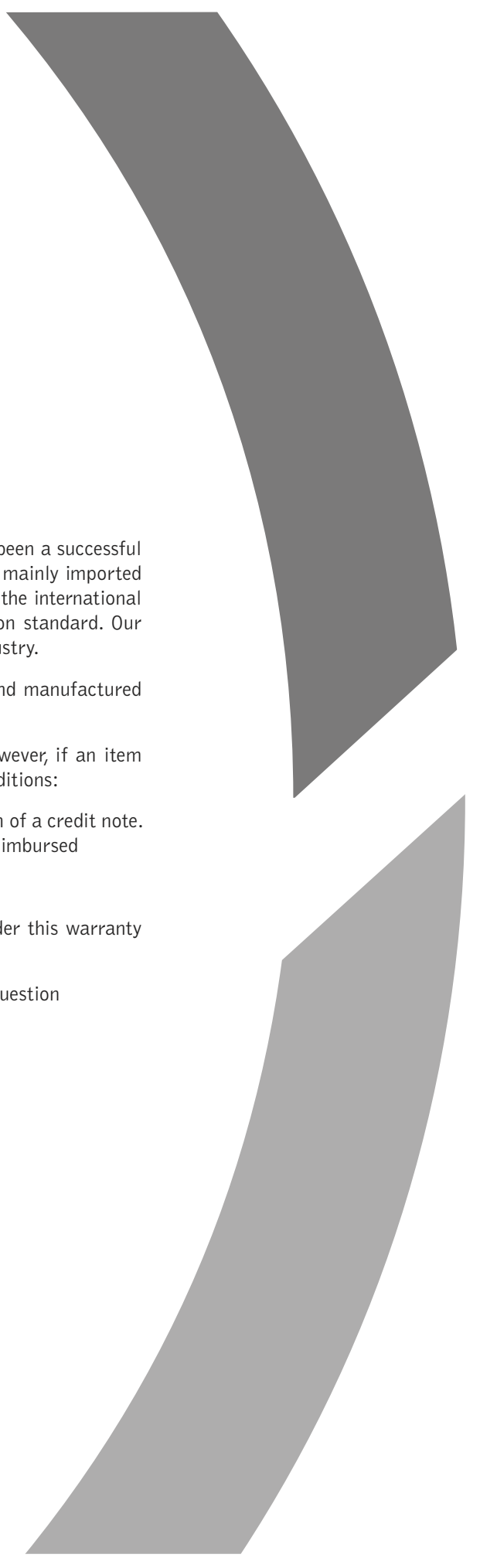




Our Warranty, Your Satisfaction.

Since 2001, GRB Bearings, a 100% Canadian family owned company, has been a successful bearing supplier to distributors and OEMs across Canada. Our bearings are mainly imported from carefully selected manufacturers in China, and are made according to the international "ISO" quality control system, and under the minimum "ABEC 1" precision standard. Our confidence in our product is such, that we offer the best warranty in the industry.

If you are not totally satisfied with the quality of the bearings imported and manufactured under license for GRB, we will take them back (some conditions apply).

We are making it our duty to offer quality products to our customers; however, if an item happens to be defective, we will replace the product under the following conditions:

- The warranty is limited to the replacement or, at our discretion, the emission of a credit note. No other claims such as labour, loss or damage will be accepted and/or reimbursed
- The warranty is limited to 90 days from date of invoice
- Abusive usage, improper installation and/or inadequate maintenance render this warranty null and void
- GRB reserves the right to verify the proper installation of the material in question
- All parts must be returned prepaid to GRB



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Force Majeure

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Disclaimer

We've taken the greatest care to insure the accuracy of the information contained in this catalog but GRB will not accept liability for any errors or omissions. Products presented in this catalog are not necessarily available from stock. Please contact GRB's sales representative for availability. The structure and technical data shown in this catalog are those being used at the time of publication and GRB reserves the right to make changes without notice. The information listed in this catalog is for reference only. Rest assured that any comment and suggestion will be considered with great care.

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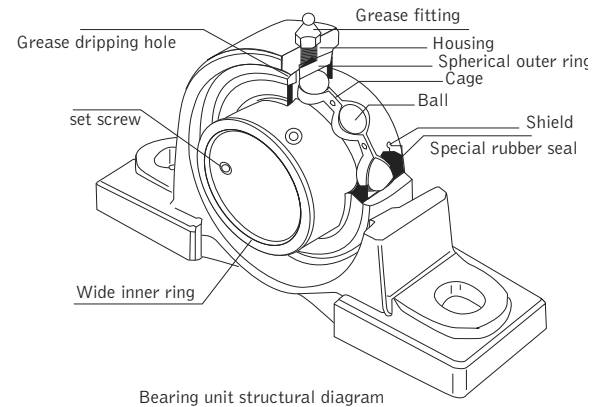
Technical Section

Housings Inserts		Cast Iron Units								
		P - PX	PE	LP	PA - TB	F - FX - FU	FL - FLU - FT	LF	FD - FW	C
	UC UCX	UCP UCPX	UCPE		UCPA UCTB	UCF UCFX	UCFL UCFT			UCC
	UK	UKP	UKPE		UKPA UKTB	UKF	UKFL UKFT			UKC
	SA SA-G	SAP SAP-G		SALP SALP-G				SALF - G	SAFD SAFW	
	SB SB-G	SBP SBP-G		SBLP SBLP-G				SBLF - G	SBFD SBFW	
	HC	HCP	HCPE		HCPA HCTB	HCFU	HCFLU			HCC
	GC	GCP	GCPE		GCPA GCTB	GCF	GCFL GCFT			GCC

HOUSINGS INSERTS		Cast Iron Units				Malleable Ductile Units		Pressed Steel Units		
		FC	T - ST	FB - FK	HA	FCT	PFTD	PP	PFL	PF
	UC UCX	UCFC	UCT UCST	UCFB UCFK	UCHA					
	UK	UKFC	UKT UKST	UKFB UKFK	UKHA					
	SA SA-G					SAFCT	SAPFTD	SAPP	SAPFL	SAPF
	SB SB-G					SBFCT	SBPFTD	SBPP	SBPFL	SBPF
	HC	HCFC	HCT HCST	HCFB HCFK	HCHA					
	GC	GCFC	GCT GCST	GCFB GCFK	GCHA					

The following pages will show many mounting arrangements of bearings with their housing. Essentially, a mounted unit consists of a double sealed ball bearing mounted in a cast iron or pressed steel housing.

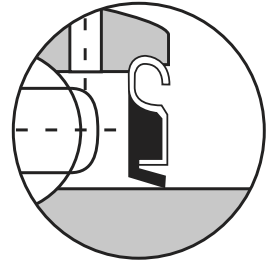
The outer ring of the bearing is spherical and fits in a machined housing, permitting self alignment between the two members, thus compensating for misalignment of the units resulting from errors during mounting and distortions of the foundation.



Single Seals

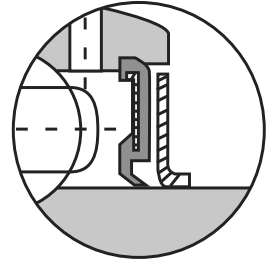
Single Seals

Light duty inserts of series SA, CSA, SB and CSB are equipped with these seals, consisting of a single lip rubber seal bonded to a metal shield.



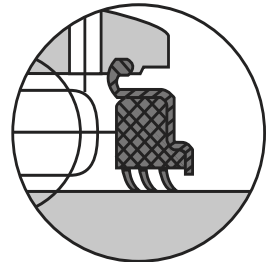
Dual Seals

As a standard, GRB stocks normal duty inserts with dual seals, consisting of a slinger attached to the inner ring, and a single lip rubber seal attached to the outer ring. As the inner ring rotates, foreign matter is evacuated away from the rubber seal.



Triple Seals

As an option, we offer inserts equipped with triple lip seals for applications where much dust is present such as in some agricultural machinery.



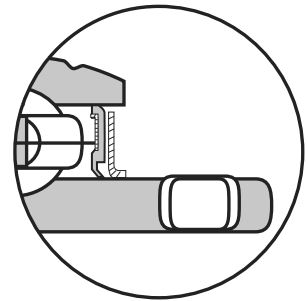


Recommended Tightening Torque of Set Screw

Bearing no.		Set Screw	Torque Nm	Torque in/lbs
SB 201-203		M5 x 0.08 10-32	3.4	30.09
UC & SER 204-206	UC 305 - 306	M6 X 1 1/4-28 UNF	5.4	47.8
UC & SER 207-209	UC 307	M8 X 1 5/16-24 UNF	11.3	100
UC & SER 210-212	UC 308 - 309	M10 X 1.25 3/8-24 UNF	21.6	191.2
UC & SER 213 - 218	UC 310 - 313	M12 X 1-1/2 7/16-20 UNF	32.4	286.8
—	UC 314 - 315	M14 X 1-1/2 9/16-18 UNF	41.2	364.7

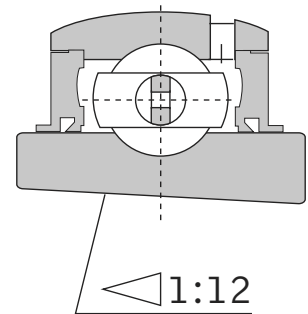
Locking Systems

Set Screw Type. Two setscrews at 120° are fastened on the shaft. The most popular system, it permits rotation in both directions.



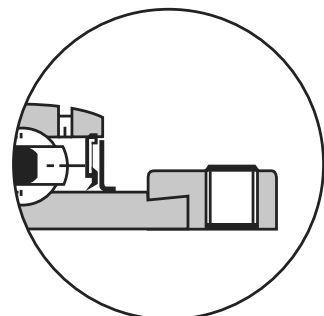
Adapter Style

In this system, the inner ring diameter of the bearing has a taper of 1:12. A corresponding tapered adapter is fitted, and the nut is tightened by hand, then rotated by 2/5 to 3/5 revolutions with a spanner, assuring good concentricity.



Eccentric Collar

The collar must be tightened in the direction of shaft rotation. This system is not recommended in applications where rotation is reversed.

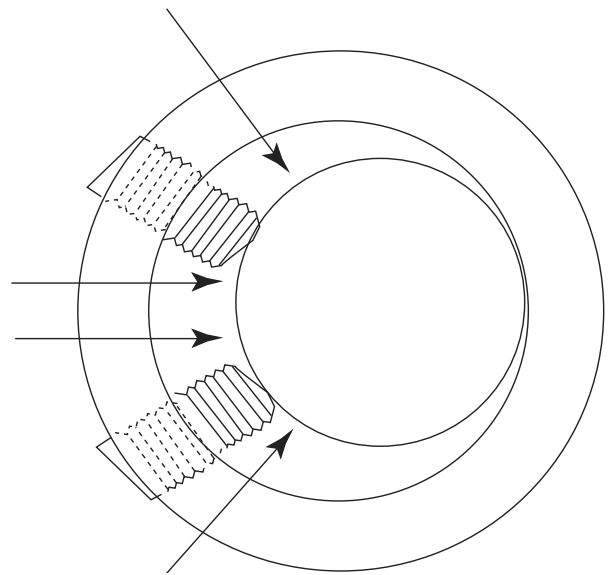
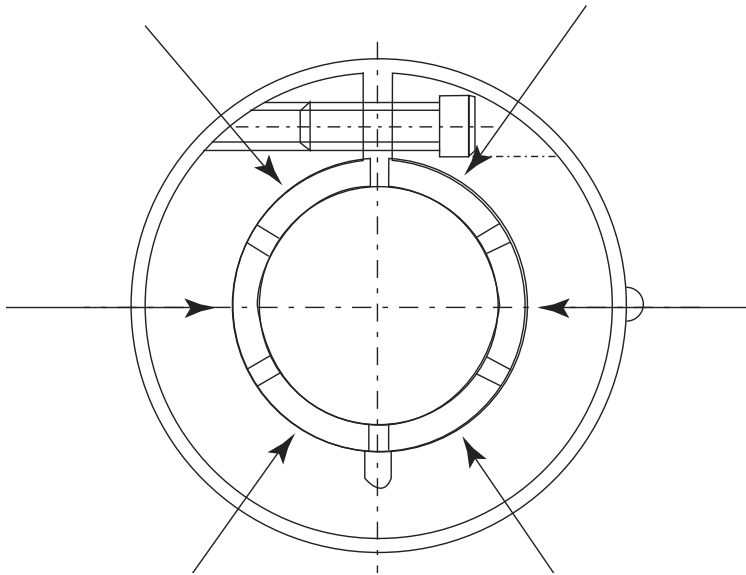
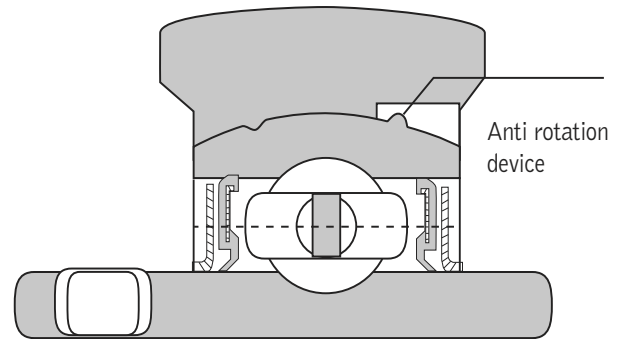




This system will provide the same near perfect concentricity achieved with the tapered adapter, with fewer parts. Only one cap screw tightens the inner race extension around the shaft. In higher speed applications such as fans and blowers, annoying vibrations are virtually eliminated. This system does not mar the shaft and allows rotation in both directions.

