mm.

Spherical Roller Bearings – Cylindrical Bore (Inch)

Nominal Bore d (mm)		C2 Less than Normal Clearance		— Normal Clearance		C3 Greater than Normal Clearance		C4 Greater than C3 Clearance	
Over	Incl.	Low	High	Low	High	Low	High	Low	High
1.1811	1.5748	5.9	11.8	11.8	17.7	17.7	23.6	23.6	31.5
1.5748	1.9685	7.9	13.8	13.8	21.7	21.7	29.5	29.5	39.4
1.9685	2.5591	7.9	15.7	15.7	25.6	25.6	35.4	35.4	47.2
2.5591	3.1496	11.8	19.7	19.7	31.5	31.5	43.3	43.3	57.1
3.1496	3.9370	13.8	23.6	23.6	39.4	39.4	53.1	53.1	70.9
3.9370	4.7244	15.7	29.5	29.5	47.2	47.2	63.0	63.0	82.7
4.7244	5.5118	19.7	37.4	37.4	57.1	57.1	74.8	74.8	94.5
5.5118	6.2992	23.6	43.3	43.3	66.9	66.9	86.6	86.6	110.2
6.2992	7.0866	25.6	47.2	47.2	70.9	70.9	94.5	94.5	122.0
7.0866	7.8740	27.6	51.2	51.2	78.7	78.7	102.4	102.4	133.9
7.8740	8.8583	31.5	55.1	55.1	86.6	86.6	114.2	114.2	149.6
8.8583	9.8425	35.4	59.1	59.1	94.5	94.5	126.0	126.0	165.4
9.8425	11.0236	39.4	66.9	66.9	102.4	102.4	137.8	137.8	181.1
11.0236	12.4016	43.3	74.8	74.8	110.2	110.2	145.7	145.7	196.9
12.4016	13.9764	47.2	78.7	78.7	122.0	122.0	161.4	161.4	216.5
13.9764	15.7480	51.2	86.6	86.6	133.9	133.9	177.2	177.2	236.2
15.7480	17.7165	55.1	94.5	94.5	145.7	145.7	196.9	196.9	259.8
17.7165	19.6850	55.1	102.4	102.4	161.4	161.4	216.5	216.5	283.5
19.6850	22.0472	59.1	110.2	110.2	173.2	173.2	236.2	236.2	307.1
22.0472	24.8031	66.9	122.0	122.0	189.0	189.0	255.9	255.9	334.6
24.8031	27.9528	74.8	137.8	137.8	208.7	208.7	275.6	275.6	362.2
27.9528	31.4961	82.7	153.5	153.5	228.3	228.3	303.1	303.1	397.6
31.4961	35.4331	90.6	169.3	169.3	255.9	255.9	338.6	338.6	440.9
35.4331	39.3701	102.4	189.0	189.0	279.5	279.5	366.1	366.1	480.3

Clearance limits at 0.0001 inch.

Units	
Metric	mm
Standard	inches

Spherical Roller Bearings – Tapered Bore (Metric)

Nominal Bore d (mm)		C2 Less than Normal Clearance		— Normal Clearance		C3 Greater than Normal Clearance		C4 Greater than C3 Clearance	
Over	Incl.	Low	High	Low	High	Low	High	Low	High
30	40	25	35	35	50	50	65	65	85
40	50	30	45	45	60	60	80	80	100
50	65	40	55	55	75	75	95	95	120
65	80	50	70	70	95	95	120	120	150
80	100	55	80	80	110	110	140	140	180
100	120	65	100	100	135	135	170	170	220
120	140	80	120	120	160	160	200	200	260
140	160	90	130	130	180	180	230	230	300
160	180	100	140	140	200	200	260	260	340
180	200	110	160	160	220	220	290	290	370
200	225	120	180	180	250	250	320	320	410
225	250	140	200	200	270	270	350	350	450
250	280	150	220	220	300	300	390	390	490
260	315	170	240	240	330	330	430	430	540
315	355	190	270	270	360	360	470	470	590
355	400	210	300	300	400	400	520	520	650
400	450	230	330	330	440	440	570	570	720
450	500	260	370	370	490	490	630	630	790
500	560	290	410	410	540	540	680	680	870
560	630	320	460	460	600	600	760	760	980
630	710	350	510	510	670	670	850	850	1090
710	800	390	570	560	750	750	960	960	1220
800	900	440	640	640	840	840	1070	1070	1370
900	1000	490	710	710	930	930	1190	1190	1520

Clearance limits in 0.001 mm.

Spherical Roller Bearings – Tapered Bore (Inch)

Nominal Bore d (mm)		C2 Less than Normal Clearance		— Normal Clearance		C3 Greater than Normal Clearance		C4 Greater than C3 Clearance	
Over	Incl.	Low	High	Low	High	Low	High	Low	High
1.1811	1.5748	9.8	13.8	13.8	19.7	19.7	25.6	25.6	33.5
1.5748	1.9685	11.8	17.7	17.7	23.6	23.6	31.5	31.5	39.4
1.9685	2.5591	15.7	21.7	21.7	29.5	29.5	37.4	37.4	47.2
2.5591	3.1496	19.7	27.6	27.6	37.4	37.4	47.2	47.2	59.1
3.1496	3.9370	21.7	31.5	31.5	43.3	43.3	55.1	55.1	70.9
3.9370	4.7244	25.6	39.4	39.4	53.1	53.1	66.9	66.9	86.6
4.7244	5.5118	31.5	47.2	47.2	63.0	63.0	78.7	78.7	102.4
5.5118	6.2992	35.4	51.2	51.2	70.9	70.9	90.6	90.6	118.1
6.2992	7.0866	39.4	55.1	55.1	78.7	78.7	102.4	102.4	133.9
7.0866	7.8740	43.3	63.0	63.0	86.6	86.6	114.2	114.2	145.7
7.8740	8.8583	47.2	70.9	70.9	98.4	98.4	126.0	126.0	161.4
8.8583	9.8425	55.1	78.7	78.7	106.3	106.3	137.8	137.8	177.2
9.8425	11.0236	59.1	86.6	86.6	118.1	118.1	153.5	153.5	192.9
11.0236	12.4016	66.9	94.5	94.5	129.9	129.9	169.3	169.3	212.6
12.4016	13.9764	74.8	106.3	106.3	141.7	141.7	185.0	185.0	232.3
13.9764	15.7480	82.7	118.1	118.1	157.5	157.5	204.7	204.7	255.9
15.7480	17.7165	90.6	129.9	129.9	173.2	173.2	224.4	224.4	283.5
17.7165	19.6850	102.4	145.7	145.7	192.9	192.9	248.0	248.0	311.0
19.6850	22.0472	114.2	161.4	161.4	212.6	212.6	267.7	267.7	342.5
22.0472	24.8031	126.0	181.1	181.1	236.2	236.2	299.2	299.2	385.8
24.8031	27.9528	137.8	200.8	200.8	263.8	263.8	334.6	334.6	429.1
27.9528	31.4961	153.5	224.4	224.4	295.3	295.3	378.0	378.0	480.3
31.4961	35.4331	173.2	252.0	252.0	330.7	330.7	421.3	421.3	539.4
35.4331	39.3701	192.9	279.5	279.5	366.1	366.1	468.5	468.5	598.4

Clearance limits at 0.0001 inch.

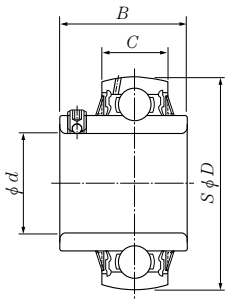
Units	
Metric	μm
Standard	0.0001 inch

Cylindrical Bore (UC, UCS, AS, ASS, UEL, UELS, AEL, AELS Series)

Nominal Bore Dia. d		Mean Bore Dia. Deviation Δdmp		Bore Dia. Deviation Vdp	Inner Width Deviation, ΔBs Outer Width Deviation, ΔCs		Radial Runout (Ref) Kia
Over	Includes	High	Low	Maximum	High	Low	Maximum
10	18	+15	0	10	0	-120	15
0.394	0.709	+6	0	4	0	-47	6
18	31.8	+18	0	12	0	-120	18
0.709	1.250	+7	0	5	0	-47	7
31.8	50.8	+21	0	14	0	-120	20
1.250	2.000	+8	0	6	0	-47	8
50.8	80	+24	0	16	0	-150	25
2.000	3.150	+9	0	6	0	-59	10
80	120	+28	0	19	0	-200	30
3.150	4.724	+11	0	7	0	-79	12
120	180	+33	0	22	0	-250	35
4.724	7.087	+13	0	9	0	-98	14

Cylindrical Bore (AR, ARS, JEL, JELS, REL, RELS Series)

Nominal Bore Dia. d		Mean Bore Dia. Deviation Δdmp		Bore Dia. Deviation Vdp
Over	Includes	High	Low	Maximum
10	18	+13	0	6
0.394	0.709	+5	0	2
18	31.8	+13	0	6
0.7087	1.25	+5	0	2
31.8	50.8	+13	0	6
1.250	2.000	+5	0	2
50.8	80	+15	0	8
2.000	3.150	+6	0	3



Set Screw Type

Cylindrical Bore (CS Series)

Nominal Bore Dia. d		Cylindrical Bore			Width ΔBs, ΔCs Deviation		Radial Runout Kia
		Δdmp Deviation		Vdp Variation			
Over	Includes	High	Low	Maximum	High	Low	Maximum
10	18	0	-8	10	0	-120	15
0.394	0.709	0	-3	4	0	-47	6
18	31.8	0	-10	12	0	-120	18
0.7087	1.25	0	-4	5	0	-47	7
31.8	50.8	0	-12	14	0	-120	20
1.250	2.000	0	-5	6	0	-47	8
50.8	80	0	-15	16	0	-150	25
2.000	3.150	0	-6	6	0	-59	10

d1 Basic diameter at the end of the tapered bore

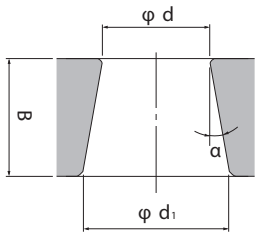
Δdmp Dimensional difference of the average bore diamter within the flat surface at the theoretical small-end of the tapered bore

Δd1mp Dimensional difference of the average bore diamter within the flat surface at the theoretical large-end of the tapered bore

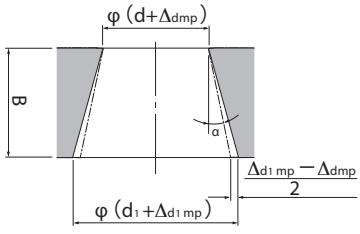
Vdp Unevenness of the bore diameter with the flat surface

B Nominal width of inner ring

a Half of the tapered bore nominal taper angle



Tapered bore having dimensional difference of the average bore diameter within the flat surface



Theoretical tapered bore

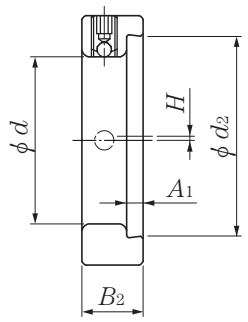
Units	
Metric	μm
Standard	0.0001 inch

Outer Ring

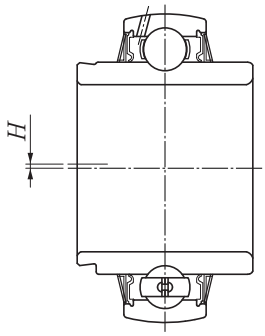
Nominal Outside Dia. d		Mean Outside Dia. Deviation ΔDm		Radial Runout Kea (Ref)
Over	Includes	High	Low	Maximum
18	30	0	-9	15
0.709	1.181	0	-4	6
30	50	0	-11	20
1.181	1.969	0	-4	8
50	80	0	-13	25
1.969	3.150	0	-5	10
80	120	0	-15	35
3.150	4.724	0	-6	14
120	150	0	-18	40
4.724	5.906	0	-7	16
150	180	0	-25	45
5.906	7.087	0	-10	18
180	250	0	-30	50
7.087	9.843	0	-12	20
250	315	0	-35	60
9.843	12.402	0	-14	24

Eccentric Locking Collar

Nominal Bore Dia. d		Mean Bore Dia. Deviation Δds		Small Bore Dia. Of Eccentric Surface Deviation Δd2s		Eccentricity Deviation ΔHs		Collar Width Deviation ΔB2s		Collar Eccentric Surface Width Deviation ΔA1s	
Over	Includes	High	Low	High	Low	High	Low	High	Low	High	Low
10	36.5	+.250	+.025	+.300	0	+.100	-.100	+.270	-.270	0	-.180
0.394	1.438	+.010	+.001	+.012	0	+.004	-.004	+.011	-.011	0	-.007
36.5	55.6	+.300	+.025	+.400	0	+.100	-.100	+.330	-.330	0	-.180
1.438	2.188	+.012	+.001	+.016	0	+.004	-.004	+.013	-.013	0	-.007
55.6	61.9	+.300	+.025	+.400	0	+.100	-.100	+.330	.330	0	-.220
2.1875	2.4375	+.012	+.001	+.016	0	+.004	-.004	+.013	-.013	0	-.009



Eccentric locking collar



Eccentric locking collar type

Units	
Metric	μm
Standard	0.0001 inch

Spherical Bore Diameter of Housings

Nominal Spherical Bore Diameter Da		Da Deviations ΔDam					
		Tolerance Class H7		Tolerance Class J7		Tolerance Class K7	
Over	Includes	High	Low	High	Low	High	Low
30	50	+25	0	+14	-11	+7	-18
1.1811	1.9685	+10	0	+6	-4	+3	-7
50	80	+30	0	+18	-12	+9	-21
1.9685	3.1496	+12	0	+7	-5	+4	-8
80	120	+35	0	+22	-13	–	–
3.1496	4.7244	+14	0	+9	-5		
120	180	+40	0	+26	-14	–	–
4.7244	7.0866	+16	0	+10	-6		
180	250	+46	0	+30	-16	–	–
7.0866	9.8425	+18	0	+12	-6		
250	315	+52	0	+36	-16	–	–
9.8425	12.4016	+20	0	+14	-6		

Note: Symbols ΔDam: Mean spherical bore diameter deviation. Dimensional tolerances for spherical bore diameter of housing are classified as H7 for clearance fit, and J7 for intermediate fit. The housing bore diameter for a spherical OD bearing insert would use the following fit;
Housing bore diameter ≤ 52mm : K7 fit
52mm < Housing bore diameter ≤180mm : J7 fit
Housing bore diameter > 180mm : H7 fit

Units	
Metric	mm
Standard	inches

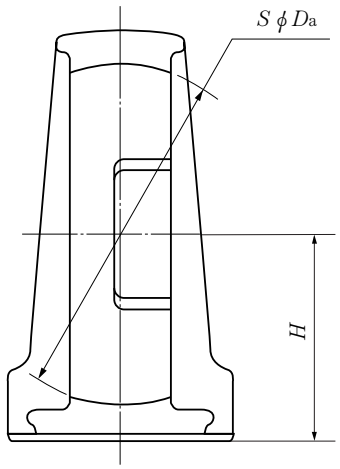
Pillow Block Housings

Housing Numbers			H Deviations ΔHs
P, IP, HP, UP, PB, PM, PL, PE, PG, IPG	P, IP, PG, IPG	P	
201	–	–	±0.15 ±0.006
203	–	–	
204	–	–	
205	305	X05	
206	306	X06	
207	307	X07	
208	308	X08	
209	309	X09	
210	310	X10	±0.2 ±0.008
211	311	X11	
212	312	X12	
213	313	X13	
214	314	X14	
215	315	X15	
216	316	X16	
217	317	X17	
218	318	X18	
–	319	–	±0.3 ±0.012
–	320	X20	
–	321	–	
–	322	–	
–	324	–	
–	326	–	
–	328	–	

Note: H is height of the shaft center line. This table can be applied for bearing units with dust covers.

Pillow Block Resin Housings

Housing Numbers	H Deviations ΔHs
PR204	±0.25 ±0.010
PR205	
PR206	
PR207	
PR208	



Units	
Metric	mm
Standard	inches

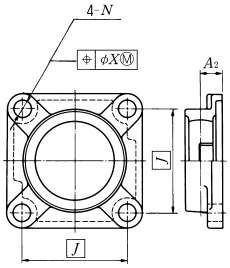
Flange Unit Housings

Housing Numbers			Location Tolerance of Bolt Hole	A_2 Deviations $\Delta A_2 s$	H_3 Deviations						Radial Runout of Spigot Joint Δis (max.)
					FC2, FCG2		FS3, FSG3		FCX		
F, FU, FC, FL, FLU, FB, FM, FD, FG, FCG, FLG	F, FL, FS, FG, FLG, FSG	F, FC, FL			High	Low	High	Low	High	Low	
201 204	– –	– –	0.7 0.028	±0.5 ±0.020	0 0	-0.046 -0.0018	–	–	–	–	0.2 0.008
205	305	X05	0.7 0.028	±0.5 ±0.020	0 0	-0.046 -0.0018	0 0	-0.046 -0.0018	0 0	-0.046 -0.0018	0.2 0.008
206	306	X06	0.7 0.028	±0.5 ±0.020	0 0	-0.046 -0.0018	0 0	-0.054 -0.0021	0 0	-0.054 -0.0021	0.2 0.008
207 208	307 308	X07 X08	0.7 0.028	±0.5 ±0.020	0 0	-0.054 -0.0021	0 0	-0.054 -0.0021	0 0	-0.054 -0.0021	0.2 0.008
209 210	309 310	X09 X10	0.7 0.028	±0.5 ±0.020	0 0	-0.054 -0.0021	0 0	-0.063 -0.0025	0 0	-0.054 -0.0021	0.2 0.008
211 212	311 312	X11 X12	1 0.039	±0.8 ±0.032	0 0	-0.063 -0.0025	0 0	-0.063 -0.0025	0 0	-0.063 -0.0025	0.3 0.012
213 214	313 314	X13 X14	1 0.039	±0.8 ±0.032	0 0	-0.063 -0.0025	0 0	-0.072 -0.0028	0 0	-0.063 -0.0025	0.3 0.012
215 216	315 316	X15 X16	1 0.039	±0.8 ±0.032	0 0	-0.063 -0.0025	0 0	-0.072 -0.0028	0 0	-0.072 -0.0028	0.3 0.012
217	317	X17	1 0.039	±0.8 ±0.032	0 0	-0.063 -0.0025	0 0	-0.072 -0.0028	0 0	-0.072 -0.0028	0.3 0.012
218	318	X18	1 0.039	±0.8 ±0.032	0 0	-0.072 -0.0028	0 0	-0.072 -0.0028	0 0	-0.072 -0.0028	0.3 0.012
– –	319 320	– X20	1 0.039	±0.8 ±0.032	–	–	0 0	-0.081 -0.0032	0 0	-0.072 -0.0028	0.4 0.016
– –	321 322	– –	1 0.039	±0.8 ±0.032	–	–	0 0	-0.081 -0.0032	–	–	0.4 0.016
– – –	324 326 328	– – –	1 0.039	±0.8 ±0.032	–	–	0 0	-0.089 -0.0035	–	–	0.4 0.016

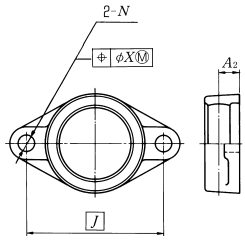
Note: J is the bolt hole's center line dimension, and P,C,D. A2 is distance between the center line of spherical bore diameter of the housing and mounting surfaces, and H3 is outside diameter of the spigot joint. Radial runout of spigot joint is applied for flange units with spigot joints. This table can be applied for bearing units with dust covers.

Flange Unit Housings (Diameter of Bolt Hole)

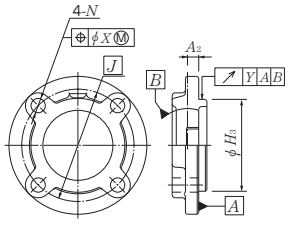
Housing Type	Nominal bore diameter N		N Deviatiors ΔNs
	Over	Includes	
F, FL, FC, FS, FB, FD, FA, FH, FU, FLU, FM, FG, FLG, FCG, FSG	–	30	±0.2
	–	1.1811	±0.008
	30	51	±0.3
	1.1811	2.008	±0.012



(F, FU, FS, FG, FSG)



(FL, FLU, FB, FM, FD, FLG)



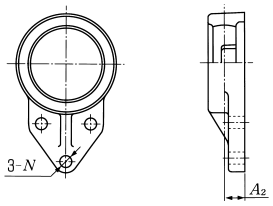
(FC)

Units	
Metric	mm
Standard	inches

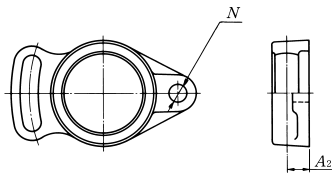
Flanged Units Housings (FH, FA, PF, PFL)

Housing Numbers	A_2 Deviations ΔA_{2s}	Housing Numbers	J Deviations ΔJ_s	N Deviations ΔN_s
–	±0.5 ±0.020	PF203	±0.4 ±0.016	±0.25 ±0.010
FH, FA204		PF204		
FH, FA205		PF205		
FH, FA206		PF206		
FH, FA207		PF207		
FH, FA208		PF208		
FH, FA209		PFL203		
FH, FA210		PFL204		
–		PFL205		
FA211	±0.8 ±0.032	PFL206 PFL207		

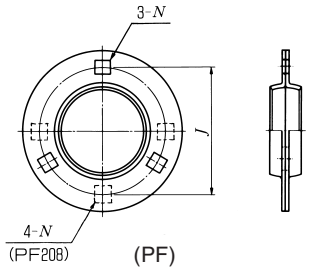
Note: A2 is distance between the center line of spherical bore diameter of housings. J is the bolt hole's center line dimension.



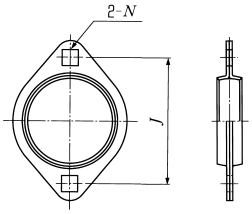
(FH)



(FA)



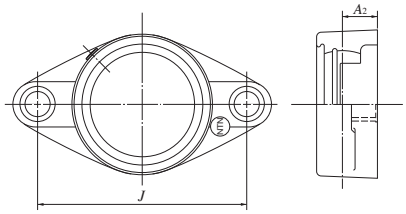
(PF)



(PFL)

Flanged Units Housings (FLR)

Housing Numbers	J Deviations ΔJ_s	A_2 Deviations ΔA_{2s}
FLR204	±0.7 ±0.028	±0.5 ±0.020
FLR205		
FLR206		
FLR207		
FLR208		

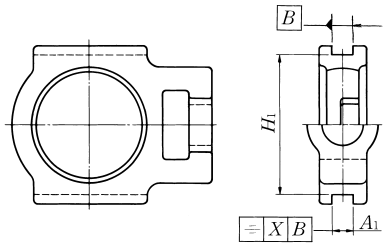


(FLR)

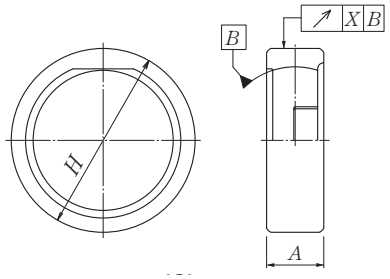
Units	
Metric	mm
Standard	inches

Take-up Unit Housings (T, TG)

Housing Numbers			A_2 Deviations ΔA_2s	H_1 Deviations ΔH_1s		Parallelism of Guide
T, TG	T, TG	T		High	Low	
204	–	–	+0.2 0 +0.008 0	0 0	-0.5 -0.020	-0.5 -0.020
205	305	X05				
206	306	X06				
207	307	X07				
208	308	X08				
209	309	X09				
210	310	X10				
211	311	X11	+0.3 0 +0.012 0	0 0	-0.8 -0.032	0.6 0.024
212	312	X12				
213	313	X13				
214	314	X14				
215	315	X15				
216	316	X16				
217	317	X17				
–	318	–				
–	319	–				
–	320	–				0.7 0.028
–	321	–				
–	322	–				
–	324	–				0.8 0.032
–	326	–				
–	328	–				



(T, TG)



(C)

Note: A_1 is the width of guide rail grooves. H_1 is the maximum span of guide rail grooves. This table can be applied for bearing units with dust covers.

Cartridge Unit Housings (C)

Housing Numbers			H Deviations ΔHs						Radial Runout of Outside Surface	A Deviations ΔAs
			C2		C3		CX			
			High	Low	High	Low	High	Low		
C204	–	–	0 0	-0.030 -0.0012	–	–	–	–	0.2 0.008	±0.2 ±0.008
C205	C305	CX05								
C206	C306	CX06	0 0	-0.035 -0.0014	0 0	-0.035 -0.0014	0 0	-0.035 -0.0014		
C207	C307	CX07								
C208	C308	CX08								
C209	C309	CX09			0 0	-0.040 -0.0016	0 0	-0.040 -0.0016	0.3 0.012	±0.3 ±0.012
C210	C310	CX10								
C211	C311	CX11	0 0	-0.040 -0.0016						
C212	C312	CX12								
C213	C313	–	–	–	0 0	-0.046 -0.0018	–	–		
–	C314	–								
–	C315	–								
–	C316	–								
–	C317	–								
–	C318	–								
–	C319	–								
–	C320	–			0 0	-0.052 -0.0020			0.4 0.016	
–	C321	–								
–	C322	–								
–	C324	–			0 0	-0.057 -0.0022				
–	C326	–								
–	C328	–								

Note: 1) H is the outside diameter of cartridge housings.
2) A is width of cartridge housings.

Ultra-Class / Standard "Green Line" Interchange

NTN Series	Type	Dodge	Fafnir	Hub City	Linkbelt	NSK	Sealmaster	SKF
AELPP	Pillow Block	P2B-SLX	PB	–	–	ENPP	–	SP
AELRPP	Pillow Block	–	RPB	–	–	–	–	SRP
ASPP	Pillow Block	P2B-SL	–	–	–	UBPP	SSP	–
ASRPP	Pillow Block	–	–	–	–	UBPPR	LRP	–
UCP	Pillow Block	P2B-SC	YAS	PB251	P3U	UCP	NP	SY-TM
UCPL	Pillow Block	P2B-SCB	YAK	PB250	PL3-U	–	NPL	SYM-TM
UCPX	Pillow Block	P2B-SCM	RAKH	PB350	–	–	MP	SYM-TM
ARP	Pillow Block	–	–	–	–	–	–	–
ARPL	Pillow Block	–	–	–	–	–	–	–
UELP	Pillow Block	P2B-SXR	RAS	PB221	P3-Y	EWP	RP-E	SY-WM
UELPL	Pillow Block	P2B-SXRB	RAK	PB220	PL3-Y	–	RPL-E	SYH-WM
JELP	Pillow Block	–	–	–	–	–		–
JELPL	Pillow Block	–	–	–	–	–	–	–
AELFD	2-Bolt Flange	–	FLCT	–	–	–	–	–
AELPFL	2-Bolt Flange	F2B-SLX	RAT	–	–	ENPFL	–	FTP
ASPFL	2-Bolt Flange	F2B-SL	–	–	–	UBPFL	SSFT	–
UCFL, UCFLU	2-Bolt Flange	F2B-SC	YCJT	FB260	FX3-U	UCFL	SFT	FYT-TM
UCFLUX	2-Bolt Flange	F2B-SCM	YCJTM	–	–	–	MSFT	–
ARFLU	2-Bolt Flange	–	–	–	–	–	–	–
UELFLU	2-Bolt Flange	F2B-SXR	RCJT	FB230	FX3-Y	–	RFT-E	FYTM-TM
JELFLU	2-Bolt Flange	–	–	–	–	–	–	–
AELPF	3-Bolt Flange	F3B-SLX	RA	–	–	ENPF	–	FP
ASPF	3-Bolt Flange	F3B-SL	–	–	–	UBPF	SSF	–
UCF, UCFU	4-Bolt Flange	F4B-SC	YCJ	FB250	F3-U	UCF	SF	FY-TM
UCFUX	4-Bolt Flange	F4B-SCM	YCJM	FB350	–	–	MSF	–
UELFU	4-Bolt Flange	F4B-SXR	RCJ	FB220	F3-Y	–	RF-E	FYM-TM
ARFU	4-Bolt Flange	–	–	–	–	–	–	–
JELFU	4-Bolt Flange	–	–	–	–	–	–	–
AEL	Insert	–	RA-NPPB	B200	W200U	EN	–	478200
AELS	Insert	–	RA-NPP	–	WB200U	–	–	–
AR2	Insert	–	–	–	–	–	–	–
AS	Insert	–	–	B100	–	UB	L	–
ASS	Insert	–	–	–	–	–	SL	–
JEL2	Insert	–	–	–	–	–	–	–
UC	Insert	INS-SC	GC-KRRB	B250	UG200NL	UC	2-000	479200
UCS	Insert	–	GC-KRRG	–	UBG200NL	UR	ER	–
UCX	Insert	INS-SCM	–	B350	–	–	3-000	–
UEL	Insert	INS-SXR	G-KRRB	B220	YG200N	EW	–	477200
UELS	Insert	–	G-KRR	–	YGB200N	–	–	–

Corrosion Resistant Interchange

NTN Series	Type	AMI	Browning	Dodge	MRC	NSK/RHP	PEER	SKF
MUCPPL	Pillow Block	MUCPPL	CPS-S200	P2B-SCEZ-PSS	CPB100-SS	PNP-CR	SUCP200-PBT	SYK-TH/GFA
SUCP	Pillow Block	MUCP	SPS-S200	P2B-SCEZ-SHSS	SPB100-SS	–	SSUCP200	–
ZUCPPL	Pillow Block	UCPPL	CPS-Z200	P2B-SCEZ-PCR	CPB100-ZM	–	ZUCP200-PBT	–
SUCPA	Tapped Base	MUCTB	STBS-S200	–	STB100-SS	–	SSUCPA200	–
MUCNFL	2-Bolt Flange	MUCNFL	CF2S-S200	F2B-SCEZ-PSS	C2F100-SS	PSFT-CR	SUCFL200-PBT	FYK-TH/GFA
SUCFL	2-Bolt Flange	MUCFL	SF2S-S200	F2B-SCEZ-SHSS	S2F100-SS	–	SSUCFT200	–
ZUCNFL	2-Bolt Flange	UCNFL	CF2S-Z200	F2B-SCEZ-PCR	C2F100-ZM	–	ZUCFL200-PBT	–
MUCFBL	3-Bolt Flange	MUCFBL	–	FB-SCEZ-PSS	CBF100-SS	–	SUCFB200-PBT	–
ZUCFBL	3-Bolt Flange	UCFBL	–	FB-SCEZ-PSS	CBF100-ZM	–	ZUCFB200-PBT	–
MUCFPL	4-Bolt Flange	MUCFPL	CF4S-S200	F4B-SCEZ-PSS	C4F100-SS	PSF-CR	SUCF200-PBT	FYTBK-TH/GFA
SUCF	4-Bolt Flange	MUCF	SF4S-S200	F4B-SCEZ-SHSS	S4F100-SS	–	SSUCF200	–
ZUCFPL	4-Bolt Flange	UCFPL	CF4S-Z200	F4B-SCEZ-PCR	C4F100-ZM	–	ZUCF200-PBT	–
SUCT	Take-Up Unit	MUCT	–	–	–	–	SSUCT200	–

NTN-SNR Interchange for Corrosion Resistant Series

Pillow Block		2-Bolt Flange		4-Bolt Flange	
SNR Part Number	NTN Part Number	SNR Part Number	NTN Part Number	SNR Part Number	NTN Part Number
GNP20	**MUCPPL204**	GSFT20	**MUCNFL204**	GSF20	**MUCFPL204**
GNP2012	**MUCPPL204-12**	GSFT2012	**MUCNFL204-12**	GSF2012	**MUCFPL204-12**
GNP25	**MUCPPL205**	GSFT25	**MUCNFL205**	GSF25	**MUCFPL205**
GNP2516	**MUCPPL205-16**	GSFT2516	**MUCNFL205-16**	GSF2516	**MUCFPL205-16**
GNP30	**MUCPPL206**	GSFT30	**MUCNFL206**	GSF30	**MUCFPL206**
GNP3018	**MUCPPL206-18**	GSFT3018	**MUCNFL206-18**	GSF3018	**MUCFPL206-18**
GNP3019	**MUCPPL206-19**	GSFT3019	**MUCNFL206-19**	GSF3019	**MUCFPL206-19**
GNP3020	**MUCPPL206-20**	GSFT3020	**MUCNFL206-20**	GSF3020	**MUCFPL206-20**
GNP35	**MUCPPL207**	GSFT35	**MUCNFL207**	GSF35	**MUCFPL207**
GNP3520	**MUCPPL207-20**	GSFT3520	**MUCNFL207-20**	GSF3520	**MUCFPL207-20**
GNP3520	**MUCPPL207-22**	GSFT3520	**MUCNFL207-22**	GSF3520	**MUCFPL207-22**
GNP3523	**MUCPPL207-23**	GSFT3523	**MUCNFL207-23**	GSF3523	**MUCFPL207-23**
GNP40	**MUCPPL208**	GSFT40	**MUCNFL208**	GSF40	**MUCFPL208**
GNP4024	**MUCPPL208-24**	GSFT4024	**MUCNFL208-24**	GSF4024	**MUCFPL208-24**

SAF/SAFS/SN Split Pillow Block Interchange

NTN Part Number	PTC-Linkbelt	NSK	SKF	Torrington
SAF22500	P-LB6800(F)H	SAF22500	SAF22500	SAF22500A
SAF22600	P-LB6900(F)H	SAF22600	SAF22600	SAF22600A
SAF22200	P-LB7800(F)H	SAF22200	SAF22200	SAF22200
SAF22300	P-LB7900(F)H	SAF22300	SAF22300	SAF22300
SAF22500B6	P-LB6800FH	–	FSAF22500	FSAF22500A
SAFS22500	PK-LB6800FH	–	SAFS22500	SAFS22500A
SAFS22200	PK-LB7800FH	–	SAFS22200	SAFS22200
SN500	–	–	SN500	–
SN600	–	–	SN600	–

Spherical Roller Bearing Interchange

NTN Part Number	PTC-Linkbelt	NSK	SKF	Torrington	INA-FAG
23900	–	23900	23900	23900	23900
23000	23000LB	23000	23000	23000	23000
24000	–	24000	24000	24000	24000
23100	23100LB	23100	23100	23100	23100
24100	–	24100	24100	24100	24100
22200	22200LB	22200	22200	22200	22200
23200	23200LB	23200	23200	23200	23200
21300	–	21300	21300	21300	21300
22300	22300LB	22300	22300	22300	22300
29300	–	29300	29300	29300	29300
29400	–	29400	29400	29400	29400

Farm Implement Insert Bearing Interchange

NTN Part Number	Type	BCA	Fafnir	NDH
1AS08-7/8	Square Bore	DS208TT13	W208PPB13	AS4508FF
4AS08-7/8	Square Bore	DS208TT11	W208PPB11	AS4508FC
4AS08-7/8	Square Bore	DS208TT11A	W208PPB18	AS4508H
1AS08-1	Square Bore	DS208TT6	W208PPB6	AS4508BK
1AS08-1D1	Square Bore	DS208TTR6	GW208PPB6	RAS4508AE
2AS08-1	Square Bore	DS208TT9	W208PPB9	AS4508BE
4AS08-1	Square Bore	DS208TTB	–	AS4508AC
1AS08-1.1/8	Square Bore	DS208TT5	W208PPB5	AS4508BJ
2AS08-1.1/8	Square Bore	DS208TT8	W208PPB8	AS4508EF
2AS08-1.1/8D1	Square Bore	DS208TTR8	GW208PPB8	RAS4508EF
4AS08-1.1/8	Square Bore	DS208TT12B	W208PPB12	AS4508BC
4AS08-1.1/8	Square Bore	DS208TT12A	W208PPB19	AS4508F
1AS08-1.5/32D1	Square Bore	DS208TTR5	GW208PPB5	–
2AS09-1.1/4	Square Bore	DS209TT5	W209PPB5	AS4509A
4AS09-1.1/4	Square Bore	DS209TT7	W209PPB7	AS4509AC
2AS10-1.1/8	Square Bore	–	W210PPB6	–
3AS10-1.1/8	Square Bore	DS210TT4	W210PPB4	–
3AS11-1.1/2	Square Bore	DS211TT3	W211PPB3	AS4511BE
3AS11-1.1/2D1	Square Bore	DS211TTR3	GW211PPB3	RAS4511BE
4AS11-1.1/2	Square Bore	DS11TT6	W211PPB6	AS4511AC
3AS14-2.1/32D1	Square Bore	–	GW214PPB4	–
5AS08-1.1/8	Square Bore	DC208TT5	W208PP5	AS4508BH
6AS08-1.1/8	Square Bore	DC208TT8	W208PP8	AS4508BD
6AS09-1.1/4	Square Bore	DC209TT5	–	AS4509AD
6AS09-1.1/4D1	Square Bore	DC209TTR5	–	RAS4509AD
7AS10-1.1/8D1	Square Bore	DC210TTR4	GW210PP4	RAS4510B
6AS11-1.1/2V1	Square Bore	DC211TT5	W211PP5	AS4511AE
7AS11-1.1/2	Square Bore	DC211TT3	W211PP3	AS4511BD
7AS11-1.1/2D1	Square Bore	DC211TTR3	GW211PP3	RAS4511BD
1AC08-1.3/16	Round Bore	DS208TT7	W208PPB7	–
2AC08-1.1/2	Round Bore	DS208TT2A	W208PPB2	–
1AC09D1V1	Round Bore	DS209TTR10	GW209PPB11	–
3AC09	Round Bore	DS209TT2	W209PPB2	AS4509BE
3AC09D1	Round Bore	DS209TTR2	GW209PPB2	RAS4509BE
3AC09-1.1/2	Round Bore	DS209TT4	W209PPB4	AS4509BD
3AC09-1.1/2D1	Round Bore	DS209TTR4	GW209PPB4	RAS4509BD
3AC10-1.3/4	Round Bore	DS210TT5	W210PPB5	–
3AC10-1.3/4D1	Round Bore	DS210TTR5	GW210PPB5	–
3AC10-1.15/16	Round Bore	DS210TT2	W210PPB2	–
3AC10-1.15/16D1	Round Bore	DS210TTR2	GW210PPB2	–
1AC11-2.3/16D1V1	Round Bore	DS211TTR9	GW211PPB9	–
3AC11-2.3/16	Round Bore	DS211TT2	W211PPB2	–
3AC11-2.3/16D1	Round Bore	DS211TTR2	GW211PPB2	–
3AC14D1	Round Bore	–	GW214PPB2	–
5AC10-1.15/16V1	Round Bore	DC210	RM1115K	3210B
7AC10-1.15/16	Round Bore	DC210TT2	W210PP2	–
7AC11-2.3/16D1	Round Bore	DC211TTR2	GW211PP2	RAS4511C
1AH04-11/16	Hex Bore	–	204KRR2	–
1AH05-7/8	Hex Bore	HPC014GP	205KRR2	–
2AH05-7/8	Hex Bore	HPS014GP	205KRRB2	–
1AH06-1	Hex Bore	HPC100GP	206KRR6	88506J
2AH06-1	Hex Bore	HPS100GP	206KRRB6	88506H
2AH06-1D1	Hex Bore	–	G206KRRB6	–
2AH07-1.1/8	Hex Bore	HPS102GP	207KRRB9	–
2AH08-1.1/4V2	Hex Bore	–	W208PPB16	–
2AH09-1.1/2	Hex Bore	–	209KRRB2	–

Weight	
Metric	kgs.
Standard	lbs.