Anti Rotation Device

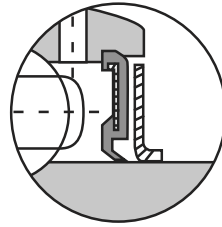
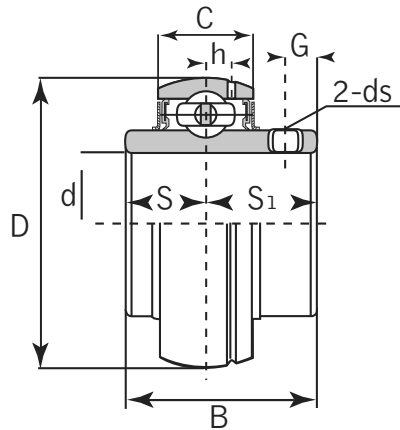
Bearing inserts are equipped with a locking pin to prevent the outer ring from rotating in the housing. This feature may save the housing if the bearing jams.



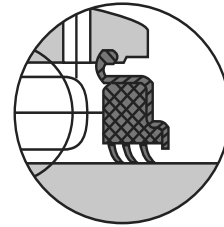


Bearing Insert

Set Screw Series - Normal Duty



Dual Seal



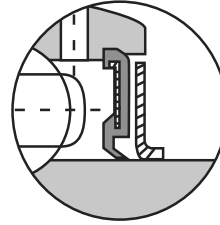
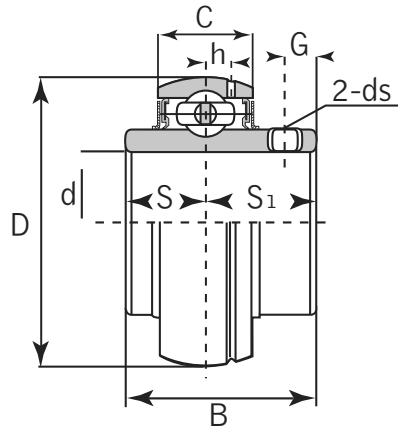
Triple Seal optional

UC

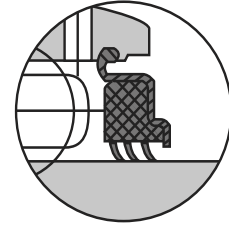
Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Basic Load Rating lbf / N		Weight	
	d	D	B	C	S	S1	G	h	ds	Dynamic	Static	kg	lbs
UC 201	12 mm	1.8504 47	1.2205 31	0.6693 17	0.500 12.7	0.720 18.3	0.1850 4.7	0.1378 3.5	1/4-28UNF M6x1	2878 12800	1495 6650	0.21	0.46
201-8	1/2											0.20	0.44
202	15 mm											0.19	0.42
202-9	9/16											0.19	0.42
202-10	5/8											0.19	0.42
203	17 mm											0.18	0.40
203-11	11/16											0.18	0.40
204	20 mm											0.16	0.35
204-12	3/4	0.17	0.37										
UC 205	25 mm	2.0472 52	1.3425 34.1	0.6693 17	0.5630 14.3	0.780 19.8	0.1969 5	0.1653 4.2	1/4-28UNF M6x1	3152 14020	1771 7880	0.22	0.48
205-14	7/8											0.20	0.44
205-15	15/16											0.19	0.42
205-16	1											0.19	0.42
UC 206	30 mm	2.4409 62	1.500 38.1	0.7480 19	0.6260 15.9	0.8740 22.2	0.1969 5	0.1969 5	1/4-28 UNF M6 X 1	4375 19460	2542 11310	0.34	0.75
206-17	1-1/16											0.31	0.68
206-18	1-1/8											0.32	0.70
206-19	1-3/16											0.32	0.70
206-20	1-1/4											0.31	0.68
UC 207	35 mm	2.8346 72	1.6890 42.9	0.7874 20	0.6890 17.5	1.000 25.4	0.2360 6	0.2244 5.7	1/4-28 UNF M8x1	5771 25670	3439 15300	0.52	1.14
207-20	1-1/4											0.50	1.10
207-21	1-5/16											0.48	1.06
207-22	1-3/8											0.46	1.01
207-23	1-7/16											0.46	1.01
UC 208	40 mm	3.1496 80	1.9370 49.2	0.8268 21	0.748 19	1.189 30.2	0.315 8	0.2480 6.3	5/16-24 UNF M8 X 1	6550 29100	4000 17800	0.68	1.50
208-24	1-1/2											0.64	1.41
208-25	1-9/16											0.63	1.39
UC 209	45 mm	3.3465 85	1.9370 49.2	0.8660 22	0.7480 19.0	1.1890 30.2	0.3150 8	0.2480 6.3	5/16-24UNF M8 X 1	7119 31670	4649 20680	0.78	1.72
209-26	1-5/8											0.74	1.63
209-27	1-11/16											0.70	1.54
209-28	1-3/4											0.70	1.54

Bearing Insert

Set Screw Series - Normal Duty



Dual Seal



Triple Seal optional

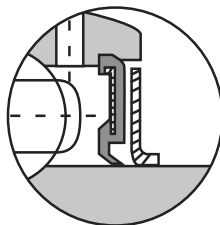
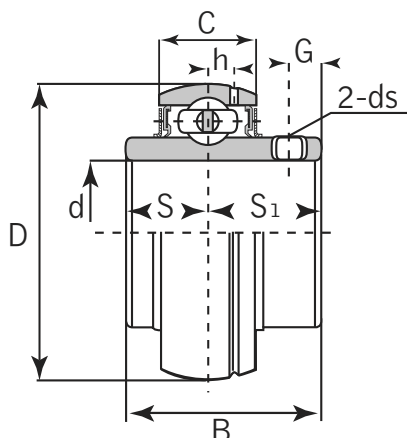
UC

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Basic Load Rating lbf / N		Weight	
	d	D	B	C	S	S1	G	h	ds	Dynamic	Static	kg	lbs
UC 210	50 mm	3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	0.2598	3/8-24UNF	7884	5211	0.80	1.76
210-30	1-7/8	90	51.6	24	19.0	32.6	10	6.6	M10x1.25	35070	23180	0.87	1.91
210-31	1-15/16											0.82	1.80
210-32	2											0.78	1.72
UC 211	55 mm	3.9370	2.1890	0.9843	0.874	1.3150	0.3937	0.2755	3/8-24UNF	9752	6569	1.11	2.44
211-32	2	100	55.6	25	22.2	33.4	10	7	M10x1.25	43380	29220	1.26	2.77
211-34	2-1/8											1.15	2.53
211-35	2-3/16											1.09	2.40
UC 212	60 mm	4.3307	2.5630	1.0630	1.000	1.5630	0.394	0.2292	3/8-24UNF	10736	7403	1.54	3.39
212-36	2-1/4	110	65.1	27	25.4	39.7	10	7.6	M10x1.25	47760	32930	1.67	3.67
212-38	2-3/8											1.52	3.34
212-39	2-7/16											1.45	3.19
UC 213	65 mm	4.7244	2.5630	1.1024	1.000	1.5630	0.394	0.3503	3/8-24UNF	12861	8992	1.85	4.07
213-40	2-1/2	120	65.1	28	25.4	39.7	10	8.9	M10x1.25	57210	40000	1.94	4.27
UC 214	70 mm	4.9213	2.9370	1.1811	1.189	1.7480	0.472	0.3503	7/16-20UNF	13675	10123	2.05	4.51
214-43	2-11/16	125	74.6	30	30.2	44.5	12	8.9	M12x1-1/2	60830	45030	2.16	4.75
214-44	2-3/4											2.06	4.53
UC 215	75 mm	5.1181	3.0630	1.2598	1.311	1.7480	0.472	0.3503	7/16-20UNF	14862	11128	2.21	4.86
215-47	2-15/16	130	77.8	32	33.3	44.5	12	8.9	M12x1-1/2	66110	49500	2.24	4.93
215-48	3											2.12	4.66
UC 216	80 mm	5.1181	3.2520	1.2992	1.311	1.9410	0.5512	0.3779	7/16-20UNF	16298	11914	2.80	6.16
216-50	3-1/8	140	82.6	33	33.3	49.3	14	9.6	M12x1-1/2	72500	53000	2.85	6.27
UC 217	85 mm	5.9055	3.3740	1.3780	1.3425	2.0315	0.5512	0.3779	7/16-20UNF	18771	14387	3.46	7.61
217-52	3-1/4	150	85.7	35	34.1	51.6	14	10	M12x1-1/2	83500	64000	3.68	8.10
217-55	3-7/16											3.25	7.15
UC 218	90 mm	6.2992	3.7795	1.4567	1.5630	2.2165	0.5903	0.4330	1/2-20UNF	21581	16073	4.36	9.59
218-56	3-1/2	160	96	37	39.7	56.3	15	11	M12x1-1/2	96000	71500	4.47	9.83

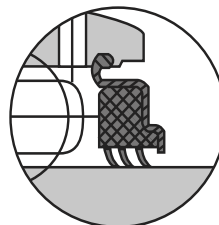


Bearing Insert

Set Screw Series - Medium Duty



Dual Seal



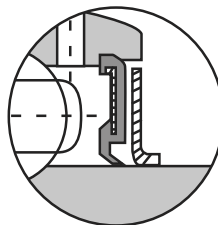
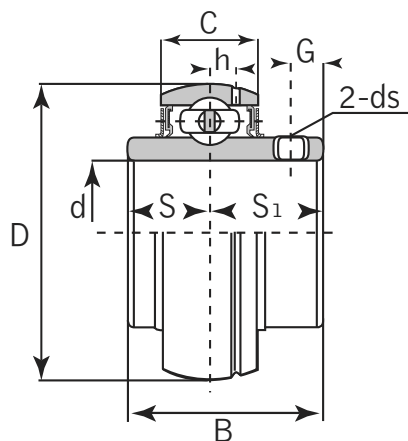
Triple Seal optional

UCX

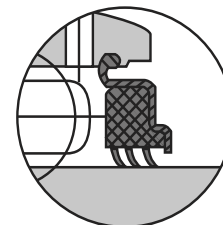
Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Basic Load Rating lbf / N		Weight	
	d	D	B	C	S	S1	G	h	ds	Dynamic	Static	kg	lbs
UCX 05	25 mm												
05-14	7/8	2.4409	1.5000	0.748	0626	0.874	0.197	0.197	1/4-28UNF	4384	2540	0.39	0.85
05-15	15/16	62	38.1	19	15.9	22.2	5	5	M6x1	19500	11300	0.42	0.99
05-16	1											0.40	0.88
												0.38	0.83
UCX 06	30 mm												
06-18	1-1/8	2.8346	1.6890	0.7874	0.689	1.000	0.276	0.224	5/16-24UNF	5778	3440	0.58	1.27
06-19	1-3/16	72	42.9	20	17.5	25.4	7	5.7	M8x1	25700	15300	0.58	1.27
06-20	1-1/4											0.58	1.27
												0.55	1.21
UCX 07	35 mm												
07-21	1-5/16	3.1496	1.9370	0.8268	0.748	1.189	0.315	0.244	5/16-24UNF	6632	4069	0.75	1.65
07-22	1-3/8	80	49.2	21	19	30.2	8	6.2	M8x1	29500	18100	0.75	1.65
07-23	1-7/16											0.72	1.58
UCX 08	40 mm												
08-24	1-1/2	3.3465	1.9370	0.8661	0.748	1.189	0.315	0.252	5/16-24UNF	7104	4631	0.83	1.82
08-25	1-9/16	85	49.2	22	19	30.2	8	6.5	M8x1	31600	20600	0.87	1.91
												0.87	1.91
UCX 09	45 mm												
09-26	1-5/8	3.5433	2.0315	0.9449	0.748	1.283	0.394	0.256	3/8-24UNF	7868	5216	0.95	2.09
09-27	1-11/16	90	51.6	24	19	32.6	10	6.5	M10x1	35000	23200	1.10	2.42
09-28	1-3/4											1.01	2.22
												0.97	2.13
UCX 10	50 mm												
10-30	1-7/8	3.9370	2.1890	0.9843	0.874	1.315	0.394	0.276	3/8-24UNF	9779	6564	1.29	2.83
10-31	1-15/16	100	55.6	25	22.2	33.4	10	7.0	M10x1	43500	29200	1.43	3.14
10-32	2											1.32	2.90
												1.26	2.77
UCX 11	55 mm												
11-35	2-3/16	4.3307	2.5630	1.0630	1.000	1.563	0.394	0.299	3/8-24UNF	10723	7396	1.80	3.96
11-36	2-1/4	110	65.1	27	25.4	39.7	10	7.6	M10x1	47700	32900	1.78	3.91
												1.70	3.74

Bearing Insert

Set Screw Series - Medium Duty



Dual Seal



Triple Seal optional

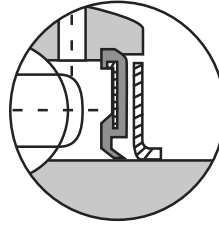
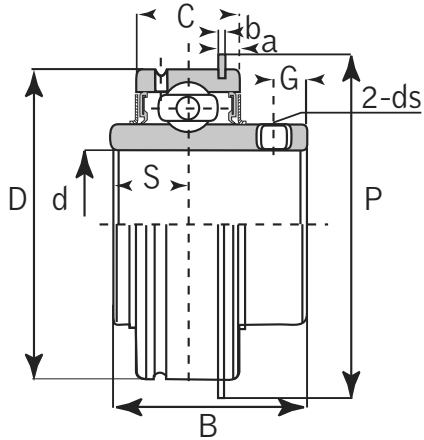
UCX

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Basic Load Rating lbf / N		Weight	
	d	D	B	C	S	S1	G	h	ds	Dynamic	Static	kg	lbs
UCX 12 12-38 12-39	60 mm 2-3/8 2-7/16	4.7244 120	2.5630 65.1	1.1024 28	1.000 25.4	1.5628 39.7	0.394 10	0.335 8.5	3/8-24UNF M10x1	12927 57500	8992 40000	2.05 2.03 1.95	4.51 4.46 4.29
UCX 13 13-40	65 mm 2-1/2	4.9213 125	2.9370 74.6	1.1417 29	1.189 30.2	1.748 44.4	0.472 12	0.350 8.9	1/2-20 UNF M12x1.5	13668 60800	10116 45000	2.52 2.61	5.54 5.74
UCX 14 14-44	70 mm 2-3/4	5.1181 130	3.0630 77.8	1.1811 30	1.311 33.3	1.752 44.5	0.472 12	0.362 9.2	1/2-20 UNF M12x1.5	14837 66000	11128 49500	2.74 2.75	6.02 6.05
UCX 15 15-47 15-48	75 mm 2-15/16 3	5.5118 140	3.2520 82.6	1.2598 32	1.311 33.3	1.9409 49.3	0.472 12	0.374 9.5	1/2-20 UNF M12x1.5	16074 71500	12185 54200	3.41 3.32	7.50 7.30
UCX 16 16-50	80 mm 3-1/8	5.9055 150	3.3740 85.7	1.3386 34	1.343 34.1	3.031 51.6	0.472 12	0.402 10.2	1/2-20UNF M12x1.5	18772 83500	14523 64600	3.87	8.34
UCX 17 17-52 17-55	85 mm 3-1/4 3-7/16	6.2992 160	3.7795 96	1.4173 36	1.5630 39.7	2.217 56.3	0.472 12	0.441 11.2	1/2-20UNF M12x1.5	21582 96000	16074 71500	5.05 4.58	11.11 10.07
UCX 18 18-56	90 mm 3-1/2	6.6929 170	4.0945 104	1.5354 39	1.689 42.9	2.406 61.1	0.630 16	0.492 12.5	9/16-18UNF M14x1.5	24504 109000	18434 82000	6 6.12	13.20 13.46
UCX 20 20-63 20-64	100 mm 3-15/16 3-1/2	7.4803 190	4.6260 117.5	1.6929 43	1.9370 49.2	2.6890 68.3	0.7087 18	0.5994 13.7	5/8X18UNF M16x1.5	29900 133000	23605 105000	8.56 8.33 8.33	18.83 18.32 18.32

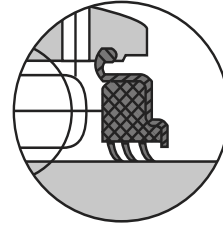


Bearing Insert

Set Screw Series - Normal Duty



Dual Seal



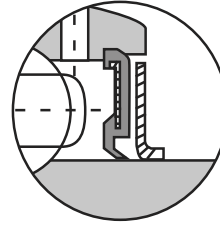
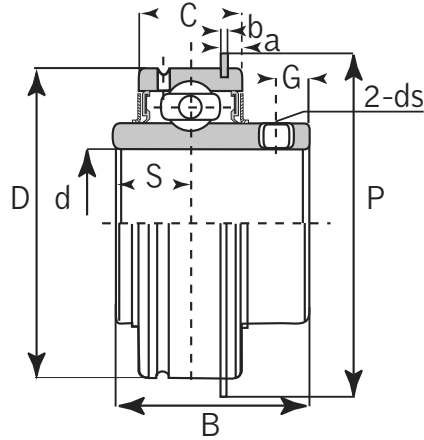
Triple Seal optional

SER

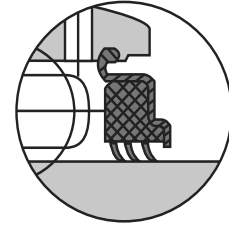
Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Basic Load Rating lbf / N		Weight	
	d	D	B	b	C	S	a	P	G	ds	Dynamic	Static	kg	lbs
SER 201	12 mm												0.27	0.59
201-8	1/2												0.27	0.59
202	15 mm												0.25	0.55
202-10	5/8	1.8504	1.2205	0.0421	0.6300	0.500	0.0945	2.0748	0.185	1/4-28UNF	2886	1495	0.24	0.53
203	17 mm	47	31	1.07	16	12.7	2.4	52.7	4.7	M 6 x 0.75	12840	6650	0.23	0.51
203-11	11/16												0.23	0.51
204	20 mm												0.20	0.48
204-12	3/4												0.22	0.48
SER 205	25 mm												0.21	0.46
205-14	7/8	2.0472	1.3425	0.0421	0.7480	0.5629	0.0945	2.2795	0.2165	1/4-28UNF	3152	1771	0.23	0.51
205-15	15/16	52	34.1	1.07	19	14.3	2.4	57.9	5.5	M 6 x 0.75	14020	7880	0.22	0.48
205-16	1												0.20	0.44
SER 206	30 mm												0.35	0.77
206-18	1-1/8	2.4409	1.5000	0.0649	0.874	0.6260	0.1260	2.6654	0.2165	1/4-28UNF	4375	2542	0.37	0.81
206-19	1-3/16	62	38.1	1.65	22.2	15.9	3.2	67.7	5.5	M 6 x 0.75	19460	11310	0.35	0.77
206-20	1-1/4												0.35	0.77
SER 207	35 mm												0.51	1.12
207-20	1-1/4	2.8346	1.6890	0.0649	0.9449	0.6890	0.1260	3.0906	0.2559	5/16-24UNF	5771	3439	0.56	1.23
207-21	1-5/16	72	42.9	1.65	24	17.5	3.2	78.4	6.5	M 8 x 1	25670	15300	0.54	1.19
207-22	1-3/8												0.52	1.14
207-23	1-7/16												0.48	1.06
SER 208	40 mm												0.68	1.50
208-24	1-1/2	3.1496	1.9370	0.0649	1.1024	0.748	0.1260	3.4094	0.3150	5/16-24UNF	6636	4078	0.72	1.58
208-25	1-9/16	80	49.2	1.65	28	19	3.2	86.6	8	M 8 x 1	29520	18140	0.68	1.50

Bearing Insert

Set Screw Series - Normal Duty



Dual Seal



Triple Seal optional

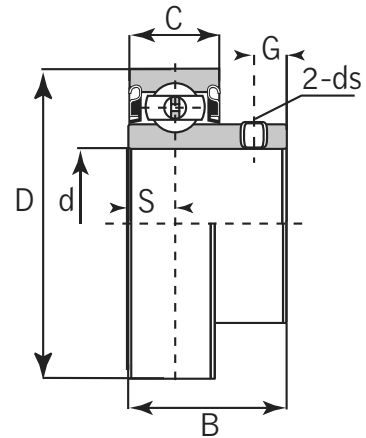
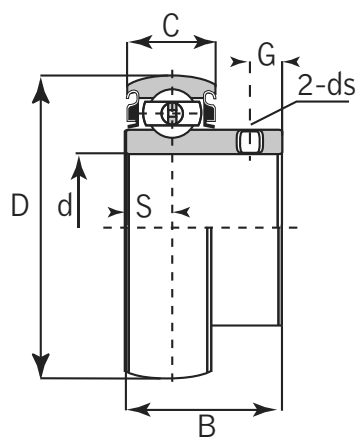
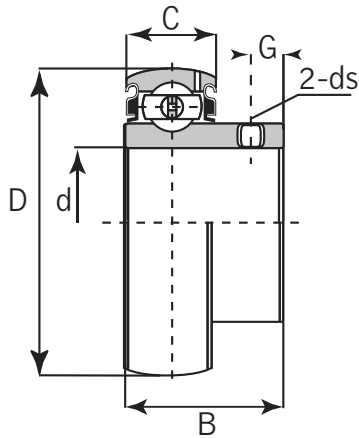
SER

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Basic Load Rating lbf / N		Weight	
	d	D	B	b	C	S	a	P	G	ds	Dynamic	Static	kg	lbs
SER 209	45 mm													
209-26	1-5/8	3.3465	1.9370	0.0650	1.1024	0.748	0.1260	3.6063	0.3150	5/16-24UNF	7119	4649	0.90	1.98
209-27	1-11/16	85	49.2	1.65	28	19	3.2	91.6	8	M 8 x 1	31670	20680	0.81	1.78
209-28	1-3/4												0.82	1.80
													0.80	1.76
SER 210	50 mm													
210-30	1-7/8	3.5433	2.0315	0.0949	1.1024	0.7480	0.1260	3.7992	0.3543	3/8-24UNF	7884	5211	0.86	1.89
210-31	1-15/16	90	51.6	2.41	28	19	3.2	96.5	9	M 10 x 1.25	35070	23180	0.92	2.02
210-32	2												0.87	1.91
													0.85	1.87
SER 211	55 mm													
211-32	2	3.9370	2.1890	0.0949	1.1811	0.8740	0.1260	4.1929	0.3543	3/8-24UNF	9752	6569	1.15	2.53
211-34	2-1/8	100	55.6	2.41	30	22.2	3.2	106.5	9	M 10 x 1.25	43380	29222	1.28	2.82
211-35	2-3/16												1.18	2.60
													1.12	2.46
SER 212	60 mm													
212-36	2-1/4	4.3307	2.5630	0.0949	1.2598	1.000	0.1260	4.5960	0.4134	3/8-24UNF	10736	7403	1.58	3.48
212-38	2-3/8	110	65.1	2.41	32	25.4	3.2	116.6	10.5	M 10 x 1.25	47760	32930	1.70	3.74
212-39	2-7/16												1.56	3.56
													1.48	3.26
SER 214	70 mm													
214-43	2-11/16	4.9213	2.7520	0.1091	1.3780	1.0630	0.1575	5.2165	0.4724	7/16-20UNF	13675	10123	2.52	5.54
214-44	2-3/4	125	69.9	2.77	35	27	4	132.5	12	M 12 x 1.5	60830	45030		
SER 215	75 mm													
215-47	2-15/16	5.1181	3.0630	0.1091	1.4961	1.3110	0.1575	5.5000	0.4724	7/16-20UNF	14862	11128	2.89	6.35
215-48	3	130	77.8	2.77	38.0	33.3	4	139.7	12	M 12 x 1.5	66110	49500		
SER 217	85 mm													
217-55	3-7/16	5.9055	3.374	0.1091	1.937	1.3425	0.1900	6.2900	0.5512	7/16-20	17680	11600	3.30	7.26
		150	85.7	2.77	49.2	34.1	4.9	159.7	14	M 12 x 1.5	78648	51601		