Pillow Block Units

Part Number	Weight
UCP Series	
UCP-½M	1.5
UCP-⁹⁄₁₆M	1.5
UCP-⅝M	1.5
UCP-¹¹⁄₁₆M	1.5
UCP-20M	1.8
UCP-¾M	1.8
UCP-25M	2.0
UCP-¹³⁄₁₆M	2.0
UCP-⅞M	2.0
UCP-¹⁵⁄₁₆M	2.0
UCP-1M	2.0
UCP-30M	3.3
UCP-1¹⁄₁₆M	3.3
UCP-1⅛M	3.3
UCP-1³⁄₁₆M	3.3
UCP-1¼S	3.3
UCP-35M	4.0
UCP-1¼M	4.0
UCP-1⁵⁄₁₆M	4.0
UCP-1⅜M	4.0
UCP-1⁷⁄₁₆M	4.0
UCP-40M	4.9
UCP-1½M	4.9
UCP-1⁹⁄₁₆M	4.9
UCP-45M	5.7
UCP-1⅝M	5.7
UCP-1¹¹⁄₁₆M	5.7
UCP-1¾M	5.7
UCP-50M	7.3
UCP-1¹³⁄₁₆M	7.3
UCP-1⅞M	7.3
UCP-1¹⁵⁄₁₆M	7.3
UCP-2S	7.3
UCP-55M	9.0
UCP-2M	9.0
UCP-2¹⁄₁₆M	9.0
UCP-2⅛M	9.0
UCP-2³⁄₁₆M	9.0
UCP-60M	12.1
UCP-2¼M	12.1
UCP-2⁵⁄₁₆M	12.1
UCP-2⅜M	12.1
UCP-2⁷⁄₁₆M	12.1
UCP-2½M	14.8
UCP-2⁹⁄₁₆M	14.8
UCP-2⅝M	16.3
UCP-2¹¹⁄₁₆M	16.3
UCP-2¾M	16.3
UCP-2¹³⁄₁₆M	18.5
UCP-2⅞M	18.5
UCP-2¹⁵⁄₁₆M	18.5
UCP-3M	18.5
UCPL Series	
UCPL-½M	1.5
UCPL-⁹⁄₁₆M	1.5
UCPL-⅝M	1.5
UCPL-¹¹⁄₁₆M	1.5
UCPL-20M	1.8
UCPL-¾M	1.8
UCPL-25M	2.0
UCPL-¹³⁄₁₆M	2.0
UCPL-⅞M	2.0
UCPL-¹⁵⁄₁₆M	2.0
UCPL-1M	2.0
UCPL-30M	3.3
UCPL-1¹⁄₁₆M	3.3
UCPL-1⅛M	3.3
UCPL-1³⁄₁₆M	3.3
UCPL-1¼S	3.3
UCPL-35M	4.0
UCPL-1¼M	4.0
UCPL-1⁵⁄₁₆M	4.0
UCPL-1⅜M	4.0
UCPL-1⁷⁄₁₆M	4.0
UCPL-40M	4.9
UCPL-1½M	4.9
UCPL-1⁹⁄₁₆M	4.9
UCPL-45M	5.7
UCPL-1⅝M	5.7
UCPL-1¹¹⁄₁₆M	5.7
UCPL-1¾M	5.7
UCPL-50M	7.3
UCPL-1¹³⁄₁₆M	7.3
UCPL-1⅞M	7.3
UCPL-1¹⁵⁄₁₆M	7.3
UCPL-2S	7.3
UCPL-55M	9.0
UCPL-2M	9.0
UCPL-2¹⁄₁₆M	9.0
UCPL-2⅛M	9.0
UCPL-2³⁄₁₆M	9.0
UCPL-60M	12.1
UCPL-2¼M	12.1
UCPL-2⁵⁄₁₆M	12.1
UCPL-2⅜M	12.1
UCPL-2⁷⁄₁₆M	12.1
UCPL-2½M	14.8
UCPL-2⁹⁄₁₆M	14.8
UCPL-2⅝M	16.3
UCPL-2¹¹⁄₁₆M	16.3
UCPL-2¾M	16.3
UCPL-2¹³⁄₁₆M	18.5
UCPL-2⅞M	18.5
UCPL-2¹⁵⁄₁₆M	18.5
UCPL-3M	18.5
UCPX Series	
UCPX-¹³⁄₁₆M	3.5
UCPX-⅞M	3.5
UCPX-¹⁵⁄₁₆M	3.5
UCPX-1M	3.5
UCPX-1¹⁄₁₆M	4.1
UCPX-1⅛M	4.1
UCPX-1³⁄₁₆M	4.1
UCPX-1¼M	5.4
UCPX-1⁵⁄₁₆M	5.4
UCPX-1⅜M	5.4
UCPX-1⁷⁄₁₆M	5.4
UCPX-1½M	5.8
UCPX-1⁹⁄₁₆M	5.8
UCPX-1⅝M	7.7
UCPX-1¹¹⁄₁₆M	7.7
UCPX-1¾M	7.7
UCPX-1¹³⁄₁₆M	9.4
UCPX-1⅞M	9.4
UCPX-1¹⁵⁄₁₆M	9.4
UCPX-2M	9.4
UCPX-2¹⁄₁₆M	12.9
UCPX-2⅛M	12.9
UCPX-2³⁄₁₆M	12.9
UCPX-2¼M	12.9
UCPX-2⁷⁄₁₆M	16.0
UCPX-2½M	16.0
UCPX-2⁹⁄₁₆M	16.0
UCPX-2⅝M	26.2
UCPX-2¹¹⁄₁₆M	26.2
UCPX-2¾M	26.2
UCPX-2¹³⁄₁₆M	26.0
UCPX-2⅞M	25.7
UCPX-2¹⁵⁄₁₆M	25.7
UCPX-3M	25.7
UCPX-3³⁄₁₆M	39.4
UCPX-3⅞M	40.1
UCPX-3½M	40.1
ARP Series	
ARP-½	1.5
ARP-⁹⁄₁₆	1.5
ARP-⅝	1.5
ARP-¹¹⁄₁₆	1.5
ARP-¾	1.5
ARP-¹³⁄₁₆	2.0
ARP-⅞	2.0
ARP-¹⁵⁄₁₆	2.0
ARP-1	2.0
ARP-1¹⁄₁₆	3.1
ARP-1⅛	3.1
ARP-1³⁄₁₆	3.1
ARP-1¼S	3.1
ARP-1¼	4.0
ARP-1⁵⁄₁₆	4.0
ARP-1⅜	4.0
ARP-1⁷⁄₁₆	4.0
ARP-1½	4.6
ARP-1⁹⁄₁₆	4.6
ARP-1⅝	5.5
ARP-1¹¹⁄₁₆	5.5
ARP-1¾	5.5
ARP-1¹³⁄₁₆	7.3
ARP-1⅞	7.3
ARP-1¹⁵⁄₁₆	7.3
ARP-2S	7.3
ARP-2	8.8
ARP-2¹⁄₁₆	8.8
ARP-2⅛	8.8
ARP-2³⁄₁₆	8.8
ARPL Series	
ARPL-½	1.5
ARPL-⁹⁄₁₆	1.5
ARPL-⅝	1.5
ARPL-¹¹⁄₁₆	1.5
ARPL-¾	1.5
ARPL-¹³⁄₁₆	2.0
ARPL-⅞	2.0
ARPL-¹⁵⁄₁₆	2.0
ARPL-1	2.0
ARPL-1¹⁄₁₆	3.1
ARPL-1⅛	3.1
ARPL-1³⁄₁₆	3.1
ARPL-1¼S	3.1
ARPL-1¼	4.0
ARPL-1⁵⁄₁₆	4.0
ARPL-1⅜	4.0
ARPL-1⁷⁄₁₆	4.0
ARPL-1½	4.6
ARPL-1⁹⁄₁₆	4.6
ARPL-1⅝	5.5
ARPL-1¹¹⁄₁₆	5.5
ARPL-1¾	5.5
ARPL-1¹³⁄₁₆	7.3
ARPL-1⅞	7.3
ARPL-1¹⁵⁄₁₆	7.3
ARPL-2S	7.3
ARPL-2	8.8
ARPL-2¹⁄₁₆	8.8
ARPL-2⅛	8.8
ARPL-2³⁄₁₆	8.8
UELP Series	
UELP-½M	1.8
UELP-⁹⁄₁₆M	1.8
UELP-⅝M	1.8
UELP-¹¹⁄₁₆M	1.8
UELP-¾M	1.8
UELP-¹³⁄₁₆M	2.2
UELP-⅞M	2.2
UELP-¹⁵⁄₁₆M	2.2
UELP-1M	2.2
UELP-1¹⁄₁₆M	3.5
UELP-1⅛M	3.5
UELP-1³⁄₁₆M	3.5
UELP-1¼S	3.5
UELP-1¼M	4.4
UELP-1⁵⁄₁₆M	4.4
UELP-1⅜M	4.4
UELP-1⁷⁄₁₆M	4.4
UELP-1½M	5.3
UELP-1⁹⁄₁₆M	5.3
UELP-1⅝M	6.0
UELP-1¹¹⁄₁₆M	6.0

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

Pillow Block Units (continued)

Part Number	Weight
UELP-1¾M	6.0
UELP-1 13/16M	7.7
UELP-1⅞M	7.7
UELP-1 15/16M	7.7
UELP-2S	7.7
UELP-2M	9.5
UELP-2 1/16M	9.5
UELP-2⅛M	9.5
UELP-2 3/16M	9.5
UELP-2¼M	12.6
UELP-2 5/16M	12.6
UELP-2⅜M	12.6
UELP-2 7/16M	12.6
UELP-2½M	14.8
UELP-2 9/16M	14.8
UELP-2 5/8M	16.9
UELP-2 11/16M	16.9
UELP-2¾M	16.9
UELP-2 13/16M	19.0
UELP-2⅞M	19.0
UELP-2 15/16M	19.0
UELP-3M	19.0
UELPL Series	
UELPL-½M	1.8
UELPL-9/16M	1.8
UELPL-⅝M	1.8
UELPL-11/16M	1.8
UELPL-¾M	1.8
UELPL-13/16M	2.2
UELPL-⅞M	2.2
UELPL-15/16M	2.2
UELPL-1M	2.2
UELPL-1 1/16M	3.5

Part Number	Weight
UELPL-1⅛M	3.5
UELPL-1 3/16M	3.5
UELPL-1¼S	3.5
UELPL-1¼M	4.4
UELPL-1 5/16M	4.4
UELPL-1⅜M	4.4
UELPL-1 7/16M	4.4
UELPL-1½M	5.3
UELPL-1 9/16M	5.3
UELPL-1⅝M	6.0
UELPL-1 11/16M	6.0
UELPL-1¾M	6.0
UELPL-1 13/16M	7.7
UELPL-1⅞M	7.7
UELPL-1 15/16M	7.7
UELPL-2S	7.7
UELPL-2M	9.5
UELPL-2 1/16M	9.5
UELPL-2⅛M	9.5
UELPL-2 3/16M	9.5
UELPL-2¼M	12.6
UELPL-2 5/16M	12.6
UELPL-2⅜M	12.6
UELPL-2 7/16M	12.6
UELPL-2½M	14.8
UELPL-2 9/16M	14.8
UELPL-2⅝M	16.9
UELPL-2 11/16M	16.9
UELPL-2¾M	16.9
UELPL-2 13/16M	19.0
UELPL-2⅞M	19.0
UELPL-2 15/16M	19.0
UELPL-3M	19.0

Part Number	Weight
JELP Series	
JELP-½	1.5
JELP-9/16	1.5
JELP-⅝	1.5
JELP-11/16	1.5
JELP-¾	1.8
JELP-13/16	2.0
JELP-⅞	2.0
JELP-15/16	2.0
JELP-1	2.0
JELP-1 1/16	3.3
JELP-1⅛	3.3
JELP-1 3/16	3.3
JELP-1¼S	3.3
JELP-1¼	4.0
JELP-1 5/16	4.0
JELP-1⅜	4.0
JELP-1 7/16	4.0
JELP-1½	4.9
JELP-1 9/16	4.9
JELP-1⅝	5.7
JELP-1 11/16	5.7
JELP-1¾	5.7
JELP-1 13/16	7.3
JELP-1⅞	7.3
JELP-1 15/16	7.3
JELP-2S	7.3
JELP-2	9.0
JELP-2 1/16	9.0
JELP-2⅛	9.0
JELP-2 3/16	9.0

Part Number	Weight
JELPL Series	
JELPL-½	1.5
JELPL-9/16	1.5
JELPL-⅝	1.5
JELPL-11/16	1.5
JELPL-¾	1.8
JELPL-13/16	2.0
JELPL-⅞	2.0
JELPL-15/16	2.0
JELPL-1	2.0
JELPL-1 1/16	3.3
JELPL-1⅛	3.3
JELPL-1 3/16	3.3
JELPL-1¼S	3.3
JELPL-1¼	4.0
JELPL-1 5/16	4.0
JELPL-1⅜	4.0
JELPL-1 7/16	4.0
JELPL-1½	4.9
JELPL-1 9/16	4.9
JELPL-1⅝	5.7
JELPL-1 11/16	5.7
JELPL-1¾	5.7
JELPL-1 13/16	7.3
JELPL-1⅞	7.3
JELPL-1 15/16	7.3
JELPL-2S	7.3
JELPL-2	9.0
JELPL-2 1/16	9.0
JELPL-2⅛	9.0
JELPL-2 3/16	9.0

Weight	
Metric	kgs.
Standard	lbs.

Flange Units

Part Number	Weight
UCFLU Series	
UCFLU-½M	0.9
UCFLU-⁹⁄₁₆M	0.9
UCFLU-⅝M	0.9
UCFLU-¹¹⁄₁₆M	0.9
UCFLU-¾M	1.3
UCFLU-¹³⁄₁₆M	1.5
UCFLU-⅞M	1.5
UCFLU-¹⁵⁄₁₆M	1.5
UCFLU-1M	1.5
UCFLU-1¹⁄₁₆M	2.4
UCFLU-1⅛M	2.4
UCFLU-1³⁄₁₆M	2.4
UCFLU-1¼SM	2.4
UCFLU-1¼M	3.3
UCFLU-1⁵⁄₁₆M	3.3
UCFLU-1⅜M	3.3
UCFLU-1⁷⁄₁₆M	3.3
UCFLU-1½M	4.2
UCFLU-1⁹⁄₁₆M	4.2
UCFLU-1⅝M	4.6
UCFLU-1¹¹⁄₁₆M	4.6
UCFLU-1¾M	4.6
UCFLU-1¹³⁄₁₆M	5.5
UCFLU-1⅞M	5.5
UCFLU-1¹⁵⁄₁₆M	5.5
UCFLU-2SM	5.5
UCFLU-2M	7.7
UCFLU-2¹⁄₁₆M	7.7
UCFLU-2⅛M	7.7
UCFLU-2³⁄₁₆M	7.7
UCFLUX Series	
UCFLUX-¹³⁄₁₆M	2.4
UCFLUX-⅞M	2.4
UCFLUX-¹⁵⁄₁₆M	2.4
UCFLUX-1M	2.4
UCFLUX-1¹⁄₁₆M	3.4
UCFLUX-1⅛M	3.4
UCFLUX-1³⁄₁₆M	3.4
UCFLUX-1¼SM	3.4
UCFLUX-1¼M	3.4
UCFLUX-1⁵⁄₁₆M	4.3
UCFLUX-1⅜M	4.3
UCFLUX-1⁷⁄₁₆M	4.3
UCFLUX-1½M	4.9
UCFLUX-1⁹⁄₁₆M	4.9
UCFLUX-1⅝M	5.7
UCFLUX-1¹¹⁄₁₆M	5.7
UCFLUX-1¾M	5.7
UCFLUX-1¹³⁄₁₆M	5.7
UCFLUX-1⅞M	8.2
UCFLUX-1¹⁵⁄₁₆M	8.2
UCFLUX-2SM	8.2
UCFLUX-2M	8.2
ARFLU Series	
ARFLU-½	0.9
ARFLU-⁹⁄₁₆	0.9
ARFLU-⅝	0.9
ARFLU-¹¹⁄₁₆	0.9
ARFLU-¾	1.1
ARFLU-¹³⁄₁₆	1.5
ARFLU-⅞	1.5
ARFLU-¹⁵⁄₁₆	1.5
ARFLU-1	1.5
ARFLU-1¹⁄₁₆	2.2
ARFLU-1⅛	2.2
ARFLU-1³⁄₁₆	2.2
ARFLU-1¼S	2.2
ARFLU-1¼	3.3
ARFLU-1⁵⁄₁₆	3.3
ARFLU-1⅜	3.3
ARFLU-1⁷⁄₁₆	3.3
ARFLU-1½	4.2
ARFLU-1⁹⁄₁₆	4.2
ARFLU-1⅝	4.6
ARFLU-1¹¹⁄₁₆	4.6
ARFLU-1¾	4.6
ARFLU-1¹³⁄₁₆	5.3
ARFLU-1⅞	5.3
ARFLU-1¹⁵⁄₁₆	5.3
ARFLU-2S	5.3
ARFLU-2	7.3
ARFLU-2¹⁄₁₆	7.3
ARFLU-2⅛	7.3
ARFLU-2³⁄₁₆	7.3
UELFLU Series	
UELFLU-½M	1.1
UELFLU-⁹⁄₁₆M	1.1
UELFLU-⅝M	1.1
UELFLU-¹¹⁄₁₆M	1.1
UELFLU-¾M	1.3
UELFLU-¹³⁄₁₆M	1.8
UELFLU-⅞M	1.8
UELFLU-¹⁵⁄₁₆M	1.8
UELFLU-1M	1.8
UELFLU-1¹⁄₁₆M	2.4
UELFLU-1⅛M	2.4
UELFLU-1³⁄₁₆M	2.4
UELFLU-1¼SM	2.4
UELFLU-1¼M	3.5
UELFLU-1⁵⁄₁₆M	3.5
UELFLU-1⅜M	3.5
UELFLU-1⁷⁄₁₆M	3.5
UELFLU-1½M	4.4
UELFLU-1⁹⁄₁₆M	4.4
UELFLU-1⅝M	4.9
UELFLU-1¹¹⁄₁₆M	4.9
UELFLU-1¾M	4.9
UELFLU-1¹³⁄₁₆M	6.0
UELFLU-1⅞M	6.0
UELFLU-1¹⁵⁄₁₆M	6.0
UELFLU-2SM	6.0
UELFLU-2M	8.2
UELFLU-2¹⁄₁₆M	8.2
UELFLU-2⅛M	8.2
UELFLU-2³⁄₁₆M	8.2
JELFLU Series	
JELFLU-½	0.9
JELFLU-⁹⁄₁₆	0.9
JELFLU-⅝	0.9
JELFLU-¹¹⁄₁₆	0.9
JELFLU-¾	1.3
JELFLU-¹³⁄₁₆	1.5
JELFLU-⅞	1.5
JELFLU-¹⁵⁄₁₆	1.5
JELFLU-1	1.5
JELFLU-1¹⁄₁₆	2.4
JELFLU-1⅛	2.4
JELFLU-1³⁄₁₆	2.4
JELFLU-1¼S	2.4
JELFLU-1¼	3.3
JELFLU-1⁵⁄₁₆	3.3
JELFLU-1⅜	3.3
JELFLU-1⁷⁄₁₆	3.3
JELFLU-1½	4.2
JELFLU-1⁹⁄₁₆	4.2
JELFLU-1⅝	4.6
JELFLU-1¹¹⁄₁₆	4.6
JELFLU-1¾	4.6
JELFLU-1¹³⁄₁₆	5.5
JELFLU-1⅞	5.5
JELFLU-1¹⁵⁄₁₆	5.5
JELFLU-2S	5.5
JELFLU-2	7.7
JELFLU-2¹⁄₁₆	7.7
JELFLU-2⅛	7.7
JELFLU-2³⁄₁₆	7.7
UCFU Series	
UCFU-½M	1.3
UCFU-⁹⁄₁₆M	1.3
UCFU-⅝M	1.3
UCFU-¹¹⁄₁₆M	1.3
UCFU-¾M	1.8
UCFU-¹³⁄₁₆M	2.0
UCFU-⅞M	2.0
UCFU-¹⁵⁄₁₆M	2.0
UCFU-1M	2.0
UCFU-1¹⁄₁₆M	2.9
UCFU-1⅛M	2.9
UCFU-1³⁄₁₆M	2.9
UCFU-1¼SM	2.9
UCFU-1¼M	3.7
UCFU-1⁵⁄₁₆M	3.7
UCFU-1⅜M	3.7
UCFU-1⁷⁄₁₆M	3.7
UCFU-1½M	4.4
UCFU-1⁹⁄₁₆M	4.4
UCFU-1⅝M	5.5
UCFU-1¹¹⁄₁₆M	5.5
UCFU-1¾M	5.5
UCFU-1¹³⁄₁₆M	6.2
UCFU-1⅞M	6.2
UCFU-1¹⁵⁄₁₆M	6.2
UCFU-2SM	6.2
UCFU-2M	9.0
UCFU-2¹⁄₁₆M	9.0
UCFU-2⅛M	9.0
UCFU-2³⁄₁₆M	9.0
UCFU-2¼M	11.0
UCFU-2⁵⁄₁₆M	11.0
UCFU-2⅜M	11.0
UCFU-2⁷⁄₁₆M	11.0
UCFU-2½M	12.9
UCFU-2⁹⁄₁₆M	12.9
UCFU-2⅝M	12.9
UCFU-2¹¹⁄₁₆M	12.9
UCFU-2¾M	14.0
UCFU-2¹³⁄₁₆M	16.3
UCFU-2⅞M	16.3
UCFU-2¹⁵⁄₁₆M	16.3
UCFU-3M	16.3
UCFUX Series	
UCFUX-¹³⁄₁₆M	3.0
UCFUX-⅞M	3.0
UCFUX-¹⁵⁄₁₆M	3.0
UCFUX-1M	3.0
UCFUX-1¹⁄₁₆M	4.3
UCFUX-1⅛M	4.3
UCFUX-1³⁄₁₆M	4.3
UCFUX-1¼SM	4.3
UCFUX-1¼M	4.3
UCFUX-1⁵⁄₁₆M	4.9
UCFUX-1⅜M	4.9
UCFUX-1⁷⁄₁₆M	4.9
UCFUX-1½M	5.5
UCFUX-1⁹⁄₁₆M	5.5
UCFUX-1⅝M	6.7
UCFUX-1¹¹⁄₁₆M	6.7
UCFUX-1¾M	6.7
UCFUX-1¹³⁄₁₆M	6.7
UCFUX-1⅞M	8.6
UCFUX-1¹⁵⁄₁₆M	8.6
UCFUX-2SM	8.6
UCFUX-2M	8.6
UCFUX-2¹⁄₁₆M	10.5
UCFUX-2⅛M	10.5
UCFUX-2³⁄₁₆M	10.5
UCFUX-2¼M	10.5
UCFUX-2⁵⁄₁₆M	10.5
UCFUX-2⅜M	10.5
UCFUX-2⁷⁄₁₆M	15.0
UCFUX-2½M	15.0
UCFUX-2⁹⁄₁₆M	15.0
UCFUX-2⅝M	15.7
UCFUX-2¹¹⁄₁₆M	15.7
UCFUX-2¾M	15.7
UCFUX-2¹³⁄₁₆M	16.4
UCFUX-2⅞M	16.4

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

Flange Units (continued)

Part Number	Weight
UCFUX-2 15/16M	16.4
UCFUX-3M	16.4
UELFU Series	
UELFU-1/2M	1.5
UELFU-9/16M	1.5
UELFU-5/8M	1.5
UELFU-11/16M	1.5
UELFU-3/4M	1.8
UELFU-13/16M	2.2
UELFU-7/8M	2.2
UELFU-15/16M	2.2
UELFU-1M	2.2
UELFU-1 1/16M	2.9
UELFU-1 1/8M	2.9
UELFU-1 3/16M	2.9
UELFU-1 1/4SM	2.9
UELFU-1 1/4M	4.0
UELFU-1 5/16M	4.0
UELFU-1 3/8M	4.0
UELFU-1 7/16M	4.0
UELFU-1 1/2M	4.6
UELFU-1 9/16M	4.6
UELFU-1 5/8M	5.7
UELFU-1 11/16M	5.7
UELFU-1 3/4M	5.7
UELFU-1 13/16M	6.6
UELFU-1 7/8M	6.6
UELFU-1 7/8M	6.6

Part Number	Weight
UELFU-1 15/16M	6.6
UELFU-2SM	6.6
UELFU-2M	9.5
UELFU-2 1/16M	9.5
UELFU-2 1/8M	9.5
UELFU-2 3/16M	9.5
UELFU-2 1/4M	11.5
UELFU-2 5/16M	11.5
UELFU-2 3/8M	11.5
UELFU-2 7/16M	11.5
UELFU-2 1/2M	13.7
UELFU-2 9/16M	13.7
UELFU-2 5/8M	13.7
UELFU-2 11/16M	13.7
UELFU-2 3/4M	14.5
UELFU-2 13/16M	16.8
UELFU-2 7/8M	16.8
UELFU-2 15/16M	16.8
UELFU-3M	16.8
ARFU Series	
ARFU-1/2	1.3
ARFU-9/16	1.3
ARFU-5/8	1.3
ARFU-11/16	1.3
ARFU-3/4	1.8
ARFU-13/16	2.0
ARFU-7/8	2.0
ARFU-15/16	2.0

Part Number	Weight
ARFU-1	2.0
ARFU-1 1/16	2.9
ARFU-1 1/8	2.9
ARFU-1 3/16	2.9
ARFU-1 1/4S	2.9
ARFU-1 1/4	3.7
ARFU-1 5/16	3.7
ARFU-1 3/8	3.7
ARFU-1 7/16	3.7
ARFU-1 1/2	4.4
ARFU-1 9/16	4.4
ARFU-1 5/8	5.3
ARFU-1 11/16	5.3
ARFU-1 3/4	5.3
ARFU-1 13/16	6.0
ARFU-1 7/8	6.0
ARFU-1 15/16	6.0
ARFU-2S	6.0
ARFU-2	8.8
ARFU-2 1/16	8.8
ARFU-2 1/8	8.8
ARFU-2 3/16	8.8
JELFU Series	
JELFU-1/2	1.3
JELFU-9/16	1.3
JELFU-5/8	1.3
JELFU-11/16	1.3
JELFU-3/4	1.8

Part Number	Weight
JELFU-13/16	2.0
JELFU-7/8	2.0
JELFU-15/16	2.0
JELFU-1	2.0
JELFU-1 1/16	2.9
JELFU-1 1/8	2.9
JELFU-1 3/16	2.9
JELFU-1 1/4S	2.9
JELFU-1 1/4	3.7
JELFU-1 5/16	3.7
JELFU-1 3/8	3.7
JELFU-1 7/16	3.7
JELFU-1 1/2	4.4
JELFU-1 9/16	4.4
JELFU-1 5/8	5.5
JELFU-1 11/16	5.5
JELFU-1 3/4	5.5
JELFU-1 13/16	6.2
JELFU-1 7/8	6.2
JELFU-1 15/16	6.2
JELFU-2S	6.2
JELFU-2	9.0
JELFU-2 1/16	9.0
JELFU-2 1/8	9.0
JELFU-2 3/16	9.0

Weight	
Metric	kgs.
Standard	lbs.

Ultra-Class Inserts

Part Number	Weight
A-AR2 Series Inserts	
A-AR201-008D1	0.2
A-AR202-009D1	0.2
A-AR202-010D1	0.2
A-AR203-011D1	0.2
A-AR204-012D1	0.3
A-AR205-013D1	0.4
A-AR205-014D1	0.4
A-AR205-015D1	0.4
A-AR205-100D1	0.4
A-AR206-101D1	0.6
A-AR206-102D1	0.6
A-AR206-103D1	0.6
A-AR206-104D1	0.6
A-AR207-104D1	0.9
A-AR207-105D1	0.9
A-AR207-106D1	0.9
A-AR207-107D1	0.9
A-AR208-108D1	1.3
A-AR208-109D1	1.3
A-AR209-110D1	1.5
A-AR209-111D1	1.5
A-AR209-112D1	1.5
A-AR210-113D1	1.6
A-AR210-114D1	1.6
A-AR210-115D1	1.6
A-AR210-200D1	1.6
A-AR211-200D1	1.8
A-AR211-201D1	1.8
A-AR211-202D1	1.8
A-AR211-203D1	1.8
A-JEL2 Series Inserts	
A-JEL201-008D1	0.3
A-JEL202D1	0.3
A-JEL202-009D1	0.3
A-JEL202-010D1	0.3
A-JEL203-011D1	0.3
A-JEL204-012D1	0.4
A-JEL205-013D1	0.5
A-JEL205-014D1	0.5
A-JEL205-015D1	0.5
A-JEL205-100D1	0.5
A-JEL206-101D1	0.7
A-JEL206-102D1	0.7
A-JEL206-103D1	0.7
A-JEL206-104D1	0.7
A-JEL207-104D1	1.2

Part Number	Weight
A-JEL207-105D1	1.2
A-JEL207-106D1	1.2
A-JEL207-107D1	1.2
A-JEL208-108D1	1.5
A-JEL208-109D1	1.5
A-JEL209-110D1	1.8
A-JEL209-111D1	1.8
A-JEL209-112D1	1.8
A-JEL210-113D1	1.9
A-JEL210-114D1	1.9
A-JEL210-115D1	1.9
A-JEL210-200D1	1.9
A-JEL211-200D1	2.5
A-JEL211-203D1	2.5
A-JEL212-204D1	3.5
A-UC2 Series Inserts	
A-UC201-008D1	0.4
A-UC202-009D1	0.4
A-UC202-010D1	0.4
A-UC203-011D1	0.4
A-UC204D1	0.4
A-UC204-012D1	0.4
A-UC205D1	0.5
A-UC205-013D1	0.5
A-UC205-014D1	0.5
A-UC205-015D1	0.5
A-UC205-100D1	0.5
A-UC206D1	0.7
A-UC206-101D1	0.7
A-UC206-102D1	0.7
A-UC206-103D1	0.7
A-UC206-104D1	0.7
A-UC207D1	1.0
A-UC207-104D1	1.0
A-UC207-105D1	1.0
A-UC207-106D1	1.0
A-UC207-107D1	1.0
A-UC208D1	1.5
A-UC208-108D1	1.5
A-UC208-109D1	1.5
A-UC209D1	1.7
A-UC209-110D1	1.7
A-UC209-111D1	1.7
A-UC209-112D1	1.7
A-UC210D1	1.9
A-UC210-113D1	1.9
A-UC210-114D1	1.9

Part Number	Weight
A-UC210-115D1	1.9
A-UC210-200D1	1.9
A-UC211-200D1	2.5
A-UC211-201D1	2.5
A-UC211-202D1	2.5
A-UC211-203D1	2.5
A-UC212-204D1	3.4
A-UC212-206D1	3.4
A-UC212-207D1	3.4
A-UC213-208D1	4.1
A-UC214-211D1	4.7
A-UC214-212D1	4.7
A-UC215-215D1	5.0
A-UC215-300D1	5.0
A-UCX Series Inserts	
A-UCX05-013D1	0.9
A-UCX05-014D1	0.9
A-UCX05-015D1	0.9
A-UCX05-100D1	0.9
A-UCX06-101D1	1.5
A-UCX06-102D1	1.5
A-UCX06-103D1	1.5
A-UCX06-104D1	1.5
A-UCX07-105D1	1.8
A-UCX07-106D1	1.8
A-UCX07-107D1	1.8
A-UCX08-108D1	2.1
A-UCX08-109D1	2.1
A-UCX09-110D1	2.3
A-UCX09-111D1	2.3
A-UCX09-112D1	2.3
A-UCX10-113D1	3.1
A-UCX10-114D1	3.1
A-UCX10-115D1	3.1
A-UCX10-200D1	3.1
A-UCX11-201D1	4.3
A-UCX11-202D1	4.3
A-UCX11-203D1	4.3
A-UCX12-204D1	5.0
A-UCX12-207D1	5.0
A-UCX13-208D1	5.5
A-UCX13-209D1	5.5
A-UCX14-210D1	5.8
A-UCX14-211D1	5.8
A-UCX14-212D1	5.8
A-UCX15-213D1	7.2
A-UCX15-214D1	7.2

Part Number	Weight
A-UCX15-215D1	7.2
A-UCX15-300D1	7.2
A-UCX16-303D1	8.2
A-UCX18-307D1	12.3
A-UCX18-308D1	12.3
A-UEL2 Series Inserts	
A-UEL201-008D1	0.5
A-UEL202-009D1	0.5
A-UEL202-010D1	0.5
A-UEL203-011D1	0.5
A-UEL204-012D1	0.5
A-UEL205-013D1	0.6
A-UEL205-014D1	0.6
A-UEL205-015D1	0.6
A-UEL205-100D1	0.6
A-UEL206-101D1	0.8
A-UEL206-102D1	0.8
A-UEL206-103D1	0.8
A-UEL206-104D1	0.8
A-UEL207-104D1	1.4
A-UEL207-105D1	1.4
A-UEL207-106D1	1.4
A-UEL207-107D1	1.4
A-UEL208-108D1	1.8
A-UEL208-109D1	1.8
A-UEL209-110D1	2.0
A-UEL209-111D1	2.0
A-UEL209-112D1	2.0
A-UEL210-113D1	2.3
A-UEL210-114D1	2.3
A-UEL210-115D1	2.3
A-UEL210-200D1	2.3
A-UEL211-200D1	3.1
A-UEL211-201D1	3.1
A-UEL211-202D1	3.1
A-UEL211-203D1	3.1
A-UEL212-204D1	4.0
A-UEL212-206D1	4.0
A-UEL212-207D1	4.0
A-UEL213-208D1	4.7
A-UEL214-211D1	5.4
A-UEL214-212D1	5.4
A-UEL215-215D1	5.7
A-UEL215-300D1	5.7

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Pillow Block Units

Part Number	Weight
UCP2 Series	
UCP201D1	1.5
UCP201-008D1	1.5
UCP202D1	1.5
UCP202-009D1	1.5
UCP202-010D1	1.5
UCP203D1	1.5
UCP203-011D1	1.5
UCP204D1	1.5
UCP204-012D1	1.5
UCP205D1	1.8
UCP205-013D1	1.8
UCP205-014D1	1.8
UCP205-015D1	1.8
UCP205-100D1	1.8
UCP206D1	2.9
UCP206-101D1	2.9
UCP206-102D1	2.9
UCP206-103D1	2.9
UCP206-104D1	2.9
UCP207D1	3.5
UCP207-104D1	3.5
UCP207-105D1	3.5
UCP207-106D1	3.5
UCP207-107D1	3.5
UCP208D1	4.2
UCP208-108D1	4.2
UCP208-109D1	4.2
UCP209D1	4.9
UCP209110D1	4.9
UCP209111D1	4.9
UCP209112D1	4.9
UCP210D1	5.7
UCP210-113D1	5.7
UCP210-114D1	5.7
UCP210-115D1	5.7
UCP210-200D1	5.7
UCP211D1	7.3
UCP211-200D1	7.3
UCP211-201D1	7.3
UCP211-202D1	7.3
UCP211-203D1	7.3
UCP212D1	10.0
UCP212-204D1	10.0
UCP212-206D1	10.0
UCP212-207D1	10.0
UCP213D1	13.0
UCP213-208D1	13.0
UCP214D1	15.0
UCP214-211D1	15.0
UCP214-212D1	15.0
UCP215D1	16.0
UCP215-215D1	16.0
UCP215-300D1	16.0
UCP216D1	20.0
UCP216-302D1	20.0
UCP217D1	24.0
UCP217-304D1	24.0
UCP218D1	29.0
UCP218-308D1	29.0
UCPL2 Series	
UCPL204D1	1.3
UCPL204-012D1	1.3
UCPL205D1	1.8
UCPL205-013D1	1.8
UCPL205-014D1	1.8
UCPL205-015D1	1.8
UCPL205-100D1	1.8
UCPL206D1	2.6
UCPL206-101D1	2.6
UCPL206-102D1	2.6
UCPL206-103D1	2.6
UCPL206-104D1	2.6
UCPL207D1	3.5
UCPL207-104D1	3.5
UCPL207-105D1	3.5
UCPL207-106D1	3.5
UCPL207-107D1	3.5
UCPL209D1	4.9
UCPL209110D1	4.9
UCPL209111D1	4.9
UCPL209112D1	4.9
UCPL210D1	5.7
UCPL210-113D1	5.7
UCPL210-114D1	5.7
UCPL210-115D1	5.7
UCPL210-200D1	5.7
UCP3 Series	
UCP305D1	3.3
UCP305-014D1	3.3
UCP305-015D1	3.3
UCP305-100D1	3.3
UCP306D1	4.0
UCP306-102D1	4.0
UCP306-103D1	4.0
UCP307D1	6.2
UCP307-104D1	6.2
UCP307-105D1	6.2
UCP307-106D1	6.2
UCP307-107D1	6.2
UCP308D1	6.6
UCP308-108D1	6.6
UCP309D1	9.0
UCP309110D1	9.0
UCP309111D1	9.0
UCP309112D1	9.0
UCP310D1	13.0
UCP310-114D1	13.0
UCP310-115D1	13.0
UCP311D1	16.0
UCP311-200D1	16.0
UCP311-202D1	16.0
UCP311-203D1	16.0
UCP312D1	21.0
UCP312-204D1	21.0
UCP312-206D1	21.0
UCP312-207D1	21.0
UCP313D1	22.0
UCP313-208D1	22.0
UCP314D1	22.0
UCP314-211D1	26.0
UCP314-212D1	26.0
UCP315D1	31.0
UCP315-215D1	31.0
UCP315-300D1	31.0
UCP316D1	40.0
UCP316-302D1	40.0
UCP316-303D1	40.0
UCP317D1	44.0
UCP317-304D1	44.0
UCP318D1	53.0
UCP318-307D1	53.0
UCP318-308D1	53.0
UCP319D1	64.0
UCP319-312D1	64.0
UCP320D1	77.0
UCP320-315D1	77.0
UCP320-400D1	77.0
UCP321D1	77.0
UCP322D1	99.0
UCP324D1	121.0
UCP326D1	159.0
UCP328D1	196.0
UCPX Series	
UCPX05D1	3.3
UCPX05-013D1	3.3
UCPX05-014D1	3.3
UCPX05-015D1	3.3
UCPX05-100D1	3.3
UCPX06D1	4.4
UCPX06-101D1	4.4
UCPX06-102D1	4.4
UCPX06-103D1	4.4
UCPX06-104D1	4.4
UCPX07D1	5.7
UCPX07-105D1	5.7
UCPX07-106D1	5.7
UCPX07-107D1	5.7
UCPX08D1	7.3
UCPX08-108D1	7.3
UCPX08-109D1	7.3
UCPX09D1	7.3
UCPX09-110D1	7.3
UCPX09-111D1	7.3
UCPX09-112D1	7.3
UCPX09-113D1	7.3
UCPX10D1	9.5
UCPX10-114D1	9.5
UCPX10-115D1	9.5
UCPX10-200D1	9.5
UCPX11D1	13.0
UCPX11-202D1	13.0
UCPX11-203D1	13.0
UCPX11-204D1	13.0
UCPX11-205D1	13.0
UCPX12D1	16.0
UCPX12-206D1	16.0
UCPX12-207D1	16.0
UCPX13D1	17.0
UCPX13-208D1	17.0
UCPX13-209D1	17.0
UCPX14D1	22.0
UCPX14-210D1	22.0
UCPX14-211D1	22.0
UCPX14-212D1	22.0
UCPX15D1	24.0
UCPX15-213D1	24.0
UCPX15-214D1	24.0
UCPX15-215D1	24.0
UCPX15-300D1	24.0
UCPX16D1	33.0
UCPX16-302D1	33.0
UCPX16-303D1	33.0
UCPX16-304D1	33.0
UCPX17D1	35.0
UCPX17-305D1	35.0
UCPX17-307D1	35.0
UCPX18D1	37.0
UCPX18-308D1	37.0
UCPX20D1	66.0
UCPX20-314D1	66.0
UCPX20-315D1	66.0
UCPX20-400D1	66.0
ASPL2 Series	
ASPL201	1.3
ASPL201-008	1.3
ASPL202	1.3
ASPL202-009	1.3
ASPL202-010	1.3
ASPL203	1.3
ASPL203-011	1.3
ASPL204	1.3
ASPL204-012	1.3
ASPL205	1.5
ASPL205-013	1.5
ASPL205-014	1.5
ASPL205-015	1.5
ASPL205-100	1.5
ASPL206	2.6
ASPL206-101	2.6
ASPL206-103	2.6
ASPL206-104	2.6
ASPL207	3.3
ASPL207-104	3.3
ASPL207-105	3.3
ASPL207-106	3.3
ASPL207-107	3.3

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Pillow Block Units (continued)

Part Number	Weight
ASPP2 Series	
ASPP201	0.2
ASPP201-008	0.2
ASPP202	0.2
ASPP202-009	0.2
ASPP202-010	0.2
ASPP203	0.2
ASPP203-011	0.2
ASPP204	0.4
ASPP204-012	0.4
ASPP205	0.7
ASPP205-013	0.7
ASPP205-014	0.7
ASPP205-015	0.7
ASPP205-100	0.7
ASPP206	0.9
ASPP206-101	0.9
ASPP206-102	0.9
ASPP206-103	0.9
ASPP206-104	0.9
ASPP207	1.3
ASPP207-104	1.3
ASPP207-105	1.3
ASPP207-106	1.3
ASPP207-107	1.3
UELP2 Series	
UELP204D1	1.5
UELP204-012D1	1.5
UELP205D1	2.0
UELP205-013D1	2.0
UELP205-014D1	2.0
UELP205-015D1	2.0
UELP205-100D1	2.0
UELP206D1	3.1
UELP206-101D1	3.1
UELP206-102D1	3.1
UELP206-103D1	3.1
UELP206-104D1	3.1
UELP207D1	4.0
UELP207-104D1	4.0
UELP207-105D1	4.0
UELP207-106D1	4.0
UELP207-107D1	4.0
UELP208D1	4.4
UELP208-108D1	4.4
UELP208-109D1	4.4
UELP209D1	5.3
UELP209110D1	5.3
UELP209111D1	5.3
UELP209112D1	5.3
UELP210D1	6.2
UELP210-113D1	6.2
UELP210-114D1	6.2
UELP210-115D1	6.2
UELP210-200D1	6.2
UELP211D1	7.7
UELP211-200D1	7.7
UELP211-201D1	7.7
UELP211-202D1	7.7
UELP211-203D1	7.7
UELP212D1	11.0
UELP212-204D1	11.0
UELP212-206D1	11.0
UELP212-207D1	11.0
UELP213D1	14.0
UELP213-208D1	14.0
UELP214D1	14.0
UELP214-211D1	14.0
UELP214-212D1	14.0
UELP215D1	17.0
UELP215-215D1	17.0
UELP215-300D1	17.0
UELPL2 Series	
UELPL204D1	1.5
UELPL204-012D1	1.5
UELPL205D1	1.8
UELPL205-013D1	1.8
UELPL205-014D1	1.8
UELPL205-015D1	1.8
UELPL205-100D1	1.8
UELPL206D1	3.1
UELPL206-101D1	3.1
UELPL206-102D1	3.1
UELPL206-103D1	3.1
UELPL206-104D1	3.1
UELPL207D1	3.7
UELPL207-104D1	3.7
UELPL207-105D1	3.7
UELPL207-106D1	3.7
UELPL207-107D1	3.7
UELPL209D1	5.1
UELPL209110D1	5.1
UELPL209111D1	5.1
UELPL209112D1	5.1
UELPL210D1	6.0
UELPL210-113D1	6.0
UELPL210-114D1	6.0
UELPL210-115D1	6.0
UELPL210-200D1	6.0
UELP3 Series	
UELP305D1	3.1
UELP305-014D1	3.1
UELP305-015D1	3.1
UELP305-100D1	3.1
UELP306D1	4.2
UELP306-102D1	4.2
UELP306-103D1	4.2
UELP307D1	6.4
UELP307-104D1	6.4
UELP307-106D1	6.4
UELP307-106D1	6.4
UELP307-107D1	6.4
UELP308D1	6.8
UELP308-108D1	6.8
UELP309D1	9.5
UELP309-110D1	9.5
UELP309-111D1	9.5
UELP309-112D1	9.5
UELP310D1	13.0
UELP310-114D1	13.0
UELP310-115D1	13.0
UELP311D1	17.0
UELP311-200D1	17.0
UELP311-202D1	17.0
UELP311-203D1	17.0
UELP312D1	21.0
UELP312-204D1	21.0
UELP312-206D1	21.0
UELP312-207D1	21.0
UELP313D1	24.0
UELP313-208D1	24.0
UELP314D1	26.0
UELP314-211D1	26.0
UELP314-212D1	26.0
UELP315D1	33.0
UELP315-215D1	33.0
UELP315-300D1	33.0
UELP316D1	42.0
UELP316-302D1	42.0
UELP316-303D1	42.0
UELP317D1	46.0
UELP317-304D1	46.0
UELP318D1	46.0
UELP318-307D1	46.0
UELP318-308D1	46.0
UELP319D1	66.0
UELP319-312D1	66.0
UELP320D1	82.0
UELP320-315D1	82.0
UELP320-400D1	82.0
UELP321D1	82.0
UELP322D1	106.0
JELPL2 Series	
JELPL201	1.3
JELPL201-008	1.3
JELPL202	1.3
JELPL202-009	1.3
JELPL202-010	1.3
JELPL203	1.3
JELPL203-011	1.3
JELPL204	1.5
JELPL204-012	1.5
JELPL206	1.8
JELPL206-013	1.8
JELPL206-014	1.8
JELPL206-015	1.8
JELPL206-100	1.8
JELPL206	2.6
JELPL206-101	2.6
JELPL206-103	2.6
JELPL206-104	2.6
JELPL207	3.5
JELPL207-104	3.5
JELPL207-106	3.5
JELPL207-106	3.5
JELPL207-107	3.5
AELP2 Series	
AELP204D1	1.5
AELP204-012D1	1.5
AELP206D1	1.9
AELP206-013D1	1.9
AELP206-014D1	1.9
AELP206-015D1	1.9
AELP206-100D1	1.9
AELP206D1	2.8
AELP206-101D1	2.8
AELP206-102D1	2.8
AELP206-103D1	2.8
AELP206-104D1	2.8
AELP207D1	3.7
AELP207-104D1	3.7
AELP207-106D1	3.7
AELP207-106D1	3.7
AELP207-107D1	3.7
AELP208D1	4.2
AELP208-108D1	4.2
AELP208-109D1	4.2
AELP209D1	4.9
AELP209110D1	4.9
AELP209111D1	4.9
AELP209112D1	4.9
AELP210D1	5.8
AELP210-113D1	5.8
AELP210-114D1	5.8
AELP210-115D1	5.8
AELPL2 Series	
AELPL201	1.3
AELPL201-008	1.3
AELPL202	1.3
AELPL202-009	1.3
AELPL202-010	1.3
AELPL203	1.3
AELPL203-011	1.3
AELPL204	1.5
AELPL204-012	1.5
AELPL206	1.8
AELPL206-013	1.8
AELPL206-014	1.8
AELPL206-015	1.8
AELPL206-100	1.8
AELPL206	2.6
AELPL206-101	2.6
AELPL206-103	2.6
AELPL206-104	2.6
AELPL207	3.5
AELPL207-104	3.5
AELPL207-106	3.5
AELPL207-106	3.5

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Pillow Block Units (continued)

Part Number	Weight
AELPL207-107	3.5
AELPP2 Series	
AELPP201	0.4
AELPP201-008	0.4
AELPP202	0.4
AELPP202-009	0.4
AELPP202-010	0.4
AELPP203	0.4
AELPP203-011	0.4
AELPP204	0.4
AELPP204-012	0.4
AELPP206	0.7
AELPP206-013	0.7
AELPP206-014	0.7
AELPP206-015	0.7
AELPP206-100	0.7
AELPP206	1.1

Part Number	Weight
AELPP206-101	1.1
AELPP206-102	1.1
AELPP206-103	1.1
AELPP206-104	1.1
AELPP207	1.5
AELPP207-104	1.5
AELPP207-106	1.5
AELPP207-106	1.5
AELPP207-107	1.5
UKP2 Series	
UKP205D1:H2305X	2.0
UKP205D1:HE2305	2.0
UKP206D1:H2306X	2.9
UKP206D1:HS2306	2.9
UKP206D1:HE2306X	2.9
UKP207D1:H2307X	3.7
UKP207D1:HS2307	3.7

Part Number	Weight
UKP208D1:HS2308X	4.4
UKP208D1:HE2308X	4.4
UKP209D1:H2309X	5.1
UKP209D1:HA2309	5.1
UKP209D1:HE2309X	5.1
UKP209D1:HS2309X	5.1
UKP210D1:H2310X	6.2
UKP210D1:HS2310	6.2
UKP210D1:HA2310	6.2
UKP210D1:HE2310X	6.2
UKP211D1:H2311X	7.7
UKP211D1:HS2311	7.7
UKP211D1:HA2311	7.7
UKP211D1:HE2311XY	7.7
UKP212D1:H2312X	10.0
UKP212D1:HS2312	10.0
UKP213D1:H2313X	13.0

Part Number	Weight
UKP213D1:HA2313X	13.0
UKP213D1:HE2313	13.0
UKP213D1:HS2313	13.0
UKP215D1:H2315X	17.0
UKP215D1:HA2315	17.0
UKP215D1:HE2315	17.0
UKP216D1:H2316	21.0
UKP216D1:HA2316	21.0
UKP216D1:HE2316	21.0
UKP217D1:H2317X	26.0
UKP217D1:HA2317	26.0
UKP217D1:HE2317	26.0
UKP218D1:H2318X	31.0
UKP218D1:HA2318	31.0

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Flange Units

Part Number	Weight
UCFL2 Two-Bolt Series	
UCFL201D1	1.3
UCFL201-008D1	1.3
UCFL202D1	1.3
UCFL202-009D1	1.3
UCFL202-010D1	1.3
UCFL203D1	1.3
UCFL203-011D1	1.3
UCFL204D1	1.3
UCFL204-012D1	1.3
UCFL205D1	1.3
UCFL205-013D1	1.3
UCFL205-014D1	1.3
UCFL205-015D1	1.3
UCFL205-100D1	1.3
UCFL206D1	2.0
UCFL206-101D1	2.0
UCFL206-102D1	2.0
UCFL206-103D1	2.0
UCFL206-104D1	2.0
UCFL207D1	2.6
UCFL207-104D1	2.6
UCFL207-105D1	2.6
UCFL207-106D1	2.6
UCFL207-107D1	2.6
UCFL208D1	3.5
UCFL208-108D1	3.5
UCFL208-109D1	3.5
UCFL209D1	4.2
UCFL209110D1	4.2
UCFL209111D1	4.2
UCFL209112D1	4.2
UCFL210D1	4.9
UCFL210-113D1	4.9
UCFL210-114D1	4.9
UCFL210-115D1	4.9
UCFL210-200D1	4.9
UCFL211D1	6.8
UCFL211-200D1	6.8
UCFL211-201D1	6.8
UCFL211-202D1	6.8
UCFL211-203D1	6.8
UCFL212D1	8.8
UCFL212-204D1	8.8
UCFL212-206D1	8.8
UCFL212-207D1	8.8
UCFL213D1	11.0
UCFL213-208D1	11.0
UCFL214D1	12.0
UCFL214-211D1	12.0
UCFL214-212D1	12.0
UCFL215D1	14.0
UCFL215-215D1	14.0
UCFL215-300D1	14.0
UCFL216D1	18.0
UCFL216-302D1	18.0
UCFL217D1	21.0

Part Number	Weight
UCFL217-304D1	21.0
UCFL218D1	24.0
UCFL218-308D1	24.0
UCFL3 Two-Bolt Series	
UCFL305D1	3.3
UCFL305-014D1	3.3
UCFL305-015D1	3.3
UCFL305-100D1	3.3
UCFL306D1	4.2
UCFL306-102D1	4.2
UCFL306-103D1	4.2
UCFL307D1	5.1
UCFL307-104D1	5.1
UCFL307-105D1	5.1
UCFL307-106D1	5.1
UCFL307-107D1	5.1
UCFL308D1	7.3
UCFL308-108D1	7.3
UCFL309D1	9.3
UCFL309110D1	9.3
UCFL309111D1	9.3
UCFL309112D1	9.3
UCFL310D1	12.0
UCFL310-114D1	12.0
UCFL310-115D1	12.0
UCFL311D1	14.0
UCFL311-200D1	14.0
UCFL311-202D1	14.0
UCFL311-203D1	12.0
UCFL312D1	17.0
UCFL312-204D1	17.0
UCFL312-206D1	17.0
UCFL312-207D1	17.0
UCFL313D1	22.0
UCFL313-208D1	22.0
UCFL314D1	26.0
UCFL314-211D1	26.0
UCFL314-212D1	26.0
UCFL315D1	26.0
UCFL315-215D1	26.0
UCFL315-300D1	26.0
UCFL316D1	35.0
UCFL316-302D1	35.0
UCFL316-303D1	35.0
UCFL317D1	40.0
UCFL317-304D1	40.0
UCFL318D1	46.0
UCFL318-307D1	46.0
UCFL318-308D1	46.0
UCFL319D1	57.0
UCFL319-312D1	57.0
UCFL320D1	68.0
UCFL320-315D1	68.0
UCFL320-400D1	68.0
UCFL321D1	71.0
UCFL322D1	86.0
UCFL324D1	115.0

Part Number	Weight
UCFL326D1	141.0
UCFL328D1	196.0
UCFLX Two-Bolt Series	
UCFLX05D1	2.2
UCFLX05-013D1	2.2
UCFLX05-014D1	2.2
UCFLX05-015D1	2.2
UCFLX05-100D1	2.2
UCFLX06D1	3.3
UCFLX06-101D1	3.3
UCFLX06-102D1	3.3
UCFLX06-103D1	3.3
UCFLX06-104D1	3.3
UCFLX07D1	4.4
UCFLX07-105D1	4.4
UCFLX07-106D1	4.4
UCFLX07-107D1	4.4
UCFLX08D1	4.9
UCFLX08-108D1	4.9
UCFLX08-109D1	4.9
UCFLX09D1	5.3
UCFLX09-110D1	5.3
UCFLX09-111D1	5.3
UCFLX09-112D1	5.3
UCFLX09-113D1	5.3
UCFLX10D1	7.5
UCFLX10-114D1	7.5
UCFLX10-115D1	7.5
UCFLX10-200D1	7.5
UELFL2 Two-Bolt Series	
UELFL204D1	1.3
UELFL204-012D1	1.3
UELFL205D1	1.5
UELFL205-013D1	1.5
UELFL205-014D1	1.5
UELFL205-015D1	1.5
UELFL205-100D1	1.5
UELFL206D1	2.2
UELFL206-101D1	2.2
UELFL206-102D1	2.2
UELFL206-103D1	2.2
UELFL206-104D1	2.2
UELFL207D1	2.9
UELFL207-104D1	2.9
UELFL207-105D1	2.9
UELFL207-106D1	2.9
UELFL207-107D1	2.9
UELFL208D1	3.7
UELFL208-108D1	3.7
UELFL208-109D1	3.7
UELFL209D1	4.4
UELFL209110D1	4.4
UELFL209111D1	4.4
UELFL209112D1	4.4
UELFL210D1	5.1
UELFL210-113D1	5.1
UELFL210-114D1	5.1

Part Number	Weight
UELFL210-115D1	5.1
UELFL210-200D1	5.1
UELFL211D1	7.3
UELFL211-200D1	7.3
UELFL211-201D1	7.3
UELFL211-202D1	7.3
UELFL211-203D1	7.3
UELFL212D1	9.5
UELFL212-204D1	9.5
UELFL212-206D1	9.5
UELFL212-207D1	9.5
UELFL213D1	12.0
UELFL213-208D1	12.0
UELFL214D1	13.0
UELFL214-211D1	13.0
UELFL214-212D1	13.0
UELFL215D1	14.0
UELFL215-215D1	14.0
UELFL215-300D1	14.0
UELFL3 Two-Bolt Series	
UELFL305D1	3.3
UELFL305-014D1	3.3
UELFL305-015D1	3.3
UELFL305-100D1	3.3
UELFL306D1	4.2
UELFL306-102D1	4.2
UELFL306-103D1	4.2
UELFL307D1	5.1
UELFL307-104D1	5.1
UELFL307-105D1	5.1
UELFL307-106D1	5.1
UELFL307-107D1	5.1
UELFL308D1	7.3
UELFL308-108D1	7.3
UELFL309D1	9.3
UELFL309-110D1	9.3
UELFL309-111D1	9.3
UELFL309-112D1	9.3
UELFL310D1	12.0
UELFL310-114D1	12.0
UELFL310-115D1	12.0
UELFL311D1	14.0
UELFL311-200D1	14.0
UELFL311-202D1	14.0
UELFL311-203D1	14.0
UELFL312D1	14.0
UELFL312-204D1	14.0
UELFL312-206D1	14.0
UELFL312-207D1	14.0
UELFL313D1	18.0
UELFL313-208D1	18.0
UELFL314D1	21.0
UELFL314-211D1	21.0
UELFL314-212D1	21.0
UELFL315D1	24.0
UELFL315-215D1	24.0
UELFL315-300D1	24.0

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Flange Units (continued)

Part Number	Weight
UELFL316D1	31.0
UELFL316-302D1	31.0
UELFL316-303D1	31.0
UELFL317D1	35.0
UELFL317-304D1	35.0
UELFL318D1	42.0
UELFL318-307D1	42.0
UELFL318-308D1	42.0
UELFL319D1	53.0
UELFL319-312D1	53.0
UELFL320D1	64.0
UELFL320-315D1	64.0
UELFL320-400D1	64.0
UELFL321D1	66.0
UELFL322D1	79.0
UELFLU2 Two-Bolt Series	
UELFLU204D1	1.3
UELFLU204-012D1	1.3
UELFLU205D1	1.8
UELFLU205-013D1	1.8
UELFLU205-014D1	1.8
UELFLU205-015D1	1.8
UELFLU205-100D1	1.8
UELFLU206D1	2.4
UELFLU206-101D1	2.4
UELFLU206-102D1	2.4
UELFLU206-103D1	2.4
UELFLU206-104D1	2.4
UELFLU207D1	3.1
UELFLU207-104D1	3.1
UELFLU207-105D1	3.1
UELFLU207-106D1	3.1
UELFLU207-107D1	3.1
UELFLU208D1	4.0
UELFLU208-108D1	4.0
UELFLU208-109D1	4.0
UELFLU209D1	4.6
UELFLU209110D1	4.6
UELFLU209111D1	4.6
UELFLU209112D1	4.6
UELFLU210D1	5.5
UELFLU210-113D1	5.5
UELFLU210-114D1	5.5
UELFLU210-115D1	5.5
UELFLU210-200D1	5.5
UELFLU211D1	7.7
UELFLU211-200D1	7.7
UELFLU211-201D1	7.7
UELFLU211-202D1	7.7
UELFLU211-203D1	7.7
UELFLU212D1	9.9
UELFLU212-204D1	9.9
UELFLU212-206D1	9.9
UELFLU212-207D1	9.9
UELFLU213D1	12.0
UELFLU213-208D1	12.0
UELFLU214D1	13.0

Part Number	Weight
UELFLU214-211D1	13.0
UELFLU214-212D1	13.0
UELFLU215D1	15.0
UELFLU215-215D1	15.0
UELFLU215-300D1	15.0
AELFL2 Two-Bolt Series	
AELFL204D1	1.2
AELFL204-012D1	1.2
AELFL206D1	1.5
AELFL206-013D1	1.5
AELFL206-014D1	1.5
AELFL206-015D1	1.5
AELFL206-100D1	1.5
AELFL206D1	2.1
AELFL206-101D1	2.1
AELFL206-102D1	2.1
AELFL206-103D1	2.1
AELFL206-104D1	2.1
AELFL207D1	2.8
AELFL207-104D1	2.8
AELFL207-106D1	2.8
AELFL207-106D1	2.8
AELFL207-107D1	2.8
AELFL208D1	3.6
AELFL208-108D1	3.6
AELFL208-109D1	3.6
AELFL209D1	4.3
AELFL209110D1	4.3
AELFL209111D1	4.3
AELFL209112D1	4.3
AELFL210D1	4.8
AELFL210-113D1	4.8
AELFL210-114D1	4.8
AELFL210-115D1	4.8
JELFL2 Two-Bolt Series	
JELFL204D1	1.2
JELFL204-012D1	1.2
JELFL206D1	1.5
JELFL206-013D1	1.5
JELFL206-014D1	1.5
JELFL206-015D1	1.5
JELFL206-100D1	1.5
JELFL206D1	2.1
JELFL206-101D1	2.1
JELFL206-102D1	2.1
JELFL206-103D1	2.1
JELFL206-104D1	2.1
JELFL207D1	2.8
JELFL207-104D1	2.8
JELFL207-106D1	2.8
JELFL207-106D1	2.8
JELFL207-107D1	2.8
JELFL208D1	3.6
JELFL208-108D1	3.6
JELFL208-109D1	3.6
JELFL209D1	4.3
JELFL209-110D1	4.3

Part Number	Weight
JELFL209-111D1	4.3
JELFL209-112D1	4.3
JELFL210D1	4.8
JELFL210-113D1	4.8
JELFL210-114D1	4.8
JELFL210-115D1	4.8
JELFL210-200D1	4.8
JELFL211D1	7.3
JELFL211-200D1	7.3
JELFL211-201D1	7.3
JELFL211-202D1	7.3
JELFL211-203D1	7.3
JELFL212D1	9.5
JELFL212-204D1	9.5
JELFL212-206D1	9.5
ASFD2 Two-Bolt Series	
ASFD201	0.7
ASFD201-008	0.7
ASFD202	0.7
ASFD202-009	0.7
ASFD202-010	0.7
ASFD203	0.7
ASFD203-011	0.7
ASFD204	0.9
ASFD204-012	0.9
ASFD205	1.1
ASFD205-013	1.1
ASFD205-014	1.1
ASFD205-015	1.1
ASFD205-100	1.1
ASFD206	1.8
ASFD206-101	1.8
ASFD206-102	1.8
ASFD206-103	1.8
ASFD206-104	1.8
ASFD207	2.0
ASFD207-104	2.0
ASFD207-105	2.0
ASFD207-106	2.0
ASFD207-107	2.0
AELFD2 Two-Bolt Series	
AELFD201	0.7
AELFD201-008	0.7
AELFD202	0.7
AELFD202-009	0.7
AELFD202-010	0.7
AELFD203	0.7
AELFD203-011	0.7
AELFD204	0.9
AELFD204-012	0.9
AELFD205	1.1
AELFD205-013	1.1
AELFD205-014	1.1
AELFD205-015	1.1
AELFD205-100	1.1
AELFD206	1.8
AELFD206-101	1.8

Part Number	Weight
AELFD206-102	1.8
AELFD206-103	1.8
AELFD206-104	1.8
AELFD207	2.2
AELFD207-104	2.2
AELFD207-105	2.2
AELFD207-106	2.2
AELFD207-107	2.2
JELFD2 Two-Bolt Series	
JELFD201	0.7
JELFD201-008	0.7
JELFD202	0.7
JELFD202-009	0.7
JELFD202-010	0.7
JELFD203	0.7
JELFD203-011	0.7
JELFD204	1.1
JELFD204-012	1.1
JELFD205	1.1
JELFD205-013	1.1
JELFD205-014	1.1
JELFD205-015	1.1
JELFD205-100	1.1
JELFD206	1.8
JELFD206-101	1.8
JELFD206-102	1.8
JELFD206-103	1.8
JELFD206-104	1.8
JELFD207	2.2
JELFD207-104	2.2
JELFD207-105	2.2
JELFD207-106	2.2
JELFD207-107	2.2
ASPFL2 Two-Bolt Series	
ASPFL201	0.2
ASPFL201-008	0.2
ASPFL202	0.2
ASPFL202-009	0.2
ASPFL202-010	0.2
ASPFL203	0.2
ASPFL203-011	0.2
ASPFL204	0.4
ASPFL204-012	0.4
ASPFL205	0.7
ASPFL205-013	0.7
ASPFL205-014	0.7
ASPFL205-015	0.7
ASPFL205-100	0.7
ASPFL206	0.9
ASPFL206-101	0.9
ASPFL206-102	0.9
ASPFL206-103	0.9
ASPFL206-104	0.9
ASPFL207	1.1
ASPFL207-104	1.1
ASPFL207-105	1.1
ASPFL207-106	1.1

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Flange Units (continued)

Part Number	Weight
ASPFL207-107	1.1
AELPFL2 Two-Bolt Series	
AELPFL201	0.4
AELPFL201-008	0.4
AELPFL202	0.4
AELPFL202-009	0.4
AELPFL202-010	0.4
AELPFL203	0.4
AELPFL203-011	0.4
AELPFL204	0.7
AELPFL204-012	0.7
AELPFL205	0.7
AELPFL205-013	0.7
AELPFL205-014	0.7
AELPFL205-015	0.7
AELPFL205-100	0.7
AELPFL206	1.1
AELPFL206-101	1.1
AELPFL206-102	1.1
AELPFL206-103	1.1
AELPFL206-104	1.1
AELPFL207	1.5
AELPFL207-104	1.5
AELPFL207-105	1.5
AELPFL207-106	1.5
AELPFL207-107	1.5
JELPFL2 Two-Bolt Series	
JELPFL201	0.4
JELPFL201-008	0.4
JELPFL202	0.4
JELPFL202-009	0.4
JELPFL202-010	0.4
JELPFL203	0.4
JELPFL203-011	0.4
JELPFL204	0.7
JELPFL204-012	0.7
JELPFL205	0.7
JELPFL205-013	0.7
JELPFL205-014	0.7
JELPFL205-015	0.7
JELPFL205-100	0.7
JELPFL206	1.1
JELPFL206-101	1.1
JELPFL206-102	1.1
JELPFL206-103	1.1
JELPFL206-104	1.1
JELPFL207	1.5
JELPFL207-104	1.5
JELPFL207-105	1.5
JELPFL207-106	1.5
JELPFL207-107	1.5
ASPF2 Three-Bolt Series	
ASPF201	0.4
ASPF201-008	0.4
ASPF202	0.4
ASPF202-009	0.4
ASPF202-010	0.4

Part Number	Weight
ASPF203	0.4
ASPF203-011	0.4
ASPF204	0.7
ASPF204-012	0.7
ASPF205	0.7
ASPF205-013	0.7
ASPF205-014	0.7
ASPF205-015	0.7
ASPF205-100	0.7
ASPF206	1.1
ASPF206-101	1.1
ASPF206-102	1.1
ASPF206-103	1.1
ASPF206-104	1.1
ASPF207	1.5
ASPF207-104	1.5
ASPF207-105	1.5
ASPF207-106	1.5
ASPF207-107	1.5
ASPF208	2.4
ASPF208-108	2.4
ASPF208-109	2.4
AELPF2 Three-Bolt Series	
AELPF201	0.4
AELPF201-008	0.4
AELPF202	0.4
AELPF202-009	0.4
AELPF202-010	0.4
AELPF203	0.4
AELPF203-011	0.4
AELPF204	0.7
AELPF204-012	0.7
AELPF205	0.7
AELPF205-013	0.9
AELPF205-014	0.9
AELPF205-015	0.9
AELPF205-100	0.9
AELPF206	1.3
AELPF206-101	1.3
AELPF206-102	1.3
AELPF206-103	1.3
AELPF206-104	1.3
AELPF207	1.8
AELPF207-104	1.8
AELPF207-105	1.8
AELPF207-106	1.8
AELPF207-107	1.8
AELPF208	2.9
AELPF208-108	2.9
AELPF208-109	2.9
JELPF2 Three-Bolt Series	
JELPF201	0.4
JELPF201-008	0.4
JELPF202	0.4
JELPF202-009	0.4
JELPF202-010	0.4
JELPF203	0.4

Part Number	Weight
JELPF203-011	0.4
JELPF204	0.7
JELPF204-012	0.7
JELPF205	0.7
JELPF205-013	0.9
JELPF205-014	0.9
JELPF205-015	0.9
JELPF205-100	0.9
JELPF206	1.3
JELPF206-101	1.3
JELPF206-102	1.3
JELPF206-103	1.3
JELPF206-104	1.3
JELPF207	1.8
JELPF207-104	1.8
JELPF207-105	1.8
JELPF207-106	1.8
JELPF207-107	1.8
JELPF208	2.9
JELPF208-108	2.9
JELPF208-109	2.9
UCF2 Four-Bolt Series	
UCF201D1	1.5
UCF201-008D1	1.5
UCF202D1	1.5
UCF202-009D1	1.5
UCF202-010D1	1.5
UCF203D1	1.5
UCF203-011D1	1.5
UCF204D1	1.5
UCF204-012D1	1.5
UCF205D1	1.8
UCF205-013D1	1.8
UCF205-014D1	1.8
UCF205-015D1	1.8
UCF205-100D1	1.8
UCF206D1	2.2
UCF206-101D1	2.2
UCF206-102D1	2.2
UCF206-103D1	2.2
UCF206-104D1	2.2
UCF207D1	3.1
UCF207-104D1	3.1
UCF207-105D1	3.1
UCF207-106D1	3.1
UCF207-107D1	3.1
UCF208D1	4.0
UCF208-108D1	4.0
UCF208-109D1	4.0
UCF209D1	4.9
UCF209110D1	4.9
UCF209111D1	4.9
UCF209112D1	4.9
UCF210D1	5.3
UCF210-113D1	5.3
UCF210-114D1	5.3
UCF210-115D1	5.3

Part Number	Weight
UCF210-200D1	5.3
UCF211D1	7.9
UCF211-200D1	7.9
UCF211-201D1	7.9
UCF211-202D1	7.9
UCF211-203D1	7.9
UCF212D1	9.7
UCF212-204D1	9.7
UCF212-206D1	9.7
UCF212-207D1	9.7
UCF213D1	12.0
UCF213-208D1	12.0
UCF214D1	13.0
UCF214-211D1	13.0
UCF214-212D1	13.0
UCF215D1	15.0
UCF215-215D1	15.0
UCF215-300D1	15.0
UCF216D1	18.0
UCF216-302D1	18.0
UCF217D1	21.0
UCF217-304D1	21.0
UCF218D1	24.0
UCF218-308D1	24.0
UCF3 Four-Bolt Series	
UCF305D1	2.4
UCF305-014D1	2.4
UCF305-015D1	2.4
UCF305-100D1	2.4
UCF306D1	3.5
UCF306-102D1	3.5
UCF306-103D1	3.5
UCF307D1	4.4
UCF307-104D1	4.4
UCF307-105D1	4.4
UCF307-106D1	4.4
UCF307-107D1	4.4
UCF308D1	6.0
UCF308-108D1	6.0
UCF309D1	7.5
UCF309110D1	7.5
UCF309111D1	7.5
UCF309112D1	7.5
UCF310D1	9.9
UCF310-114D1	9.9
UCF310-115D1	9.9
UCF311D1	12.0
UCF311-200D1	12.0
UCF311-202D1	12.0
UCF311-203D1	12.0
UCF312D1	14.0
UCF312-204D1	14.0
UCF312-206D1	14.0
UCF312-207D1	14.0
UCF313D1	17.0
UCF313-208D1	17.0
UCF314D1	21.0

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Flange Units (continued)

Part Number	Weight
UCF314-211D1	21.0
UCF314-212D1	21.0
UCF315D1	26.0
UCF315-215D1	26.0
UCF315-300D1	26.0
UCF316D1	31.0
UCF316-302D1	31.0
UCF316-303D1	31.0
UCF317D1	35.0
UCF317-304D1	35.0
UCF318D1	42.0
UCF318-307D1	42.0
UCF318-308D1	42.0
UCF319D1	49.0
UCF319-312D1	49.0
UCF320D1	57.0
UCF320-315D1	57.0
UCF320-400D1	57.0
UCF321D1	60.0
UCF322D1	84.0
UCF324D1	110.0
UCF326D1	146.0
UCF328D1	198.0
UCFX Four-Bolt Series	
UCFX05D1	2.2
UCFX05-013D1	2.2
UCFX05-014D1	2.2
UCFX05-015D1	2.2
UCFX05-100D1	2.2
UCFX06D1	3.7
UCFX06-101D1	3.7
UCFX06-102D1	3.7
UCFX06-103D1	3.7
UCFX06-104D1	3.7
UCFX07D1	4.6
UCFX07-105D1	4.6
UCFX07-106D1	4.6
UCFX07-107D1	4.6
UCFX08D1	5.3
UCFX08-108D1	5.3
UCFX08-109D1	5.3
UCFX09D1	5.5
UCFX09-110D1	5.5
UCFX09-111D1	5.5
UCFX09-112D1	5.5
UCFX09-113D1	5.5
UCFX10D1	8.6
UCFX10-114D1	8.6
UCFX10-115D1	8.6
UCFX10-200D1	8.6
UCFX11D1	11.0
UCFX11-201D1	11.0
UCFX11-202D1	11.0
UCFX11-203D1	11.0
UCFX11-204D1	11.0
UCFX11-205D1	11.0
UCFX12D1	11.0
UCFX12-206D1	11.0
UCFX12-207D1	11.0
UCFX13D1	12.0
UCFX13-208D1	12.0
UCFX13-209D1	12.0
UCFX14D1	16.0
UCFX14-210D1	16.0
UCFX14-211D1	16.0
UCFX14-212D1	16.0
UCFX15D1	18.0
UCFX15-213D1	18.0
UCFX15-214D1	18.0
UCFX15-215D1	18.0
UCFX15-300D1	18.0
UCFX16D1	22.0
UCFX16-302D1	22.0
UCFX16-303D1	22.0
UCFX16-304D1	22.0
UCFX17D1	24.0
UCFX17-305D1	24.0
UCFX17-307D1	24.0
UCFX18D1	24.0
UCFX18-308D1	24.0
UCFX20D1	37.0
UCFX20-314D1	37.0
UCFX20-315D1	37.0
UCFX20-400D1	37.0
UELF2 Four-Bolt Series	
UELF204D1	1.5
UELF204-012D1	1.5
UELF205D1	1.8
UELF205-013D1	1.8
UELF205-014D1	1.8
UELF205-015D1	1.8
UELF205-100D1	1.8
UELF206D1	2.6
UELF206-101D1	2.6
UELF206-102D1	2.6
UELF206-103D1	2.6
UELF206-104D1	2.6
UELF207D1	3.5
UELF207-104D1	3.5
UELF207-105D1	3.5
UELF207-106D1	3.5
UELF207-107D1	3.5
UELF208D1	4.2
UELF208-108D1	4.2
UELF208-109D1	4.2
UELF209D1	5.1
UELF209110D1	5.1
UELF209111D1	5.1
UELF209112D1	5.1
UELF210D1	5.7
UELF210-113D1	5.7
UELF210-114D1	5.7
UELF210-115D1	5.7
UELF210-200D1	5.7
UELF211D1	8.4
UELF211-200D1	8.4
UELF211-201D1	8.4
UELF211-202D1	8.4
UELF211-203D1	8.4
UELF212D1	11.0
UELF212-204D1	11.0
UELF212-206D1	11.0
UELF212-207D1	11.0
UELF213D1	13.0
UELF213-208D1	13.0
UELF214D1	14.0
UELF214-211D1	14.0
UELF214-212D1	14.0
UELF215D1	16.0
UELF215-215D1	16.0
UELF215-300D1	16.0
UELF3 Four-Bolt Series	
UELF305D1	2.6
UELF305-014D1	2.6
UELF305-015D1	2.6
UELF305-100D1	2.6
UELF306D1	3.7
UELF306-102D1	3.7
UELF306-103D1	3.7
UELF307D1	4.4
UELF307-104D1	4.4
UELF307-105D1	4.4
UELF307-106D1	4.4
UELF307-107D1	4.4
UELF308D1	6.2
UELF308-108D1	6.2
UELF309D1	7.9
UELF309-110D1	7.9
UELF309-111D1	7.9
UELF309-112D1	7.9
UELF310D1	10.0
UELF310-114D1	10.0
UELF310-115D1	10.0
UELF311D1	13.0
UELF311-200D1	13.0
UELF311-202D1	13.0
UELF311-203D1	13.0
UELF312D1	15.0
UELF312-204D1	15.0
UELF312-206D1	15.0
UELF312-207D1	15.0
UELF313D1	18.0
UELF313-208D1	18.0
UELF314D1	22.0
UELF314-211D1	22.0
UELF314-212D1	22.0
UELF315D1	26.0
UELF315-215D1	26.0
UELF315-300D1	26.0
UELF316D1	35.0
UELF316-302D1	35.0
UELF316-303D1	35.0
UELF317D1	37.0
UELF317-304D1	37.0
UELF318D1	46.0
UELF318-307D1	46.0
UELF318-308D1	46.0
UELF319D1	51.0
UELF319-312D1	51.0
UELF320D1	62.0
UELF320-315D1	62.0
UELF320-400D1	62.0
UELF321D1	64.0
UELF322D1	88.0
UELFU2 Four-Bolt Series	
UELFU204D1	1.8
UELFU204-012D1	1.8
UELFU205D1	2.0
UELFU205-013D1	2.0
UELFU205-014D1	2.0
UELFU205-015D1	2.0
UELFU205-100D1	2.0
UELFU206D1	2.9
UELFU206-101D1	2.9
UELFU206-102D1	2.9
UELFU206-103D1	2.9
UELFU206-104D1	2.9
UELFU207D1	4.0
UELFU207-104D1	4.0
UELFU207-105D1	4.0
UELFU207-106D1	4.0
UELFU207-107D1	4.0
UELFU208D1	4.6
UELFU208-108D1	4.6
UELFU208-109D1	4.6
UELFU209D1	5.5
UELFU209110D1	5.5
UELFU209111D1	5.5
UELFU209112D1	5.5
UELFU210D1	6.4
UELFU210-113D1	6.4
UELFU210-114D1	6.4
UELFU210-115D1	6.4
UELFU210-200D1	6.4
UELFU211D1	9.3
UELFU211-200D1	9.3
UELFU211-201D1	9.3
UELFU211-202D1	9.3
UELFU211-203D1	9.3
UELFU212D1	11.0
UELFU212-204D1	11.0
UELFU212-206D1	11.0
UELFU212-207D1	11.0
UELFU213D1	13.0
UELFU213-208D1	13.0
UELFU214D1	13.0
UELFU214-211D1	13.0
UELFU214-212D1	13.0

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Flange Units (continued)

Part Number	Weight
UELFU215D1	17.0
UELFU215-215D1	17.0
UELFU215-300D1	17.0
UKF2 Four-Bolt Series	
UKF205D1:H2305X	1.8
UKF205D1:HE2305	1.8
UKF206D1:H2306X	2.4
UKF206D1:HS2306	2.4
UKF206D1:HE2306X	2.4
UKF207D1:H2307X	3.3
UKF207D1:HS2307	3.3
UKF208D1:H2308X	4.2
UKF208D1:HE2308X	4.2
UKF208D1:HS2308X	4.2
UKF209D1:H2309X	5.1
UKF209D1:HA2309	5.1
UKF209D1:HE2309X	5.1
UKF209D1:HS2309X	5.1
UKF210D1:H2310X	5.7
UKF210D1:HS2310	5.7
UKF210D1:HA2310	5.7
UKF210D1:HE2310X	5.7
UKF211D1:H2311X	8.4
UKF211D1:HS2311	8.4
UKF211D1:HA2311	8.4
UKF211D1:HE2311XY	8.4
UKF212D1:H2312X	9.9
UKF212D1:HS2312	9.9
UKF213D1:H2313X	12.0
UKF213D1:HA2313	12.0
UKF213D1:HE2313	12.0
UKF213D1:HS2313	12.0
UKF215D1:H2315X	16.0
UKF215D1:HA2315	16.0
UKF215D1:HE2315	16.0
UKF216D1:H2316X	19.0
UKF216D1:HA2316	19.0
UKF216D1:HE2316	19.0
UKF217D1:H2317X	22.0
UKF217D1:HA2317	22.0
UKF217D1:HE2317	22.0
UKF218D1:H2318X	26.0
UKF218D1:HA2318	26.0

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Insert

Part Number	Weight
AS2 Series Inserts	
AS201	0.2
AS201-008	0.2
AS202	0.2
AS202-009	0.2
AS202-010	0.2
AS203	0.2
AS203-011	0.2
AS204	0.3
AS204-012	0.3
AS205	0.4
AS205-013	0.4
AS205-014	0.4
AS205-015	0.4
AS205-100	0.4
AS206	0.6
AS206-101	0.6
AS206-102	0.6
AS206-103	0.6
AS206-104	0.6
AS207	0.9
AS207-104	0.9
AS207-105	0.9
AS207-106	0.9
AS207-107	0.9
AS208	1.1
AS208-108	1.1
AS208-109	1.1
ASS2 Series Inserts	
ASS201N	0.2
ASS201-008N	0.2
ASS202N	0.2
ASS202-009N	0.2
ASS202-010N	0.2
ASS203N	0.2
ASS203-011N	0.2
ASS204N	0.3
ASS204-012N	0.3
ASS205N	0.4
ASS205-013N	0.4
ASS205-014N	0.4
ASS205-015N	0.4
ASS205-100N	0.4
ASS206N	0.6
ASS206-101N	0.6
ASS206-102N	0.6
ASS206-103N	0.6
ASS206-104N	0.6
ASS207N	1.1
ASS207-104N	1.1
ASS207-105N	1.1
ASS207-106N	1.1
ASS207-107N	1.1
ASS208N	1.2
ASS208-108N	1.2
ASS208-109N	1.2

Part Number	Weight
AEL2 Series Inserts	
AEL201	0.2
AEL201-008	0.2
AEL202	0.2
AEL202-009	0.2
AEL202-010	0.2
AEL203	0.2
AEL203-011	0.2
AEL204	0.4
AEL204-012	0.4
AEL205	0.5
AEL205-013	0.5
AEL205-014	0.5
AEL205-015	0.5
AEL205-100	0.5
AEL206	0.7
AEL206-101	0.7
AEL206-102	0.7
AEL206-103	0.7
AEL206-104	0.7
AEL207	1.1
AEL207-104	1.1
AEL207-105	1.1
AEL207-106	1.1
AEL207-107	1.1
AEL208	1.4
AEL208-108	1.4
AEL208-109	1.4
AELS2 Series Inserts	
AELS201N	0.3
AELS201-008N	0.3
AELS202N	0.3
AELS202-009N	0.3
AELS202-010N	0.3
AELS203N	0.3
AELS203-011N	0.3
AELS204N	0.4
AELS204-012N	0.4
AELS205N	0.5
AELS205-013N	0.5
AELS205-014N	0.5
AELS205-015N	0.5
AELS205-100N	0.5
AELS206N	0.7
AELS206-101N	0.7
AELS206-102N	0.7
AELS206-103N	0.7
AELS206-104N	0.7
AELS207N	1.1
AELS207-104N	1.1
AELS207-105N	1.1
AELS207-106N	1.1
AELS207-107N	1.1
AELS208N	1.4
AELS208-108N	1.4
AELS208-109N	1.4