Bearing Inserts

Set Screw Series - Light Duty



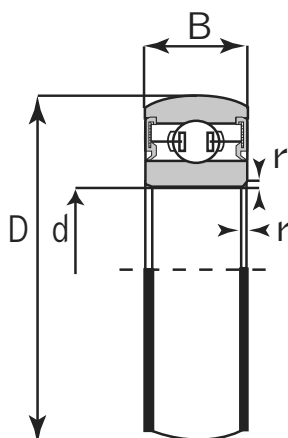
SB...G, SB & CSB

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)						Basic Load Rating lbf / N		Weight	
	d	D	B	C	S	G	ds	Dynamic Cr	Static Cor	kg	lbs
SB 201 201-8 202 202-9 202-10 203 203-11	12 mm 1/2 15 mm 9/16 5/8 17 mm 11/16	1.5748 40	0.8661 22	0.4724 12	0.2362 6	1.1772 4.5	1/4-28 UNF M5 x 0.8	2151 9570	1057 4700	0.10 0.10 0.09 0.09 0.09 0.08 0.08	0.22 0.22 0.20 0.20 0.20 0.18 0.18
SB 204 204-12	20 mm 3/4	1.8504 47	0.9840 25	0.5512 14	0.2756 7	1.1772 4.5	1/4-28 UNF M6 x 0.75	2886 12840	1495 6650	0.12 0.13	0.26 0.29
SB 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	2.0472 52	1.0630 27	0.5906 15	0.2953 7.5	0.1969 5	1/4-28 UNF M6 x 0.75	3152 14020	1771 7880	0.18 0.17 0.17 0.16	0.40 0.37 0.37 0.35
SB 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	2.4409 62	1.1811 30	0.6299 16	0.3150 8	0.2170 5.5	1/4-28 UNF M6 x 0.75	4375 19460	2542 11310	0.25 0.26 0.25 0.23	0.55 0.57 0.55 0.51
SB 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	2.8346 72	1.2598 32	0.6693 17	0.3346 8.5	0.2362 6	5/16-24 UNF M8 x 1	57706 25670	34394 15300	0.37 0.41 0.39 0.37 0.35	0.81 0.90 0.86 0.81 0.77
SB 208 208-24 208-25	40 mm 1-1/2 1-9/16	3.1496 80	1.3386 34	0.7087 18	0.3543 9	0.3150 8	5/16-24 UNF M8 x 1	6636 29520	4078 18140	0.45 0.48 0.45	0.99 1.06 0.99
SB 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	3.3465 85	1.6220 41.2	0.7480 19	0.4016 10.2	0.3150 8	5/16-24 UNF M8 x 1	7119 31670	4649 20680	0.69 0.76 0.73 0.69	1.51 1.67 1.60 1.51
SB 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	3.5433 90	1.7126 45.3	0.7874 20	0.4291 10.9	0.3543 9	5/16-24 UNF M10 x 1.25	35070 7884	23180 5211	0.79 0.83 0.79	1.73 1.82 1.73
SB 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	3.9370 100	1.7126 45.3	0.8268 21	0.4646 11.8	0.3937 10	3/8-24 UNF M10 x 1.25	43380 9752	29220 6569	0.84 0.96 0.87 0.81	1.84 2.11 1.91 1.78
SB 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	4.3307 110	2.1142 53.7	0.8661 22	0.5866 14.9	0.3937 10	3/8-24 UNF M10 x 1.25	47760 10736	32930 7403	1.20 1.30 1.09	2.64 2.86 2.39

Add (G)suffix for regreaseable. (ex. SB 205-16G)

Bearing Insert

Bearing Style - Normal Duty



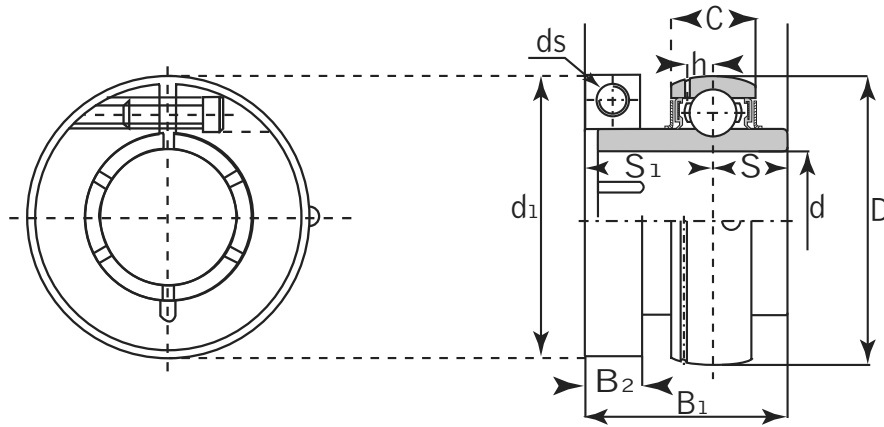
CS

Unit No.	Shaft Dia. (inch / mm)	Dimensions (mm)			Basic Load Rating lbf / N		Weight	
	d	D	B	r (min)	Dynamic Cr	Static Cor	kg	lbs
CS 201 2RS	12	32	10	0.6	1529 6800	686 3050	0.03	0.08
CS 202 2RS	15	35	11	0.6	1718 7650	836 3720	0.04	0.09
CS 203 2RS	17	40	12	0.6	2154 9580	1075 4780	0.05	0.11
CS 204 2RS	20	47	14	1	2877 12800	1495 6650	0.10	0.22
CS 205 2RS	25	52	15	1	3146 14000	1771 7880	0.11	0.24
CS 305 2RS	25	62	17	1.1	4991 22200	2585 11500	0.20	0.44
CS 206 2RS	30	62	16	1	4384 19500	2585 11500	0.18	0.39
CS 306 2RS	30	72	19	1.1	6070 27000	3417 15200	0.30	0.66
CS 207 2RS	35	72	17	1.1	5732 25500	3417 15200	0.25	0.55
CS 307 2RS	35	80	21	1.5	7463 33200	3417 15200	0.25	0.55
CS 208 2RS	40	80	18	1.1	6632 29500	4046 18000	0.32	0.70
CS 308 2RS	40	90	23	1.5	9172 40800	5395 24000	0.55	1.21
CS 209 2RS	45	85	19	1.1	7081 31500	4676 20800	0.37	0.81
CS 309 2RS	45	100	25	1.5	11869 52800	7081 31500	0.73	1.60
CS 210 2RS	50	90	20	1.1	7868 35000	5215 23200	0.41	0.90
CS 310 2RS	50	110	27	2	13893 61800	8542 38000	0.95	2.09



Bearing Insert

GRaB Loc Series - Normal Duty

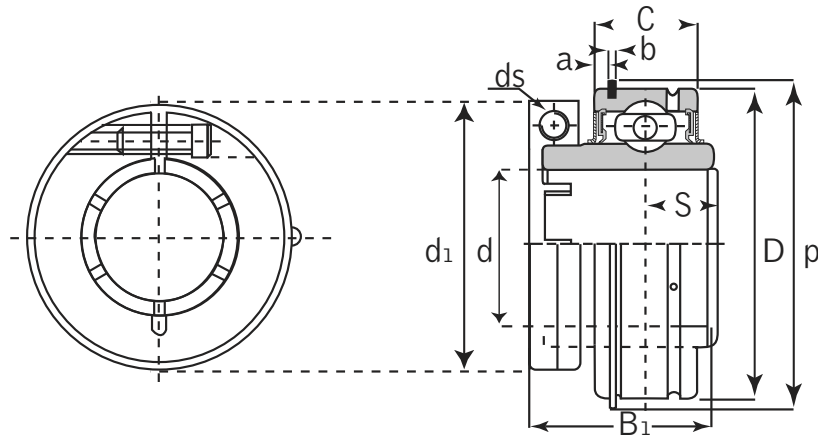


GC

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Basic Load Rating lbf / N		Weight	
	d	D	d1	B1	B2	C	S	S1	h	ds	Dynamic	Static	kg	lbs
GC 204 204-12	20 mm 3/4	1.8504 47	1.7520 44.5	1.2795 32.5	0.3740 9.5	0.5906 15	0.500 12.7	0.7795 19.8	0.1575 4.0	8-32 x 5/8	2877 12800	1484 6600	0.22	0.48
GC 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	2.0472 52	1.9370 49.2	1.4370 36.5	0.3740 9.5	0.6692 17	0.5630 14.3	0.8740 22.2	0.1654 4.2	8-32 x 5/8	3147 14000	1753 7800	0.35	0.77
GC 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/8 1-1/4	2.4409 62	2.1890 55.6	1.5630 39.7	0.3740 9.5	0.7087 18	0.6260 15.9	0.9370 23.8	0.1890 4.8	8-32 x 5/8	4361 19400	2518 11200	0.50	1.10
GC 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	2.8346 72	2.5590 65	1.7520 44.5	0.4370 11.1	0.7480 19	0.6890 17.5	1.0630 27.0	0.2126 5.4	10-24 x 3/4	5755 25600	3417 15200	0.66	1.45
GC 208 208-24 208-25	40 mm 1-1/2 1-9/16	3.1496 80	2.6890 68.3	2.000 50.8	0.4370 11.1	0.8661 22	0.7480 19.0	1.2520 31.8	0.2323 5.9	10-24 x 3/4	7328 32600	4551 19800	0.81	1.78
GC 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	3.3464 85	2.9370 74.6	2.000 50.8	0.4370 11.1	0.8661 22	0.7480 19.0	1.2520 31.8	0.2402 6.1	10-24 x 3/4	4878 32700	4586 20400	0.83	1.83
GC 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	3.5433 90	3.3740 85.7	2.0945 53.2	0.5630 14.3	0.8661 22	0.7480 19.0	1.3425 34.1	0.2559 6.5	1/4-20 x 1	7868 35000	5193 23100	1.09	2.40
GC 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	3.9370 100	3.6220 92	2.2520 57.2	0.5630 14.3	0.9449 24	0.8740 22.2	1.3740 34.9	0.2795 7.1	1/4-20 x 1	9734 43300	6564 29200	1.32	2.91
GC 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	4.3307 110	4.1338 105	2.6260 66.7	0.6890 17.5	1.0236 26	1.000 25.4	1.6260 41.3	0.2992 7.6	5/16-18 x 1	10723 47700	7396 32900	1.95	4.30

Bearing Insert

GRaB Loc Series - Normal Duty



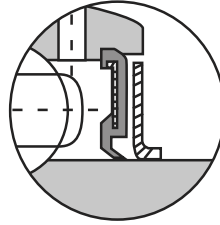
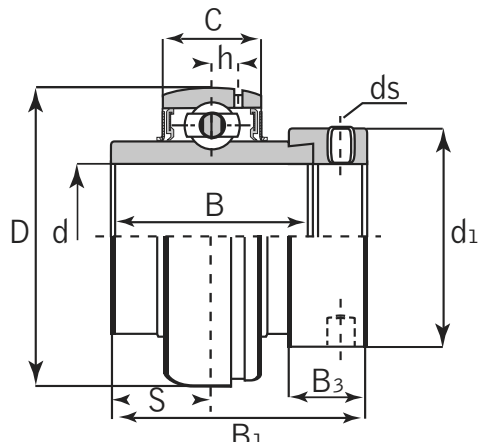
GER