Part Number	Weight
JEL2 Series Inserts	
JEL201	0.2
JEL201-008	0.2
JEL202	0.2
JEL202-009	0.2
JEL202-010	0.2
JEL203	0.2
JEL203-011	0.2
JEL204	0.4
JEL204-012	0.4
JEL205	0.4
JEL205-013	0.4
JEL205-014	0.4
JEL205-015	0.4
JEL205-100	0.4
JEL206	0.7
JEL206-101	0.7
JEL206-102	0.7
JEL206-103	0.7
JEL206-104	0.7
JEL207	1.2
JEL207-104	1.2
JEL207-105	1.2
JEL207-106	1.2
JEL207-107	1.2
JEL208	1.5
JEL208-108	1.5
JEL208-109	1.5
JEL209	1.7
JEL209-110	1.7
JEL209-111	1.7
JEL209-112	1.7
JEL210	1.9
JEL210-114	1.9
JEL210-115	1.9
JEL211	2.7
JEL211-200	2.7
JEL211-203	2.7
JEL212	3.6
JEL212-204	3.6
REL2 Series Inserts	
REL204	0.4
REL204-012	0.4
REL205	0.5
REL205-013	0.5
REL205-014	0.5
REL205-015	0.5
REL205-100	0.5
REL206	0.7
REL206-101	0.7
REL206-102	0.7
REL206-103	0.7
REL206-104	0.7
REL207	1.0
REL207-104	1.0
REL207-105	1.0
REL207-106	1.0

Part Number	Weight
REL207-107	1.0
REL208	1.3
REL208-108	1.3
REL208-109	1.3
REL209	1.5
REL209-110	1.5
REL209-111	1.5
REL209-112	1.5
REL210	1.7
REL210-113	1.7
REL210-114	1.7
REL210-115	1.7
REL210-200	1.7
REL211	2.3
REL211-200	2.3
REL211-201	2.3
REL211-202	2.3
REL211-203	2.3
REL212	3.3
REL212-204	3.3
REL212-205	3.3
REL212-206	3.3
REL212-207	3.3
UC2 Series Inserts	
UC201D1	0.4
UC201-008D1	0.4
UC202D1	0.4
UC202-009D1	0.4
UC202-010D1	0.4
UC203D1	0.4
UC203-011D1	0.4
UC204D1	0.4
UC204-012D1	0.4
UC205D1	0.5
UC205-013D1	0.5
UC205-014D1	0.5
UC205-015D1	0.5
UC205-100D1	0.5
UC206D1	0.7
UC206-101D1	0.7
UC206-102D1	0.7
UC206-103D1	0.7
UC206-104D1	0.7
UC207D1	1.0
UC207-104D1	1.0
UC207-105D1	1.0
UC207-106D1	1.0
UC207-107D1	1.0
UC208D1	1.5
UC208-108D1	1.5
UC208-109D1	1.5
UC209D1	1.7
UC209-110D1	1.7
UC209-111D1	1.7
UC209-112D1	1.7
UC210D1	1.9
UC210-113D1	1.9

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Insert (continued)

Part Number	Weight
UC210-114D1	1.9
UC210-115D1	1.9
UC210-200D1	1.9
UC211D1	2.5
UC211-200D1	2.5
UC211-201D1	2.5
UC211-202D1	2.5
UC211-203D1	2.5
UC212D1	3.4
UC212-204D1	3.4
UC212-206D1	3.4
UC212-207D1	3.4
UC213D1	4.1
UC213-208D1	4.1
UC214D1	4.7
UC214-211D1	4.7
UC214-212D1	4.7
UC215D1	5.0
UC215-215D1	5.0
UC215-300D1	5.0
UC216D1	6.2
UC216-302D1	6.2
UC217D1	7.6
UC217-304D1	7.6
UC218D1	9.7
UC218-307D1	9.7
UC218-308D1	9.7
UCX Series Inserts	
UCX05D1	0.9
UCX05-013D1	0.9
UCX05-014D1	0.9
UCX05-015D1	0.9
UCX05-100D1	0.9
UCX06D1	1.6
UCX06-101D1	1.6
UCX06-102D1	1.6
UCX06-103D1	1.6
UCX06-104D1	1.6
UCX07D1	1.8
UCX07-105D1	1.8
UCX07-106D1	1.8
UCX07-107D1	1.8
UCX08D1	2.1
UCX08-108D1	2.1
UCX08-109D1	2.1
UCX09D1	2.4
UCX09-110D1	2.4
UCX09-111D1	2.4
UCX09-112D1	2.4
UCX10D1	3.1
UCX10-113D1	3.1
UCX10-114D1	3.1
UCX10-115D1	3.1
UCX10-200D1	3.1
UCX11D1	4.3
UCX11-201D1	4.3
UCX11-202D1	4.3
UCX11-203D1	4.3
UCX12D1	5.0
UCX12-204D1	5.0
UCX12-207D1	5.0
UCX13D1	5.5
UCX13-208D1	5.5
UCX13-209D1	5.5
UCX14D1	5.7
UCX14-210D1	5.7
UCX14-211D1	5.7
UCX14-212D1	5.7
UCX15D1	7.2
UCX15-213D1	7.2
UCX15-214D1	7.2
UCX15-215D1	7.2
UCX15-300D1	7.2
UCX16D1	8.3
UCX16-302D1	8.3
UCX16-303D1	8.3
UCX17D1	10.6
UCX17-305D1	10.6
UCX17-307D1	10.6
UCX18D1	12.3
UCX18-307D1	12.3
UCX18-308D1	12.3
UCX20D1	19.4
UCX20-314D1	19.4
UCX20-315D1	19.4
UCX20-400D1	19.4
UC3 Series Inserts	
UC305D1	0.8
UC305-013D1	0.8
UC305-014D1	0.8
UC305-015D1	0.8
UC305-100D1	0.8
UC306D1	1.2
UC306-101D1	1.2
UC306-102D1	1.2
UC306-103D1	1.2
UC306-104D1	1.2
UC307D1	1.6
UC307-104D1	1.6
UC307-105D1	1.6
UC307-106D1	1.6
UC307-107D1	1.6
UC308D1	2.1
UC308-108D1	2.1
UC308-109D1	2.1
UC309D1	2.8
UC309-110D1	2.8
UC309-111D1	2.8
UC309-112D1	2.8
UC310D1	3.6
UC310-113D1	3.6
UC310-114D1	3.6
UC310-115D1	3.6
UC310-200D1	3.6
UC311D1	4.6
UC311-200D1	4.6
UC311-201D1	4.6
UC311-202D1	4.6
UC311-203D1	4.6
UC312D1	5.7
UC312-204D1	5.7
UC312-206D1	5.7
UC312-207D1	5.7
UC313D1	7.2
UC313-208D1	7.2
UC314D1	8.6
UC314-211D1	8.6
UC314-212D1	8.6
UC315D1	10.4
UC315-215D1	10.4
UC315-300D1	10.4
UC316D1	12.2
UC316-302D1	12.2
UC317D1	14.7
UC317-304D1	14.7
UC318D1	16.7
UC318-307D1	16.7
UC318-308D1	16.7
UC319D1	19.2
UC319-312D1	19.2
UC320D1	23.8
UC320-315D1	23.8
UC320-400D1	23.8
UC321D1	26.9
UC322D1	31.5
UC324D1	40.8
UC326D1	50.7
UC328D1	62.8
UCS2 Series Inserts	
UCS201D1N	0.4
UCS201-008D1N	0.4
UCS202D1N	0.4
UCS202-009D1N	0.4
UCS202-010D1N	0.4
UCS203D1N	0.4
UCS203-011D1N	0.4
UCS204D1N	0.4
UCS204-012D1N	0.4
UCS205D1N	0.5
UCS205-013D1N	0.5
UCS205-014D1N	0.5
UCS205-015D1N	0.5
UCS205-100D1N	0.5
UCS206D1N	0.8
UCS206-101D1N	0.8
UCS206-102D1N	0.8
UCS206-103D1N	0.8
UCS207D1N	1.1
UCS207-104D1N	1.1
UCS207-105D1N	1.1
UCS207-106D1N	1.1
UCS207-107D1N	1.1
UCS208D1N	1.4
UCS208-108D1N	1.4
UCS208-109D1N	1.4
UCS209D1N	1.7
UCS209-110D1N	1.7
UCS209-111D1N	1.7
UCS209-112D1N	1.7
UCS210D1N	2.0
UCS210-113D1N	2.0
UCS210-114D1N	2.0
UCS210-115D1N	2.0
UCS211D1N	2.6
UCS211-200D1N	2.6
UCS211-201D1N	2.6
UCS211-202D1N	2.6
UCS211-203D1N	2.6
UCS212D1	3.6
UCS212-204D1	3.6
UCS212-206D1	3.6
UCS212-207D1	3.6
UCS213D1	4.3
UCS213-208D1	4.3
UCS214D1	4.8
UCS215D1	5.4
UCS216D1	6.4
UCS217D1	7.7
UCS218D1	9.8
UCS3 Series Inserts	
UCS305D1	0.9
UCS305-013D1	0.9
UCS305-014D1	0.9
UCS305-015D1	0.9
UCS305-100D1	0.9
UCS306D1	1.3
UCS306-101D1	1.3
UCS306-102D1	1.3
UCS306-103D1	1.3
UCS307D1	1.7
UCS307-104D1	1.7
UCS307-105D1	1.7
UCS307-106D1	1.7
UCS307-107D1	1.7
UCS308D1	2.3
UCS308-108D1	2.3
UCS308-109D1	2.3
UCS309D1	3.0
UCS309-110D1	3.0
UCS309-111D1	3.0
UCS309-112D1	3.0
UCS310D1	3.9
UCS310-113D1	3.9
UCS310-114D1	3.9
UCS310-115D1	3.9
UCS311D1	5.0
UCS311-200D1	5.0
UCS311-201D1	5.0

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

"Green Line" Insert (continued)

Part Number	Weight	Part Number	Weight	Part Number	Weight	Part Number	Weight
UCS311-202D1	5.0	UEL206-104D1	0.9	UEL306-103D1	1.5	UEL320-315D1	27.3
UCS311-203D1	5.0	UEL207D1	1.4	UEL306-104D1	1.5	UEL320-400D1	27.3
UCS312D1	5.9	UEL207-104D1	1.4	UEL307D1	1.8	UEL321D1	32.2
UCS312-204D1	5.9	UEL207-105D1	1.4	UEL307-104D1	1.8	UEL322D1	37.9
UCS312-206D1	5.9	UEL207-106D1	1.4	UEL307-105D1	1.8	**UK2 Insert Series**	
UCS312-207D1	5.9	UEL207-107D1	1.4	UEL307-106D1	1.8	UK205D1:H2305X	0.6
UCS313D1	7.5	UEL208D1	1.9	UEL307-107D1	1.8	UK205D1:HE2305	0.6
UCS313-208D1	7.5	UEL208-108D1	1.9	UEL308D1	2.4	UK206D1:H2306X	0.8
UCS314D1	9.0	UEL208-109D1	1.9	UEL308-108D1	2.4	UK206D1:HS2306	0.8
UCS314-211D1	9.0	UEL209D1	1.9	UEL308-109D1	2.4	UK206D1:HE2306X	0.8
UCS314-212D1	9.0	UEL209-110D1	1.9	UEL309D1	3.3	UK207D1:H2307X	1.3
UCS315D1	10.9	UEL209-111D1	1.9	UEL309-110D1	3.3	UK207D1:HS2307	1.3
UCS315-215D1	10.9	UEL209-112D1	1.9	UEL309-111D1	3.3	UK208D1:H2308X	1.7
UCS315-300D1	10.9	UEL210D1	2.4	UEL309-112D1	3.3	UK208D1:HE2308X	1.7
UCS316D1	12.6	UEL210-113D1	2.4	UEL310D1	4.2	UK208D1:HS2308X	1.7
UCS316-302D1	12.6	UEL210-114D1	2.4	UEL310-114D1	4.2	UK209D1:H2309X	1.9
UCS316-303D1	12.6	UEL210-115D1	2.4	UEL310-115D1	4.2	UK209D1:HA2309	1.9
UCS317D1	15.4	UEL210-200D1	2.4	UEL311D1	5.3	UK209D1:HE2309X	1.9
UCS317-304D1	15.4	UEL211D1	3.1	UEL311-200D1	5.3	UK209D1:HS2309X	1.9
UCS318D1	17.6	UEL211-200D1	3.1	UEL311-202D1	5.3	UK210D1:H2310X	2.2
UCS318-307D1	17.6	UEL211-201D1	3.1	UEL311-203D1	5.3	UK210D1:HS2310	2.2
UCS318-308D1	17.6	UEL211-202D1	3.1	UEL312D1	6.5	UK210D1:HA2310	2.2
UCS319D1	19.8	UEL211-203D1	3.1	UEL312-204D1	6.5	UK210D1:HE2310X	2.2
UCS319-312D1	19.8	UEL212D1	4.1	UEL312-206D1	6.5	UK211D1:H2311X	2.8
UCS320D1	24.3	UEL212-204D1	4.1	UEL312-207D1	6.5	UK211D1:HS2311	2.8
UCS320-315D1	24.3	UEL212-206D1	4.1	UEL313D1	8.2	UK211D1:HA2311	2.8
UCS320-400D1	24.3	UEL212-207D1	4.1	UEL313-208D1	8.2	UK211D1:HE2311XY	2.8
UCS321D1	27.8	UEL213D1	4.7	UEL314D1	10.0	UK212D1:H2312X	3.6
UCS322D1	32.4	UEL213-208D1	4.7	UEL314-211D1	10.0	UK212D1:HS2312	3.6
UCS324D1	41.9	UEL214D1	5.3	UEL314-212D1	10.0	UK213D1:H2313X	4.6
UCS326D1	52.0	UEL214-211D1	5.3	UEL315D1	12.6	UK213D1:HA2313	4.6
UCS328D1	64.4	UEL214-212D1	5.3	UEL315-215D1	12.6	UK213D1:HE2313	4.6
UEL2 Series Inserts		UEL215D1	5.6	UEL315-300D1	12.6	UK213D1:HS2313	4.6
UEL204D1	0.5	UEL215-215D1	5.6	UEL316D1	14.8	UK215D1:H2315X	5.9
UEL204-012D1	0.5	UEL215-300D1	5.6	UEL316-302D1	14.8	UK215D1:HA2315	5.9
UEL205D1	0.6	**UEL3 Series Inserts**		UEL316-303D1	14.8	UK215D1:HE2315	5.9
UEL205-013D1	0.6	UEL305D1	1.0	UEL317D1	17.7	UK216D1:H2316X	7.2
UEL205-014D1	0.6	UEL305-013D1	1.0	UEL317-304D1	17.7	UK216D1:HA2316	7.2
UEL205-015D1	0.6	UEL305-014D1	1.0	UEL318D1	20.5	UK216D1:HE2316	7.2
UEL205-100D1	0.6	UEL305-015D1	1.0	UEL318-307D1	20.5	UK217D1:H2317X	8.6
UEL206D1	0.9	UEL305-100D1	1.0	UEL318-308D1	20.5	UK217D1:HA2317	8.6
UEL206-101D1	0.9	UEL306D1	1.5	UEL319D1	22.7	UK217D1:HE2317	8.6
UEL206-102D1	0.9	UEL306-101D1	1.5	UEL319-312D1	22.7	UK218D1:H2318X	10.6
UEL206-103D1	0.9	UEL306-102D1	1.5	UEL320D1	27.3	UK218D1:HA2318	10.6

Weight	
Metric	kgs.
Standard	lbs.

Corrosion Resistant

Part Number	Weight
MUCPPL Pillow Blocks	
MUCPPL204	0.7
MUCPPL204-12	0.7
MUCPPL205	0.8
MUCPPL205-16	0.8
MUCPPL206	1.2
MUCPPL206-18	1.2
MUCPPL206-19	1.2
MUCPPL206-20	1.2
MUCPPL207	1.7
MUCPPL207-20	1.7
MUCPPL207-22	1.7
MUCPPL207-23	1.7
MUCPPL208	2.2
MUCPPL208-24	2.2
ZUCPPL Pillow Blocks	
ZUCPPL204	0.7
ZUCPPL204-12	0.7
ZUCPPL205	0.8
ZUCPPL205-16	0.8
ZUCPPL206	1.2
ZUCPPL206-18	1.2
ZUCPPL206-19	1.2
ZUCPPL206-20	1.2
ZUCPPL207	1.7
ZUCPPL207-20	1.7
ZUCPPL207-22	1.7
ZUCPPL207-23	1.7
ZUCPPL208	2.2
ZUCPPL208-24	2.2
SUCP Pillow Blocks	
SUCP201	1.8
SUCP202	1.8
SUCP203	1.9
SUCP204	1.8
SUCP204-12	1.8
SUCP205	2.1
SUCP205-16	2.1
SUCP206	3.5
SUCP206-18	3.5
SUCP206-19	3.5
SUCP206-20	3.5
SUCP207	4.3
SUCP207-20	4.3
SUCP207-22	4.3
SUCP207-23	4.3
SUCP208	5.3
SUCP208-24	5.3
SUCP209	6.0
SUCP209-28	6.0
SUCP210	7.2
SUCP210-31	7.2
SUCP211	9.1
SUCP211-32	9.1
SUCP211-35	9.1
SUCP212	12.6
SUCP212-39	12.6

Part Number	Weight
SESP Pillow Blocks	
SESP201	1.8
SESP202	1.7
SESP203	1.7
SESP204	1.8
SESP204-12	1.8
SESP205	2.1
SESP205-16	2.1
SESP206	3.5
SESP206-18	3.5
SESP206-19	3.5
SESP206-20	3.5
SESP207	4.4
SESP207-20	4.4
SESP207-22	4.4
SESP207-23	4.4
SESP208	5.3
SESP208-24	5.3
SESP209	5.9
SESP209-28	5.9
SESP210	7.2
SESP210-31	7.2
SESP211	9.0
SESP211-32	9.0
SESP211-35	9.0
SESP212	12.3
SESP212-39	12.3
SUCP Tapped Base	
SUCPA201	1.6
SUCPA202	1.6
SUCPA203	1.5
SUCPA204	1.5
SUCPA204-12	1.5
SUCPA205	1.7
SUCPA205-16	1.7
SUCPA206	2.9
SUCPA206-18	2.9
SUCPA206-19	2.9
SUCPA206-20	2.9
SUCPA207	3.8
SUCPA207-20	3.8
SUCPA207-22	3.8
SUCPA207-23	3.8
SUCPA208	4.2
SUCPA208-24	4.2
SUCPA209	5.1
SUCPA209-28	5.1
SUCPA210	6.2
SUCPA210-31	6.2
SUCPA210-32	6.2
SESP Tapped Base	
SESPA201	1.4
SESPA202	1.4
SESPA203	1.4
SESPA204	1.5
SESPA204-12	1.5
SESPA205	1.7

Part Number	Weight
SESPA205-16	1.7
SESPA206	2.9
SESPA206-18	2.9
SESPA206-19	2.9
SESPA206-20	2.9
SESPA207	3.9
SESPA207-20	3.9
SESPA207-22	3.9
SESPA207-23	3.9
SESPA208	4.2
SESPA208-24	4.2
SESPA209	5.1
SESPA209-28	5.1
SESPA210	6.2
SESPA210-31	6.2
SESPA210-32	6.2
MUCNFL Two-Bolt Flange	
MUCNFL204	0.5
MUCNFL204-12	0.5
MUCNFL205	0.7
MUCNFL205-16	0.7
MUCNFL206	0.9
MUCNFL206-18	0.9
MUCNFL206-19	0.9
MUCNFL206-20	0.9
MUCNFL207	1.5
MUCNFL207-20	1.5
MUCNFL207-22	1.5
MUCNFL207-23	1.5
MUCNFL208	1.9
MUCNFL208-24	1.9
ZUCNFL Two-Bolt Flange	
ZUCNFL204	0.5
ZUCNFL204-12	0.5
ZUCNFL205	0.7
ZUCNFL205-16	0.7
ZUCNFL206	0.9
ZUCNFL206-18	0.9
ZUCNFL206-19	0.9
ZUCNFL206-20	0.9
ZUCNFL207	1.5
ZUCNFL207-20	1.5
ZUCNFL207-22	1.5
ZUCNFL207-23	1.5
ZUCNFL208	1.9
ZUCNFL208-24	1.9
SUCFL Two-Bolt Flange	
SUCFL201	1.2
SUCFL202	1.2
SUCFL203	1.2
SUCFL204	1.2
SUCFL204-12	1.2
SUCFL205	1.3
SUCFL205-16	1.3
SUCFL206	2.0
SUCFL206-18	2.0
SUCFL206-19	2.0

Part Number	Weight
SUCFL206-20	2.0
SUCFL207	2.6
SUCFL207-20	2.6
SUCFL207-22	2.6
SUCFL207-23	2.6
SUCFL208	3.4
SUCFL208-24	3.4
SUCFL209	4.0
SUCFL209-28	4.0
SUCFL210	4.8
SUCFL210-31	4.8
SESFL Two-Bolt Flange	
SESFL201	1.0
SESFL202	1.0
SESFL203	0.9
SESFL204	1.1
SESFL204-12	1.1
SESFL205	1.3
SESFL205-16	1.3
SESFL206	1.9
SESFL206-18	1.9
SESFL206-19	1.9
SESFL206-20	1.9
SESFL207	2.7
SESFL207-20	2.7
SESFL207-22	2.7
SESFL207-23	2.7
SESFL208	3.4
SESFL208-24	3.4
SESFL209	4.0
SESFL209-28	4.0
SESFL210	4.7
SESFL210-31	4.7
MUCFBL Three-Bolt Flange	
MUCFBL204	0.6
MUCFBL204-12	0.6
MUCFBL205	0.7
MUCFBL205-16	0.7
MUCFBL206	1.0
MUCFBL206-18	1.0
MUCFBL206-19	1.0
MUCFBL206-20	1.0
MUCFBL207	1.4
MUCFBL207-20	1.4
MUCFBL207-22	1.4
MUCFBL207-23	1.4
MUCFBL208	1.8
MUCFBL208-24	1.8
ZUCFBL Three-Bolt Flange	
ZUCFBL204	0.6
ZUCFBL204-12	0.6
ZUCFBL205	0.7
ZUCFBL205-16	0.7
ZUCFBL206	1.0
ZUCFBL206-18	1.0
ZUCFBL206-19	1.0
ZUCFBL206-20	1.0

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

Corrosion Resistant (continued)

Part Number	Weight
ZUCFBL207	1.5
ZUCFBL207-20	1.5
ZUCFBL207-22	1.5
ZUCFBL207-23	1.5
ZUCFBL208	1.8
ZUCFBL208-24	1.8
MUCFPL Four-Bolt Flange	
MUCFPL204	0.7
MUCFPL204-12	0.7
MUCFPL205	0.8
MUCFPL205-16	0.8
MUCFPL206	1.1
MUCFPL206-18	1.1
MUCFPL206-19	1.1
MUCFPL206-20	1.1
MUCFPL207	1.7
MUCFPL207-20	1.7
MUCFPL207-22	1.7
MUCFPL207-23	1.7
MUCFPL208	2.2
MUCFPL208-24	2.2
ZUCFPL Four-Bolt Flange	
ZUCFPL204	0.7
ZUCFPL204-12	0.7
ZUCFPL205	0.8
ZUCFPL205-16	0.8
ZUCFPL206	1.1
ZUCFPL206-18	1.1
ZUCFPL206-19	1.1
ZUCFPL206-20	1.1
ZUCFPL207	1.7
ZUCFPL207-20	1.7
ZUCFPL207-22	1.7
ZUCFPL207-23	1.7
ZUCFPL208	2.2
ZUCFPL208-24	2.2
SUCF Four-Bolt Flange	
SUCF201	1.4
SUCF202	1.4
SUCF203	1.4
SUCF204	1.4
SUCF204-12	1.4
SUCF205	1.8
SUCF205-16	1.8
SUCF206	2.5
SUCF206-18	2.5
SUCF206-19	2.5
SUCF206-20	2.5
SUCF207	3.1
SUCF207-20	3.1
SUCF207-22	3.1
SUCF207-23	3.1
SUCF208	4.2
SUCF208-24	4.2
SUCF209	5.1
SUCF209-28	5.1

Part Number	Weight
SUCF210	5.8
SUCF210-31	5.8
SUCF211	9.0
SUCF211-32	9.0
SUCF211-35	9.0
SUCF212	12.1
SUCF212-39	12.1
SESF Four-Bolt Flange	
SESF201	1.4
SESF202	1.4
SESF203	1.4
SESF204	1.4
SESF204-12	1.4
SESF205	1.8
SESF205-16	1.8
SESF206	2.5
SESF206-18	2.5
SESF206-19	2.5
SESF206-20	2.5
SESF207	3.1
SESF207-20	3.1
SESF207-22	3.1
SESF207-23	3.1
SESF208	4.2
SESF208-24	4.2
SESF209	5.1
SESF209-28	5.1
SESF210	5.8
SESF210-31	5.8
SESF211	9.0
SESF211-32	9.0
SESF211-35	9.0
SESF212	12.1
SESF212-39	12.1
SUCT Take-Up Units	
SUCT201	1.8
SUCT202	1.8
SUCT203	1.8
SUCT204	1.8
SUCT204-12	1.8
SUCT205	1.9
SUCT205-16	1.9
SUCT206	3.0
SUCT206-18	3.0
SUCT206-19	3.0
SUCT206-20	3.0
SUCT207	3.8
SUCT207-20	3.8
SUCT207-22	3.8
SUCT207-23	3.8
SUCT208	5.6
SUCT208-24	5.6
SUCT209	5.6
SUCT209-28	5.6
SUCT210	5.9
SUCT210-31	5.9

Part Number	Weight
SEST Take-Up Units	
SEST201	1.8
SEST202	1.8
SEST203	1.8
SEST204	1.8
SEST204-12	1.8
SEST205	1.9
SEST205-16	1.9
SEST206	3.0
SEST206-18	3.0
SEST206-19	3.0
SEST206-20	3.0
SEST207	3.8
SEST207-20	3.8
SEST207-22	3.8
SEST207-23	3.8
SEST208	5.6
SEST208-24	5.6
SEST209	5.6
SEST209-28	5.6
SEST210	5.9
SEST210-31	5.9
MUC Series Inserts	
MUC204	0.18
MUC204-12	0.18
MUC205	0.18
MUC205-16	0.18
MUC206	0.31
MUC206-18	0.31
MUC206-19	0.31
MUC206-20	0.31
MUC207	0.48
MUC207-20	0.48
MUC207-22	0.48
MUC207-23	0.48
MUC208	0.62
MUC208-24	0.62
SUC Series Inserts	
SUC201	0.4
SUC202	0.4
SUC203	0.4
SUC204	0.4
SUC204-12	0.4
SUC205	0.4
SUC205-16	0.4
SUC206	0.7
SUC206-18	0.7
SUC206-19	0.7
SUC206-20	0.7
SUC207	1.0
SUC207-20	1.0
SUC207-22	1.0
SUC207-23	1.0
SUC208	1.4
SUC208-24	1.4
SUC209	1.5

Part Number	Weight
SUC209-28	1.5
SUC210	1.7
SUC210-31	1.7
SUC211	2.3
SUC211-32	2.3
SUC211-35	2.3
SUC212	3.2
SUC212-39	3.2
SES Series Inserts	
SES201	0.3
SES202	0.3
SES203	0.3
SES204	0.4
SES204-12	0.4
SES205	0.4
SES205-16	0.4
SES206	0.7
SES206-18	0.7
SES206-19	0.7
SES206-20	0.7
SES207	1.1
SES207-20	1.1
SES207-22	1.1
SES207-23	1.1
SES208	1.4
SES208-24	1.4
SES209	1.5
SES209-28	1.5
SES210	1.7
SES210-31	1.7
SES211	2.3
SES211-32	2.3
SES211-35	2.3
SES212	3.0
SES212-39	3.0

Weight	
Metric	kgs.
Standard	lbs.

Heavy Duty

Part Number	Weight
SPW Sealed Pillow Blocks	
SPW2211N1	13.0
SPW2211-115N1	13.0
SPW2211-200N1	13.0
SPW22213N1	18.0
SPW2213-203N1	18.0
SPW2213-204N1	18.0
SPW2213-206N1	18.0
SPW2215N1	20.0
SPW2215-207N1	20.0
SPW2215-208N1	20.0
SPW2217N1	31.0
SPW2217-215N1	31.0
SPW2217-300N1	31.0
SPW2220N1	54.0
SPW2220-307N1	54.0
SPW2220-308N1	54.0
SPW2222N1	71.0
SPW2222-315N1	71.0
SPW2222-400N1	71.0
SPW2224N1	84.0
SPW2224-403N1	84.0
SPW2224-204N1	84.0
SPW2226N1	101.0
SPW2226-407N1	101.0
SPW2226-408N1	101.0
SPW2228N1	118.0
SPW2228-415N1	118.0
SPW2228-500N1	118.0
SPW2232N1	171.0
SPW2232-507N1	171.0
SPW2232-508N1	171.0
SPAW Sealed Pillow Blocks	
SPAW2211N1	13.0
SPAW2211-115N1	13.0
SPAW2211-200N1	13.0
SPAW2213N1	18.0
FSPAW2213N1	18.0
SPAW2213-203N1	18.0
FSPAW2213-203N1	18.0
SPAW2213-204N1	18.0
FSPAW2213-204N1	18.0
SPAW2213-206N1	18.0
FSPAW2213-206N1	18.0
SPAW2215N1	20.0
FSPAW2215N	20.0
SPAW2215-207N1	20.0
FSPAW2215-207N1	20.0
SPAW2215-208N1	20.0
FSPAW2215-208N1	20.0
SPAW2217N1	31.0
FSPAW2217N1	31.0
SPAW2217-215N1	31.0
FSPAW2217-215N1	31.0
SPAW2217-300N1	31.0
FSPAW2217-300N1	31.0
SPAW2220N1	54.0
FSPAW2220N1	54.0
SPAW2220-307N1	54.0
FSPAW2220-307N1	54.0
SPAW2220-308N1	54.0
FSPAW2220-308N1	54.0
SPAW2222N1	71.0
SPAW2222-315N1	71.0
SPAW2222-400N1	71.0
SPAW2224N1	84.0
SPAW2224-403N1	84.0
SPAW2224-404N1	84.0
SPAW2226N1	101.0
SPAW2226-407N1	101.0
SPAW2226-408N1	101.0
SPAW2228N1	118.0
SPAW2228-415N1	118.0
SPAW2228-500N1	118.0
SPAW2232N1	171.0
SPAW2232-507N1	171.0
SPAW2232-508N1	171.0
SFCW Sealed Flange Units	
SFCW2211N1	19.0
SFCW2211-115N1	19.0
SFCW2211-200N1	19.0
SFCW2213N1	23.0
SFCW2213-203N1	23.0
SFCW2213-204N1	23.0
SFCW2213-206N1	23.0
SFCW2215N1	27.0
SFCW2215-207N1	27.0
SFCW2215-208N1	27.0
SFCW2217N1	34.0
SFCW2217-216N1	34.0
SFCW2217-300N1	34.0
SFCW2220N1	61.0
SFCW2220-307N1	61.0
SFCW2220-308N1	61.0
SFCW2222N1	82.0
SFCW2222-315N1	82.0
SFCW2222-400N1	82.0
SFCW2224N1	-
SFCW2224-403N1	-
SFCW2224-404N1	-
SFCW2226N1	112.0
SFCW2226-407N1	112.0
SFCW2226-408N1	112.0
SFCW2228N1	-
SFCW2228-415N1	-
SFCW2228-500N1	-
SFCW2232N1	-
SFCW2232-507N1	-
SFCW2232-508N1	-
SAF Imperial Pillow Blocks	
SAF22216	*
SAF22217	*
SAF22218	*
SAF22220	*
SAF22222	*
SAF22224	*
SAF22226	*
SAF22228	*
SAF22230	*
SAF22232	*
SAF22234	*
SAF22236	*
SAF22238	*
SAF22240	*
SAF22244	*
SAF22308	*
SAF22309	*
SAF22310	*
SAF22311	*
SAF22312	*
SAF22313	*
SAF22314	*
SAF22315	*
SAF22316	*
SAF22317	*
SAF22318	*
SAF22320	*
SAF22322	*
SAF22324	*
SAF22326	*
SAF22328	*
SAF22330	*
SAF22332	*
SAF22334	*
SAF22336	*
SAF22338	*
SAF22509X1.7/16	*
SAF22510X1.11/16	*
SAF22511X1.15/16	*
SAF22513X2.3/16	*
SAF22515X2.7/16	*
SAF22516X2.11/16	*
SAF22517X2.15/16	*
SAF22518X3.3/16	*
SAF22520X3.7/16	*
SAF22522X3.15/16	*
SAF22524X4.3/16	*
SAF22526	*
SAF22528	*
SAF22530	*
SAF22532	*
SAF22534	*
SAF22536	*
SAF22538	*
SAF22540	*
SAF22544	*
SAF22609X1.7/16	*
SAF22610X1.11/16	*
SAF22611	*
SAF22613	*
SAF22615	*
SAF22616	*
SAF22617	*
SAF22618	*
SAF22620	*
SAF22622	*
SAF22624	*
SAF22626	*
SAF22628	*
SAF22630	*
SAF22632	*
SAF22634	*
SAF22636	*
SAF22638	*
SAFS Imperial Pillow Blocks	
SAFS22216	*
SAFS22217	*
SAFS22218	*
SAFS22220	*
SAFS22222	*
SAFS22224	*
SAFS22226	*
SAFS22228	*
SAFS22230	*
SAFS22232	*
SAFS22234	*
SAFS22236	*
SAFS22238	*
SAFS22240	*
SAFS22244	*
SAFS22509X1.7/16	*
SAFS22510X1.11/16	*
SAFS22511X1.15/16	*
SAFS22513X2.3/16	*
SAFS22515X2.7/16	*
SAFS22516	*
SAFS22517	*
SAFS22518	*
SAFS22520	*
SAFS22522	*
SAFS22524	*
SAFS22526	*
SAFS22528	*
SAFS22530	*
SAFS22532	*
SAFS22534	*
SAFS22536	*
SAFS22538	*
SAFS22540	*
SAFS22544	*
SN Pillow Blocks	
SN506	4.4
SN507	4.4
SN508	6.6
SN509	6.6
SN510	6.6
SN511	8.8
SN512	11.0

*Contact NTN Engineering for product weight information.

Continued next page …

Weight	
Metric	kgs.
Standard	lbs.

Heavy Duty (continued)

Part Number	Weight	Part Number	Weight	Part Number	Weight	Part Number	Weight
SN513	13.2	SN606	4.4	SN620	63.9	SN3036	114.6
SN515	13.2	SN607	6.6	SN622	83.8	SN3038	114.6
SN516	19.8	SN608	6.6	SN624	103.6	SN3122	39.7
SN517	19.8	SN609	8.8	SN626	119.0	SN3124	46.3
SN518	26.5	SN610	11.0	SN628	154.3	SN3126	57.3
SN519	30.9	SN611	13.2	SN630	165.3	SN3128	70.5
SN520	37.5	SN612	17.6	SN632	176.3	SN3130	88.1
SN522	44.1	SN613	22.0	SN3024	37.5	SN3132	99.2
SN524	50.7	SN615	26.5	SN3026	44.1	SN3134	112.4
SN526	63.9	SN616	33.0	SN3028	55.1	SN3136	138.9
SN528	81.6	SN617	37.5	SN3030	66.1	SN3138	167.5
SN530	92.6	SN618	46.3	SN3032	72.8		
SN532	105.8	SN619	52.9	SN3034	101.4		

Weight	
Metric	kgs.
Standard	lbs.

Agriculture

Part Number	Weight
Flanged Unit Series	
FD209TTRJN/3AS	*
FD209TTRJAN/3AS	*
FD209TTRJHN/3AS	*
FD209TTREN/3AS	*
FD209TTRKN/3AS	*
FD209TTRMN/3AS	*
FD210TTRN/3AS	*
FD211TTRBAN/3AS	*
FD211TTREAN/3AS	*
FD211TTRJAN/3AS	*
FD211TTRKAN/3AS	*
FD211TTRKBN/3AS	*
FD211TTRMN/3AS	*
FD211TTRPN/3AS	*
Rubber Mount Series	
CDS209TTR6PBNC3/2AS	*
CDS209TTR6PNC3/3AS	*
CDS211TTR23AN/2AS	*
CDS211TTR23N/3AS	*

Part Number	Weight
CDS211TTR25N/3AS	*
Square Bore Insert Series	
4AS08-7/8	2.0
1AS08-1	1.4
2AS08-1	1.7
4AS08-1	1.9
1AS08-1 1/8	1.3
2AS08-1 1/8	1.6
2AS08-1 1/8D1	1.6
2AS10-1 1/8	2.1
3AS10-1 1/8	1.9
4AS08-1 1/8	1.8
5AS08-1 1/8	1.3
6AS08-1 1/8D1	1.6
7AS10-1 1/8D1	1.9
1AS08-1 5/32D1	1.3
2AS09-1 1/4D1	1.8
4AS09-1 1/4	1.8
6AS09-1 1/4	1.8
6AS09-1 1/4D1	1.8

Part Number	Weight
1AS11-1 1/2D1	2.6
3AS11-1 1/2	2.4
3AS11-1 1/2D1	2.4
4AS11-1 1/2	3.2
6AS11-1 1/2V1	3.1
7AS11-1 1/2	2.4
7AS11-1 1/2D1	2.4
3AS14-2D1	4.3
Round Bore Insert Series	
1AC08-1 3/16	1.2
2AC08-1 1/2D1	1.6
3AC09-1 1/2	1.6
3AC09-1 1/2D1	1.6
3AC09	1.4
3AC09D1	1.4
1AC09D1V1	1.3
3AC10-1 3/4	1.7
3AC10-1 3/4D1	1.7
3AC10-1 15/16	1.6
3AC10-1 15/16D1	1.6

Part Number	Weight
5AC10-1 15/16	1.6
7AC10-1 15/16	1.6
3AC11-2 3/16	2.1
3AC11-2 3/16D1	2.1
7AC11-2 3/16D1	2.1
1AC11-2 3/16D1V1	1.9
3AC14D1	3.4
Hex Bore Insert Series	
1AH04-11/16	0.3
1AH05-7/8	0.4
2AH05-7/8	0.4
1AH06-1	0.6
2AH06-1	0.6
2AH07-1 1/8	1.0
2AH08-1 1/4V2	1.3
2AH09-1 1/2	1.2
3AH10-1 5/8V2	1.6

*Contact NTN Engineering for product weight information.

Weight	
Metric	kgs.
Standard	lbs.

Spherical Roller Bearing Inserts – Cylindrical Bore

Part Number	Weight
Sealed SRB Series	
MX-W22211EALLW33C3	*
MX-W22213EALLW33C3	*
MX-W22215EALLW33C3	*
MX-W22217EALLW33C3	*
MX-W22220EALLW33C3	*
MX-W22222EALLW33C3	*
MX-W22224EALLW33C3	*
MX-W22226EALLW33C3	*
MX-W22228EALLW33C3	*
MX-W22232EALLW33C3	*
Standard SRB	
22205EAW33	0.4
22205EMW33	0.4
22206EAW33	0.6
22206EMW33	0.6
22207EAW33	1.0
22207EMW33	1.0
22208EAW33	1.1
22208EMW33	1.2
22308EAW33	2.2
22308EMW33	2.3
22209EAW33	1.3
22209EMW33	1.3
22309EAW33	3.0
22309EMW33	3.0
22210EAW33	1.3
22210EMW33	1.3
22310EAW33	4.0
22310EMW33	4.0
22211EAW33	1.8
22211EMW33	1.8
22311EAW33	5.1
22311EMW33	5.2
22212EAW33	2.5
22212EMW33	2.5
22312EAW33	6.2
22312EMW33	6.4
22213EAW33	3.3
22213EMW33	3.5
22313EAW33	7.5
22313EMW33	7.7
22214EAW33	3.5
22214EMW33	3.7
22314EAW33	9.2
22314EMW33	9.4
22215EAW33	3.6
22215EMW33	3.8
22315EAW33	11.2

Part Number	Weight
22315EMW33	11.5
22216EAW33	4.6
22216EMW33	4.8
22316EAW33	13.3
22316EMW33	13.8
22217EAW33	5.6
22217EMW33	5.8
22317EAW33	15.6
22317EMW33	15.9
22218EAW33	7.2
22218EMW33	7.5
23218EMW33	9.7
22318EAW33	18.3
22318EMW33	18.7
22219EAW33	8.7
22219EMW33	9.1
22319EAW33	21.5
22319EMW33	22.0
23120EAW33	9.5
23120EMW33	9.6
22220EAW33	10.6
22220EMW33	11.2
23220EMW33	14.3
22320EAW33	27.4
22320EMW33	28.2
23022EAW33	7.9
23022EMW33	8.0
23122EAW33	12.0
23122EMW33	12.1
24122EMW33	14.3
22222EAW33	15.3
22222EMW33	15.9
23222EMW33	20.4
22322EAW33	37.0
22322EMW33	38.4
23024EAW33	8.7
23024EMW33	8.8
24024EMW33	11.2
23124EAW33	16.8
23124EMW33	17.0
24124EMW33	21.5
22224EAW33	19.2
22224EMW33	19.7
23224EMW33	25.6
22324EAW33	49.3
22324EMW33	49.8
23026EAW33	12.8
23026EMW33	13.1
24026EMW33	16.2

Part Number	Weight
23126EAW33	18.4
23126EMW33	18.6
24126EMW33	22.3
22226EAW33	23.8
22226EMW33	24.2
23226EMW33	30.2
22326EAW33	59.1
22326EMW33	61.5
23028EAW33	13.7
23028EMW33	13.8
24028EMW33	16.9
23128EAW33	22.2
23128EMW33	22.4
24128EMW33	27.1
22228EAW33	30.1
22228EMW33	31.1
23228EMW33	40.0
22328EAW33	75.0
22328EMW33	77.0
23030EAW33	16.7
23030EMW33	16.9
24030EMW33	21.5
23130EAW33	34.1
23130EMW33	34.5
24130EMW33	40.7
22230EAW33	38.4
22230EMW33	39.5
23230EMW33	51.6
22330EMW33	92.6
23932EMW33	12.1
23032EAW33	20.2
23032EMW33	20.3
24032EMW33	25.6
23132EAW33	43.8
23132EMW33	44.0
24132EMW33	53.6
22232EAW33	48.6
22232EMW33	50.2
23232EMW33	64.9
22332EMW33	111.8
23934EMW33	12.8
23034EAW33	27.9
23034EMW33	28.0
24034EMW33	35.7
23134EAW33	47.0
23134EMW33	47.3
24134EMW33	56.4
22234EMW33	62.1
23234EMW33	81.6

Part Number	Weight
22334EMW33	132.6
23936EMW33	18.1
23036EAW33	36.5
23036EMW33	36.8
24036EMW33	47.9
23136EAW33	59.3
23136EMW33	60.0
24136EMW33	69.6
22236EMW33	63.8
23236EMW33	87.8
22336EMW33	149.1
23938EMW33	19.0
23038EAW33	38.7
23038EMW33	39.1
24038EMW33	49.7
23138EMW33	76.1
24138EMW33	88.5
22238EMW33	77.9
23238EMW33	106.9
22338EMW33	168.5
23940EMW33	26.7
23040EMW33	49.7
24040EMW33	64.1
23140EMW33	93.7
24140EMW33	112.6
22240EMW33	93.8
23240EMW33	128.8
22340EMW33	218.3
23944EMW33	28.6
23044EMW33	65.1
24044EMW33	87.1
23144EMW33	116.9
24144EMW33	144.7
22244EMW33	131.1
23244EMW33	173.8
23948EMW33	30.9
23048EMW33	74.9
24048EMW33	96.1
23148EMW33	148.2
24148EMW33	177.9
23952EMW33	52.9
23052EMW33	105.2
24052EMW33	148.2
23956EMW33	58.2
23056EMW33	121.2
24056EMW33	155.5

*Contact NTN Engineering for product weight information.

Weight	
Metric	kgs.
Standard	lbs.

Spherical Roller Bearing Inserts – Tapered Bore

Part Number	Weight
Sealed SRB Series	
MX-W22211EALLKW33C3	*
MX-W22213EALLKW33C3	*
MX-W22215EALLKW33C3	*
MX-W22217EALLKW33C3	*
MX-W22220EALLKW33C3	*
MX-W22222EALLKW33C3	*
MX-W22224EALLKW33C3	*
MX-W22226EALLKW33C3	*
MX-W22228EALLKW33C3	*
MX-W22232EALLKW33C3	*
Standard SRB	
22205EAKW33	0.7
22205EMKW33	0.7
22206EAKW33	1.0
22206EMKW33	1.0
22207EAKW33	1.1
22207EMKW33	1.1
22208EAKW33	1.2
22208EMKW33	1.3
22308EAKW33	2.2
22308EMKW33	2.3
22209EAKW33	1.6
22209EMKW33	1.6
22309EAKW33	2.9
22309EMKW33	2.9
22210EAKW33	2.2
22210EMKW33	2.2
22310EAKW33	4.0
22310EMKW33	4.0
22211EAKW33	1.9
22211EMKW33	1.9
22311EAKW33	5.1
22311EMKW33	5.2
22212EAKW33	2.5
22212EMKW33	2.5
22312EAKW33	6.4
22312EMKW33	6.6
22213EAKW33	3.3
22213EMKW33	3.5
22313EAKW33	7.6
22313EMKW33	7.8
22214EAKW33	3.4
22214EMKW33	3.6
22314EAKW33	9.3
22314EMKW33	9.5
22215EAKW33	3.6
22215EMKW33	3.8
22315EAKW33	11.6

Part Number	Weight
22315EMKW33	11.9
22216EAKW33	4.7
22216EMKW33	4.7
22316EAKW33	13.3
22316EMKW33	13.8
22217EAKW33	5.9
22217EMKW33	6.1
22317EAKW33	15.7
22317EMKW33	16.0
22218EAKW33	7.7
22218EMKW33	8.0
23218EMKW33	9.7
22318EAKW33	18.4
22318EMKW33	18.8
22219EAKW33	9.0
22219EMKW33	9.4
22319EAKW33	21.5
22319EMKW33	22.0
23120EAKW33	9.5
23120EMKW33	9.6
22220EAKW33	10.9
22220EMKW33	11.5
23220EMKW33	14.3
22320EAKW33	27.3
22320EMKW33	27.3
23022EAKW33	8.2
23022EMKW33	8.3
23122EAKW33	11.9
23122EMKW33	12.0
24122EMKW33	14.2
22222EAKW33	15.9
22222EMKW33	16.5
23222EMKW33	21.4
22322EAKW33	37.7
22322EMKW33	37.7
23024EAKW33	8.9
23024EMKW33	9.0
24024EMKW33	11.2
23124EAKW33	17.0
23124EMKW33	17.2
24124EMKW33	21.5
22224EAKW33	20.1
22224EMKW33	20.6
23224EMKW33	25.6
22324EAKW33	47.4
22324EMKW33	47.9
23026EAKW33	13.0
23026EMKW33	13.3
24026EMKW33	16.4

Part Number	Weight
23126EAKW33	18.6
23126EMKW33	18.8
24126EMKW33	22.5
22226EAKW33	24.7
22226EMKW33	25.1
23226EMKW33	31.5
22326EAKW33	59.6
22326EMKW33	62.0
23028EAKW33	14.2
23028EMKW33	14.3
24028EMKW33	16.9
23128EAKW33	22.7
23128EMKW33	22.9
24128EMKW33	27.1
22228EAKW33	30.9
22228EMKW33	31.9
23228EMKW33	40.8
22328EAKW33	75.8
22328EMKW33	77.8
23030EAKW33	17.5
23030EMKW33	17.7
24030EMKW33	22.3
23130EAKW33	34.9
23130EMKW33	35.3
24130EMKW33	41.5
22230EAKW33	39.9
22230EMKW33	41.0
23230EMKW33	53.1
22330EMKW33	94.1
23932EMKW33	13.6
23032EAKW33	21.7
23032EMKW33	21.8
24032EMKW33	27.1
23132EAKW33	45.3
23132EMKW33	45.5
24132EMKW33	55.1
22232EAKW33	50.1
22232EMKW33	51.7
23232EMKW33	66.1
22332EMKW33	113.0
23934EMKW33	13.2
23034EAKW33	28.3
23034EMKW33	28.4
24034EMKW33	36.1
23134EAKW33	47.4
23134EMKW33	47.7
24134EMKW33	56.8
22234EMKW33	62.5
23234EMKW33	82.0

Part Number	Weight
22334EMKW33	133.0
23936EMKW33	18.5
23036EAKW33	36.9
23036EMKW33	37.2
24036EMKW33	48.3
23136EAKW33	59.7
23136EMKW33	60.4
24136EMKW33	70.0
22236EMKW33	64.6
23236EMKW33	88.6
22336EMKW33	149.9
23938EMKW33	19.8
23038EAKW33	39.5
23038EMKW33	39.9
24038EMKW33	50.5
23138EMKW33	76.9
24138EMKW33	89.3
22238EMKW33	80.7
23238EMKW33	107.7
22338EMKW33	169.3
23940EMKW33	27.5
23040EMKW33	50.5
24040EMKW33	64.9
23140EMKW33	94.5
24140EMKW33	113.4
22240EMKW33	97.0
23240EMKW33	132.0
22340EMKW33	221.5
23944EMKW33	31.8
23044EMKW33	68.3
24044EMKW33	90.3
23144EMKW33	120.1
24144EMKW33	147.9
22244EMKW33	134.3
23244EMKW33	177.0
23948EMKW33	34.1
23048EMKW33	78.1
24048EMKW33	99.3
23148EMKW33	151.4
24148EMKW33	181.1
23952EMKW33	56.1
23052EMKW33	108.4
24052EMKW33	151.4
23956EMKW33	61.4
23056EMKW33	124.4
24056EMKW33	158.7

*Contact NTN Engineering for product weight information.

English/Metric – Conversion Chart

Weight	
1 ounce	= 28.35 grams (g)
1 ounce	= .02835 kilograms (kg)
1 ounce	= .0625 pounds (lb.)
1 pound	= 16 ounces (oz.)
1 pound	= 453.6 grams (g)
1 pound	= .4536 kilograms (kg)
1 lb. per sq. inch	= .070307 kg per sq. cm
1 lb. per sq. foot	= 4.8824 kg per sq. meter
1 lb. per sq. yard	= .54249 kg per sq. meter
1 oz per cu. inch	= 1.7300 g per cu. cm
1 lb. per cu. foot	= 16.019 kg per cu. meters
1 gram	= .03527 ounces (oz.)
1 gram	= .002205 pounds (lb.)
1 kilogram	= 35.274 ounces (oz.)
1 kilogram	= 2.2046 pounds (lb.)
1 kg per sq. cm	= 14.223 lb. per sq. inch
1 kg per sq. meter	= .2048 lb. per sq. foot
1 kg per sq. meter	= 1.8433 lb. per sq. yard
1 g per cu. cm	= .57803 oz. per cu. inch
1 kg per cu. meter	= .062428 lb. per cu. foot
Length	
1 inch	= 25.400 millimeters (mm)
1 inch	= 2.54 centimeters (cm)
1 inch	= .08333 feet (ft.)
1 inch	= .02778 yards (yd.)
1 foot	= 12 inches (in.)
1 foot	= .333 yards (yd.)
1 foot	= .30481 meters (m)
1 yard	= 36 inches (in.)
1 yard	= 3 feet (ft.)
1 yard	= 91.44 centimeters (cm)
1 yard	= .9144 meters (m)
1 statute mile	= 5,280 feet (ft.)
1 statute mile	= 1,760 yards (yd.)
1 statute mile	= 1.6093 kilometers (km)
1 millimeter	= .03937 inches (in.)
1 centimeter	= .3937 inches (in.)
1 centimeter	= .01094 yards (yd.)
1 meter	= 3.2809 feet (ft.)
1 meter	= 1.0936 yards (yd.)
1 kilometer (km)	= 3,281 feet (ft.)
1 kilometer (km)	= 1,094 yards (yd.)
1 kilometer (km)	= .6214 statute mile

Volume	
1 cu. inch	= .0005787 cu. feet
1 cu. inch	= .017316 quarts (qt.)
1 cu. inch	= .004329 gallons (gal.)
1 cu. inch	= 16.39 cu. centimeters
1 cu. inch	= .00001639 cu. meters
1 cu. inch	= .0164 liters (l)
1 cu. foot	= 1,728 cu. inches
1 cu. foot	= .0370 cu. yards
1 cu. foot	= 29.9222 quarts (qt.)
1 cu. foot	= 7.481 gallons (gal.)
1 cu. foot	= .0283 cu. meters
1 cu. foot	= 28.32 liters (l)
1 cu. yard	= 27 cu. feet
1 cu. yard	= .76410 cu. meters
1 pint	= .50 quarts (qt.)
1 pint	= .4732 liters (l)
1 quart	= 2 pints (pt.)
1 quart	= .25 gallons
1 quart	= 57.75 cu. inches
1 quart	= .03342 cu. feet
1 quart	= .9464 liters (l)
1 gallon	= 231 cu. inches
1 gallon	= .1337 cu. feet
1 gallon	= 4 quarts (qt.)
1 cu. centimeter	= .06102 cu. inches
1 cu. meter	= 61,023 cu. inches
1 cu. meter	= 35.31 cu. feet
1 cu. meter	= 1.30873 cu. yards
1 liter	= 61.017 cu. inches
1 liter	= .03531 cu. feet
1 liter	= 2.11327 pints (pt.)
1 liter	= 1.057 quarts (qt.)
1 liter	= .2642 gallons (gal.)

Area	
1 sq. inch	= 6.4516 sq. centimeters
1 sq. inch	= .00694 sq. feet
1 sq. foot	= 144 sq. inches
1 sq. foot	= 929.03 sq. centimeters
1 sq. foot	= .1111 sq. yards
1 sq. foot	= .092903 sq. meters
1 sq. yard	= 9 sq. feet
1 sq. yard	= .83612 sq. meters
1 sq. centimeter	= .15500 sq. inches
1 sq. centimeter	= .00108 sq. feet
1 sq. meter	= 10.764 sq. feet
1 sq. meter	= 1.196 sq. yards
Energy and Power	
1 foot-pound	= .13826 kilogrammeter
1 foot-pound	= .001285 Btu
1 ft.-lb. per sec.	= .00182 horsepower (hp)
1 ft.-lb. per min.	= .0000303 horsepower (hp)
1 horsepower	= 550 ft.-lb. per sec.
1 horsepower	= 33,000 ft.-lb. per min.
1 horsepower	= 42.41 Btu per min.
1 horsepower	= .7457 kilowatts (kw)
1 kilogrammeter	= 7.2330 foot-pounds (ft.-lb.)
1 Btu	= 778.2 foot pounds (ft.-lb.)
1 Btu per min.	= .02358 horsepower (hp)
1 kilowatt	= 1.341 horsepower (hp)

Decimal Equivalents

Inches		Metric
Fractional	Decimal	mm
1/64	.015625	.3969
1/32	.031250	.7938
–	.039370	1
3/64	.046875	1.1906
1/16	.062500	1.5875
5/64	.078125	1.9844
–	.078740	2
3/32	.093750	2.3812
7/64	.109375	2.7781
–	.118110	3
1/8	.125000	3.1750
9/64	.140625	3.5719
5/32	.156250	3.9688
–	.157480	4
11/64	.171875	4.3656
3/16	.187500	4.7625
–	.196850	5
13/64	.203125	5.1594
7/32	.218750	5.5562
15/64	.234375	5.9531
–	.236220	6
1/4	.250000	6.3500
17/64	.265625	6.7469
–	.275591	7
9/32	.281250	7.1438
19/64	.296875	7.5406
5/16	.312500	7.9375
–	.314961	8
21/64	.328125	8.3344
11/32	.343750	8.7312
–	.354331	9
23/64	.359375	9.1281
3/8	.375000	9.5250
25/64	.390625	9.9219
–	.393701	10
13/32	.406250	10.3188
27/64	.421875	10.7156
–	.433071	11
7/16	.437500	11.1125
29/64	.453125	11.5094
15/32	.468750	11.9062
–	.472441	12
31/64	.484375	12.3031
1/2	.500000	12.7000

Inches		Metric
Fractional	Decimal	mm
–	.511811	13
33/64	.515625	13.0969
17/32	.531250	13.4938
35/64	.546875	13.8906
–	.551181	14
9/16	.562500	14.2875
37/64	.578125	14.6844
–	.590551	15
19/32	.593750	15.0812
39/64	.609375	15.4781
5/8	.625000	15.8750
–	.629921	16
41/64	.640625	16.2719
21/32	.656250	16.6688
–	.669291	17
43/64	.671875	17.0656
11/16	.687500	17.4625
45/64	.703125	17.8594
–	.708661	18
23/32	.718750	18.2562
47/64	.734375	18.6531
–	.748031	19
3/4	.750000	19.0500
49/64	.765625	19.4469
25/32	.781250	19.8438
–	.787402	20
51/64	.796875	20.2406
13/16	.812500	20.6375
–	.826772	21
53/64	.828125	21.0344
27/32	.843750	21.4312
55/64	.859375	21.8281
–	.866142	22
7/8	.875000	22.2250
57/64	.890625	22.6219
–	.905512	23
29/32	.906250	23.0188
59/64	.921875	23.4156
15/16	.937500	23.8125
–	.944882	24
61/64	.953125	24.2094
31/32	.968750	24.6062
–	.984252	25
63/64	.984375	25.0031

Continued next page …

Decimal Equivalents (continued)

Inches		Metric
Fractional	Decimal	mm
–	1.02362	26
–	1.06299	27
–	1.10236	28
–	1.14173	29
–	1.18110	30
–	1.22047	31
–	1.25984	32
–	1.29921	33
–	1.33858	34
–	1.37795	35
–	1.41732	36
–	1.45669	37
–	1.49606	38
–	1.53543	39
–	1.57480	40
–	1.61417	41
–	1.65354	42
–	1.69291	43
–	1.73228	44
–	1.77165	45
–	1.81102	46
–	1.85039	47
–	1.88976	48
–	1.92913	49
–	1.96850	50
–	2.00787	51
–	2.04724	52
–	2.08661	53
–	2.12598	54
–	2.16535	55
–	2.20472	56
–	2.24409	57
–	2.28346	58
–	2.32283	59
–	2.36220	60
–	2.40157	61
–	2.44094	62
–	2.48031	63
–	2.51969	64
–	2.55906	65
–	2.59843	66
–	2.63780	67
–	2.67717	68
–	2.71654	69

Inches		Metric
Fractional	Decimal	mm
–	2.75591	70
–	2.79528	71
–	2.83465	72
–	2.87402	73
–	2.91339	74
–	2.95276	75
–	2.99213	76
–	3.03150	77
–	3.07087	78
–	3.11024	79
–	3.14961	80
–	3.18898	81
–	3.22835	82
–	3.26772	83
–	3.30708	84
–	3.34646	85
–	3.38583	86
–	3.42520	87
–	3.46457	88
–	3.50394	89
–	3.54331	90
–	3.58268	91
–	3.62205	92
–	3.66142	93
–	3.70079	94
–	3.74016	95
–	3.77953	96
–	3.81890	97
–	3.85827	98
–	3.89764	99
–	3.93701	100
–	4.33071	110
–	4.72441	120
–	5.11811	130
–	5.51181	140
–	5.90551	150
–	6.29921	160
–	6.69291	170
–	7.08661	180
–	7.48031	190
–	7.87402	200
–	8.26772	210
–	8.66142	220
–	9.05512	230

1AC-7AC

1AC08-1.3/16 ... 251
1AC09D1V1 ... 251
1AC11-2.3/16D1V1 ... 251
2AC08-1.1/2D1 ... 251
3AC09-1.1/2 ... 251
3AC09-1.1/2D1 ... 251
3AC09 ... 251
3AC09D1 ... 251
3AC10-1.3/4 ... 251
3AC10-1.3/4D1 ... 251
3AC10-1.15/16 ... 251
3AC10-1.15/16D1 ... 251
3AC11-2.3/16 ... 251
3AC11-2.3/16D1 ... 251
3AC14D1 ... 251
5AC10-1.15/16 ... 251
7AC10-1.15/16 ... 251
7AC11-2.3/16D1 ... 251

1AH-3AH

1AH04-11/16 ... 252
1AH05-7/8 ... 252
1AH06-1 ... 252
2AH05-7/8 ... 252
2AH06-1 ... 252
2AH07-1.1/8 ... 252
2AH08-1.1/4V2 ... 252
2AH09-1.1/2 ... 252
3AH10-1.5/8V2 ... 252

1AS-7AS

1AS08-1 ... 250
1AS08-1.1/8 ... 250
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1AS11-1.1/2D1 ... 250
2AS08-1 ... 250
2AS08-1.1/8 ... 250
2AS08-1.1/8D1 ... 250
2AS09-1.1/4D1 ... 250
2AS10-1.1/8 ... 250
3AS10-1.1/8 ... 250
3AS11-1.1/2 ... 250
3AS11-1.1/2D1 ... 250
3AS14-2D1 ... 250
4AS08-7/8 ... 250
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4AS08-1.1/8 ... 250
4AS09-1.1/4 ... 250
4AS11-1.1/2 ... 250
5AS08-1.1/8 ... 250
6AS08-1.1/8D1 ... 250
6AS09-1.1/4 ... 250
6AS09-1.1/4D1 ... 250
6AS11-1.1/2V1 ... 250
7AS10-1.1/8D1 ... 250
7AS11-1.1/2 ... 250
7AS11-1.1/2D1 ... 250

222-241

22205EAKW33 ... 243
22205EAW33 ... 243
22205EMKW33 ... 243
22205EMW33 ... 243
22206EAKW33 ... 243
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22206EMKW33 ... 243
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22218EMKW33 ... 244
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22313EMKW33 243
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23218EMKW33 244
23218EMW33 244
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23224EMW33 244
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23232EMD1 245
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23240EMKD1 246
23244EMD1 246
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23934EMKD1 245
23936EMD1 246

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23940EMD1 246
23940EMKD1 246
23944EMD1 246
23944EMKD1 246
23948EMD1 246
23948EMKD1 246
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24024EMK30W33 244
24024EMW33 244
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24030EMD1 245
24030EMK30D1 245
24032EMD1 245
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24034EMD1 245
24034EMK30D1 245
24036EMD1 246
24036EMK30D1 246
24038EMD1 246
24038EMK30D1 246
24040EMD1 246
24040EMK30D1 246
24044EMD1 246
24044EMK30D1 246
24048EMD1 246
24048EMK30D1 246
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24056EMD1 246
24056EMK30D1 246
24122EMK30W33 244
24122EMW33 244
24124EMK30W33 244
24124EMW33 244
24126EMK30W33 244
24126EMW33 244
24128EMD1 245
24128EMK30D1 245
24130EMD1 245
24130EMK30D1 245
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24134EMD1 245
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24138EMD1 246
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24140EMK30D1 246
24144EMD1 246
24144EMK30D1 246
24148EMD1 246
24148EMK30D1 246

A-UC

A-UC201X-008D1M 42
A-UC202X-009D1M 42
A-UC202X-010D1M 42
A-UC203X-011D1M 42
A-UC204D1M 42
A-UC204-012D1M 42
A-UC204-012MFG1 43
A-UC205D1M 42
A-UC205-013D1M 42
A-UC205-014D1M 42
A-UC205-015D1M 42
A-UC205-100D1M 42
A-UC205-100MFG1 43
A-UC206D1M 42
A-UC206-101D1M 42
A-UC206-102D1M 42
A-UC206-103D1M 42
A-UC206-103MFG1 43
A-UC206-104D1M 42
A-UC207D1M 42
A-UC207-104D1M 42
A-UC207-104MFG1 43
A-UC207-105D1M 42
A-UC207-106D1M 42
A-UC207-107D1M 42
A-UC207-107MFG1 43
A-UC208D1M 42
A-UC208-108D1M 42
A-UC208-108MFG1 43
A-UC208-109D1M 42
A-UC209D1M 42
A-UC209-110D1M 42
A-UC209-111D1M 42
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A-UC210D1M 42
A-UC210-113D1M 42
A-UC210-114D1M 42
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A-UC210-115MFG1 43
A-UC210-200D1M 42
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A-UC211-202D1M 43
A-UC211-203D1M 43
A-UC212D1M 43
A-UC212-204D1M 43
A-UC212-205D1M 43
A-UC212-206D1M 43
A-UC212-207D1M 43
A-UC212-207MFG1 43
A-UC213-208D1M 43
A-UC213-209D1M 43
A-UC214-210D1M 43
A-UC214-211D1M 43
A-UC214-212D1M 43
A-UC215-213D1M 43
A-UC215-214D1M 43
A-UC215-215D1M 43
A-UC215-300D1M 43

A-UCX

A-UCX05-013D1M 44
A-UCX05-014D1M 44
A-UCX05-015D1M 44
A-UCX05-100D1M 44
A-UCX06-101D1M 44
A-UCX06-102D1M 44
A-UCX06-103D1M 44
A-UCX07-105D1M 44
A-UCX07-106D1M 44
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A-UCX08-108D1M 44
A-UCX08-109D1M 44
A-UCX09-110D1M 44
A-UCX09-111D1M 44
A-UCX09-112D1M 44
A-UCX10-114D1M 44
A-UCX10-115D1M 44
A-UCX11-201D1M 44
A-UCX11-202D1M 44
A-UCX11-203D1M 44
A-UCX13-208D1M 44
A-UCX13-209D1M 44
A-UCX14-210D1M 44
A-UCX14-211D1M 44
A-UCX14-212D1M 44
A-UCX15-213D1M 44
A-UCX15-214D1M 44
A-UCX15-215D1M 44
A-UCX15-300D1M 44
A-UCX16-301D1M 44
A-UCX16-302D1M 44
A-UCX16-303D1M 44
A-UCX17-305D1M 44
A-UCX17-307D1M 44
A-UCX18-307D1M 44
A-UCX18-308D1M 44

A-UEL

A-UEL204-012D1M 45
A-UEL205-013D1M 45
A-UEL205-014D1M 45
A-UEL205-015D1M 45
A-UEL205-100D1M 45
A-UEL206-101D1M 45
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A-UEL207-107D1M 45

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A-UEL208-109D1M 45
A-UEL209-110D1M 45
A-UEL209-111D1M 45
A-UEL209-112D1M 45
A-UEL210-113D1M 45
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AEL2

AEL201D1W3 194
AEL201-008D1W3 194
AEL202D1W3 194
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AEL202-010D1W3 194
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AEL211D1W3 194
AEL211-200D1W3 194

AELFB2

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AELFB202-009D1W3 92
AELFB202-010D1W3 92
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AELFD2

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AELFD207-107W3 90

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AELFL207-107D1 89
AELFL208D1 89
AELFL208-108D1 89
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AELFL209-110D1 89
AELFL209-111D1 89
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AELFL210-113D1 89
AELFL210-114D1 89
AELFL210-115D1 89

AELP2

AELP204D1 71
AELP204-012D1 71
AELP205D1 71
AELP205-013D1 71
AELP205-014D1 71
AELP205-015D1 71
AELP205-100D1 71
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AELP209D1 71
AELP209-110D1 71
AELP209-111D1 71
AELP209-112D1 71
AELP210D1 71
AELP210-113D1 71
AELP210-114D1 71
AELP210-115D1 71

AELPF2
AELPF201W3 129
AELPF201-008W3 129
AELPF202W3 129
AELPF202-009W3 129
AELPF202-010W3 129
AELPF203W3 129
AELPF203-011W3 129
AELPF204W3 129
AELPF204-012W3 129
AELPF205W3 129
AELPF205-013W3 129
AELPF205-014W3 129
AELPF205-015W3 129
AELPF205-100W3 129
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AELPF207W3 129
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AELPF208-108W3 129
AELPF208-109W3 129

AELPFL2
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AELPFL201-008W3 91
AELPFL202W3 91
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AELPFL202-010W3 91
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AELPFL207-104W3 91
AELPFL207-105W3 91
AELPFL207-106W3 91
AELPFL207-107W3 91

AELPL2
AELPL201 72
AELPL201-008 72
AELPL202 72
AELPL202-009 72
AELPL202-010 72
AELPL203 72
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AELPL204-012 72
AELPL205 72
AELPL205-013 72
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AELPL205-015 72
AELPL205-100 72
AELPL206 72
AELPL206-101 72
AELPL206-102 72
AELPL206-103 72
AELPL206-104 72
AELPL207 72
AELPL207-104 72
AELPL207-105 72
AELPL207-106 72
AELPL207-107 72

AELPP2
AELPP201 73
AELPP201-008 73
AELPP202 73
AELPP202-009 73
AELPP202-010 73
AELPP203 73
AELPP203-011 73
AELPP204 73
AELPP204-012 73
AELPP205 73
AELPP205-013 73
AELPP205-014 73
AELPP205-015 73
AELPP205-100 73
AELPP206 73
AELPP206-101 73
AELPP206-102 73
AELPP206-103 73
AELPP206-104 73
AELPP207 73
AELPP207-104 73
AELPP207-105 73
AELPP207-106 73
AELPP207-107 73

AELPT2
AELPT201-10W3 163
AELPT201-008-10W3 163
AELPT202-10W3 163
AELPT202-009-10W3 163
AELPT202-010-10W3 163
AELPT203-10W3 163
AELPT203-011-10W3 163
AELPT204-10W3 163
AELPT204-012-10W3 163
AELPT205-10W3 163
AELPT205-013-10W3 163
AELPT205-014-10W3 163
AELPT205-015-10W3 163
AELPT205-100-10W3 163

AELRPP2
AELRPP201W3 74
AELRPP201-008W3 74
AELRPP202W3 74
AELRPP202-009W3 74
AELRPP202-010W3 74
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AELRPP203-011W3 74
AELRPP204W3 74
AELRPP204-012W3 74
AELRPP205W3 74
AELRPP205-013W3 74
AELRPP205-014W3 74
AELRPP205-015W3 74
AELRPP205-100W3 74
AELRPP206W3 74
AELRPP206-101W3 74
AELRPP206-102W3 74
AELRPP206-103W3 74
AELRPP206-104W3 74

AELS2
AELS201N 195
AELS201-008N 195
AELS202N 195
AELS202-009N 195
AELS202-010N 195
AELS203N 195
AELS203-011N 195
AELS204N 195
AELS204-012N 195
AELS205N 195
AELS205-013N 195
AELS205-014N 195
AELS205-015N 195
AELS205-100N 195
AELS206N 195
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AELS207N 195
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AELS207-107N 195
AELS208N 195
AELS208-108N 195
AELS208-109N 195
AELS209N 195
AELS209-110N 195
AELS209-111N 195
AELS209-112N 195
AELS210N 195
AELS210-113N 195
AELS210-114N 195
AELS210-115N 195

AELS210-200N 195
AELS211N 195
AELS211-200N 195

AL

AL44 261
AL48 261
AL52 261
AL56 261
AL60 261
AL64 261
AL68 261
AL72 261
AL76 261
AL80 261
AL84 261
AL88 261
AL92 261
AL96 261
AL100 261

AN

AN15 258
AN16 258
AN17 258
AN18 258
AN19 258
AN20 258
AN21 258
AN22 258
AN24 258
AN26 258
AN28 258
AN30 258
AN32 258
AN34 258
AN36 258
AN38 258
AN40 258

AR2

AR201 183
AR201-008 183
AR201-008D1 46
AR202 183
AR202-009 183
AR202-009D1 46
AR202-010 183
AR202-010D1 46
AR203 183
AR203-011 183
AR203-011D1 46
AR204 183
AR204-012 183
AR204-012D1 46
AR205 183
AR205-013 183
AR205-013D1 46
AR205-014 183
AR205-014D1 46
AR205-015 183
AR205-015D1 46
AR205-100 183
AR205-100D1 46
AR206 183
AR206-101 183
AR206-101D1 46
AR206-102 183
AR206-102D1 46
AR206-103 183
AR206-103D1 46
AR206-104 183
AR206-104D1 46
AR207 183
AR207-104 183
AR207-104D1 46
AR207-105 183
AR207-105D1 46
AR207-106 183
AR207-106D1 46
AR207-107 183
AR207-107D1 46
AR208 183
AR208-108 183
AR208-108D1 46
AR208-109 183
AR208-109D1 46
AR209 183
AR209-110 183
AR209-110D1 46
AR209-111 183
AR209-111D1 46
AR209-112 183
AR209-112D1 46
AR210 183
AR210-113 183
AR210-113D1 46
AR210-114 183
AR210-114D1 46
AR210-115 183
AR210-115D1 46
AR210-200 183
AR210-200D1 46

ARFLU

ARFLU-½ 33
ARFLU-9/16 33
ARFLU-⅝ 33
ARFLU-11/16 33
ARFLU-¾ 33
ARFLU-13/16 33
ARFLU-⅞ 33
ARFLU-15/16 33
ARFLU-1 33
ARFLU-1 1/16 33
ARFLU-1⅛ 33
ARFLU-1 3/16 33
ARFLU-1¼S 33
ARFLU-1¼ 33
ARFLU-1 5/16 33
ARFLU-1⅜ 33
ARFLU-1 7/16 33
ARFLU-1½ 33
ARFLU-1 9/16 33
ARFLU-1⅝ 33
ARFLU-1 11/16 33
ARFLU-1¾ 33
ARFLU-1 13/16 33
ARFLU-1⅞ 33
ARFLU-1 15/16 33
ARFLU-2S 33
ARFLU-2 33
ARFLU-2 1/16 33
ARFLU-2⅛ 33
ARFLU-2 3/16 33

ARFU

ARFU-½ 40
ARFU-9/16 40
ARFU-⅝ 40
ARFU-11/16 40
ARFU-¾ 40
ARFU-13/16 40
ARFU-⅞ 40
ARFU-15/16 40
ARFU-1 40
ARFU-1 1/16 40
ARFU-1⅛ 40
ARFU-1 3/16 40
ARFU-1¼S 40
ARFU-1¼ 40
ARFU-1 5/16 40
ARFU-1⅜ 40
ARFU-1 7/16 40
ARFU-1½ 40
ARFU-1 9/16 40
ARFU-1⅝ 40
ARFU-1 11/16 40
ARFU-1¾ 40
ARFU-1 13/16 40
ARFU-1⅞ 40
ARFU-1 15/16 40
ARFU-2S 40
ARFU-2 40
ARFU-2 1/16 40
ARFU-2⅛ 40
ARFU-2 3/16 40

ARP

ARP-½ 25
ARP-9/16 25
ARP-⅝ 25
ARP-11/16 25
ARP-¾ 25
ARP-13/16 25
ARP-⅞ 25
ARP-15/16 25
ARP-1 25
ARP-1 1/16 25
ARP-1⅛ 25

ARP-1 3/16 25
ARP-1 1/4S 25
ARP-1 1/4 25
ARP-1 5/16 25
ARP-1 3/8 25
ARP-1 7/16 25
ARP-1 1/2 25
ARP-1 9/16 25
ARP-1 5/8 25
ARP-1 11/16 25
ARP-1 3/4 25
ARP-1 13/16 25
ARP-1 7/8 25
ARP-1 15/16 25
ARP-2S 25
ARP-2 25
ARP-2 1/16 25
ARP-2 1/8 25
ARP-2 3/16 25

ARPL

ARPL-1/2 26
ARPL-9/16 26
ARPL-5/8 26
ARPL-11/16 26
ARPL-3/4 26
ARPL-13/16 26
ARPL-7/8 26
ARPL-15/16 26
ARPL-1 26
ARPL-1 1/16 26
ARPL-1 1/8 26
ARPL-1 3/16 26
ARPL-1 1/4S 26
ARPL-1 1/4 26
ARPL-1 5/16 26
ARPL-1 3/8 26
ARPL-1 7/16 26
ARPL-1 1/2 26
ARPL-1 9/16 26
ARPL-1 5/8 26
ARPL-1 11/16 26
ARPL-1 3/4 26
ARPL-1 13/16 26
ARPL-1 7/8 26
ARPL-1 15/16 26
ARPL-2S 26
ARPL-2 26
ARPL-2 1/16 26
ARPL-2 1/8 26
ARPL-2 3/16 26

AS2

AS201 181
AS201-008 181
AS202 181
AS202-009 181
AS202-010 181
AS203 181
AS203-011 181
AS204 181
AS204-012 181
AS205 181
AS205-013 181
AS205-014 181
AS205-015 181
AS205-100 181
AS206 181
AS206-101 181
AS206-102 181
AS206-103 181
AS206-104 181
AS207 181
AS207-104 181
AS207-105 181
AS207-106 181
AS207-107 181
AS208 181
AS208-108 181
AS208-109 181

ASFB2

ASFB201D1 84
ASFB201-008D1 84
ASFB202D1 84
ASFB202-009D1 84
ASFB202-010D1 84
ASFB203D1 84
ASFB203-011D1 84
ASFB204D1 84
ASFB204-012D1 84
ASFB205D1D1 84
ASFB205-013D1 84
ASFB205-014D1 84
ASFB205-015D1 84
ASFB205-100D1 84
ASFB206D1 84
ASFB206-101D1 84
ASFB206-102D1 84
ASFB206-103D1 84
ASFB206-104D1 84
ASFB207D1 84
ASFB207-104D1 84
ASFB207-105D1 84
ASFB207-106D1 84
ASFB207-107D1 84

ASFD2

ASFD201 82
ASFD201-008 82
ASFD202 82
ASFD202-009 82
ASFD202-010 82
ASFD203 82
ASFD203-011 82
ASFD204 82
ASFD204-012 82
ASFD205 82
ASFD205-013 82
ASFD205-014 82
ASFD205-015 82
ASFD205-100 82
ASFD206 82
ASFD206-101 82
ASFD206-102 82
ASFD206-103 82
ASFD206-104 82
ASFD207 82
ASFD207-104 82
ASFD207-105 82
ASFD207-106 82
ASFD207-107 82

ASPB2

ASPB201D1 64
ASPB201-008D1 64
ASPB202D1 64
ASPB202-009D1 64
ASPB202-010D1 64
ASPB203D1 64
ASPB203-011D1 64
ASPB204D1 64
ASPB204-012D1 64
ASPB205D1 64
ASPB205-013D1 64
ASPB205-014D1 64
ASPB205-015D1 64
ASPB205-100D1 64
ASPB206D1 64
ASPB206-101D1 64
ASPB206-102D1 64
ASPB206-103D1 64
ASPB206-104D1 64
ASPB207D1 64
ASPB207-104D1 64
ASPB207-105D1 64
ASPB207-106D1 64
ASPB207-107D1 64
ASPB208D1 64
ASPB208-108D1 64
ASPB208-109D1 64

ASPF2

ASPF201 128
ASPF201-008 128
ASPF202 128
ASPF202-009 128
ASPF202-010 128
ASPF203 128
ASPF203-011 128
ASPF204 128
ASPF204-012 128
ASPF205 128
ASPF205-013 128
ASPF205-014 128
ASPF205-015 128
ASPF205-100 128
ASPF206 128
ASPF206-101 128
ASPF206-102 128

ASPF206-103 128
ASPF206-104 128
ASPF207 128
ASPF207-104 128
ASPF207-105 128
ASPF207-106 128
ASPF207-107 128
ASPF208 128
ASPF208-108 128
ASPF208-109 128

ASPFL2
ASPFL201 83
ASPFL201-008 83
ASPFL202 83
ASPFL202-009 83
ASPFL202-010 83
ASPFL203 83
ASPFL203-011 83
ASPFL204 83
ASPFL204-012 83
ASPFL205 83
ASPFL205-013 83
ASPFL205-014 83
ASPFL205-015 83
ASPFL205-100 83
ASPFL206 83
ASPFL206-101 83
ASPFL206-102 83
ASPFL206-103 83
ASPFL206-104 83
ASPFL207 83
ASPFL207-104 83
ASPFL207-105 83
ASPFL207-106 83
ASPFL207-107 83

ASPL2
ASPL201 61
ASPL201-008 61
ASPL202 61
ASPL202-009 61
ASPL202-010 61
ASPL203 61
ASPL203-011 61
ASPL204 61
ASPL204-012 61
ASPL205 61
ASPL205-013 61
ASPL205-014 61
ASPL205-015 61
ASPL205-100 61
ASPL206 61
ASPL206-101 61
ASPL206-102 61
ASPL206-103 61
ASPL206-104 61
ASPL207 61
ASPL207-104 61
ASPL207-105 61
ASPL207-106 61
ASPL207-107 61

ASPP2
ASPP201 62
ASPP201-008 62
ASPP202 62
ASPP202-009 62
ASPP202-010 62
ASPP203 62
ASPP203-011 62
ASPP204 62
ASPP204-012 62
ASPP205 62
ASPP205-013 62
ASPP205-014 62
ASPP205-015 62
ASPP205-100 62
ASPP206 62
ASPP206-101 62
ASPP206-102 62
ASPP206-103 62
ASPP206-104 62
ASPP207 62
ASPP207-104 62
ASPP207-105 62
ASPP207-106 62
ASPP207-107 62