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Basic Load Rating lbf / N		Weight	
	d	D	d1	K	B1	b	C	S	a	p	ds	Dynamic	Static	kg	lbs
GER 204 204-12	20 mm 3/4	1.8504 47	1.7520 44.5	0.3740 9.5	1.3740 34.9	0.0531 1.35	0.7519 19.10	0.500 12.70	0.0968 2.46	2.0748 52.70	8-32 x 5/8	2900 12900	1410 6272	0.22	0.48
GER 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	2.0472 52	1.9370 49.2	0.3740 9.5	1.5118 38.4	0.0531 1.35	0.7519 19.10	0.5629 14.30	0.0968 2.46	2.2795 57.90	8-32 x 5/8	3150 14012	1610 7162	0.35	0.77
GER 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	2.4409 62	2.1890 55.6	0.3740 9.5	1.6496 41.9	0.0748 1.90	0.8740 22.20	0.6259 15.90	0.1291 3.28	2.6653 67.70	8-32 x 5/8	4370 19438	2320 10319	0.50	1.10
GER 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	2.8346 72	2.5590 65	0.4370 11.1	1.870 47.5	0.0748 1.90	0.9370 23.8	0.6897 17.50	0.1291 3.28	3.0944 78.60	10-24 x 3/4	5770 25665	3150 14011	0.66	1.45
GER 208 208-24 208-25	40 mm 1-1/2 1-9/16	3.1496 80	2.6890 68.3	0.4370 11.1	2.1141 53.7	0.0748 1.90	1.0944 27.80	0.7480 19.00	0.1291 3.28	3.4094 86.60	10-24 x 3/4	7340 32648	3650 16235	0.81	1.78
GER 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	3.3464 85	2.9370 74.6	0.4370 11.1	2.1220 53.9	0.0748 1.90	1.0944 27.80	0.7480 19.00	0.1291 3.28	3.6062 91.60	10-24 x 3/4	7350 32693	4150 18459	0.83	1.83
GER 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	3.5433 90	3.3740 85.7	0.5629 14.3	2.2677 57.6	0.1062 2.70	1.1259 28.60	0.7480 19.00	0.1291 3.28	3.7992 96.50	1/4-20 x 1	7880 35050	4650 20683	1.09	2.40
GER 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	3.9370 100	3.6220 92	0.5629 14.3	2.4291 61.7	0.1062 2.70	1.1889 30.20	0.8740 22.20	0.1291 3.28	4.1929 106.50	1/4-20 x 1	9740 43324	5850 20021	1.32	2.91
GER 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	4.3307 110	4.1338 105	0.6889 17.5	2.8464 72.3	0.1062 2.70	1.2519 31.80	1.000 25.4	0.1291 3.28	4.5905 116.60	5/16-18 x 1	11780 52397	7250 32248	1.95	4.30

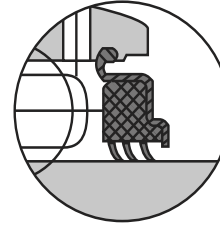


Bearing Insert

Eccentric Collar Series - Normal Duty



Dual Seal



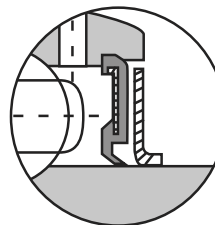
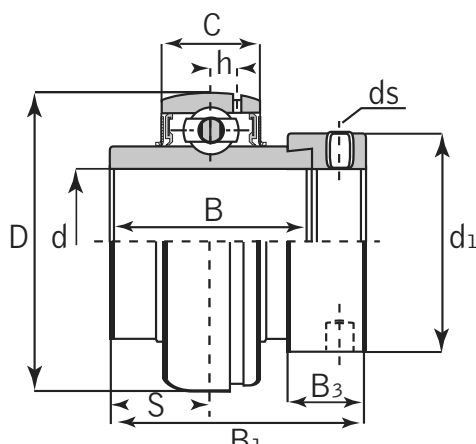
Triple Seal optional

HC

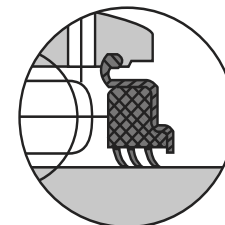
Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Basic Load Rating lbf / N		Eccentric Collar	Weight	
		d	D	d1	B	B1	B3	C	S	h	ds	Dynamic	Static	kg	lbs
HC 202	15 mm	1.8504 47	1.311 33.3	1.3465 34.2	1.7205 43.7	0.5315 13.5	0.6693 17	0.6793 17.1	0.146 3.7	1/4-28 UNF M6 x 0.75	2886 12840	1495 6650	A 202	0.27	0.59
202-9	9/16												202-9	0.26	0.57
202-10	5/8												202-10	0.26	0.57
203	17mm												203	0.25	0.55
203-11	11 /16												203-11	0.25	0.55
204	20 mm												204	0.23	0.51
204-12	3/4												204-12	0.23	0.51
HC 205	25 mm	2.0472 52	1.5000 38.1	1.3740 34.9	1.7480 44.4	0.5315 13.5	0.6693 17	0.6890 17.5	0.154 3.9	1/4-28 UNF M6 x 0.75	3152 14020	1771 7880	A 205	0.27	0.59
205-14	7/8												205-14	0.31	0.68
205-15	15/16												205-15	0.29	0.64
205-16	1												205-16	0.27	0.59
HC 206	30 mm	2.4409 62	1.7520 44.5	1.4370 36.5	1.9055 48.4	0.6260 15.9	0.7480 19	0.7205 18.3	0.197 5.0	5/16-24 UNF M8 x 1	4375 19460	2542 11310	A 206	0.45	0.99
206-17	1-1/16												206-17	0.50	1.10
206-18	1-1/8												206-18	0.47	1.03
206-19	1-3/16												206-19	0.45	0.99
206-20	1-1/4												206-20	0.42	0.92
HC 207	35 mm	2.8346 72	2.189 55.6	1.4803 37.6	2.0118 51.1	0.6890 17.5	0.7874 20	0.7402 18.8	0.224 5.7	5/16-24 UNF M8 x 1	5771 25670	3439 15300	A 207	0.60	1.32
207-20	1-1/4												207-20	0.67	1.47
207-21	1-5/16												207-21	0.63	1.39
207-22	1-3/8												207-22	0.60	1.32
207-23	1-7/16												207-23	0.57	1.25
HC 208	40 mm	3.1496 80	2.3740 60.3	1.6850 42.8	2.2165 56.3	0.7205 18.3	0.8270 21	0.8425 21.4	0.244 6.2	5/16-24 UNF M8 x 1	6636 29520	4078 18140	A 208	0.79	1.74
208-24	1-1/2												208-24	0.84	1.85
208-25	1-9/16												208-25	0.80	1.76
HC 209	45 mm	3.3465 85	2.5000 63.5	1.6850 42.8	2.2165 56.3	0.7205 18.3	0.8661 22	0.8425 21.4	0.252 6.4	5/16-24 UNF M8 x 1	7119 31670	4649 20680	A 209	0.85	1.87
209-26	1-5/8												209-26	0.96	2.11
209-27	1-11/16												209-27	0.91	2.00
209-28	1-3/4												209-28	0.87	1.91

Bearing Insert

Eccentric Collar Series - Normal Duty



Dual Seal



Triple Seal optional

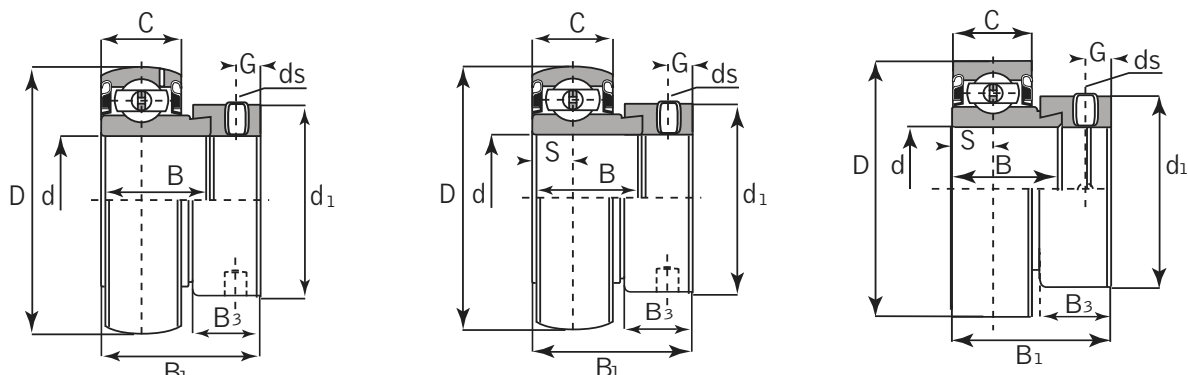
HC

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Basic Load Rating lbf / N		Eccentric Collar	Mass	
		d	D	d1	B	B1	B3	C	S	h	ds	Dynamic		Static	kg
HC 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	3.5433 90	2.7520 69.9	1.9370 49.2	2.4685 62.7	0.7204 18.3	0.9449 24	0.9685 24.6	0.256 6.5	5/16-24 UNF M8x 1	7884 35070	5211 23180	A 210 210-30 210-31 210-32	0.99 1.08 1.02 0.96	2.18 2.38 2.24 2.11
HC 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	3.9370 100	3.000 76.2	2.1850 55.5	2.8110 71.4	0.8150 20.7	0.9843 25	1.0945 27.8	0.276 7.0	3/8-24 UNF M10 x 1.25	9752 43380	6569 29220	A 211 211-32 211-34 211-35	1.32 1.52 1.37 1.29	2.90 3.34 3.01 2.84
HC 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	4.3307 110	3.3150 84.2	2.4370 61.9	3.0630 77.8	0.8780 22.3	1.0630 27	1.2205 31	0.299 7.6	3/8-24 UNF M10 x 1.25	10736 47760	7403 32930	A 212 212-36 212-38 212-39	1.88 2.04 1.90 1.77	4.14 4.49 4.18 3.89
HC 213 213-40	65 mm 2-1/2	4.7244 120	3.3858 86	2.6850 68.2	3.3740 85.7	0.9252 23.5	1.1024 28	1.3425 34.1	0.335 8.5	3/8-24 UNF M10 x 1.25	12861 57210	8992 40000	A 213 213-40	2.41 2.51	5.30 5.52
HC 214 214-43 214-44	70 mm 2-11/16 2-3/4	4.9213 125	3.5433 90	2.6850 68.2	3.3740 85.7	0.9252 23.5	1.1811 30	1.3425 34.1	0.350 8.9	3/8-24 UNF M10 x 1.25	13675 60830	10123 45030	A 214 214-43 214-44	2.55 2.68 2.56	5.61 5.90 5.63
HC 215 215-47 215-48	75 mm 2-15/16 3	5.1811 130	4.0157 102	2.9370 74.6	3.6260 92.1	0.9252 23.5	1.2598 32	1.4685 37.3	0.362 9.2	3/8-24 UNF M10 x 1.25	14862 66110	11128 49500	A 215 215-47 215-48	2.84 2.88 2.74	6.25 6.34 6.03
HC 216 216-50	80 mm 3-1/8	5.5118 140	4.3307 110	2.9370 74.6	3.7480 95.2	1.0630 27	1.2992 33	1.4685 37.3	0.4055 10.3	7/16-20 UNF M12 x 1.25	16073 71500	12184 54200	A 216 216-50	3.12	6.86
HC 217 217-52 217-55	85 mm 3-1/4 3-7/16	5.9055 150	4.6850 119	2.0944 53.2	2.8818 73.2	1.0630 27	1.3780 35	0.9212 23.4	0.4331 11	7/16-20 UNF M12 x 1.25	18703 83200	14342 63800	A 217 217-52 217-55	3.6	7.92
HC 218 218-56	90 mm 3-1/2	6.2992 160	4.7244 120	2.1653 55	2.8543 72.5	1.2519 31.8	1.4567 37	0.9645 24.5	0.4724 12	7/16-20 UNF M12 x 1.25	21558 95900	16073 71500	A 218 218-56	4.55	10.01