ASPT2
ASPT201-10 162
ASPT201-008-10 162
ASPT202-10 162
ASPT202-009-10 162
ASPT202-010-10 162
ASPT203-10 162
ASPT203-011-10 162
ASPT204-10 162
ASPT204-012-10 162
ASPT205-10 162
ASPT205-013-10 162
ASPT205-014-10 162
ASPT205-015-10 162
ASPT205-100-10 162

ASRPP2
ASRPP201 63
ASRPP201-008 63
ASRPP202 63
ASRPP202-009 63
ASRPP202-010 63
ASRPP203 63
ASRPP203-011 63
ASRPP204 63
ASRPP204-012 63
ASRPP205 63
ASRPP205-013 63
ASRPP205-014 63
ASRPP205-015 63
ASRPP205-100 63
ASRPP206 63
ASRPP206-101 63
ASRPP206-102 63
ASRPP206-103 63
ASRPP206-104 63

ASS2
ASS201N 182
ASS201-008N 182
ASS202N 182
ASS202-009N 182
ASS202-010N 182
ASS203N 182
ASS203-011N 182
ASS204N 182
ASS204-012N 182
ASS205N 182
ASS205-013N 182
ASS205-014N 182
ASS205-015N 182
ASS205-100N 182
ASS206N 182
ASS206-101N 182
ASS206-102N 182
ASS206-103N 182
ASS206-104N 182
ASS207N 182
ASS207-104N 182
ASS207-105N 182
ASS207-106N 182
ASS207-107N 182
ASS208N 182
ASS208-108N 182
ASS208-109N 182

AW
AW00 260
AW01 260
AW02 260
AW03 260
AW04 260
AW05 260
AW06 260
AW07 260
AW08 260
AW09 260
AW10 260
AW11 260
AW12 260
AW13 260
AW14 260
AW15 260
AW16 260
AW17 260
AW18 260
AW19 260
AW20 260
AW21 260
AW22 260
AW23 260

AW24 260
AW25 260
AW26 260
AW27 260
AW28 260
AW29 260
AW30 262
AW31 262
AW32 262
AW33 262
AW34 262
AW36 262
AW38 262
AW40 262

CDS
CDS209TTR6PNC3/3AS 249
CDS211TTR23AN/2AS 249
CDS209TTR6PBNC3/2AS 249
CDS211TTR23N/3AS 249
CDS211TTR25N/3AS 249

CF
CF20 262
CF25 262
CF30 262
CF35 262
CF40 262

CV
CV20 262
CV25 262
CV30 262
CV35 262
CV40 262

FD2
FD209TTRMN/3AS 248
FD210TTRN/3AS 248
FD209TTRKN/3AS 248
FD209TTREN/3AS 248
FD211TTRMN/3AS 248
FD209TTRJN/3AS 248
FD209TTRJAN/3AS 248
FD209TTRJHN/3AS 248
FD211TTREAN/3AS 248
FD211TTRKBN/3AS 248
FD211TTRKAN/3AS 248
FD211TTRJAN/3AS 248
FD211TTRPN/3AS 248
FD211TTRBAN/3AS 248

FSPAW
FSPAW2213N1 226
FSPAW2213-203N1 226
FSPAW2213-204N1 226
FSPAW2213-206N1 226
FSPAW2215N 226
FSPAW2215-207N1 226
FSPAW2215-208N1 226
FSPAW2217N1 226
FSPAW2217-215N1 226
FSPAW2217-300N1 226
FSPAW2220N1 226
FSPAW2220-307N1 226
FSPAW2220-308N1 226

GNP
GNP20 304
GNP2012 304
GNP25 304
GNP2516 304
GNP30 304
GNP3018 304
GNP3019 304
GNP3020 304
GNP35 304
GNP3520 304
GNP3520 304
GNP3523 304
GNP40 304
GNP4024 304

GSF
GSF20 304
GSF2012 304
GSF25 304
GSF2516 304
GSF30 304
GSF3018 304
GSF3019 304
GSF3020 304
GSF35 304
GSF3520 304
GSF3520 304
GSF3523 304
GSF40 304
GSF4024 304

GSFT
GSFT20 304
GSFT2012 304
GSFT25 304
GSFT2516 304
GSFT30 304
GSFT3018 304
GSFT3019 304
GSFT3020 304
GSFT35 304
GSFT3520 304
GSFT3520 304
GSFT3523 304
GSFT40 304
GSFT4024 304

H2
H204 254
H205X 254
H206X 254
H207X 254
H208X 254
H209X 254
H210X 254
H211X 254
H212X 254
H213X 254
H215X 254
H216X 254
H217X 254
H218X 254
H219X 254
H220X 254
H222X 254
H2304 256
H2305X 256
H2306X 256
H2307X 256
H2308X 256
H2309X 256
H2310X 256
H2311X 256
H2312X 256
H2313X 256
H2315X 256
H2316X 256
H2317X 256
H2318X 256
H2319X 256
H2320X 256
H2322X 256
H2324X 256
H2326 256
H2328 256
H2330 256
H2332 256
H2334 256
H2336 256
H2338 256
H2340 256
H2344 256
H2348 256
H2352 256
H2356 256

H3
H304 255
H305X 255
H306X 255
H307X 255
H308X 255
H309X 255
H31/500 257
H310X 255
H311X 255
H3122X 257
H3124X 257
H3126 257
H3128 257
H312X 255
H3130 257

H3132 ... 257
H3134 ... 257
H3136 ... 257
H3138 ... 257
H313X ... 255
H3140 ... 257
H3144 ... 257
H3148 ... 257
H3152 ... 257
H3156 ... 257
H315X ... 255
H3160 ... 257
H3164 ... 257
H3168 ... 257
H316X ... 255
H3172 ... 257
H3176 ... 257
H317X ... 255
H3180 ... 257
H3184 ... 257
H3188 ... 257
H318X ... 255
H3192 ... 257
H3196 ... 257
H319X ... 255
H320X ... 255
H322X ... 255

HA

HA206 ... 254
HA207X ... 254
HA208X ... 254
HA209 ... 254
HA210 ... 254
HA211 ... 254
HA213 ... 254
HA215 ... 254
HA216 ... 254
HA217X ... 254
HA218 ... 254
HA220 ... 254
HA222X ... 254
HA2309 ... 256
HA2310 ... 256
HA2311 ... 256
HA2313 ... 256
HA2315 ... 256
HA2316 ... 256
HA2317X ... 256
HA2318 ... 256
HA2320 ... 256
HA2322X ... 256
HA2324 ... 256
HA2326 ... 256
HA2328 ... 256
HA2330 ... 256
HA2332 ... 256
HA2334 ... 256
HA2336 ... 256
HA2338 ... 256
HA2340 ... 256
HA306 ... 255
HA307X ... 255
HA308X ... 255
HA309 ... 255
HA310 ... 255
HA311 ... 255
HA3122X ... 257
HA3124 ... 257
HA3126 ... 257
HA3128 ... 257
HA313 ... 255
HA3130 ... 257
HA3132 ... 257
HA3134 ... 257
HA3136 ... 257
HA3138 ... 257
HA3140 ... 257
HA3144 ... 257
HA315 ... 255
HA316 ... 255
HA317X ... 255
HA318 ... 255
HA320 ... 255
HA322X ... 255

HE

HE205 ... 254
HE206 ... 254
HE208X ... 254
HE209X ... 254
HE210X ... 254
HE211XY ... 254
HE213X ... 254
HE215X ... 254
HE216X ... 254
HE217X ... 254
HE219X ... 254
HE220X ... 254
HE222X ... 254
HE2305 ... 256
HE2306 ... 256
HE2308X ... 256
HE2309X ... 256
HE2310X ... 256
HE2311XY ... 256
HE2313X ... 256
HE2315X ... 256
HE2316X ... 256
HE2317X ... 256
HE2319X ... 256
HE2320X ... 256
HE2322X ... 256
HE2324 ... 256
HE2326 ... 256
HE2328 ... 256
HE2330 ... 256
HE2332 ... 256
HE2334 ... 256
HE2336 ... 256
HE2338 ... 256
HE2340 ... 256
HE305 ... 255
HE306 ... 255
HE308X ... 255
HE309X ... 255
HE310X ... 255
HE311XY ... 255
HE3122X ... 257
HE3124X ... 257
HE3126 ... 257
HE3128 ... 257
HE3130 ... 257
HE3132 ... 257
HE3134 ... 257
HE3136 ... 257
HE3138 ... 257
HE313X ... 255
HE3140 ... 257
HE315X ... 255
HE316X ... 255
HE317X ... 255
HE319X ... 255
HE320X ... 255
HE322X ... 255

HS

HS206 ... 254
HS207 ... 254
HS208X ... 254
HS209 ... 254
HS210 ... 254
HS211 ... 254
HS212 ... 254
HS213 ... 254
HS2306 ... 256
HS2307 ... 256
HS2308X ... 256
HS2309 ... 256
HS2310 ... 256
HS2311 ... 256
HS2312 ... 256
HS2313 ... 256
HS306 ... 255
HS307 ... 255
HS308X ... 255
HS309 ... 255
HS310 ... 255
HS311 ... 255
HS312 ... 255
HS313 ... 255

JEL2

JEL201 ... 196
JEL201-008 ... 196
JEL201-008D1 ... 47
JEL202 ... 196
JEL202-009 ... 196
JEL202-009D1 ... 47
JEL202-010 ... 196

JEL202-010D1 47
JEL203 196
JEL203-011 196
JEL203-011D1 47
JEL204 196
JEL204-012 196
JEL204-012D1 47
JEL205 196
JEL205-013 196
JEL205-013D1 47
JEL205-014 196
JEL205-014D1 47
JEL205-015 196
JEL205-015D1 47
JEL205-100 196
JEL205-100D1 47
JEL206 196
JEL206-101 196
JEL206-101D1 47
JEL206-102 196
JEL206-102D1 47
JEL206-103 196
JEL206-103D1 47
JEL206-104 196
JEL206-104D1 47
JEL207 196
JEL207-104 196
JEL207-104D1 47
JEL207-105 196
JEL207-105D1 47
JEL207-106 196
JEL207-106D1 47
JEL207-107 196
JEL207-107D1 47
JEL208 196
JEL208-108 196
JEL208-108D1 47
JEL208-109 196
JEL208-109D1 47
JEL209 196
JEL209-110 196
JEL209-110D1 47
JEL209-111 196
JEL209-111D1 47
JEL209-112 196
JEL209-112D1 47
JEL210 196
JEL210-113D1 47
JEL210-114 196
JEL210-114D1 47
JEL210-115 196
JEL210-115D1 47
JEL210-200D1 47
JEL211 196
JEL211-200 196
JEL211-200D1 47
JEL211-201D1 47
JEL211-202D1 47
JEL211-203 196
JEL211-203D1 47
JEL212 196
JEL212-204 196
JEL212-204D1 47

JELFD2

JELFD201 94
JELFD201-008 94
JELFD202 94
JELFD202-009 94
JELFD202-010 94
JELFD203 94
JELFD203-011 94
JELFD204 94
JELFD204-012 94
JELFD205 94
JELFD205-013 94
JELFD205-014 94
JELFD205-015 94
JELFD205-100 94
JELFD206 94
JELFD206-101 94
JELFD206-102 94
JELFD206-103 94
JELFD206-104 94
JELFD207 94
JELFD207-104 94
JELFD207-105 94
JELFD207-106 94
JELFD207-107 94

JELFL2

JELFL204D1W3 93
JELFL204-012D1W3 93
JELFL205D1W3 93
JELFL205-013D1W3 93
JELFL205-014D1W3 93
JELFL205-015D1W3 93
JELFL205-100D1W3 93
JELFL206D1W3 93
JELFL206-101D1W3 93
JELFL206-102D1W3 93
JELFL206-103D1W3 93
JELFL206-104D1W3 93
JELFL207D1W3 93
JELFL207-104D1W3 93
JELFL207-105D1W3 93
JELFL207-106D1W3 93
JELFL207-107D1W3 93
JELFL208D1W3 93
JELFL208-108D1W3 93
JELFL208-109D1W3 93
JELFL209D1W3 93
JELFL209-110D1W3 93
JELFL209-111D1W3 93
JELFL209-112D1W3 93
JELFL210D1W3 93
JELFL210-113D1W3 93
JELFL210-114D1W3 93
JELFL210-115D1W3 93
JELFL210-220D1W3 93
JELFL211D1W3 93
JELFL211-200D1W3 93
JELFL211-201D1W3 93
JELFL211-202D1W3 93
JELFL211-203D1W3 93
JELFL212D1W3 93
JELFL212-204D1W3 93
JELFL212-205D1W3 93
JELFL212-206D1W3 93

JELFLU

JELFLU-½ 35
JELFLU-⁹⁄₁₆ 35
JELFLU-⅝ 35
JELFLU-¹¹⁄₁₆ 35
JELFLU-¾ 35
JELFLU-¹³⁄₁₆ 35
JELFLU-⅞ 35
JELFLU-¹⁵⁄₁₆ 35
JELFLU-1 35
JELFLU-1¹⁄₁₆ 35
JELFLU-1⅛ 35
JELFLU-1³⁄₁₆ 35
JELFLU-1¼S 35
JELFLU-1¼ 35
JELFLU-1⁵⁄₁₆ 35
JELFLU-1⅜ 35
JELFLU-1⁷⁄₁₆ 35
JELFLU-1½ 35
JELFLU-1⁹⁄₁₆ 35
JELFLU-1⅝ 35
JELFLU-1¹¹⁄₁₆ 35
JELFLU-1¾ 35
JELFLU-1¹³⁄₁₆ 35
JELFLU-1⅞ 35
JELFLU-1¹⁵⁄₁₆ 35
JELFLU-2S 35
JELFLU-2 35
JELFLU-2¹⁄₁₆ 35
JELFLU-2⅛ 35
JELFLU-2³⁄₁₆ 35

JELFU

JELFU-½ 41
JELFU-⁹⁄₁₆ 41
JELFU-⅝ 41
JELFU-¹¹⁄₁₆ 41
JELFU-¾ 41
JELFU-¹³⁄₁₆ 41
JELFU-⅞ 41
JELFU-¹⁵⁄₁₆ 41
JELFU-1 41
JELFU-1¹⁄₁₆ 41
JELFU-1⅛ 41
JELFU-1³⁄₁₆ 41
JELFU-1¼S 41
JELFU-1¼ 41
JELFU-1⁵⁄₁₆ 41
JELFU-1⅜ 41
JELFU-1⁷⁄₁₆ 41

JELFU-1½ 41
JELFU-1⁹⁄₁₆ 41
JELFU-1⅝ 41
JELFU-1¹¹⁄₁₆ 41
JELFU-1¾ 41
JELFU-1¹³⁄₁₆ 41
JELFU-1⅞ 41
JELFU-1¹⁵⁄₁₆ 41
JELFU-2S 41
JELFU-2 41
JELFU-2¹⁄₁₆ 41
JELFU-2⅛ 41
JELFU-2³⁄₁₆ 41

JELP

JELP-½ 29
JELP-⁹⁄₁₆ 29
JELP-⅝ 29
JELP-¹¹⁄₁₆ 29
JELP-¾ 29
JELP-¹³⁄₁₆ 29
JELP-⅞ 29
JELP-¹⁵⁄₁₆ 29
JELP-1 29
JELP-1¹⁄₁₆ 29
JELP-1⅛ 29
JELP-1³⁄₁₆ 29
JELP-1¼S 29
JELP-1¼ 29
JELP-1⁵⁄₁₆ 29
JELP-1⅜ 29
JELP-1⁷⁄₁₆ 29
JELP-1½ 29
JELP-1⁹⁄₁₆ 29
JELP-1⅝ 29
JELP-1¹¹⁄₁₆ 29
JELP-1¾ 29
JELP-1¹³⁄₁₆ 29
JELP-1⅞ 29
JELP-1¹⁵⁄₁₆ 29
JELP-2S 29
JELP-2 29
JELP-2¹⁄₁₆ 29
JELP-2⅛ 29
JELP-2³⁄₁₆ 29

JELPF2

JELPF201 132
JELPF201-008 132
JELPF202 132
JELPF202-009 132
JELPF202-010 132
JELPF203 132
JELPF203-011 132
JELPF204 132
JELPF204-012 132
JELPF205 132
JELPF205-013 132
JELPF205-014 132
JELPF205-015 132
JELPF205-100 132
JELPF206 132
JELPF206-101 132
JELPF206-102 132
JELPF206-103 132
JELPF206-104 132
JELPF207 132
JELPF207-104 132
JELPF207-105 132
JELPF207-106 132
JELPF207-107 132
JELPF208 132
JELPF208-108 132
JELPF208-109 132

JELPFL2

JELPFL201 95
JELPFL201-008 95
JELPFL202 95
JELPFL202-009 95
JELPFL202-010 95
JELPFL203 95
JELPFL203-011 95
JELPFL204 95
JELPFL204-012 95
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JELPFL205-013 95
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JELPFL205-015 95
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JELPFL206 95
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JELPFL206-102 95
JELPFL206-103 95
JELPFL206-104 95
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JELPFL207-105 95
JELPFL207-106 95
JELPFL207-107 95

JELPL

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JELPL2

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JELPL206-104 70
JELPL207 70
JELPL207-104 70
JELPL207-105 70
JELPL207-106 70
JELPL207-107 70

JELPT2

JELPT201-10W3 164
JELPT201-008-10W3 164
JELPT202-10W3 164
JELPT202-009-10W3 164
JELPT202-010-10W3 164
JELPT203-10W3 164
JELPT203-011-10W3 164
JELPT204-10W3 164
JELPT204-012-10W3 164
JELPT205-10W3 164
JELPT205-013-10W3 164
JELPT205-014-10W3 164
JELPT205-015-10W3 164
JELPT205-100-10W3 164

KM

KM00 260
KM01 260
KM02 260
KM03 260

KM04 260
KM05 260
KM06 260
KM07 260
KM08 260
KM09 260
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KM80 261
KM84 261
KM88 261
KM92 261
KM96 261
KM100 261

LUB

LUB-DRVKT60-111 266
LUB-DRVKT60-112 266
LUB-DRVKT60-113 266
LUB-DRVKT60-114 266
LUB-DRVKT60-115 266
LUB-DRVKT60-116 266
LUB-DRVKT60-117 266
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LUB-SMRTRFL130-116 265
LUB-SMRTRFL130-117 265

MUC

MUC204 220
MUC204-10 220
MUC204-12 220
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MUC205-16 220
MUC206 220
MUC206-18 220
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MUC207 220
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MUC207-23 220
MUC208 220
MUC208-24 220

MUCFBL

MUCFBL204 206
MUCFBL204-12 206
MUCFBL205 206
MUCFBL205-16 206
MUCFBL206 206
MUCFBL206-18 206
MUCFBL206-19 206
MUCFBL206-20 206
MUCFBL207 206
MUCFBL207-20 206
MUCFBL207-22 206
MUCFBL207-23 206
MUCFBL208 206
MUCFBL208-24 206

MUCFPL

MUCFPL204 202
MUCFPL204-12 202
MUCFPL205 202
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MUCFPL207-22 202
MUCFPL207-23 202
MUCFPL208 202
MUCFPL208-24 202

MUCNFL

MUCNFL204 204
MUCNFL204-12 204
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MUCNFL205-16 204
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MUCNFL206-18 204
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MUCNFL207-22 204
MUCNFL207-23 204
MUCNFL208 204
MUCNFL208-24 204

MUCPPL

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MUCPPL207 200
MUCPPL207-20 200
MUCPPL207-22 200
MUCPPL207-23 200
MUCPPL208 200
MUCPPL208-24 200

MX-W

MX-W22211EALLKW33C3 242
MX-W22213EALLKW33C3 242
MX-W22215EALLKW33C3 242
MX-W22217EALLKW33C3 242
MX-W22220EALLKW33C3 242
MX-W22222EALLKW33C3 242
MX-W22224EALLKW33C3 242
MX-W22226EALLKW33C3 242
MX-W22228EALLKW33C3 242
MX-W22232EALLKW33C3 242

N

N05 258
N06 258
N07 258
N08 258
N09 258
N10 258
N11 258
N12 258
N13 258
N14 258
N44 258

REL2

REL204 197
REL204-012 197
REL205 197
REL205-013 197
REL205-014 197
REL205-015 197
REL205-100 197
REL206 197
REL206-101 197
REL206-102 197
REL206-103 197
REL206-104 197
REL207 197
REL207-104 197
REL207-105 197
REL207-106 197
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REL208 197
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REL209 197
REL209-110 197
REL209-111 197
REL209-112 197
REL210 197
REL210-113 197
REL210-114 197
REL210-115 197
REL210-200 197
REL211 197
REL211-200 197
REL211-201 197
REL211-202 197
REL211-203 197
REL212 197
REL212-204 197
REL212-205 197
REL212-206 197
REL212-207 197

SAF

SAF22216 232
SAF22217 232
SAF22218 232
SAF22220 232
SAF22222 232
SAF22224 232
SAF22226 232
SAF22228 232
SAF22230 232
SAF22232 232
SAF22234 232
SAF22236 232
SAF22238 232
SAF22240 232
SAF22244 232
SAF22308 232
SAF22309 232
SAF22310 232
SAF22311 232
SAF22312 232
SAF22313 232
SAF22314 232
SAF22315 232
SAF22316 232
SAF22317 232
SAF22318 232
SAF22320 232
SAF22322 232
SAF22324 232
SAF22326 232
SAF22328 232
SAF22330 232
SAF22332 232
SAF22334 232
SAF22336 232
SAF22338 232
SAF22509X1.7/16 230
SAF22510X1.11/16 230
SAF22511X1.15/16 230
SAF22513X2.3/16 230
SAF22515X2.7/16 230
SAF22516X2.11/16 230
SAF22517X2.15/16 230
SAF22518X3.3/16 230
SAF22520X3.7/16 230
SAF22522X3.15/16 230
SAF22524X4.3/16 230
SAF22526X4.7/16 230
SAF22528X4.15/16 230
SAF22530X5.3/16 230
SAF22532X5.7/16 230
SAF22534X5.15/16 230
SAF22536X6.7/16 230
SAF22538X6.15/16 230
SAF22540X7.3/16 230
SAF22544X7.15/16 230
SAF22609X1.7/16 230
SAF22610X1.11/16 230
SAF22611X1.15/16 230
SAF22613X2.3/16 230
SAF22615X2.7/16 230
SAF22616X2.11/16 230
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SAF22622X3.15/16 230
SAF22624X4.3/16 230
SAF22626X4.7/16 230
SAF22628X4.15/16 230
SAF22630X5.3/16 230
SAF22632X5.7/16 230
SAF22634X5.15/16 230
SAF22636X6.7/16 230
SAF22638X6.15/16 230

SAFS

SAFS22216 234
SAFS22217 234
SAFS22218 234
SAFS22220 234
SAFS22222 234
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SAFS22226 234
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SAFS22230 234
SAFS22232 234
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SAFS22236 234
SAFS22238 234
SAFS22240 234

SAFS22244 234
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SAFS22510X1.11/16 234
SAFS22511X1.15/16 234
SAFS22513X2.3/16 234
SAFS22515X2.7/16 234
SAFS22516X2.11/16 234
SAFS22517X2.15/16 234
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SAFS22520X3.7/16 234
SAFS22522X3.15/16 234
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SAFS22528X4.15/16 234
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SAFS22534X5.15/16 234
SAFS22536X6.7/16 234
SAFS22538X6.15/16 234
SAFS22540X7.3/16 234
SAFS22544X7.15/16 234

SCC
SCC204 263
SCC205 263
SCC206 263
SCC207 263
SCC208 263
SCC209 263
SCC210 263
SCC211 263
SCC212 263

SCO
SCO204 263
SCOU204-12 263
SCO205 263
SCOU205-16 263
SCO206 263
SCOU206-19 263
SCOU206-20 263
SCO207 263
SCOU207-20 263
SCOU207-22 263
SCOU207-23 263
SCO208 263
SCOU208-24 263
SCO209 263
SCOU209-28 263
SCO210 263
SCOU210-31 263
SCO211 263
SCOU211-35 263
SCO212 263
SCOU212-39 263

SES
SES201 222
SES202 222
SES203 222
SES204 222
SES204-12 222
SES205 222
SES205-16 222
SES206 222
SES206-19 222
SES206-20 222
SES207 222
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SES211-32 222
SES211-35 222
SES212 222
SES212-39 222

SESF
SESF201 213
SESF202 213
SESF203 213
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SESF204-12 213
SESF205 213
SESF205-16 213
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SESF212 213
SESF212-39 213

SESFL
SESFL201 215
SESFL202 215
SESFL203 215
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SESFL204-12 215
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SESP
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SESP211 209
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SESP212 209
SESP212-39 209

SESPA
SESPA201 211
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SESPA204-12 211
SESPA205 211
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SESPA210-32 211

SEST

SEST201 218
SEST202 218
SEST203 218
SEST204 218
SEST204-12 218
SEST205 218
SEST205-16 218
SEST206 218
SEST206-18 218
SEST206-19 218
SEST206-20 218
SEST207 218
SEST207-20 218
SEST207-22 218
SEST207-23 218
SEST208 218
SEST208-24 218
SEST209 218
SEST209-28 218
SEST210 218
SEST210-31 218

SFCW

SFCW2211N1 228
SFCW2211-115N1 228
SFCW2211-200N1 228
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SFCW2213-203N1 228
SFCW2213-204N1 228
SFCW2213-206N1 228
SFCW2215N1 228
SFCW2215-207N1 228
SFCW2215-208N1 228
SFCW2217N1 228
SFCW2217-216N1 228
SFCW2217-300N1 228
SFCW2220N1 228
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SFCW2220-308N1 228
SFCW2222N1 228
SFCW2222-315N1 228
SFCW2222-400N1 228
SFCW2224N1 228
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SFCW2228N1 228
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SFCW2228-500N1 228
SFCW2232N1 228
SFCW2232-507N1 228
SFCW2232-508N1 228

SN

SN3024 240
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SN3028 240
SN3030 240
SN3032 240
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SN3036 240
SN3038 240
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SN619 238
SN620 238
SN622 238
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SN626 238
SN628 238
SN630 238
SN632 238

SPAW

SPAW2211N1 226
SPAW2211-115N1 226
SPAW2211-200N1 226
SPAW2213N1 226
SPAW2213-203N1 226
SPAW2213-204N1 226
SPAW2213-206N1 226
SPAW2215N1 226
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SPAW2226-408N1 226
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SPAW2232N1 226
SPAW2232-507N1 226
SPAW2232-508N1 226

SPW

SPW2211N1 224
SPW2211-115N1 224
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SPW2226N1 224
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SPW2226-408N1 224
SPW2228N1 224

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SPW2232N1 224
SPW2232-507N1 224
SPW2232-508N1 224

SUC

SUC201 221
SUC202 221
SUC203 221
SUC204 221
SUC204-12 221
SUC204-12FG1 221
SUC205 221
SUC205-16 221
SUC205-16FG1 221
SUC206 221
SUC206-19 221
SUC206-19FG1 221
SUC206-20 221
SUC207-20FG1 221
SUC207 221
SUC207-20 221
SUC207-22 221
SUC207-23 221
SUC207-23FG1 221
SUC208 221
SUC208-24 221
SUC208-24FG1 221
SUC209 221
SUC209-28 221
SUC210 221
SUC210-31 221
SUC211 221
SUC211-32 221
SUC211-35 221
SUC212 221
SUC212-39 221

SUCF

SUCF201 212
SUCF202 212
SUCF203 212
SUCF204 212
SUCF204-12 212
SUCF205 212
SUCF205-16 212
SUCF206 212
SUCF206-18 212
SUCF206-19 212
SUCF206-20 212
SUCF207 212
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SUCF207-22 212
SUCF207-23 212
SUCF208 212
SUCF208-24 212
SUCF209 212
SUCF209-28 212
SUCF210 212
SUCF210-31 212
SUCF211 212
SUCF211-32 212
SUCF211-35 212
SUCF212 212
SUCF212-39 212

SUCFL

SUCFL201 214
SUCFL202 214
SUCFL203 214
SUCFL204 214
SUCFL204-12 214
SUCFL205 214
SUCFL205-16 214
SUCFL206 214
SUCFL206-18 214
SUCFL206-19 214
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SUCFL207 214
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SUCFL207-22 214
SUCFL207-23 214
SUCFL208 214
SUCFL208-24 214
SUCFL209 214
SUCFL209-28 214
SUCFL210 214
SUCFL210-31 214

SUCP

SUCP201 208
SUCP202 208
SUCP203 208
SUCP204 208
SUCP204-12 208
SUCP205 208
SUCP205-16 208
SUCP206 208
SUCP206-18 208
SUCP206-19 208
SUCP206-20 208
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SUCP208 208
SUCP208-24 208
SUCP209 208
SUCP209-28 208
SUCP210 208
SUCP210-31 208
SUCP211 208
SUCP211-32 208
SUCP211-35 208
SUCP212 208
SUCP212-39 208

SUCPA

SUCPA201 210
SUCPA202 210
SUCPA203 210
SUCPA204 210
SUCPA204-12 210
SUCPA205 210
SUCPA205-16 210
SUCPA206 210
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SUCPA206-19 210
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SUCPA208 210
SUCPA208-24 210
SUCPA209 210
SUCPA209-28 210
SUCPA210 210
SUCPA210-31 210
SUCPA210-32 210

SUCT

SUCT201 216
SUCT202 216
SUCT203 216
SUCT204 216
SUCT204-12 216
SUCT205 216
SUCT205-16 216
SUCT206 216
SUCT206-18 216
SUCT206-19 216
SUCT206-20 216
SUCT207 216
SUCT207-20 216
SUCT207-22 216
SUCT207-23 216
SUCT208 216
SUCT208-24 216
SUCT209 216
SUCT209-28 216
SUCT210 216
SUCT210-31 216

TLS

TLS-1FTSET33 267
TLS-3BACKPULLER50-210 270
TLS-BACKPULLER22-115 269
TLS-BREPULLER12-45 269
TLS-BREPULLER35-100 269
TLS-FASTTHERM20-110V 268
TLS-FASTTHERM35-110V 268
TLS-FASTTHERM150-230V/500V/560V 268
TLS-FASTTHERM300-230V/500V/560V 268
TLS-FASTTHERM600-230V/500V/560V 268
TLS-FASTTHERM1200-230V/500V/560V 268
TLS-HKSPANNER15-35 267

TLS-HKSPANNER35-50 267
TLS-HKSPANNER50-80 267
TLS-HKSPANNER80-120 267
TLS-HKSPANNER120-180 267
TLS-MECHPULLER2/3-120 269
TLS-MECHPULLER2/3-180 269
TLS-MECHPULLER2/3-270 269
TLS-PNSPANNER15-35 267
TLS-PNSPANNER35-50 267
TLS-PNSPANNER50-80 267
TLS-PNSPANNER80-120 267
TLS-PNSPANNER120-180 267
TLS-SCHYDPULLER-4T 269
TLS-SCHYDPULLER-4TACCSET 270
TLS-SCHYDPULLER-12T 269
TLS-SCHYDPULLER-12TACCSET 270
TLS-SCHYDPULLER-20T 269

UC2

UC201D1 175
UC201-008D1 175
UC202D1 175
UC202-009D1 175
UC202-010D1 175
UC203D1 175
UC203-011D1 175
UC204D1 175
UC204-012D1 175
UC205D1 175
UC205-013D1 175
UC205-014D1 175
UC205-015D1 175
UC205-100D1 175
UC206D1 175
UC206-101D1 175
UC206-102D1 175
UC206-103D1 175
UC206-104D1 175
UC207D1 175
UC207-104D1 175
UC207-105D1 175
UC207-106D1 175
UC207-107D1 175
UC208D1 175
UC208-108D1 175
UC208-109D1 175
UC209D1 175
UC209-110D1 175
UC209-111D1 175
UC209-112D1 175
UC210D1 175
UC210-113D1 175
UC210-114D1 175
UC210-115D1 175
UC210-200D1 175
UC211D1 175
UC211-200D1 175
UC211-201D1 175
UC211-202D1 175
UC211-203D1 175
UC212D1 176
UC212-204D1 176
UC212-206D1 176
UC212-207D1 176
UC213D1 176
UC213-208D1 176
UC214D1 176
UC214-211D1 176
UC214-212D1 176
UC215D1 176
UC215-215D1 176
UC215-300D1 176
UC216D1 176
UC216-302D1 176
UC217D1 176
UC217-304D1 176
UC218D1 176
UC218-308D1 176

UC3

UC305D1 177
UC305-014D1 177
UC305-015D1 177
UC305-100D1 177
UC306D1 177
UC306-102D1 177
UC306-103D1 177
UC307D1 177
UC307-104D1 177
UC307-105D1 177
UC307-106D1 177
UC307-107D1 177
UC308D1 177
UC308-108D1 177
UC309D1 177
UC309-110D1 177
UC309-111D1 177
UC309-112D1 177
UC310D1 177
UC310-114D1 177
UC310-115D1 177
UC311D1 177
UC311-200D1 177
UC311-202D1 177
UC311-203D1 177
UC312D1 177
UC312-204D1 177
UC312-206D1 177
UC312-207D1 177
UC313D1 177
UC313-208D1 177
UC314D1 177
UC314-211D1 177
UC314-212D1 177
UC315D1 177
UC315-215D1 177
UC315-300D1 177
UC316D1 178
UC316-302D1 178
UC316-303D1 178
UC317D1 178
UC317-304D1 178
UC318D1 178
UC318-307D1 178
UC318-308D1 178
UC319D1 178
UC319-312D1 178
UC320D1 178
UC320-315D1 178
UC320-400D1 178
UC321D1 178
UC322D1 178
UC324D1 178
UC326D1 178
UC328D1 178

UCC2

UCC201D1 165
UCC201-008D1 165
UCC202D1 165
UCC202-009D1 165
UCC202-010D1 165
UCC203D1 165
UCC203-011D1 165
UCC204D1 165
UCC204-012D1 165
UCC205D1 165
UCC205-013D1 165
UCC205-014D1 165
UCC205-015D1 165
UCC205-100D1 165
UCC206D1 165
UCC206-101D1 165
UCC206-102D1 165
UCC206-103D1 165
UCC206-104D1 165
UCC207D1 165
UCC207-104D1 165
UCC207-105D1 165
UCC207-106D1 165
UCC207-107D1 165
UCC208D1 165
UCC208-108D1 165
UCC208-109D1 165
UCC209D1 165
UCC209-110D1 165
UCC209-111D1 165
UCC209-112D1 165
UCC210D1 166
UCC210-113D1 166
UCC210-114D1 166
UCC210-115D1 166
UCC210-200D1 166
UCC211D1 166
UCC211-200D1 166
UCC211-201D1 166
UCC211-202D1 166
UCC211-203D1 166
UCC212D1 166
UCC212-204D1 166

UCC212-205D1 166
UCC212-206D1 166
UCC212-207D1 166
UCC213D1 166
UCC213-208D1 166
UCC213-209D1 166

UCC3

UCC305D1 167
UCC305-013D1 167
UCC305-014D1 167
UCC305-015D1 167
UCC305-100D1 167
UCC306D1 167
UCC306-101D1 167
UCC306-102D1 167
UCC306-103D1 167
UCC307D1 167
UCC307-104D1 167
UCC307-105D1 167
UCC307-106D1 167
UCC307-107D1 167
UCC308D1 167
UCC308-108D1 167
UCC308-109D1 167
UCC309D1 167
UCC309-110D1 167
UCC309-111D1 167
UCC309-112D1 167
UCC310D1 167
UCC310-113D1 167
UCC310-114D1 167
UCC310-115D1 167
UCC311D1 167
UCC311-200D1 167
UCC311-201D1 167
UCC311-202D1 167
UCC311-203D1 167
UCC312D1 167
UCC312-204D1 167
UCC312-205D1 167
UCC312-206D1 167
UCC312-207D1 167
UCC313D1 167
UCC313-208D1 167
UCC313-209D1 167
UCC314D1 168
UCC314-210D1 168
UCC314-211D1 168
UCC314-212D1 168
UCC315D1 168
UCC315-213D1 168
UCC315-214D1 168
UCC315-215D1 168
UCC315-300D1 168
UCC316D1 168
UCC316-301D1 168
UCC316-302D1 168
UCC316-303D1 168
UCC317D1 168
UCC317-304D1 168
UCC317-305D1 168
UCC317-307D1 168
UCC318D1 168
UCC318-308D1 168
UCC319D1 168
UCC319-310D1 168
UCC319-311D1 168
UCC319-312D1 168
UCC320D1 168
UCC320-313D1 168
UCC320-314D1 168
UCC320-315D1 168
UCC320-400D1 168
UCC321D1 168
UCC322D1 168
UCC324D1 168
UCC326D1 168
UCC328D1 168

UCF2

UCF201D1 100
UCF201-008D1 100
UCF202D1 100
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UCF202-010D1 100
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UCF215-215D1 101
UCF215-300D1 101
UCF216D1 101
UCF216-302D1 101
UCF217D1 101
UCF217-304D1 101
UCF218D1 101
UCF218-308D1 101

UCF3

UCF305D1 102
UCF305-014D1 102
UCF305-015D1 102
UCF305-100D1 102
UCF306D1 102
UCF306-102D1 102
UCF306-103D1 102
UCF307D1 102
UCF307-104D1 102
UCF307-105D1 102
UCF307-106D1 102
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UCF308D1 102
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UCF309D1 102
UCF309-110D1 102
UCF309-111D1 102
UCF309-112D1 102
UCF310D1 102
UCF310-114D1 102
UCF310-115D1 102
UCF311D1 102
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UCF311-202D1 102
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UCF312D1 102
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UCF312-206D1 102
UCF312-207D1 102
UCF313D1 102
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UCF314D1 102
UCF314-211D1 102
UCF314-212D1 102
UCF315D1 102
UCF315-215D1 102
UCF315-300D1 102
UCF316D1 102

UCF316-302D1 102
UCF316-303D1 102
UCF317D1 103
UCF317-304D1 103
UCF318D1 103
UCF318-307D1 103
UCF318-308D1 103
UCF319D1 103
UCF319-312D1 103
UCF320D1 103
UCF320-315D1 103
UCF320-400D1 103
UCF321D1 103
UCF322D1 103
UCF324D1 103
UCF326D1 103
UCF328D1 103

UCFA2

UCFA201D1 124
UCFA201-008D1 124
UCFA202D1 124
UCFA202-009D1 124
UCFA202-010D1 124
UCFA203D1 124
UCFA203-011D1 124
UCFA204D1 124
UCFA204-012D1 124
UCFA205D1 124
UCFA205-013D1 124
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UCFA205-015D1 124
UCFA205-100D1 124
UCFA206D1 124
UCFA206-101D1 124
UCFA206-102D1 124
UCFA206-103D1 124
UCFA206-104D1 124
UCFA207D1 124
UCFA207-104D1 124
UCFA207-105D1 124
UCFA207-106D1 124
UCFA207-107D1 124
UCFA208D1 124
UCFA208-108D1 124
UCFA208-109D1 124
UCFA209D1 124
UCFA209-110D1 124
UCFA209-111D1 124
UCFA209-112D1 124
UCFA210D1 124
UCFA210-113D1 124
UCFA210-114D1 124
UCFA210-115D1 124
UCFA210-200D1 124
UCFA211D1 124
UCFA211-200D1 124
UCFA211-201D1 124
UCFA211-202D1 124
UCFA211-203D1 124

UCFC2

UCFC201D1 118
UCFC201-008D1 118
UCFC202D1 118
UCFC202-009D1 118
UCFC202-010D1 118
UCFC203D1 118
UCFC203-011D1 118
UCFC204D1 118
UCFC204-012D1 118
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UCFC205-013D1 118
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UCFC206D1 118
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UCFC206-102D1 118
UCFC206-103D1 118
UCFC206-104D1 118
UCFC207D1 118
UCFC207-104D1 118
UCFC207-105D1 118
UCFC207-106D1 118
UCFC207-107D1 118
UCFC208D1 118
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UCFC208-109D1 118
UCFC209D1 118
UCFC209-110D1 118
UCFC209-111D1 118
UCFC209-112D1 118
UCFC210D1 118
UCFC210-113D1 118
UCFC210-114D1 118
UCFC210-115D1 118
UCFC210-200D1 118
UCFC211D1 118
UCFC211-200D1 118
UCFC211-201D1 118
UCFC211-202D1 118
UCFC211-203D1 118
UCFC212D1 120
UCFC212-204D1 120
UCFC212-205D1 120
UCFC212-206D1 120
UCFC212-207D1 120
UCFC213D1 120
UCFC213-208D1 120
UCFC213-209D1 120
UCFC214D1 120
UCFC214-210D1 120
UCFC214-211D1 120
UCFC214-212D1 120
UCFC215D1 120
UCFC215-213D1 120
UCFC215-214D1 120
UCFC215-215D1 120
UCFC215-300D1 120
UCFC216D1 120
UCFC216-301D1 120
UCFC216-302D1 120
UCFC216-303D1 120
UCFC217D1 120
UCFC217-304D1 120
UCFC217-305D1 120
UCFC217-307D1 120
UCFC218D1 120
UCFC218-308D1 120