Bearing Insert

Eccentric Collar Series - Light Duty



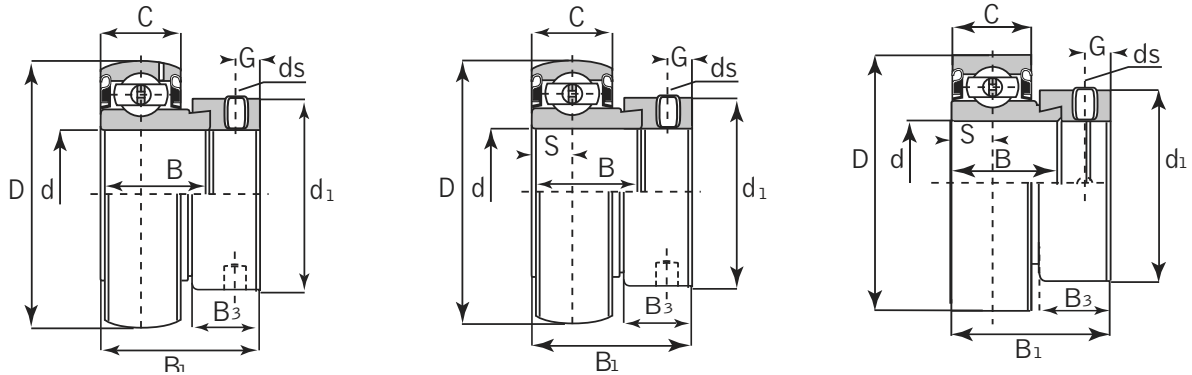
SA...G, SA & CSA

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Basic Load Rating lbf / N		Weight	
	d	D	d1	B	B1	B3	C	S	G	ds	Dynamic Cr	Static Cor	kg	lbs
CSA 104-12	3/4	1.6335 42	1.299 33	0.6354 16.14	1.0402 26.42	0.5197 13.2	0.4724 12	0.2362 6	0.1969 5	1/4-28 UNF M6 x 0.75	2109 9380	1124 5000	0.12	0.26
SA 201	12 mm												0.12	0.26
201-8	1/2												0.14	0.31
202	15 mm	1.5748 40	1.126 28.6	0.7520 19.1	1.126 28.6	0.5315 13.5	0.4724 12	0.2362 6	0.1969 5	1/4-28 UNF M6 x 0.75	2151 9570	1057 4700	0.11 0.13	0.24 0.29
202-10	5/8												0.10	0.22
203	17 mm												0.12	0.26
203-11	11/16													
SA 204	20 mm	1.8504 47	1.311 33.3	0.8465 21.5	1.2165 30.9	0.5315 13.5	0.5512 14	0.2755 7	0.1969 5	1/4-28 UNF M6 x 0.75	2886 12840	1495 6650	0.16 0.15	0.35 0.33
204-12	3/4													
SA 205	25 mm	2.0472 52	1.500 38.1	1.126 28.6	1.2402 31.5	0.5315 13.5	0.5905 15	0.2953 7.5	0.1969 5	1/4-28 UNF M6 x 0.75	3152 14020	1771 7880	0.21 0.19 0.18	0.46 0.42 0.40
205-14	7/8													
205-15	15/16													
205-16	1													
SA 206	30 mm	2.4409 62	1.752 44.5	0.9370 23.8	1.4055 35.7	0.6260 15.9	0.6299 16	0.3150 8	0.2362 6	5/16-24 UNF M8 x 1	4375 19460	2542 11310	0.30 0.30 0.30	0.66 0.66 0.64
206-18	1-1/8													
206-19	1-3/16													
206-20	1-1/4													
SA 207	35 mm	2.8346 72	2.189 55.6	1.000 25.4	1.5315 38.9	0.6890 17.5	0.6693 17	0.3346 8.5	0.2559 6.5	5/16-24 UNF M8 x 1	5771 25670	3439 15300	0.55 0.53 0.50 0.50	1.21 1.17 1.10 1.10
207-20	1-1/4													
207-21	1-5/16													
207-22	1-3/8													
207-23	1-7/16												0.47	1.03
SA 208	40 mm	3.1496 80	2.374 60.3	1.1890 30.2	1.7204 43.7	0.7205 18.3	0.7087 18	0.3543 9	0.2559 6.5	5/16-24 UNF M8 x 1	29520 6636	18140 4078	0.63 0.67 0.65	1.39 1.47 1.43
208-24	1-1/2													
208-25	1-9/16													
SA 209	45 mm	3.3465 85	2.500 63.5	1.1890 30.2	1.7165 43.6	0.7205 18.3	0.7480 19	0.3740 9.5	0.2559 6.5	5/16-24 UNF M8 x 1.25	31670 7119	20680 4649	0.66 0.74 0.72 0.67	1.45 1.63 1.58 1.47
209-26	1-5/8													
209-27	1-11/16													
209-28	1-3/4													

Add (G)suffix for regreasable. (ex. SA 205-16G)

Bearing Insert

Eccentric Collar Series - Light Duty



SA...G, SA & CSA

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Basic Load Rating lbf / N		Weight	
	d	D	d1	B	B1	B3	C	S	G	ds	Dynamic Cr	Static Cor	kg	lbs
SA 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	3.5433 90	2.752 69.9	1.1890 30.2	1.7165 43.6	0.7205 18.3	0.7874 20	0.3973 10	0.2559 6.5	5/16-24 UNF M8 x 1	35070 7884	23180 5211	0.80 0.86 0.83 0.79	1.76 1.89 1.83 1.74
SA 211 211-32 211-34 211-35	55 mm 2 2-1/6 2-3/16	3.9370 100	3.000 76.2	1.2795 32.5	1.9055 48.5	0.8150 20.7	0.8270 21	0.4134 10.5	0.3150 8	3/8-24 UNF M10 x 1.25	43380 9752	29220 6569	0.77 0.95 0.86 0.81	1.69 2.09 1.89 1.78
SA 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	4.3310 110	3.315 84.2	1.4606 37.1	2.0906 53.1	0.8780 22.3	0.8660 22	0.4330 11	0.3150 8	3/8-24 UNF M10 x 1.25	47760 10736	32930 7403	0.99 1.00 0.99 0.98	2.18 2.20 2.18 2.16

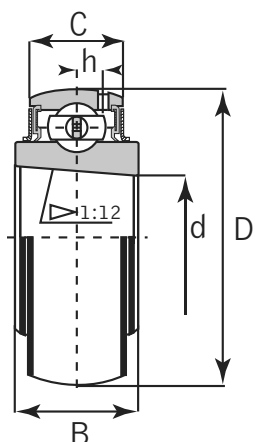
Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)							Basic Load Rating lbf / N	
	d	D	d1	B	B1	B3	C	S	Dynamic Cr	Static Cor
CSA 001F 001-8F 001-9F 002F 002-10F	12 mm 1/2 9/16 15 mm 5/8	1.3780 35	1.000 25.4	0.6250 15.9	0.9375 23.8	0.4375 11.1	0.6250 11	0.2165 5.5	1720 7650	836 3720
CSA 004-F 004-12F	20 mm 3/4	1.6535 42	1.1719 29.8	0.6563 16.7	0.9688 24.6	0.4375 11.1	0.4720 12	0.2362 6	2109 9380	1128 5020
CSA 005F 005-14F 005-15F 005-16F	25 mm 7/8 15/16 1	1.8504 47	1.4219 36.1	0.6875 17.5	1.000 25.4	0.4688 11.9	0.4720 12	0.2362 6	2248 10000	1315 5850
CSA 006F 006-18F 006-19F 006-20F	30 mm 1-1/8 1-3/16 1-1/4	2.1654 55	1.6719 42.5	0.7283 18.5	1.0433 26.5	0.4688 11.9	0.5120 13	0.2559 6.5	2967 13200	1866 8300

Add (G)suffix for regreasable. (ex. SA 211-32G)



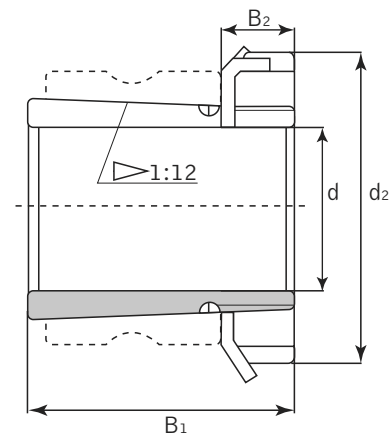
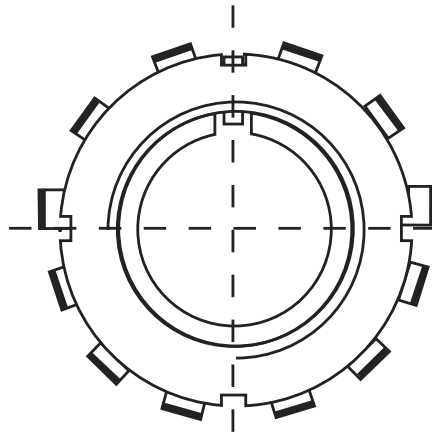
Bearing Insert

Bearing Adapter Style - Normal Style



UK

Part No.	Dimensions (inch / mm)					Basic Load Rating lbf / N		Weight	
	d	D	B	C	h	Dynamic	Static	kg	lbs
UK 205	0.9843 25	1.8504 52	0.9055 23	0.6693 17	0.1535 3.9	2878 14000	1495 7880	0.15	0.33
UK 206	1.1811 30	2.4409 62	1.0236 26	0.7480 19	0.1969 5	4384 19500	2518 11200	0.25	0.55
UK 207	1.3780 35	2.8346 72	1.1417 29	0.7874 20	0.2244 5.7	5777 25700	3417 15200	0.37	0.81
UK 208	1.1496 40	3.1496 80	1.2205 31	0.8268 21	0.2440 6.2	6654 29600	4091 18200	0.48	1.06
UK 209	1.5748 45	3.3465 85	1.2205 31	0.8661 22	0.2520 6.4	7160 31850	4676 20800	0.53	1.17
UK 210	1.9685 50	3.5433 90	1.2598 32	0.9055 23	0.2559 6.5	7890 35100	5215 23200	0.59	1.30
UK 211	2.1654 55	3.9370 100	1.3780 35	1.0630 27	0.2756 7	9790 43550	6564 29200	0.77	1.69
UK 212	2.3622 60	4.3307 110	1.4961 38	1.0630 27	0.2992 7.6	10745 47800	7373 32800	1.03	2.26
UK 213	2.5591 65	4.7244 120	1.5748 40	1.1024 28	0.3346 8.5	12859 57200	8992 40000	1.36	2.99
UK 215	2.9528 75	5.1181 130	1.7323 44	1.1811 30	0.3622 9.2	14837 66000	11128 49500	1.67	3.67
UK 216	3.1496 80	5.5118 140	1.7717 45	1.2598 32	0.3740 9.5	16073 71500	12184 54200	1.96	4.31
UK 217	3.3465 85	5.9055 150	1.8110 46	1.3386 34	0.4016 10.2	18703 83200	14342 63800	2.42	5.32
UK 218	3.5433 90	6.2992 160	1.8504 47	1.4173 36	0.4409 11.2	21558 95900	16073 71500	3.00	6.60