UCFCX

UCFCX05D1 122
UCFCX05-013D1 122
UCFCX05-014D1 122
UCFCX05-015D1 122
UCFCX05-100D1 122
UCFCX06D1 122
UCFCX06-101D1 122
UCFCX06-102D1 122
UCFCX06-103D1 122
UCFCX06-104D1 122
UCFCX07D1 122
UCFCX07-105D1 122
UCFCX07-106D1 122
UCFCX07-107D1 122
UCFCX08D1 122
UCFCX08-108D1 122
UCFCX08-109D1 122
UCFCX09D1 122
UCFCX09-110D1 122
UCFCX09-111D1 122
UCFCX09-112D1 122
UCFCX09-113D1 122
UCFCX10D1 122
UCFCX10-114D1 122
UCFCX10-115D1 122
UCFCX10-200D1 122
UCFCX11D1 122
UCFCX11-201D1 122
UCFCX11-202D1 122
UCFCX11-203D1 122
UCFCX11-204D1 122
UCFCX11-205D1 122
UCFCX12D1 123
UCFCX12-206D1 123
UCFCX12-207D1 123
UCFCX13D1 123
UCFCX13-208D1 123
UCFCX13-209D1 123
UCFCX14D1 123
UCFCX14-210D1 123
UCFCX14-211D1 123
UCFCX14-212D1 123
UCFCX15D1 123
UCFCX15-213D1 123
UCFCX15-214D1 123
UCFCX15-215D1 123
UCFCX15-300D1 123
UCFCX16D1 123
UCFCX16-301D1 123

UCFCX16-302D1 123
UCFCX16-303D1 123
UCFCX16-304D1 123
UCFCX17D1 123
UCFCX17-305D1 123
UCFCX17-307D1 123
UCFCX18D1 123
UCFCX18-307D1 123
UCFCX18-308D1 123
UCFCX20D1 123
UCFCX20-313D1 123
UCFCX20-314D1 123
UCFCX20-315D1 123
UCFCX20-400D1 123

UCFG2

UCFG201D1 106
UCFG202D1 106
UCFG203D1 106
UCFG204D1 106
UCFG205D1 106
UCFG206D1 106
UCFG207D1 106
UCFG208D1 106
UCFG209D1 106
UCFG210D1 106
UCFG211D1 106
UCFG212D1 106
UCFG213D1 106
UCFG214D1 106
UCFG215D1 106
UCFG216D1 106
UCFG217D1 106
UCFG218D1 106

UCFH2

UCFH201D1 125
UCFH201-008D1 125
UCFH202D1 125
UCFH202-009D1 125
UCFH202-010D1 125
UCFH203D1 125
UCFH203-011D1 125
UCFH204D1 125
UCFH204-012D1 125
UCFH205D1 125
UCFH205-013D1 125
UCFH205-014D1 125
UCFH205-015D1 125
UCFH205-100D1 125
UCFH206D1 125
UCFH206-101D1 125
UCFH206-102D1 125
UCFH206-103D1 125
UCFH206-104D1 125
UCFH207D1 125
UCFH207-104D1 125
UCFH207-105D1 125
UCFH207-106D1 125
UCFH207-107D1 125
UCFH208D1 125
UCFH208-108D1 125
UCFH208-109D1 125
UCFH209D1 125
UCFH209-110D1 125
UCFH209-111D1 125
UCFH209-112D1 125
UCFH210D1 125
UCFH210-113D1 125
UCFH210-114D1 125
UCFH210-115D1 125
UCFH210-200D1 125

UCFL2

UCFL201D1 76
UCFL201-008D1 76
UCFL202D1 76
UCFL202-009D1 76
UCFL202-010D1 76
UCFL203D1 76
UCFL203-011D1 76
UCFL204D1 76
UCFL204-012D1 76
UCFL205D1 76
UCFL205-013D1 76
UCFL205-014D1 76
UCFL205-015D1 76
UCFL205-100D1 76
UCFL206D1 76
UCFL206-101D1 76
UCFL206-102D1 76
UCFL206-103D1 76
UCFL206-104D1 76
UCFL207D1 76
UCFL207-104D1 76
UCFL207-105D1 76
UCFL207-106D1 76
UCFL207-107D1 76
UCFL208D1 76
UCFL208-108D1 76
UCFL208-109D1 76
UCFL209D1 76
UCFL209-110D1 76
UCFL209-111D1 76
UCFL209-112D1 76
UCFL210D1 76
UCFL210-113D1 76
UCFL210-114D1 76
UCFL210-115D1 76
UCFL210-200D1 76
UCFL211D1 76
UCFL211-200D1 76
UCFL211-201D1 76
UCFL211-202D1 76
UCFL211-203D1 76
UCFL212D1 76
UCFL212-204D1 76
UCFL212-206D1 76
UCFL212-207D1 76
UCFL213D1 77
UCFL213-208D1 77
UCFL214D1 77
UCFL214-211D1 77
UCFL214-212D1 77
UCFL215D1 77
UCFL215-215D1 77
UCFL215-300D1 77
UCFL216D1 77
UCFL216-302D1 77
UCFL217D1 77
UCFL217-304D1 77
UCFL218D1 77
UCFL218-308D1 77

UCFL3

UCFL305D1 78
UCFL305-014D1 78
UCFL305-015D1 78
UCFL305-100D1 78
UCFL306D1 78
UCFL306-102D1 78
UCFL306-103D1 78
UCFL307D1 78
UCFL307-104D1 78
UCFL307-105D1 78
UCFL307-106D1 78
UCFL307-107D1 78
UCFL308D1 78
UCFL308-108D1 78
UCFL309D1 78
UCFL309-110D1 78
UCFL309-111D1 78
UCFL309-112D1 78
UCFL310D1 78
UCFL310-114D1 78
UCFL310-115D1 78
UCFL311D1 78
UCFL311-200D1 78
UCFL311-202D1 78
UCFL311-203D1 78
UCFL312D1 78
UCFL312-204D1 78
UCFL312-206D1 78
UCFL312-207D1 78
UCFL313D1 78
UCFL313-208D1 78
UCFL314D1 78
UCFL314-211D1 78
UCFL314-212D1 78
UCFL315D1 78
UCFL315-215D1 78
UCFL315-300D1 78
UCFL316D1 78
UCFL316-302D1 78
UCFL316-303D1 78
UCFL317D1 79
UCFL317-304D1 79
UCFL318D1 79
UCFL318-307D1 79
UCFL318-308D1 79

UCFL319D1 79
UCFL319-312D1 79
UCFL320D1 79
UCFL320-315D1 79
UCFL320-400D1 79
UCFL321D1 79
UCFL322D1 79
UCFL324D1 79
UCFL326D1 79
UCFL328D1 79

UCFLG2
UCFLG201D1 81
UCFLG202D1 81
UCFLG203D1 81
UCFLG204D1 81
UCFLG205D1 81
UCFLG206D1 81
UCFLG207D1 81
UCFLG208D1 81
UCFLG209D1 81
UCFLG210D1 81
UCFLG211D1 81
UCFLG212D1 81
UCFLG213D1 81
UCFLG214D1 81
UCFLG215D1 81
UCFLG216D1 81
UCFLG217D1 81
UCFLG218D1 81

UCFLU
UCFLU-½M 31
UCFLU-9/16M 31
UCFLU-⅝M 31
UCFLU-11/16M 31
UCFLU-20M 31
UCFLU-¾M 31
UCFLU-25M 31
UCFLU-13/16M 31
UCFLU-⅞M 31
UCFLU-15/16M 31
UCFLU-1M 31
UCFLU-30M 31
UCFLU-1 1/16M 31
UCFLU-1⅛M 31
UCFLU-1 3/16M 31
UCFLU-1¼SM 31
UCFLU-35M 31
UCFLU-1¼M 31
UCFLU-1 5/16M 31
UCFLU-1⅜M 31
UCFLU-1 7/16M 31
UCFLU-40M 31
UCFLU-1½M 31
UCFLU-1 9/16M 31
UCFLU-45M 31
UCFLU-1⅝M 31
UCFLU-1 11/16M 31
UCFLU-1¾M 31
UCFLU-50M 31
UCFLU-1 13/16M 31
UCFLU-1⅞M 31
UCFLU-1 15/16M 31
UCFLU-2SM 31
UCFLU-55M 31
UCFLU-2M 31
UCFLU-2 1/16M 31
UCFLU-2⅛M 31
UCFLU-2 3/16M 31

UCFLUX
UCFLUX-13/16M 32
UCFLUX-⅞M 32
UCFLUX-15/16M 32
UCFLUX-1M 32
UCFLUX-1 1/16M 32
UCFLUX-1⅛M 32
UCFLUX-1 3/16M 32
UCFLUX-1¼M 32
UCFLUX-1 5/16M 32
UCFLUX-1⅜M 32
UCFLUX-1 7/16M 32
UCFLUX-1½M 32
UCFLUX-1 9/16M 32
UCFLUX-1⅝M 32
UCFLUX-1 11/16M 32
UCFLUX-1¾M 32
UCFLUX-1 13/16M 32
UCFLUX-1⅞M 32
UCFLUX-1 15/16M 32
UCFLUX-2M 32

UCFLX
UCFLX05D1 80
UCFLX05-013D1 80
UCFLX05-014D1 80
UCFLX05-015D1 80
UCFLX05-100D1 80
UCFLX06D1 80
UCFLX06-101D1 80
UCFLX06-102D1 80
UCFLX06-103D1 80
UCFLX06-104D1 80
UCFLX07D1 80
UCFLX07-105D1 80
UCFLX07-106D1 80
UCFLX07-107D1 80
UCFLX08D1 80
UCFLX08-108D1 80
UCFLX08-109D1 80
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UCFLX09-111D1 80
UCFLX09-112D1 80
UCFLX09-113D1 80
UCFLX10D1 80
UCFLX10-114D1 80
UCFLX10-115D1 80
UCFLX10-200D1 80

UCFS3
UCFS305D1 108
UCFS305-013D1 108
UCFS305-014D1 108
UCFS305-015D1 108
UCFS305-100D1 108
UCFS306D1 108
UCFS306-101D1 108
UCFS306-102D1 108
UCFS306-103D1 108
UCFS307D1 108
UCFS307-104D1 108
UCFS307-105D1 108
UCFS307-106D1 108
UCFS307-107D1 108
UCFS308D1 108
UCFS308-108D1 108
UCFS308-109D1 108
UCFS309D1 108
UCFS309-110D1 108
UCFS309-111D1 108
UCFS309-112D1 108
UCFS310D1 108
UCFS310-113D1 108
UCFS310-114D1 108
UCFS310-115D1 108
UCFS311D1 108
UCFS311-200D1 108
UCFS311-201D1 108
UCFS311-202D1 108
UCFS311-203D1 108
UCFS312D1 108
UCFS312-204D1 108
UCFS312-205D1 108
UCFS312-206D1 108
UCFS312-207D1 108
UCFS313D1 108
UCFS313-208D1 108
UCFS313-209D1 108
UCFS314D1 110
UCFS314-210D1 110
UCFS314-211D1 110
UCFS314-212D1 110
UCFS315D1 110
UCFS315-213D1 110
UCFS315-214D1 110
UCFS315-215D1 110
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UCFS316D1 110
UCFS316-301D1 110
UCFS316-302D1 110
UCFS316-303D1 110
UCFS317D1 110
UCFS317-304D1 110
UCFS317-305D1 110
UCFS317-307D1 110
UCFS318D1 110
UCFS318-307D1 110
UCFS318-308D1 110
UCFS319D1 110

UCFS319-310D1 110
UCFS319-311D1 110
UCFS319-312D1 110
UCFS320D1 110
UCFS320-313D1 110
UCFS320-314D1 110
UCFS320-315D1 110
UCFS320-400D1 110
UCFS321D1 110
UCFS322D1 110
UCFS324D1 110
UCFS326D1 110
UCFS328D1 110

UCFU

UCFU-½M 36
UCFU-9/16M 36
UCFU-⅝M 36
UCFU-11/16M 36
UCFU-20M 36
UCFU-¾M 36
UCFU-25M 36
UCFU-13/16M 36
UCFU-⅞M 36
UCFU-15/16M 36
UCFU-1M 36
UCFU-30M 36
UCFU-1 1/16M 36
UCFU-1⅛M 36
UCFU-1 3/16M 36
UCFU-1¼SM 36
UCFU-35M 36
UCFU-1¼M 36
UCFU-1 5/16M 36
UCFU-1⅜M 36
UCFU-1 7/16M 36
UCFU-40M 36
UCFU-1½M 36
UCFU-1 9/16M 36
UCFU-45M 36
UCFU-1⅝M 36
UCFU-1 11/16M 36
UCFU-1¾M 36
UCFU-50M 37
UCFU-1 13/16M 37
UCFU-1⅞M 37
UCFU-1 15/16M 37
UCFU-2SM 37
UCFU-55M 37
UCFU-2M 37
UCFU-2 1/16M 37
UCFU-2⅛M 37
UCFU-2 3/16M 37
UCFU-60M 37
UCFU-2¼M 37
UCFU-2 5/16M 37
UCFU-2⅜M 37
UCFU-2 7/16M 37
UCFU-2½M 37
UCFU-2 9/16M 37
UCFU-2⅝M 37
UCFU-2 11/16M 37
UCFU-2¾M 37
UCFU-2 13/16M 37
UCFU-2⅞M 37
UCFU-2 15/16M 37
UCFU-3M 37

UCFUX

UCFUX-13/16M 38
UCFUX-⅞M 38
UCFUX-15/16M 38
UCFUX-1M 38
UCFUX-1 1/16M 38
UCFUX-1⅛M 38
UCFUX-1 3/16M 38
UCFUX-1¼M 38
UCFUX-1 5/16M 38
UCFUX-1⅜M 38
UCFUX-1 7/16M 38
UCFUX-1½M 38
UCFUX-1 9/16M 38
UCFUX-1⅝M 38
UCFUX-1 11/16M 38
UCFUX-1¾M 38
UCFUX-1 13/16M 38
UCFUX-1⅞M 38
UCFUX-1 15/16M 38
UCFUX-2M 38
UCFUX-2 1/16M 38
UCFUX-2⅛M 38
UCFUX-2 3/16M 38
UCFUX-2¼M 38
UCFUX-2 5/16M 38
UCFUX-2⅜M 38
UCFUX-2 7/16M 38
UCFUX-2½M 38
UCFUX-2 9/16M 38
UCFUX-2⅝M 38
UCFUX-2 11/16M 38
UCFUX-2¾M 38
UCFUX-2 13/16M 38
UCFUX-2⅞M 38
UCFUX-2 15/16M 38
UCFUX-3M 38

UCFX

UCFX05D1 104
UCFX05-013D1 104
UCFX05-014D1 104
UCFX05-015D1 104
UCFX05-100D1 104
UCFX06D1 104
UCFX06-101D1 104
UCFX06-102D1 104
UCFX06-103D1 104
UCFX06-104D1 104
UCFX07D1 104
UCFX07-105D1 104
UCFX07-106D1 104
UCFX07-107D1 104
UCFX08D1 104
UCFX08-108D1 104
UCFX08-109D1 104
UCFX09D1 104
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UCFX09-111D1 104
UCFX09-112D1 104
UCFX09-113D1 104
UCFX10D1 104
UCFX10-114D1 104
UCFX10-115D1 104
UCFX10-200D1 104
UCFX11D1 104
UCFX11-201D1 104
UCFX11-202D1 104
UCFX11-203D1 104
UCFX11-204D1 104
UCFX11-205D1 104
UCFX12D1 104
UCFX12-206D1 104
UCFX12-207D1 104
UCFX13D1 104
UCFX13-208D1 104
UCFX13-209D1 104
UCFX14D1 104
UCFX14-210D1 104
UCFX14-211D1 104
UCFX14-212D1 104
UCFX15D1 105
UCFX15-213D1 105
UCFX15-214D1 105
UCFX15-215D1 105
UCFX15-300D1 105
UCFX16D1 105
UCFX16-302D1 105
UCFX16-303D1 105
UCFX16-304D1 105
UCFX17D1 105
UCFX17-305D1 105
UCFX17-307D1 105
UCFX18D1 105
UCFX18-308D1 105
UCFX20D1 105
UCFX20-314D1 105
UCFX20-315D1 105
UCFX20-400D1 105

UCHB2

UCHB201D1 126
UCHB201-008D1 126
UCHB202D1 126
UCHB202-009D1 126
UCHB202-010D1 126
UCHB203D1 126
UCHB203-011D1 126
UCHB204D1 126
UCHB204-012D1 126
UCHB205D1 126
UCHB205-013D1 126
UCHB205-014D1 126

UCHB205-015D1 126
UCHB205-100D1 126
UCHB206D1 126
UCHB206-101D1 126
UCHB206-102D1 126
UCHB206-103D1 126
UCHB206-104D1 126
UCHB207D1 126
UCHB207-104D1 126
UCHB207-105D1 126
UCHB207-106D1 126
UCHB207-107D1 126
UCHB208D1 126
UCHB208-108D1 126
UCHB208-109D1 126
UCHB209D1 126
UCHB209-110D1 126
UCHB209-111D1 126
UCHB209-112D1 126
UCHB210D1 127
UCHB210-113D1 127
UCHB210-114D1 127
UCHB210-115D1 127
UCHB210-200D1 127
UCHB211D1 127
UCHB211-200D1 127
UCHB211-201D1 127
UCHB211-202D1 127
UCHB211-203D1 127
UCHB212D1 127
UCHB212-204D1 127
UCHB212-205D1 127
UCHB212-206D1 127
UCHB212-207D1 127
UCHB213D1 127
UCHB213-208D1 127

UCHP2

UCHP201D1 59
UCHP201-008D1 59
UCHP202D1 59
UCHP202-009D1 59
UCHP202-010D1 59
UCHP203D1 59
UCHP203-011D1 59
UCHP204D1 59
UCHP204-012D1 59
UCHP205D1 59
UCHP205-013D1 59
UCHP205-014D1 59
UCHP205-015D1 59
UCHP205-100D1 59
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UCHP206-102D1 59
UCHP206-103D1 59
UCHP206-104D1 59
UCHP207D1 59
UCHP207-104D1 59
UCHP207-105D1 59
UCHP207-106D1 59
UCHP207-107D1 59
UCHP208D1 59
UCHP208-108D1 59
UCHP208-109D1 59
UCHP209D1 59
UCHP209-110D1 59
UCHP209-111D1 59
UCHP209-112D1 59
UCHP210D1 59
UCHP210-113D1 59
UCHP210-114D1 59
UCHP210-115D1 59
UCHP210-200D1 59

UCL2

UCL204-10D1 160
UCL204-20D1 160
UCL204-30D1 160
UCL204-40D1 160
UCL205-10D1 160
UCL205-20D1 160
UCL205-30D1 160
UCL205-40D1 160
UCL206-10D1 160
UCL206-20D1 160
UCL206-30D1 160
UCL206-40D1 160
UCL207-10D1 160
UCL207-20D1 160
UCL207-30D1 160
UCL207-40D1 160
UCL208-10D1 160
UCL208-20D1 160
UCL208-30D1 160
UCL208-40D1 160
UCL209-10D1 160
UCL209-20D1 160
UCL209-30D1 160
UCL209-40D1 160

UCM2

UCM208-50D1 161
UCM208-60D1 161
UCM208-70D1 161
UCM208-80D1 161
UCM208-90D1 161
UCM209-50D1 161
UCM209-60D1 161
UCM209-70D1 161
UCM209-80D1 161
UCM209-90D1 161
UCM210-50D1 161
UCM210-60D1 161
UCM210-70D1 161
UCM210-80D1 161
UCM210-90D1 161
UCM211-50D1 161
UCM211-60D1 161
UCM211-70D1 161
UCM211-80D1 161
UCM211-90D1 161
UCM212-50D1 161
UCM212-60D1 161
UCM212-70D1 161
UCM212-80D1 161
UCM212-90D1 161
UCM213-50D1 161
UCM213-60D1 161
UCM213-70D1 161
UCM213-80D1 161
UCM213-90D1 161

UCP

UCP-½M 20
UCP-9/16M 20
UCP-⅝M 20
UCP-11/16M 20
UCP-20M 20
UCP-¾M 20
UCP-25M 20
UCP-13/16M 20
UCP-⅞M 20
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UCP-1 3/16M 20
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UCP-1 5/16M 20
UCP-1⅜M 20
UCP-1 7/16M 20
UCP-40M 20
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UCP-1 9/16M 20
UCP-45M 20
UCP-1⅝M 20
UCP-1 11/16M 20
UCP-1¾M 20
UCP-50M 21
UCP-1 13/16M 21
UCP-1⅞M 21
UCP-1 15/16M 21
UCP-2SM 21
UCP-55M 21
UCP-2M 21
UCP-2 1/16M 21
UCP-2⅛M 21
UCP-2 3/16M 21
UCP-60M 21
UCP-2¼M 21
UCP-2 5/16M 21
UCP-2⅜M 21
UCP-2 7/16M 21
UCP-2½M 21
UCP-2 9/16M 21
UCP-2⅝M 21

UCP-2 11/16M 21
UCP-2 3/4M 21
UCP-2 13/16M 21
UCP-2 7/8M 21
UCP-2 15/16M 21
UCP-3M 21

UCP2

UCP201D1 52
UCP201-008D1 52
UCP202D1 52
UCP202-009D1 52
UCP202-010D1 52
UCP203D1 52
UCP203-011D1 52
UCP204D1 52
UCP204-012D1 52
UCP205D1 52
UCP205-013D1 52
UCP205-014D1 52
UCP205-015D1 52
UCP205-100D1 52
UCP206D1 52
UCP206-101D1 52
UCP206-102D1 52
UCP206-103D1 52
UCP206-104D1 52
UCP207D1 52
UCP207-104D1 52
UCP207-105D1 52
UCP207-106D1 52
UCP207-107D1 52
UCP208D1 52
UCP208-108D1 52
UCP208-109D1 52
UCP209D1 52
UCP209-110D1 52
UCP209-111D1 52
UCP209-112D1 52
UCP210D1 53
UCP210-113D1 53
UCP210-114D1 53
UCP210-115D1 53
UCP210-200D1 53
UCP211D1 53
UCP211-200D1 53
UCP211-201D1 53
UCP211-202D1 53
UCP211-203D1 53
UCP212D1 53
UCP212-204D1 53
UCP212-206D1 53
UCP212-207D1 53
UCP213D1 53
UCP213-208D1 53
UCP214D1 53
UCP214-211D1 53
UCP214-212D1 53
UCP215D1 53
UCP215-215D1 53
UCP215-300D1 53
UCP216D1 53
UCP216-302D1 53
UCP217D1 53
UCP217-304D1 53
UCP218D1 53
UCP218-308D1 53

UCP3

UCP305D1 55
UCP305-014D1 55
UCP305-015D1 55
UCP305-100D1 55
UCP306D1 55
UCP306-102D1 55
UCP306-103D1 55
UCP307D1 55
UCP307-104D1 55
UCP307-105D1 55
UCP307-106D1 55
UCP307-107D1 55
UCP308D1 55
UCP308-108D1 55
UCP309D1 55
UCP309-110D1 55
UCP309-111D1 55
UCP309-112D1 55
UCP310D1 55
UCP310-114D1 55
UCP310-115D1 55
UCP311D1 55
UCP311-200D1 55
UCP311-202D1 55
UCP311-203D1 55
UCP312D1 55
UCP312-204D1 55
UCP312-206D1 55
UCP312-207D1 55
UCP313D1 55
UCP313-208D1 55
UCP314D1 55
UCP314-211D1 55
UCP314-212D1 55
UCP315D1 56
UCP315-215D1 56
UCP315-300D1 56
UCP316D1 56
UCP316-302D1 56
UCP316-303D1 56
UCP317D1 56
UCP317-304D1 56
UCP318D1 56
UCP318-307D1 56
UCP318-308D1 56
UCP319D1 56
UCP319-312D1 56
UCP320D1 56
UCP320-315D1 56
UCP320-400D1 56
UCP321D1 56
UCP322D1 56
UCP324D1 56
UCP326D1 56
UCP328D1 56

UCPL

UCPL-1/2M 22
UCPL-9/16M 22
UCPL-5/8M 22
UCPL-11/16M 22
UCPL-20M 22
UCPL-3/4M 22
UCPL-25M 22
UCPL-13/16M 22
UCPL-7/8M 22
UCPL-15/16M 22
UCPL-1M 22
UCPL-30M 22
UCPL-1 1/16M 22
UCPL-1 1/8M 22
UCPL-1 3/16M 22
UCPL-1 1/4SM 22
UCPL-35M 22
UCPL-1 1/4M 22
UCPL-1 5/16M 22
UCPL-1 3/8M 22
UCPL-1 7/16M 22
UCPL-40M 22
UCPL-1 1/2M 22
UCPL-1 9/16M 22
UCPL-45M 22
UCPL-1 5/8M 22
UCPL-1 11/16M 22
UCPL-1 3/4M 22
UCPL-50M 23
UCPL-1 13/16M 23
UCPL-1 7/8M 23
UCPL-1 15/16M 23
UCPL-2SM 23
UCPL-55M 23
UCPL-2M 23
UCPL-2 1/16M 23
UCPL-2 1/8M 23
UCPL-2 3/16M 23
UCPL-60M 23
UCPL-2 1/4M 23
UCPL-2 5/16M 23
UCPL-2 3/8M 23
UCPL-2 7/16M 23
UCPL-2 1/2M 23
UCPL-2 9/16M 23
UCPL-2 5/8M 23
UCPL-2 11/16M 23
UCPL-2 3/4M 23
UCPL-2 13/16M 23
UCPL-2 7/8M 23
UCPL-2 15/16M 23
UCPL-3M 23

UCPL2
UCPL204D1 54
UCPL204-012D1 54
UCPL205D1 54
UCPL205-013D1 54
UCPL205-014D1 54
UCPL205-015D1 54
UCPL205-100D1 54
UCPL206D1 54
UCPL206-101D1 54
UCPL206-102D1 54
UCPL206-103D1 54
UCPL206-104D1 54
UCPL207D1 54
UCPL207-104D1 54
UCPL207-105D1 54
UCPL207-106D1 54
UCPL207-107D1 54
UCPL209D1 54
UCPL209-110D1 54
UCPL209-111D1 54
UCPL209-112D1 54
UCPL210D1 54
UCPL210-113D1 54
UCPL210-114D1 54
UCPL210-115D1 54
UCPL210-200D1 54

UCPX
UCPX-13/16M 24
UCPX-7/8M 24
UCPX-15/16M 24
UCPX-1M 24
UCPX-1 1/16M 24
UCPX-1 1/8M 24
UCPX-1 3/16M 24
UCPX-1 1/4M 24
UCPX-1 5/16M 24
UCPX-1 3/8M 24
UCPX-1 7/16M 24
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UCPX-1 9/16M 24
UCPX-1 5/8M 24
UCPX-1 11/16M 24
UCPX-1 3/4M 24
UCPX-1 13/16M 24
UCPX-1 7/8M 24
UCPX-1 15/16M 24
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UCPX-2 1/16M 24
UCPX-2 1/8M 24
UCPX-2 3/16M 24
UCPX-2 1/4M 24
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UCPX-2 1/2M 24
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UCPX-2 11/16M 24
UCPX-2 3/4M 24
UCPX-2 13/16M 24
UCPX-2 7/8M 24
UCPX-2 15/16M 24
UCPX-3M 24
UCPX-3 3/16M 24
UCPX-3 7/16M 24
UCPX-3 1/2M 24
UCPX05D1 57
UCPX05-013D1 57
UCPX05-014D1 57
UCPX05-015D1 57
UCPX05-100D1 57
UCPX06D1 57
UCPX06-101D1 57
UCPX06-102D1 57
UCPX06-103D1 57
UCPX06-104D1 57
UCPX07D1 57
UCPX07-105D1 57
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UCPX08-109D1 57
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UCPX09-112D1 57
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UCPX10D1 57
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UCPX10-115D1 57
UCPX10-200D1 57
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UCPX11-201D1 57
UCPX11-202D1 57
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UCPX16-303D1 58
UCPX16-304D1 58
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UCPX17-305D1 58
UCPX17-307D1 58
UCPX18D1 58
UCPX18-308D1 58
UCPX20D1 58
UCPX20-314D1 58
UCPX20-315D1 58
UCPX20-400D1 58

UCS2
UCS201D1N 184
UCS201-008D1N 184
UCS202D1N 184
UCS202-009D1N 184
UCS202-010D1N 184
UCS203D1N 184
UCS203-011D1N 184
UCS204D1N 184
UCS204-012D1N 184
UCS205D1N 184
UCS205-013D1N 184
UCS205-014D1N 184
UCS205-015D1N 184
UCS205-100D1N 184
UCS206D1N 184
UCS206-101D1N 184
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UCS207D1N 184
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UCS207-106D1N 184
UCS207-107D1N 184
UCS208D1N 184
UCS208-108D1N 184
UCS208-109D1N 184
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UCS210D1N 185
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UCS211-203D1N 185
UCS212D1 185
UCS212-204D1 185
UCS212-206D1 185
UCS212-207D1 185
UCS213D1 185
UCS213-208D1 185
UCS214D1 185
UCS215D1 185
UCS216D1 185
UCS217D1 185
UCS218D1 185

UCS3

UCS305D1 ... 186
UCS305-014D1 ... 186
UCS305-015D1 ... 186
UCS305-100D1 ... 186
UCS306D1 ... 186
UCS306-102D1 ... 186
UCS306-103D1 ... 186
UCS307D1 ... 186
UCS307-104D1 ... 186
UCS307-105D1 ... 186
UCS307-106D1 ... 186
UCS307-107D1 ... 186
UCS308D1 ... 186
UCS308-108D1 ... 186
UCS309D1 ... 186
UCS309-110D1 ... 186
UCS309-111D1 ... 186
UCS309-112D1 ... 186
UCS310D1 ... 186
UCS310-114D1 ... 186
UCS310-115D1 ... 186
UCS311D1 ... 186
UCS311-200D1 ... 186
UCS311-202D1 ... 186
UCS311-203D1 ... 186
UCS312D1 ... 186
UCS312-204D1 ... 186
UCS312-206D1 ... 186
UCS312-207D1 ... 186
UCS313D1 ... 186
UCS313-208D1 ... 186
UCS314D1 ... 187
UCS314-211D1 ... 187
UCS314-212D1 ... 187
UCS315D1 ... 187
UCS315-215D1 ... 187
UCS315-300D1 ... 187
UCS316D1 ... 187
UCS316-302D1 ... 187
UCS316-303D1 ... 187
UCS317D1 ... 187
UCS317-304D1 ... 187
UCS318D1 ... 187
UCS318-307D1 ... 187
UCS318-308D1 ... 187
UCS319D1 ... 187
UCS319-312D1 ... 187
UCS320D1 ... 187
UCS320-315D1 ... 187
UCS320-400D1 ... 187
UCS321D1 ... 187
UCS322D1 ... 187
UCS324D1 ... 187
UCS326D1 ... 187
UCS328D1 ... 187

UCT2

UCT201D1 ... 136
UCT201-008D1 ... 136
UCT202D1 ... 136
UCT202-009D1 ... 136
UCT202-010D1 ... 136
UCT203D1 ... 136
UCT203-011D1 ... 136
UCT204D1 ... 136
UCT204-012D1 ... 136
UCT205D1 ... 136
UCT205-013D1 ... 136
UCT205-014D1 ... 136
UCT205-015D1 ... 136
UCT205-100D1 ... 136
UCT206D1 ... 136
UCT206-101D1 ... 136
UCT206-102D1 ... 136
UCT206-103D1 ... 136
UCT206-104D1 ... 136
UCT207D1 ... 136
UCT207-104D1 ... 136
UCT207-105D1 ... 136
UCT207-106D1 ... 136
UCT207-107D1 ... 136
UCT208D1 ... 136
UCT208-108D1 ... 136
UCT208-109D1 ... 136
UCT209D1 ... 136
UCT209-110D1 ... 136
UCT209-111D1 ... 136
UCT209-112D1 ... 136
UCT210D1 ... 138
UCT210-113D1 ... 138
UCT210-114D1 ... 138
UCT210-115D1 ... 138
UCT210-200D1 ... 138
UCT211D1 ... 138
UCT211-200D1 ... 138
UCT211-201D1 ... 138
UCT211-202D1 ... 138
UCT211-203D1 ... 138
UCT212D1 ... 138
UCT212-204D1 ... 138
UCT212-205D1 ... 138
UCT212-206D1 ... 138
UCT212-207D1 ... 138
UCT213D1 ... 138
UCT213-208D1 ... 138
UCT213-209D1 ... 138
UCT214D1 ... 138
UCT214-210D1 ... 138
UCT214-211D1 ... 138
UCT214-212D1 ... 138
UCT215D1 ... 138
UCT215-213D1 ... 138
UCT215-214D1 ... 138
UCT215-215D1 ... 138
UCT215-300D1 ... 138
UCT216D1 ... 138
UCT216-301D1 ... 138
UCT216-302D1 ... 138
UCT216-303D1 ... 138
UCT217D1 ... 138
UCT217-304D1 ... 138
UCT217-305D1 ... 138
UCT217-307D1 ... 138

UCT3

UCT305D1 ... 140
UCT305-013D1 ... 140
UCT305-014D1 ... 140
UCT305-015D1 ... 140
UCT305-100D1 ... 140
UCT306D1 ... 140
UCT306-101D1 ... 140
UCT306-102D1 ... 140
UCT306-103D1 ... 140
UCT307D1 ... 140
UCT307-104D1 ... 140
UCT307-105D1 ... 140
UCT307-106D1 ... 140
UCT307-107D1 ... 140
UCT308D1 ... 140
UCT308-108D1 ... 140
UCT308-109D1 ... 140
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UCT309-111D1 ... 140
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UCT311D1 ... 140
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UCT313-209D1 ... 140
UCT314D1 ... 142
UCT314-210D1 ... 142
UCT314-211D1 ... 142
UCT314-212D1 ... 142
UCT315D1 ... 142
UCT315-213D1 ... 142
UCT315-214D1 ... 142
UCT315-215D1 ... 142
UCT315-300D1 ... 142
UCT316D1 ... 142
UCT316-301D1 ... 142
UCT316-302D1 ... 142
UCT316-303D1 ... 142
UCT317D1 ... 142
UCT317-304D1 ... 142
UCT317-305D1 ... 142

UCT317-307D1 ... 142
UCT318D1 ... 142
UCT318-307D1 ... 142
UCT318-308D1 ... 142
UCT319D1 ... 142
UCT319-310D1 ... 142
UCT319-311D1 ... 142
UCT319-312D1 ... 142
UCT320D1 ... 142
UCT320-313D1 ... 142
UCT320-314D1 ... 142
UCT320-315D1 ... 142
UCT320-400D1 ... 142
UCT321D1 ... 142
UCT322D1 ... 142
UCT324D1 ... 142
UCT326D1 ... 142
UCT328D1 ... 142

UCTX

UCTX05D1 ... 144
UCTX05-013D1 ... 144
UCTX05-014D1 ... 144
UCTX05-015D1 ... 144
UCTX05-100D1 ... 144
UCTX06D1 ... 144
UCTX06-101D1 ... 144
UCTX06-102D1 ... 144
UCTX06-103D1 ... 144
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UCTX07D1 ... 144
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UCTX08D1 ... 144
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UCTX10-200D1 ... 144
UCTX11D1 ... 144
UCTX11-201D1 ... 144
UCTX11-202D1 ... 144
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UCTX13-209D1 ... 146
UCTX14D1 ... 146
UCTX14-210D1 ... 146
UCTX14-211D1 ... 146
UCTX14-212D1 ... 146
UCTX15D1 ... 146
UCTX15-213D1 ... 146
UCTX15-214D1 ... 146
UCTX15-215D1 ... 146
UCTX15-300D1 ... 146
UCTX16D1 ... 146
UCTX16-301D1 ... 146
UCTX16-302D1 ... 146
UCTX16-303D1 ... 146
UCTX16-304D1 ... 146
UCTX17D1 ... 146
UCTX17-305D1 ... 146
UCTX17-307D1 ... 146

UCUP2

UCUP201D1 ... 60
UCUP201-008D1 ... 60
UCUP202D1 ... 60
UCUP202-009D1 ... 60
UCUP202-010D1 ... 60
UCUP203D1 ... 60
UCUP203-011D1 ... 60
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UCUP210D1 ... 60
UCUP210-113D1 ... 60
UCUP210-114D1 ... 60
UCUP210-115D1 ... 60
UCUP210-200D1 ... 60

UCX

UCX05D1 ... 179
UCX25-013D1 ... 179
UCX05-014D1 ... 179
UCX05-015D1 ... 179
UCX05-100D1 ... 179
UCX06D1 ... 179
UCX06-101D1 ... 179
UCX06-102D1 ... 179
UCX06-102D1 ... 179
UCX07D1 ... 179
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UCX07-107D1 ... 179
UCX08D1 ... 179
UCX08-108D1 ... 179
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UCX13-209D1 ... 179
UCX14D1 ... 180
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UCX14-211D1 ... 180
UCX14-212D1 ... 180
UCX15D1 ... 180
UCX15-213D1 ... 180
UCX15-214D1 ... 180
UCX15-215D1 ... 180
UCX15-300D1 ... 180
UCX16D1 ... 180
UCX16-302D1 ... 180
UCX16-303D1 ... 180
UCX17D1 ... 180
UCX17-305D1 ... 180
UCX17-307D1 ... 180
UCX18D1 ... 180
UCX18-308D1 ... 180
UCX20D1 ... 180
UCX20-314D1 ... 180
UCX20-315D1 ... 180
UCX20-400D1 ... 180

UEL2

UEL204D1 ... 188
UEL204-012D1 ... 188
UEL205D1 ... 188
UEL205-013D1 ... 188
UEL205-014D1 ... 188
UEL205-015D1 ... 188
UEL205-100D1 ... 188
UEL206D1 ... 188
UEL206-101D1 ... 188

UEL206-102D1 188
UEL206-103D1 188
UEL206-104D1 188
UEL207D1 188
UEL207-104D1 188
UEL207-105D1 188
UEL207-106D1 188
UEL207-107D1 188
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UEL212-206D1 188
UEL212-207D1 188
UEL213D1 188
UEL213-208D1 188
UEL214D1 188
UEL214-211D1 188
UEL214-212D1 188
UEL215D1 188
UEL215-215D1 188
UEL215-300D1 188

UEL3

UEL305D1 189
UEL305-014D1 189
UEL305-015D1 189
UEL305-100D1 189
UEL306D1 189
UEL306-102D1 189
UEL306-103D1 189
UEL307D1 189
UEL307-104D1 189
UEL307-105D1 189
UEL307-106D1 189
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UEL308D1 189
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UEL310-114D1 189
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UEL311-200D1 189
UEL311-202D1 189
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UEL312D1 189
UEL312-204D1 189
UEL312-206D1 189
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UEL314D1 189
UEL314-211D1 189
UEL314-212D1 189
UEL315D1 190
UEL315-215D1 190
UEL315-300D1 190
UEL316D1 190
UEL316-302D1 190
UEL316-303D1 190
UEL317D1 190
UEL317-304D1 190
UEL318D1 190
UEL318-307D1 190
UEL318-308D1 190
UEL319D1 190
UEL319-312D1 190
UEL320D1 190
UEL320-315D1 190
UEL320-400D1 190
UEL321D1 190
UEL322D1 190

UELC2

UELC204D1W3 169
UELC204-012D1W3 169
UELC205D1W3 169
UELC205-013D1W3 169
UELC205-014D1W3 169
UELC205-015D1W3 169
UELC205-100D1W3 169
UELC206D1W3 169
UELC206-101D1W3 169
UELC206-102D1W3 169
UELC206-103D1W3 169
UELC206-104D1W3 169
UELC207D1W3 169
UELC207-104D1W3 169
UELC207-105D1W3 169
UELC207-106D1W3 169
UELC207-107D1W3 169
UELC208D1W3 169
UELC208-108D1W3 169
UELC208-109D1W3 169
UELC209D1W3 169
UELC209-110D1W3 169
UELC209-111D1W3 169
UELC209-112D1W3 169
UELC210D1W3 169
UELC210-113D1W3 169
UELC210-114D1W3 169
UELC210-115D1W3 169
UELC210-200D1W3 169
UELC211D1W3 169
UELC211-200D1W3 169
UELC211-201D1W3 169
UELC211-202D1W3 169
UELC211-203D1W3 169
UELC212D1W3 169
UELC212-204D1W3 169
UELC212-205D1W3 169
UELC212-206D1W3 169
UELC212-207D1W3 169

UELC3

UELC305D1W3 170
UELC305-013D1W3 170
UELC305-014D1W3 170
UELC305-015D1W3 170
UELC305-100D1W3 170
UELC306D1W3 170
UELC306-101D1W3 170
UELC306-102D1W3 170
UELC306-103D1W3 170
UELC307D1W3 170
UELC307-104D1W3 170
UELC307-105D1W3 170
UELC307-106D1W3 170
UELC307-107D1W3 170
UELC308D1W3 170
UELC308-108D1W3 170
UELC308-109D1W3 170
UELC309D1W3 170
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UELC310D1W3 170
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UELC310-114D1W3 170
UELC310-115D1W3 170
UELC311D1W3 170
UELC311-200D1W3 170
UELC311-201D1W3 170
UELC311-202D1W3 170
UELC311-203D1W3 170
UELC312D1W3 170
UELC312-204D1W3 170
UELC312-205D1W3 170
UELC312-206D1W3 170
UELC312-207D1W3 170
UELC313D1W3 170
UELC313-208D1W3 170
UELC313-209D1W3 170
UELC314D1W3 171
UELC314-210D1W3 171
UELC314-211D1W3 171
UELC314-212D1W3 171
UELC315D1W3 171
UELC315-213D1W3 171
UELC315-214D1W3 171
UELC315-215D1W3 171

UELC315-300D1W3 171
UELC316D1W3 171
UELC316-301D1W3 171
UELC316-302D1W3 171
UELC316-303D1W3 171
UELC317D1W3 171
UELC317-304D1W3 171
UELC317-305D1W3 171
UELC317-307D1W3 171
UELC318D1W3 171
UELC318-307D1W3 171
UELC318-308D1W3 171
UELC319D1W3 171
UELC319-310D1W3 171
UELC319-311D1W3 171
UELC319-312D1W3 171
UELC320D1W3 171
UELC320-313D1W3 171
UELC320-314D1W3 171
UELC320-315D1W3 171
UELC320-400D1W3 171
UELC321D1W3 171
UELC322D1W3 171

UELF2

UELF204D1W3 112
UELF204-012D1W3 112
UELF205D1W3 112
UELF205-013D1W3 112
UELF205-014D1W3 112
UELF205-015D1W3 112
UELF205-100D1W3 112
UELF206D1W3 112
UELF206-101D1W3 112
UELF206-102D1W3 112
UELF206-103D1W3 112
UELF206-104D1W3 112
UELF207D1W3 112
UELF207-104D1W3 112
UELF207-105D1W3 112
UELF207-106D1W3 112
UELF207-107D1W3 112
UELF208D1W3 112
UELF208-108D1W3 112
UELF208-109D1W3 112
UELF209D1W3 112
UELF209-110D1W3 112
UELF209-111D1W3 112
UELF209-112D1W3 112
UELF210D1W3 112
UELF210-113D1W3 112
UELF210-114D1W3 112
UELF210-115D1W3 112
UELF210-200D1W3 112
UELF211D1W3 112
UELF211-200D1W3 112
UELF211-201D1W3 112
UELF211-202D1W3 112
UELF211-203D1W3 112
UELF212D1W3 112
UELF212-204D1W3 112
UELF212-206D1W3 112
UELF212-207D1W3 112
UELF213D1W3 112
UELF213-208D1W3 112
UELF214D1W3 112
UELF214-211D1W3 112
UELF214-212D1W3 112
UELF215D1W3 112
UELF215-215D1W3 112
UELF215-300D1W3 112

UELF3

UELF305D1W3 113
UELF305-014D1W3 113
UELF305-015D1W3 113
UELF305-100D1W3 113
UELF306D1W3 113
UELF306-102D1W3 113
UELF306-103D1W3 113
UELF307D1W3 113
UELF307-104D1W3 113
UELF307-105D1W3 113
UELF307-106D1W3 113
UELF307-107D1W3 113
UELF308D1W3 113
UELF308-108D1W3 113
UELF309D1W3 113
UELF309-110D1W3 113
UELF309-111D1W3 113
UELF309-112D1W3 113
UELF310D1W3 113
UELF310-114D1W3 113
UELF310-115D1W3 113
UELF311D1W3 113
UELF311-200D1W3 113
UELF311-202D1W3 113
UELF311-203D1W3 113
UELF312D1W3 113
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UELF314D1W3 113
UELF314-211D1W3 113
UELF314-212D1W3 113
UELF315D1W3 113
UELF315-215D1W3 113
UELF315-300D1W3 113
UELF316D1W3 114
UELF316-302D1W3 114
UELF316-303D1W3 114
UELF317D1W3 114
UELF317-304D1W3 114
UELF318D1W3 114
UELF318-307D1W3 114
UELF318-308D1W3 114
UELF319D1W3 114
UELF319-312D1W3 114
UELF320D1W3 114
UELF320-315D1W3 114
UELF320-400D1W3 114
UELF321D1W3 114
UELF322D1W3 114

UELFC2

UELFC204D1W3 130
UELFC204-012D1W3 130
UELFC205D1W3 130
UELFC205-013D1W3 130
UELFC205-014D1W3 130
UELFC205-015D1W3 130
UELFC205-100D1W3 130
UELFC206D1W3 130
UELFC206-110D1W3 130
UELFC206-102D1W3 130
UELFC206-103D1W3 130
UELFC206-104D1W3 130
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UELFC210-200D1W3 130
UELFC211D1W3 131
UELFC211-200D1W3 131
UELFC211-201D1W3 131
UELFC211-202D1W3 131
UELFC211-203D1W3 131
UELFC212D1W3 131
UELFC212-204D1W3 131
UELFC212-205D1W3 131
UELFC212-206D1W3 131
UELFC212-207D1W3 131
UELFC213D1W3 131
UELFC213-208D1W3 131
UELFC213-209D1W3 131
UELFC214D1W3 131
UELFC214-210D1W3 131
UELFC214-211D1W3 131
UELFC214-212D1W3 131
UELFC215D1W3 131
UELFC215-213D1W3 131
UELFC215-214D1W3 131
UELFC215-215D1W3 131
UELFC215-300D1W3 131

UELFL2
UELFL204D1 ... 85
UELFL204-012D1 ... 85
UELFL205D1 ... 85
UELFL205-013D1 ... 85
UELFL205-014D1 ... 85
UELFL205-015D1 ... 85
UELFL205-100D1 ... 85
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UELFL212D1 ... 85
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UELFL212-207D1 ... 85
UELFL213D1 ... 85
UELFL213-208D1 ... 85
UELFL214D1 ... 85
UELFL214-211D1 ... 85
UELFL214-212D1 ... 85
UELFL215D1 ... 85
UELFL215-215D1 ... 85
UELFL215-300D1 ... 85

UELFL3
UELFL305D1 ... 86
UELFL305-014D1 ... 86
UELFL305-015D1 ... 86
UELFL305-100D1 ... 86
UELFL306D1 ... 86
UELFL306-102D1 ... 86
UELFL306-103D1 ... 86
UELFL307D1 ... 86
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UELFL314-211D1 ... 87
UELFL314-212D1 ... 87
UELFL315D1 ... 87
UELFL315-215D1 ... 87
UELFL315-300D1 ... 87
UELFL316D1 ... 87
UELFL316-302D1 ... 87
UELFL316-303D1 ... 87
UELFL317D1 ... 87
UELFL317-304D1 ... 87
UELFL318D1 ... 87
UELFL318-307D1 ... 87
UELFL318-308D1 ... 87
UELFL319D1 ... 87
UELFL319-312D1 ... 87
UELFL320D1 ... 87
UELFL320-315D1 ... 87
UELFL320-400D1 ... 87
UELFL321D1 ... 87
UELFL322D1 ... 87

UELFLU
UELFLU-½M ... 34
UELFLU-9/16M ... 34
UELFLU-⅝M ... 34
UELFLU-11/16M ... 34
UELFLU-¾M ... 34
UELFLU-13/16M ... 34
UELFLU-⅞M ... 34
UELFLU-15/16M ... 34
UELFLU-1M ... 34
UELFLU-1 1/16M ... 34
UELFLU-1⅛M ... 34
UELFLU-1 3/16M ... 34
UELFLU-1¼SM ... 34
UELFLU-1¼M ... 34
UELFLU-1 5/16M ... 34
UELFLU-1⅜M ... 34
UELFLU-1 7/16M ... 34
UELFLU-1½M ... 34
UELFLU-1 9/16M ... 34
UELFLU-1⅝M ... 34
UELFLU-1 11/16M ... 34
UELFLU-1¾M ... 34
UELFLU-1 13/16M ... 34
UELFLU-1⅞M ... 34
UELFLU-1 15/16M ... 34
UELFLU-2SM ... 34
UELFLU-2M ... 34
UELFLU-2 1/16M ... 34
UELFLU-2⅛M ... 34
UELFLU-2 3/16M ... 34

UELFLU2
UELFLU204D1 ... 88
UELFLU204-012D1 ... 88
UELFLU205D1 ... 88
UELFLU205-013D1 ... 88
UELFLU205-014D1 ... 88
UELFLU205-015D1 ... 88
UELFLU205-100D1 ... 88
UELFLU206D1 ... 88
UELFLU206-101D1 ... 88
UELFLU206-102D1 ... 88
UELFLU206-103D1 ... 88
UELFLU206-104D1 ... 88
UELFLU207D1 ... 88
UELFLU207-104D1 ... 88
UELFLU207-105D1 ... 88
UELFLU207-106D1 ... 88
UELFLU207-107D1 ... 88
UELFLU208D1 ... 88
UELFLU208-108D1 ... 88
UELFLU208-109D1 ... 88
UELFLU209D1 ... 88
UELFLU209-110D1 ... 88
UELFLU209-111D1 ... 88
UELFLU209-112D1 ... 88
UELFLU210D1 ... 88
UELFLU210-113D1 ... 88
UELFLU210-114D1 ... 88
UELFLU210-115D1 ... 88
UELFLU210-200D1 ... 88
UELFLU211D1 ... 88
UELFLU211-200D1 ... 88
UELFLU211-201D1 ... 88
UELFLU211-202D1 ... 88
UELFLU211-203D1 ... 88
UELFLU212D1 ... 88
UELFLU212-204D1 ... 88
UELFLU212-206D1 ... 88
UELFLU212-207D1 ... 88
UELFLU213D1 ... 88
UELFLU213-208D1 ... 88
UELFLU214D1 ... 88
UELFLU214-211D1 ... 88
UELFLU214-212D1 ... 88
UELFLU215D1 ... 88
UELFLU215-215D1 ... 88

UELFLU215-300D1 88

UELFU

UELFU-½M 39
UELFU-9⁄16M 39
UELFU-⅝M 39
UELFU-11⁄16M 39
UELFU-¾M 39
UELFU-13⁄16M 39
UELFU-⅞M 39
UELFU-15⁄16M 39
UELFU-1M 39
UELFU-1 1⁄16M 39
UELFU-1⅛M 39
UELFU-1 3⁄16M 39
UELFU-1¼SM 39
UELFU-1¼M 39
UELFU-1 5⁄16M 39
UELFU-1⅜M 39
UELFU-1 7⁄16M 39
UELFU-1½M 39
UELFU-1 9⁄16M 39
UELFU-1⅝M 39
UELFU-1 11⁄16M 39
UELFU-1¾M 39
UELFU-1 13⁄16M 39
UELFU-1⅞M 39
UELFU-1 15⁄16M 39
UELFU-2SM 39
UELFU-2M 39
UELFU-2 1⁄16M 39
UELFU-2⅛M 39
UELFU-2 3⁄16M 39
UELFU-2¼M 39
UELFU-2 5⁄16M 39
UELFU-2⅜M 39
UELFU-2 7⁄16M 39
UELFU-2½M 39
UELFU-2 9⁄16M 39
UELFU-2⅝M 39
UELFU-2 11⁄16M 39
UELFU-2¾M 39
UELFU-2 13⁄16M 39
UELFU-2⅞M 39
UELFU-2 15⁄16M 39
UELFU-3M 39

UELFU2

UELFU204D1W3 115
UELFU204-012D1W3 115
UELFU205D1W3 115
UELFU205-013D1W3 115
UELFU205-014D1W3 115
UELFU205-015D1W3 115
UELFU205-100D1W3 115
UELFU206D1W3 115
UELFU206-101D1W3 115
UELFU206-102D1W3 115
UELFU206-103D1W3 115
UELFU206-104D1W3 115
UELFU207D1W3 115
UELFU207-104D1W3 115
UELFU207-105D1W3 115
UELFU207-106D1W3 115
UELFU207-107D1W3 115
UELFU208D1W3 115
UELFU208-108D1W3 115
UELFU208-109D1W3 115
UELFU209D1W3 115
UELFU209-110D1W3 115
UELFU209-111D1W3 115
UELFU209-112D1W3 115
UELFU210D1W3 115
UELFU210-113D1W3 115
UELFU210-114D1W3 115
UELFU210-115D1W3 115
UELFU210-200D1W3 115
UELFU211D1W3 115
UELFU211-200D1W3 115
UELFU211-201D1W3 115
UELFU211-202D1W3 115
UELFU211-203D1W3 115
UELFU212D1W3 115
UELFU212-204D1W3 115
UELFU212-206D1W3 115
UELFU212-207D1W3 115
UELFU213D1W3 115
UELFU213-208D1W3 115
UELFU214D1W3 115
UELFU214-211D1W3 115
UELFU214-212D1W3 115
UELFU215D1W3 115
UELFU215-215D1W3 115
UELFU215-300D1W3 115

UELP

UELP-½M 27
UELP-9⁄16M 27
UELP-⅝M 27
UELP-11⁄16M 27
UELP-¾M 27
UELP-13⁄16M 27
UELP-⅞M 27
UELP-15⁄16M 27
UELP-1M 27
UELP-1 1⁄16M 27
UELP-1⅛M 27
UELP-1 3⁄16M 27
UELP-1¼SM 27
UELP-1¼M 27
UELP-1 5⁄16M 27
UELP-1⅜M 27
UELP-1 7⁄16M 27
UELP-1½M 27
UELP-1 9⁄16M 27
UELP-1⅝M 27
UELP-1 11⁄16M 27
UELP-1¾M 27
UELP-1 13⁄16M 27
UELP-1⅞M 27
UELP-1 15⁄16M 27
UELP-2SM 27
UELP-2M 27
UELP-2 1⁄16M 27
UELP-2⅛M 27
UELP-2 3⁄16M 27
UELP-2¼M 27
UELP-2 5⁄16M 27
UELP-2⅜M 27
UELP-2 7⁄16M 27
UELP-2½M 27
UELP-2 9⁄16M 27
UELP-2⅝M 27
UELP-2 11⁄16M 27
UELP-2¾M 27
UELP-2 13⁄16M 27
UELP-2⅞M 27
UELP-2 15⁄16M 27
UELP-3M 27

UELP2

UELP204D1 65
UELP204-012D1 65
UELP205D1 65
UELP205-013D1 65
UELP205-014D1 65
UELP205-015D1 65
UELP205-100D1 65
UELP206D1 65
UELP206-101D1 65
UELP206-102D1 65
UELP206-103D1 65
UELP206-104D1 65
UELP207D1 65
UELP207-104D1 65
UELP207-105D1 65
UELP207-106D1 65
UELP207-107D1 65
UELP208D1 65
UELP208-108D1 65
UELP208-109D1 65
UELP209D1 65
UELP209-110D1 65
UELP209-111D1 65
UELP209-112D1 65
UELP210D1 65
UELP210-113D1 65
UELP210-114D1 65
UELP210-115D1 65
UELP210-200D1 65
UELP211D1 65
UELP211-200D1 65
UELP211-201D1 65
UELP211-202D1 65
UELP211-203D1 65
UELP212D1 65
UELP212-204D1 65
UELP212-206D1 65
UELP212-207D1 65
UELP213D1 65

UELP213-208D1 65
UELP214D1 65
UELP214-211D1 65
UELP214-212D1 65
UELP215D1 65
UELP215-215D1 65
UELP215-300D1 65

UELP3
UELP305D1 67
UELP305-014D1 67
UELP305-015D1 67
UELP305-100D1 67
UELP306D1 67
UELP306-102D1 67
UELP306-103D1 67
UELP307D1 67
UELP307-104D1 67
UELP307-105D1 67
UELP307-106D1 67
UELP307-107D1 67
UELP308D1 67
UELP308-108D1 67
UELP309D1 67
UELP309-110D1 67
UELP309-111D1 67
UELP309-112D1 67
UELP310D1 67
UELP310-114D1 67
UELP310-115D1 67
UELP311D1 67
UELP311-200D1 67
UELP311-202D1 67
UELP311-203D1 67
UELP312D1 67
UELP312-204D1 67
UELP312-206D1 67
UELP312-207D1 67
UELP313D1 67
UELP313-208D1 67
UELP314D1 68
UELP314-211D1 68
UELP314-212D1 68
UELP315D1 68
UELP315-215D1 68
UELP315-300D1 68
UELP316D1 68
UELP316-302D1 68
UELP316-303D1 68
UELP317D1 68
UELP317-304D1 68
UELP318D1 68
UELP318-307D1 68
UELP318-308D1 68
UELP319D1 68
UELP319-312D1 68
UELP320D1 68
UELP320-315D1 68
UELP320-400D1 68
UELP321D1 68
UELP322D1 68

UELPL
UELPL-½M 28
UELPL-9/16M 28
UELPL-⅝M 28
UELPL-11/16M 28
UELPL-¾M 28
UELPL-13/16M 28
UELPL-⅞M 28
UELPL-15/16M 28
UELPL-1M 28
UELPL-1 1/16M 28
UELPL-1⅛M 28
UELPL-1 3/16M 28
UELPL-1¼SM 28
UELPL-1¼M 28
UELPL-1 5/16M 28
UELPL-1⅜M 28
UELPL-1 7/16M 28
UELPL-1½M 28
UELPL-1 9/16M 28
UELPL-1⅝M 28
UELPL-1 11/16M 28
UELPL-1¾M 28
UELPL-1 13/16M 28
UELPL-1⅞M 28
UELPL-1 15/16M 28
UELPL-2SM 28
UELPL-2M 28
UELPL-2 1/16M 28
UELPL-2 1/8M 28
UELPL-2 3/16M 28
UELPL-2¼M 28
UELPL-2 5/16M 28
UELPL-2⅜M 28
UELPL-2 7/16M 28
UELPL-2½M 28
UELPL-2 9/16M 28
UELPL-2⅝M 28
UELPL-2 11/16M 28
UELPL-2¾M 28
UELPL-2 13/16M 28
UELPL-2⅞M 28
UELPL-2 15/16M 28
UELPL-3M 28

UELPL2
UELPL204D1 66
UELPL204-012D1 66
UELPL205D1 66
UELPL205-013D1 66
UELPL205-014D1 66
UELPL205-015D1 66
UELPL205-100D1 66
UELPL206D1 66
UELPL206-101D1 66
UELPL206-102D1 66
UELPL206-103D1 66
UELPL206-104D1 66
UELPL207D1 66
UELPL207-104D1 66
UELPL207-105D1 66
UELPL207-106D1 66
UELPL207-107D1 66
UELPL209D1 66
UELPL209-110D1 66
UELPL209-111D1 66
UELPL209-112D1 66
UELPL210D1 66
UELPL210-113D1 66
UELPL210-114D1 66
UELPL210-115D1 66
UELPL210-200D1 66

UELS2
UELS204LD1NW3 192
UELS204-012LD1NW3 192
UELS205LD1NW3 192
UELS205-013LD1NW3 192
UELS205-014LD1NW3 192
UELS205-015LD1NW3 192
UELS205-100LD1NW3 192
UELS206LD1NW3 192
UELS206-101LD1NW3 192
UELS206-102LD1NW3 192
UELS206-103LD1NW3 192
UELS206-104LD1NW3 192
UELS207LD1NW3 192
UELS207-104LD1NW3 192
UELS207-105LD1NW3 192
UELS207-106LD1NW3 192
UELS207-107LD1NW3 192
UELS208LD1NW3 192
UELS208-108LD1NW3 192
UELS208-109LD1NW3 192
UELS209LD1NW3 192
UELS209-110LD1NW3 192
UELS209-111LD1NW3 192
UELS209-112LD1NW3 192
UELS210LD1NW3 192
UELS210-113LD1NW3 192
UELS210-114LD1NW3 192
UELS210-115LD1NW3 192
UELS210-200LD1NW3 192
UELS211LD1NW3 192
UELS211-200LD1NW3 192
UELS211-201LD1NW3 192
UELS211-202LD1NW3 192
UELS211-203LD1NW3 192
UELS212LD1NW3 192
UELS212-204LD1NW3 192
UELS212-205LD1NW3 192
UELS212-206LD1NW3 192
UELS212-207LD1NW3 192

UELT2
UELT204D1W3 148
UELT204-012D1W3 148
UELT205D1W3 148

UELT205-013D1W3 148
UELT205-014D1W3 148
UELT205-015D1W3 148
UELT205-100D1W3 148
UELT206D1W3 148
UELT206-101D1W3 148
UELT206-102D1W3 148
UELT206-103D1W3 148
UELT206-104D1W3 148
UELT207D1W3 148
UELT207-104D1W3 148
UELT207-105D1W3 148
UELT207-106D1W3 148
UELT207-107D1W3 148
UELT208D1W3 148
UELT208-108D1W3 148
UELT208-109D1W3 148
UELT209D1W3 148
UELT209-110D1W3 148
UELT209-111D1W3 148
UELT209-112D1W3 148
UELT210D1W3 148
UELT210-113D1W3 148
UELT210-114D1W3 148
UELT210-115D1W3 148
UELT210-200D1W3 148

UELT3

UELT305D1W3 152
UELT305-013D1W3 152
UELT305-014D1W3 152
UELT305-015D1W3 152
UELT305-100D1W3 152
UELT306D1W3 152
UELT306-101D1W3 152
UELT306-102D1W3 152
UELT306-103D1W3 152
UELT307D1W3 152
UELT307-104D1W3 152
UELT307-105D1W3 152
UELT307-106D1W3 152
UELT307-107D1W3 152
UELT308D1W3 152
UELT308-108D1W3 152
UELT308-109D1W3 152
UELT309D1W3 152
UELT309-110D1W3 152
UELT309-111D1W3 152
UELT309-112D1W3 152
UELT310D1W3 152
UELT310-113D1W3 152
UELT310-114D1W3 152
UELT310-115D1W3 152
UELT311D1W3 152
UELT311-200D1W3 152
UELT311-201D1W3 152
UELT311-202D1W3 152
UELT311-203D1W3 152
UELT312D1W3 152
UELT312-204D1W3 152
UELT312-205D1W3 152
UELT312-206D1W3 152
UELT312-207D1W3 152
UELT313D1W3 152
UELT313-208D1W3 152
UELT313-209D1W3 152
UELT314D1W3 154
UELT314-210D1W3 154
UELT314-211D1W3 154
UELT314-212D1W3 154
UELT315D1W3 154
UELT315-213D1W3 154
UELT315-214D1W3 154
UELT315-215D1W3 154
UELT315-300D1W3 154
UELT316D1W3 154
UELT316-301D1W3 154
UELT316-302D1W3 154
UELT316-303D1W3 154
UELT317D1W3 154
UELT317-304D1W3 154
UELT317-305D1W3 154
UELT317-307D1W3 154
UELT318D1W3 154
UELT318-307D1W3 154
UELT318-308D1W3 154
UELT319D1W3 154
UELT319-310D1W3 154
UELT319-311D1W3 154
UELT319-312D1W3 154
UELT320D1W3 154
UELT320-313D1W3 154
UELT320-314D1W3 154
UELT320-315D1W3 154
UELT320-400D1W3 154
UELT321D1W3 154
UELT322D1W3 154

UELUP2

UELUP204D1W3 69
UELUP204-012D1W3 69
UELUP205D1W3 69
UELUP205-013D1W3 69
UELUP205-014D1W3 69
UELUP205-015D1W3 69
UELUP205-100D1W3 69
UELUP206D1W3 69
UELUP206-101D1W3 69
UELUP206-102D1W3 69
UELUP206-103D1W3 69
UELUP206-104D1W3 69
UELUP207D1W3 69
UELUP207-104D1W3 69
UELUP207-105D1W3 69
UELUP207-106D1W3 69
UELUP207-107D1W3 69
UELUP208D1W3 69
UELUP208-108D1W3 69
UELUP208-109D1W3 69
UELUP209D1W3 69
UELUP209-110D1W3 69
UELUP209-111D1W3 69
UELUP209-112D1W3 69
UELUP210D1W3 69
UELUP210-113D1W3 69
UELUP210-114D1W3 69
UELUP210-115D1W3 69
UELUP210-200D1W3 69

UK2

UK205D1 ; H2305X 198
UK205D1 ; HE2305 198
UK206D1 ; H2306X 198
UK206D1 ; HS2306 198
UK206D1 ; HE2306X 198
UK207D1 ; H2307X 198
UK207D1 ; HS2307 198
UK208D1 ; H2308X 198
UK208D1 ; HE2308X 198
UK208D1 ; HS2308X 198
UK209D1 ; H2309X 198
UK209D1 ; HA2309 198
UK209D1 ; HE2309X 198
UK209D1 ; HS2309X 198
UK210D1 ; H2310X 198
UK210D1 ; HS2310 198
UK210D1 ; HA2310 198
UK210D1 ; HE2310X 198
UK211D1 ; H2311X 198
UK211D1 ; HS2311 198
UK211D1 ; HA2311 198
UK211D1 ; HE2311XY 198
UK212D1 ; H2312X 198
UK212D1 ; HS2312X 198
UK213D1 ; H2313X 198
UK213D1 ; HA2313 198
UK213D1 ; HE2313 198
UK213D1 ; HS2313 198
UK215D1 ; H2315X 198
UK215D1 ; HA2315 198
UK215D1 ; HE2315 198
UK216D1 ; H 2316X 198
UK216D1 ; HA2316 198
UK216D1 ; HE2316 198
UK217D1 ; H2317X 198
UK217D1 ; HA2317 198
UK217D1 ; HE2317 198
UK218D1 ; H2318X 198
UK218D1 ; HA2318 198

UKC2

UKC205D1 ; H2305X 172
UKC205D1 ; HE2305 172
UKC206D1 ; H2306X 172
UKC206D1 ; HS2306 172
UKC206D1 ; HE2306X 172
UKC207D1 ; H2307X 172
UKC207D1 ; HS2307 172
UKC208D1 ; H2308X 172
UKC208D1 ; HE2308X 172

UKC208D1 ; HS2308X 172
UKC209D1 ; H2309X 172
UKC209D1 ; HA2309 172
UKC209D1 ; HE2309X 172
UKC209D1 ; HS2309X 172
UKC210D1 ; H2310X 172
UKC210D1 ; HS2310 172
UKC210D1 ; HA2310 172
UKC210D1 ; HE2310X 172
UKC211D1 ; H2311X 172
UKC211D1 ; HS2311 172
UKC211D1 ; HA2311 172
UKC211D1 ; HE2311XY 172
UKC212D1 ; H2312X 172
UKC212D1 ; HS2312 172
UKC213D1 ; H2313X 172
UKC213D1 ; HA2313 172
UKC213D1 ; HE2313X 172
UKC213D1 ; HS2313X 172

UKC3

UKC305D1 ; H2305X 173
UKC305D1 ; HE2305 173
UKC306D1 ; H2306X 173
UKC306D1 ; HS2306 173
UKC306D1 ; HE2306X 173
UKC307D1 ; H2307X 173
UKC307D1 ; HS2307 173
UKC308D1 ; H2308X 173
UKC308D1 ; HE2308X 173
UKC308D1 ; HS2308X 173
UKC309D1 ; H2309X 173
UKC309D1 ; HA2309 173
UKC309D1 ; HE2309X 173
UKC309D1 ; HS2309X 173
UKC310D1 ; H2310X 173
UKC310D1 ; HS2310 173
UKC310D1 ; HA2310 173
UKC310D1 ; HE2310X 173
UKC311D1 ; H2311X 173
UKC311D1 ; HS2311 173
UKC311D1 ; HA2311 173
UKC311D1 ; HE2311XY 173
UKC312D1 ; H2312X 173
UKC312D1 ; HS2312 173
UKC313D1 ; H2313X 173
UKC313D1 ; HA2313 173
UKC313D1 ; HE2313X 173
UKC313D1 ; HS2313X 173
UKC315D1 ; H2315X 173
UKC315D1 ; HA2315 173
UKC315D1 ; HE2315X 173
UKC316D1 ; H2316X 174
UKC316D1 ; HA2316 174
UKC316D1 ; HE2316X 174
UKC317D1 ; H2317X 174
UKC317D1 ; HA2317X 174
UKC317D1 ; HE2317X 174
UKC318D1 ; H2318X 174
UKC318D1 ; HA2318X 174
UKC319D1 ; H2319X 174
UKC319D1 ; HE2319X 174
UKC320D1 ; H2320X 174
UKC320D1 ; HA2320 174
UKC320D1 ; HE2320X 174
UKC322D1 ; H2322X 174
UKC324D1 ; H2324X 174
UKC326D1 ; H2326 174
UKC328D1 ; H2328 174

UKF2

UKF205D1 ; H2305X 116
UKF205D1 ; HE2305 116
UKF206D1 ; H2306X 116
UKF206D1 ; HS2306 116
UKF206D1 ; HE2306X 116
UKF207D1 ; H2307X 116
UKF207D1 ; HS2307 116
UKF208D1 ; HE2308X 116
UKF208D1 ; H2308X 116
UKF208D1 ; HS2308X 116
UKF209D1 ; H2309X 116
UKF209D1 ; HA2309 116
UKF209D1 ; HE2309X 116
UKF209D1 ; HS2309X 116
UKF210D1 ; H2310X 116
UKF210D1 ; HS2310 116
UKF210D1 ; HA2310 116
UKF210D1 ; HE2310X 116
UKF211D1 ; H2311X 116
UKF211D1 ; HS2311 116
UKF211D1 ; HA2311 116
UKF211D1 ; HE2311XY 116
UKF212D1 ; H2312X 116
UKF212D1 ; HS2312 116
UKF213D1 ; H2313X 116
UKF213D1 ; HA2313 116
UKF213D1 ; HE2313 116
UKF213D1 ; HS2313 116
UKF215D1 ; H2315X 116
UKF215D1 ; HA2315 116
UKF215D1 ; HE2315 116
UKF216D1 ; H2316X 116
UKF216D1 ; HA2316 116
UKF216D1 ; HE2316 116
UKF217D1 ; H2317X 116
UKF217D1 ; HA2317 116
UKF217D1 ; HE2317 116
UKF218D1 ; H2318X 116
UKF218D1 ; HA2318 116

UKFC2

UKFC205D1 ; H2305X 134
UKFC205D1 ; HE2305 134
UKFC206D1 ; H2306X 134
UKFC206D1 ; HS2306 134
UKFC206D1 ; HE2306X 134
UKFC207D1 ; H2307X 134
UKFC207D1 ; HS2307 134
UKFC208D1 ; H2308X 134
UKFC208D1 ; HE2308X 134
UKFC208D1 ; HS2308X 134
UKFC209D1 ; H2309X 134
UKFC209D1 ; HA2309 134
UKFC209D1 ; HE2309X 134
UKFC209D1 ; HS2309X 134
UKFC210D1 ; H2310X 134
UKFC210D1 ; HS2310 134
UKFC210D1 ; HA2310 134
UKFC210D1 ; HE2310X 134
UKFC211D1 ; H2311X 134
UKFC211D1 ; HS2311 134
UKFC211D1 ; HA2311 134
UKFC211D1 ; HE2311XY 134
UKFC212D1 ; H2312X 134
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UKFC213D1 ; H2313X 134
UKFC213D1 ; HA2313 134
UKFC213D1 ; HE2313X 134
UKFC213D1 ; HS2313X 134
UKFC215D1 ; H2315X 134
UKFC215D1 ; HA2315 134
UKFC215D1 ; HE2315X 134
UKFC216 D1 ; H2316X 134
UKFC216D1 ; HA2316 134
UKFC216D1 ; HE2316X 134
UKFC217D1 ; H2317X 134
UKFC217D1 ; HA2317X 134
UKFC217D1 ; HE2317X 134
UKFC218D1 ; H2318X 134
UKFC218D1 ; HA2318X 134

UKFL2

UKFL205D1 ; H2305X 96
UKFL205D1 ; HE2305 96
UKFL206D1 ; H2306X 96
UKFL206D1 ; HS2306 96
UKFL206D1 ; HE2306X 96
UKFL207D1 ; H2307X 96
UKFL207D1 ; HS2307 96
UKFL208D1 ; H2308X 96
UKFL208D1 ; HE2308X 96
UKFL208D1 ; HS2308X 96
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UKFL209D1 ; HA2309 96
UKFL209D1 ; HE2309X 96
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UKFL210D1 ; H2310X 96
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UKFL210D1 ; HE2310X 96
UKFL211D1 ; H2311X 96
UKFL211D1 ; HS2311 96
UKFL211D1 ; HA2311 96
UKFL211D1 ; HE2311XY 96
UKFL212D1 ; H2312X 98
UKFL212D1 ; HS2312 98
UKFL213D1 ; H2313X 98
UKFL213D1 ; HA2313 98
UKFL213D1 ; HE2313X 98

UKFL213D1 ; HS2313X 98
UKFL215D1 ; H2315X 98
UKFL215D1 ; HA2315 98
UKFL215D1 ; HE2315X 98
UKFL216D1 ; H2316X 98
UKFL216D1 ; HA2316 98
UKFL216D1 ; HE2316X 98
UKFL217D1 ; H2317X 98
UKFL217D1 ; HA2317X 98
UKFL217D1 ; HE2317X 98
UKFL218D1 ; H2318X 98
UKFL218D1 ; HA2318X 98

UKP2

UKP205D1 ; H2305X 75
UKP205D1 ; HE2305 75
UKP206D1 ; H2306X 75
UKP206D1 ; HS2306 75
UKP206D1 ; HE2306X 75
UKP207D1 ; H2307X 75
UKP207D1 ; HS2307 75
UKP208D1 ; H2308X 75
UKP208D1 ; HE2308 75
UKP208D1 ; HS2308X 75
UKP209D1 ; H2309X 75
UKP209D1 ; HA2309 75
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UKP210D1 ; H2310X 75
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UKP211D1 ; HS2311 75
UKP211D1 ; HA2311 75
UKP211D1 ; HE2311XY 75
UKP212D1 ; H2312X 75
UKP212D1 ; HS2312 75
UKP213D1 ; H2313X 75
UKP213D1 ; HA2313 75
UKP213D1 ; HE2313 75
UKP213D1 ; HS2313 75
UKP215D1 ; H2315X 75
UKP215D1 ; HA2315 75
UKP215D1 ; HE2315 75
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UKP216D1 ; HA2316 75
UKP216D1 ; HE2316 75
UKP217D1 ; H2317X 75
UKP217D1 ; HA2317 75
UKP217D1 ; HE2317 75
UKP218D1 ; H2318X 75
UKP218D1 ; HA2318 75

UKT2

UKT205D1 ; H2305X 156
UKT205D1 ; HE2305 156
UKT206D1 ; H2306X 156
UKT206D1 ; HS2306 156
UKT206D1 ; HE2306X 156
UKT207D1 ; H2307X 156
UKT207D1 ; HS2307 156
UKT208D1 ; H2308X 156
UKT208D1 ; HE2308X 156
UKT208D1 ; HS2308X 156
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UKT210D1 ; HE2310X 156
UKT211D1 ; H2311X 156
UKT211D1 ; HS2311 156
UKT211D1 ; HA2311 156
UKT211D1 ; HE2311XY 156
UKT212D1 ; H2312X 158
UKT212D1 ; HS2312 158
UKT213D1 ; H2313X 158
UKT213D1 ; HA2313 158
UKT213D1 ; HE2313X 158
UKT213D1 ; HS2313X 158
UKT215D1 ; H2315X 158
UKT215D1 ; HA2315 158
UKT215D1 ; HE2315X 158
UKT216D1 ; H2316X 158
UKT216D1 ; HA2316 158
UKT216D1 ; HE2316X 158
UKT217D1 ; H2317X 158
UKT217D1 ; HA2317X 158
UKT217D1 ; HE2317X 158

W

W05 258
W06 258
W07 258
W08 258
W09 258
W10 258
W11 258
W12 258

W13 258
W14 258
W15 258
W16 258
W17 258
W18 258
W19 258
W20 258
W21 258
W22 258
W24 258
W26 258
W28 258
W30 258
W32 258
W34 258
W36 258
W38 258
W40 258
W44 258

ZUC
ZUC204 220
ZUC204-12 220
ZUC205 220
ZUC205-16 220
ZUC206 220
ZUC206-19 220
ZUC206-20 220
ZUC207 220
ZUC207-20 220
ZUC207-22 220
ZUC207-23 220
ZUC208 220
ZUC208-24 220

ZUCFBL
ZUCFBL204 207
ZUCFBL204-12 207
ZUCFBL205 207
ZUCFBL205-16 207
ZUCFBL206 207
ZUCFBL206-18 207
ZUCFBL206-19 207
ZUCFBL206-20 207
ZUCFBL207 207
ZUCFBL207-20 207
ZUCFBL207-22 207
ZUCFBL207-23 207
ZUCFBL208 207
ZUCFBL208-24 207

ZUCFPL
ZUCFPL204 203
ZUCFPL204-12 203
ZUCFPL205 203
ZUCFPL205-16 203
ZUCFPL206 203
ZUCFPL206-18 203
ZUCFPL206-19 203
ZUCFPL206-20 203
ZUCFPL207 203
ZUCFPL207-20 203
ZUCFPL207-22 203
ZUCFPL207-23 203
ZUCFPL208 203
ZUCFPL208-24 203

ZUCNFL
ZUCNFL204 205
ZUCNFL204-12 205
ZUCNFL205 205
ZUCNFL205-16 205
ZUCNFL206 205
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ZUCNFL206-20 205
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ZUCNFL208 205
ZUCNFL208-24 205

ZUCPPL
ZUCPPL204 201
ZUCPPL204-12 201
ZUCPPL205 201
ZUCPPL205-16 201
ZUCPPL206 201
ZUCPPL206-18 201
ZUCPPL206-19 201
ZUCPPL206-20 201
ZUCPPL207 201
ZUCPPL207-20 201
ZUCPPL207-22 201
ZUCPPL207-23 201
ZUCPPL208 201
ZUCPPL208-24 201

NTN's DOL



DOL (Distributor On-Line) is your one-stop e-shop

DOL is so much more than just an online ordering site. Available when and where you need it, consider it to be your personalized NTN store – complete with your account-specific pricing, ordering templates, customer service contact information, order tracking, and full visibility into NTN's aftermarket inventory. And it's all easily accessible and manageable from your computer or mobile device.

Place orders easier
Create an order with the Order Pad function, or upload a spreadsheet with the products you need using Order Uploader, or manage your Shopping Cart (or multiple carts!) to create an ongoing Stocking Order template. Once a part is selected, the LIVE inventory availability, customer-specific pricing, and desired packaging options are shown in the Shopping Cart. With the multiple shopping cart feature, you can have more than one order open at a time – and you can name each order so you can keep your orders straight. This helps you manage heavy customer loads so you can still answer the phone, take new orders, or handle any last minute tasks while keeping all your current orders straight.

Multiple Look Ups
Users can look up parts by NTN part number, by competitive part number or OE part number. The Autocorrect function helps direct to the correct number needed. Also, users can find the correct part by entering dimensions and specification in the Build-A-Bearing function.

Control and track orders
Select the best method of shipping for each order, control request dates and shipping schedules, and view your account's sales history. Plus, see when an order was shipped, what location it was shipped from, and when it is expected to arrive.

"Build a Bearing" function
Know the dimensions of the part you need but not the part number? This feature lets you enter the information that you do have and then generates a part that fits your description.

Quickly connect with your customer service representative
On DOL, your account-specific Sales and Customer Service representatives contact information is easily accessible.

Stay up-to-date
Be the first to know about promotional pricing, new product introductions, and product updates.

Register to get set up on DOL today!

If you are an authorized NTN distributor, there are two ways you can register: Go online to NTNamericas.com, and click on the "US Distributor Online" link at the bottom of the page; or go directly to NTNDOL.com and click on the new user sign up link and complete the brief form. Then, your user name and password will be emailed to you.



GLOBAL PRESENCE, LOCAL PARTNER

Founded in 1918, NTN Corporation operates more than seventy plants worldwide and is the third largest bearing manufacturer in the world. We operate eleven plants in North America, and over 80% of the products sold in the United States are produced here. Our expansive distribution network ensures that the products you need are available when you need them.

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محرک چرخش

تأمین‌کننده تخصصی بلبرینگ و رولبرینگ

BEARINGS · SEALS · BELTS · POWER TRANSMISSION

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تماس با کارشناس فروش

مشاهده محصولات در سایت

برای استعلام قیمت، اعلام موجودی و ثبت سفارش تکی و عمده یاتاقان NTN با کارشناسان محرک چرخش تماس بگیرید.

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