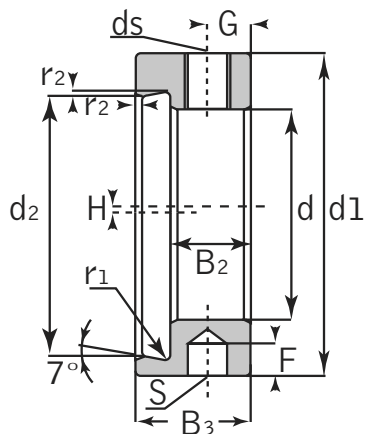
H 2300

Adapter No.	Shaft Dia. (inch / mm)	Dimensions (mm)			Sleeve No.	Locknut No.	Washer No.	Bearing No.
	d	B1	B2	d2				
H 2305 HE 2305	20 mm 3/4	35	8	38	A 2305 AE 2305	KM 05	MB 05	UK 305 UK 205
H 2306 HA 2306 HE 2306 HS 2306	25 mm 7/8 15/16 1	38	8	45	A 2306 AS 2306 AA 2306 AE 2306	KM 06	MB 06	UK 206 UK 306
H 2307 HA 2307 HS 2307	30 mm 1-1/8 1-3/16	43	9	52	A 2307 AS 2307 AA 2307	KM 07	MB 07	UK 207 UK 307
H 2308 HE 2308 HS 2308	35 mm 1-1/4 1-3/8	46	10	58	A 2308 AE 2308 AS 2308	KM 08	MB 08	UK 208 UK 308
H 2309 HA 2309 HE 2309 HS 2309	40 mm 1-7/16 1-1/2 1-5/8	50	11	65	A 2309 AA 2309 AE 2309 AS 2309	KM 09	MB 09	UK 209 UK 309
H 2310 HA 2310 HE 2310 HS 2310	45 mm 1-5/8 1-11/16 1-3/4	55	12	70	A 2310 AS 2310 AA 2310 AE 2310	KM 10	MB 10	UK 210 UK 310
H 2311 HA 2311 HE 2311 HS 2311	50 mm 1-7/8 1-15/16 2	59	12	75	A 2311 AS 2311 AA 2311 AE 2311	KM 11	MB 11	UK 211 UK 311
H 2312 HS 2312	55 mm 2-1/8	62	13	80	A 2312 AS 2312	KM 12	MB 12	UK 212 UK 312
H 2313 HA 2313 HE 2313 HS 2313	60 mm 2-3/16 2-1/4 2-3/8	65	14	85	A 2313 AA 2313 AE 2313 AS 2313	KM 13	MB 13	UK 213 UK 313
H 2315 HA 2315 HE 2315	65 mm 2-7/16 2-1/2	73	15	98	A 2315 AA 2315 AE 2315	KM 15	MB 15	UK 215 UK 315
H 2316 HA 2316 HE 2316	70 mm 2-11/16 2-3/4	78	17	105	A 2316 AA 2316 AE 2316	KM 16	MB 16	UK 216 UK 316
H 2317 HA 2317 HE 2317	75 mm 2-15/16 3	82	18	110	A 2317 AA 2317 AE 2317	KM 17	MB 17	UK 217 UK 317
H 2318	80 mm	86	18	120	A 2318	KM 18	MB 18	UK 218 UK 318



Locking Collar

Eccentric Collar Series

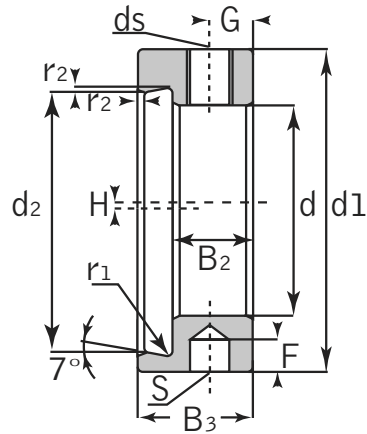


A 200

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)											Mass	
	d	d ₁	d ₂	B ₂	B ₃	H	r ₁	r ₂	G	F	S	d _s	kg	lbs
A 201	12 mm													
201-8	1/2													
202	15 mm	1.1260	0.8503	0.374	0.5315	0.0315	0.0157	0.0315	0.1969	0.1378	0.1969	1/4-28 UNF	0.05	0.11
202-10	5/8	28.6	21.6	9.5	13.5	0.8	0.4	0.8	5	3.5	5	M6 x 1	0.05	0.11
203	17 mm													
203-11	11/16													
A 204	20 mm	1.3110	1.0472	0.374	0.5315	0.0315	0.0157	0.0315	0.1969	0.1575	0.1969	1/4-28 UNF	0.06	0.14
204-12	3/4	33.3	26.6	9.5	13.5	0.8	0.4	0.8	5	4	5	M6 x 1		
A 205	25 mm													
205-14	7/8	1.500	1.2441	0.374	0.5315	0.0315	0.0157	0.0315	0.1969	0.1575	0.1969	1/4-28 UNF	0.06	0.13
205-15	15/16	38.1	31.6	9.5	13.5	0.8	0.4	0.8	5	4	5	M6 x 1	0.07	0.15
205-16	1												0.06	0.13
A 206	30 mm													
206-18	1-1/8	1.7520	1.4921	0.4685	0.6260	0.0315	0.0157	0.0315	0.2362	0.1575	0.1969	1/4-28 UNF	0.10	0.22
206-19	1-3/16	44.5	37.9	11.9	15.9	0.8	0.4	0.8	6	4	5	M6 x 1	0.10	0.22
206-20	1-1/4												0.10	0.22
A 207	35 mm													
207-20	1-1/4	2.1890	1.7598	0.5315	0.6890	0.0315	0.0157	0.0315	0.2559	0.1969	0.2756	5/16-24 UNF	0.18	0.40
207-21	1-5/16	55.6	44.7	13.5	17.5	0.8	0.4	0.8	6.5	5	7	M8 x 1	0.20	0.44
207-22	1-3/8												0.19	0.42
207-23	1-7/16												0.18	0.40
A 208	40 mm													
208-24	1-1/2	2.3740	1.9449	0.5315	0.7205	0.0630	0.0157	0.0472	0.2559	0.1969	0.2756	5/16-24 UNF	0.21	0.46
208-25	1-9/16	60.3	49.4	13.5	18.3	1.6	0.4	1.2	6.5	5	7	M8 x 1	0.20	0.44
													0.21	0.46

Locking Collar

Eccentric Collar Series



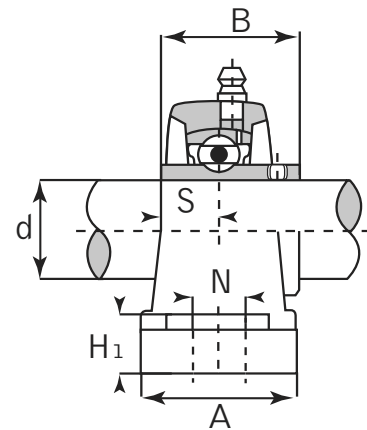
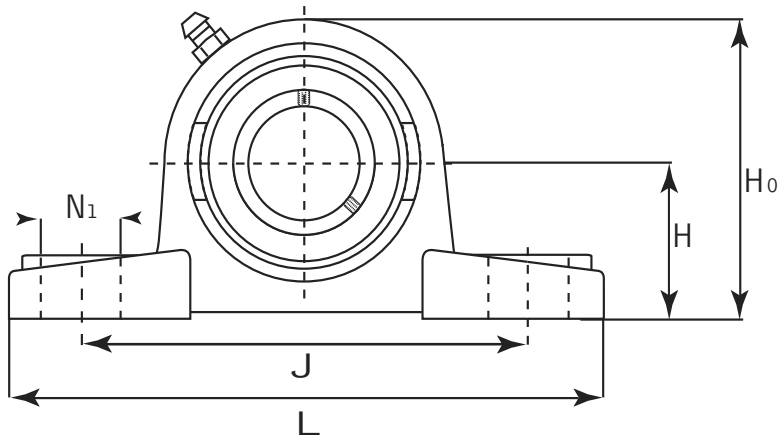
A 200

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)											Mass	
	d	d1	d2	B2	B3	H	r1	r2	G	F	S	ds	kg	lbs
A 209	45 mm													
209-26	1-5/8	2.500	2.1417	0.5315	0.7205	0.0630	0.0157	0.0472	0.2559	0.1969	0.2756	5/16-24 UNF	0.22	0.48
209-27	1-11/16	63.5	54.4	13.5	18.3	1.6	0.4	1.2	6.5	5	7	M8 x 1	0.25	0.55
209-28	1-3/4												0.22	0.48
													0.22	0.48
A 210	50 mm													
210-30	1-7/8	2.7520	2.3228	0.5315	0.7205	0.0630	0.0157	0.0472	0.2559	0.1969	0.2756	5/16-24 UNF	0.24	0.53
210-31	1-15/16	69.9	59	13.5	18.3	1.6	0.4	1.2	6.5	5	7	M8 x 1	0.26	0.57
210-32	2												0.25	0.55
A 211	55 mm													
211-32	2	3.000	2.5906	0.6260	0.8150	0.0630	0.0236	0.0472	0.3150	0.2362	0.3307	3/8-24 UNF	0.32	0.70
211-34	2-1/8	76.2	65.8	15.9	20.7	1.6	0.6	1.2	8	6	8.4	M10 x 1.25	0.36	0.79
211-35	2-3/16												0.33	0.73
													0.27	0.59
A 212	60 mm													
212-36	2-1/4	3.3150	2.8228	0.6260	0.8780	0.0630	0.0236	0.0630	0.3150	0.2362	0.3307	3/8-24 UNF	0.41	0.90
212-38	2-3/8	84.2	71.7	15.9	22.3	1.6	0.6	1.6	8	6	8.4	M10 x 1.25	0.44	0.97
212-39	2-7/16												0.41	0.90
													0.38	0.84
A 213	65 mm													
213-40	2-1/2	3.3858	3.1102	0.6890	0.9252	0.0630	0.0236	0.0630	0.3346	0.2362	0.3307	3/8-24 UNF	0.39	0.86
		86	79	17.5	23.5	1.6	0.6	1.6	8.5	6	8.4	M10 x 1.25	0.41	0.90
A 214	70 mm													
214-43	2-11/16	3.8110	3.2795	0.6732	0.9252	0.0630	0.0236	0.0630	0.3346	0.2362	0.3465	3/8-24 UNF	0.40	0.88
214-44	2-3/4	96.8	83.3	17.1	23.5	1.6	0.6	1.6	8.5	6	8.8	M10 x 1.25		
A 215	75 mm													
215-47	2-15/16	4.0157	3.4646	0.6890	0.9409	0.0630	0.0157	0.0630	0.3346	0.2362	0.3465	3/8-24 UNF	0.63	0.39
215-48	3	102	88	17.5	23.9	1.6	0.4	1.6	8.5	6	8.8	M10 x 1.25	0.61	1.34
A 216	80 mm													
216-50	3-1/8	4.3307	3.7244	0.8110	1.0630	0.0630	0.0157	0.0630	0.4055	0.2756	0.4252	7/16 -20 UNF		
		110	94.6	20.6	27	1.6	0.4	1.6	10.3	7	10.8	M12 x 1.25		
A 217	85 mm													
217-52	3-1/4	4.6850	3.9764	0.8110	1.0630	0.0630	0.0157	0.0630	0.4055	0.3150	0.4252	7/16 -20 UNF		
		119	101	20.6	27	1.6	0.4	1.6	10.3	8	10.8	M12 x 1.25		
A 218	90 mm													
218-56	3-1/2	4.7244	4.1535	0.6889	0.9448	0.9842	0.0157	0.0630	0.3740	0.3150	0.4252	7/16 -20 UNF		
		120	105.5	17.5	24	2.4	0.4	1.6	9.5	8	10.8	M12 x 1.25		



Pillow Block

Normal Duty

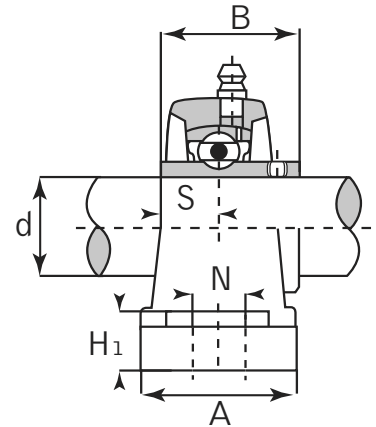
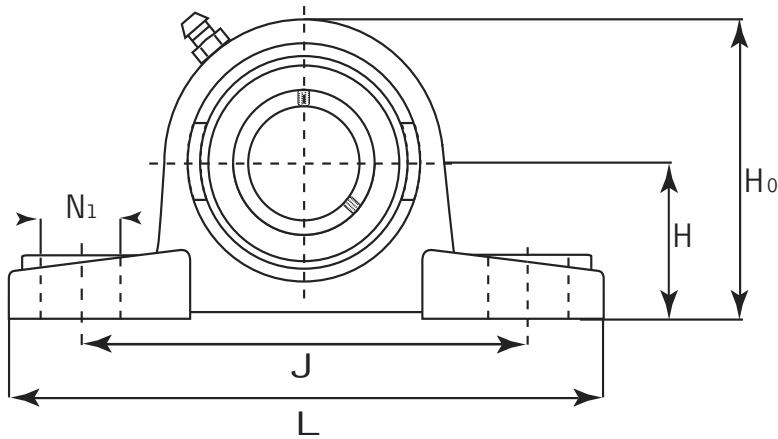


UCP Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	H1	L	J	A	N	N1	S				B	kg
UCP 201 201-8 202 202-9 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 9/16 5/8 17 mm 11/16 20 mm 3/4	1-5/16 33.3	2-9/16 65	9/16 14	5 127	3-3/4 95	1-1/2 38	1/2 13	3/4 19	0.4921 12.5	1.2204 31	3/8 M10	UC 201 201-8 202 202-9 202-10 203 203-11 204 204-12	P 204	0.66	1.45
UCP 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	1-7/16 36.5	2-25/32 71	19/32 15	5-1/2 140	4-1/8 105	1-1/2 38	1/2 13	3/4 19	0.5629 14.3	1.3425 34.1	3/8 M10	UC 205 205-14 205-15 205-16	P 205	0.85	1.87
UCP 206 206-17 206-18 206-19 206-20	30 mm 1-1/16 1-1/8 1-3/16 1-1/4	1-11/16 42.9	3-5/16 84	21/32 17	6-1/2 165	4-3/4 121	1-7/8 48	43/64 17	25/32 20	0.6259 15.9	1.5 38.1	1/2 M14	UC 206 206-17 206-18 206-19 206-20	P 206	1.27	2.80
UCP 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	1-7/8 47.6	3-21/32 93	45/64 18	6-9/16 167	5 127	1-7/8 48	43/64 17	25/32 20	0.6889 17.5	1.6890 42.9	1/2 M14	UC 207 207-20 207-21 207-22 207-23	P 207	1.60	3.50
UCP 208 208-24 208-25	40 mm 1-1/2 1-9/16	1-15/16 49.2	3-15/16 100	45/64 18	7-1/4 184	5-13/32 137	2-1/8 54	43/64 17	25/32 20	0.7480 19	1.9370 42.9	1/2 M14	UC 208 208-24 208-25	P 208	1.90	4.18
UCP 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	2-1/8 54	4-11/64 106	25/32 20	7-15/32 190	5-3/4 146	2-1/8 54	43/64 17	25/32 20	0.7480 19	1.9370 42.9	1/2 M14	UC 209 209-26 209-27 209-28	P 209	2.2	4.9

Pillow Block

Normal Duty



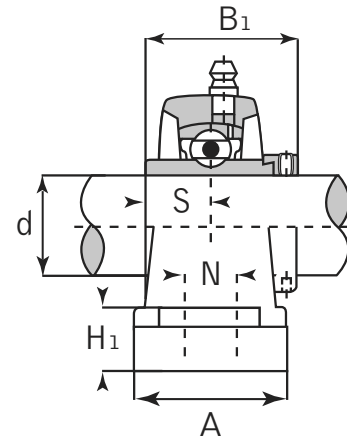
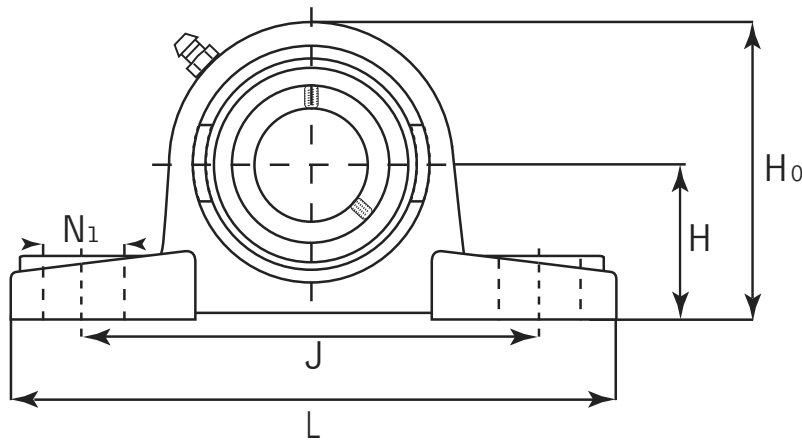
UCP Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	H1	L	J	A	N	N1	S	B			kg	lbs
UCP 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	2-1/4 57.2	4-29/64 113	53/64 21	8-1/8 206	6-1/4 159	2-3/8 60	25/32 20	29/32 23	0.7480 19	2.0315 51.6	5/8 M16	UC 210 210-30 210-31 210-32	P 210	2.75	6.05
UCP 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	2-1/2 63.5	4-49/64 125	29/32 23	8-5/8 219	6-47/64 171	2-3/8 60	25/32 20	29/32 23	0.8740 22.2	2.1890 55.6	5/8 M16	UC 211 211-32 211-34 211-35	P 211	3.46	7.61
UCP 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	2-3/4 69.8	5-7/16 138	63/64 25	9-1/2 241	7-1/4 184	2-3/4 70	25/32 20	29/32 23	1.000 25.4	2.5630 65.1	5/8 M16	UC 212 212-36 212-38 212-39	P 212	5.00	11.00
UCP 213 213-40	65 mm 2-1/2	3 76.2	5-29/32 150	1-1/16 27	10-7/16 265	8 203	2-3/4 70	63/64 25	1-3/32 28	1.000 25.4	2.5630 65.1	3/4 M20	UC 213 213-40	P 213	5.24	11.53
UCP 214 214-43 214-44	70 mm 2-11/16 2-3/4	3-1/8 79.4	6-9/64 156	1-1/16 27	10-15/32 266	8-17/64 210	2-27/32 72	63/64 25	1-3/32 28	1.1889 30.2	2.9370 74.6	3/4 M20	UC 214 214-43 214-44	P 214	6.41	14.10
UCP 215 215-47 215-48	75 mm 2-15/16 3	3-1/4 82.6	6-3/8 162	1-3/32 28	10-53/64 275	8-35/64 217	2-29/32 74	63/64 25	1-3/32 28	1.3110 33.3	3.0630 77.8	3/4 M20	UC 215 215-47 215-48	P 215	7.40	16.00
UCP 216 216-50	80 mm 3-1/8	3-1/2 88.9	6-27/32 174	1-3/8 30	11-1/2 292	9-1/8 232	3-1/16 78	63/64 25	1-3/32 28	1.3110 33.3	3.2520 82.6	3/4 M20	UC 216 216-50	P 216	8.28	18.20
UCP 217 217-52 217-55	85 mm 3-1/4 3-7/16	3-3/4 95.2	7-9/32 185	1-1/4 32	12-13/64 310	9-23/32 247	3-17/64 83	63/64 25	1-3/32 28	1.3425 34.1	3.3740 85.7	3/4 M20	UC 217 217-52 217-55	P 217	10.03	22.07
UCP 218 218-56	90 mm 3-1/2	4 101.6	7-51/64 198	1-19/64 33	12-7/8 327	10-5/16 262	3-15/32 88	1-1/16 27	1-3/16 30	1.5629 39.7	3.7795 96	7/8 M22	UC 218 218-56	P 218	12.07	26.55



Pillow Block

Normal Duty

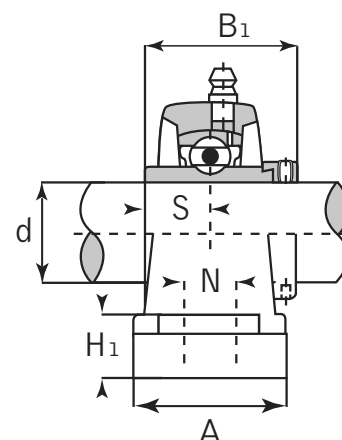
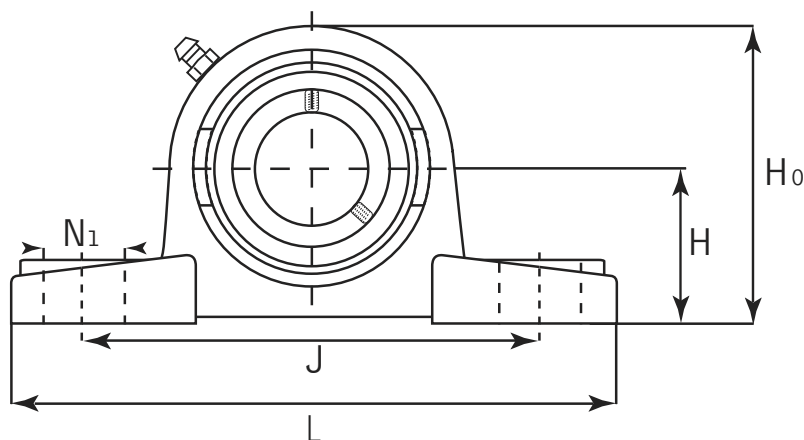


HCP Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Housing No.	Weight																																					
		d	H	H0	H1	L	J	A	N	N1	S				B1	kg	lbs																																			
HCP 201-8 202 202-9 202-10 203 203-11 204 204-12	1/2 15 mm 9/16 5/8 17 mm 11/16 20 mm 3/4	1-5/16 33.3	2-9/16 65	9/16 14	5 127	3-3/4 95	1-1/2 38	1/2 13	5/8 16	0.6732 17.1	1.720 43.7	3/8 M10	HC 201-8 202 202-9 202-10 203 203-11 204 204-12	P 204	0.46 0.46 0.46 0.47 0.48 0.49 0.73 0.73	1.01 1.01 1.01 1.03 1.06 1.08 1.61 1.61																																				
HCP 205 205-14 205-15 205-16	25 mm 7/8 15/16 1												1-7/16 36.5		2-25/32 71	19/32 15	5-1/2 140	4-1/8 105	1-1/2 38	33/64 13	3/4 19	0.6889 17.5	1.748 44.4	3/8 M10	HC 205 205-14 205-15 205-16	P 205	0.83 0.92 0.90 0.88	1.83 2.02 1.98 1.94																								
HCP 206 206-17 206-18 206-19 206-20	30 mm 1-1/16 1-1/8 1-3/16 1-1/4																								1-11/16 42.9		3-5/16 83	5/8 16	6-5/16 160	4-3/4 121	1-3/4 44	9/16 14	3/4 19	0.7204 18.3	1.906 48.4	1/2 M14	HC 206 206-17 206-18 206-19 206-20	P 206	1.37 1.37 1.39 1.37 1.34	3.01 3.01 3.06 3.01 2.95												
HCP 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16																																				1-7/8 47.6		3-21/32 93	23/32 18	6-9/16 167	5 127	1-7/8 48	21/32 17	25/32 20	0.7401 18.8	2.012 51.1	1/2 M14	HC 207 207-20 207-21 207-22 207-23	P 207	1.70 1.77 1.73 1.70 1.67	3.74 3.89 3.81 3.74 3.67
HCP 208 208-24 208-25	40 mm 1-1/2 1-9/16																																																1-15/16 49.2		3-15/16 100	23/32 18

Pillow Block

Normal Duty



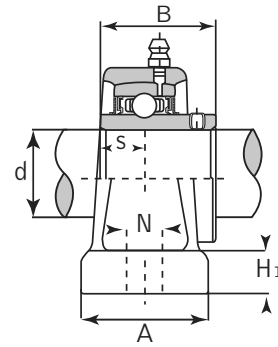
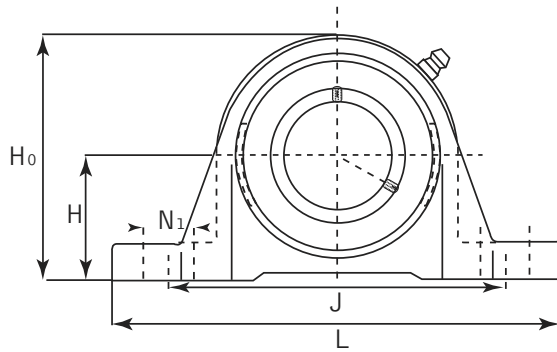
HCP Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	H1	L	J	A	N	N1	S				B1	kg
HCP 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	2-1/8 54 54 54	4-3/16 106 106 106	25/32 20 20 20	7-15/32 190 190 190	5 3/4 146 146 146	2-1/8 54 54 54	21/32 17 17 17	25/32 20 20 20	0.8425 21.4 21.4 21.4	2.217 56.3 56.3 56.3	1/2 M14 M14 M14	HC 209 209-26 209-27 209-28	P 209	2.31 2.42 2.37 2.33	5.08 5.32 5.21 5.13
HCP 210 210-30 210-31	50 mm 1-7/8 1-15/16	2-1/4 57.2 57.2	4-29/64 113 113	53/64 21 21	8-1/8 206 206	6-1/4 159 159	2-3/8 60 60	25/32 20 20	29/32 23 23	0.9685 24.6 24.6	2.469 62.7 62.7	5/8 M16 M16	HC 210 210-30 210-31	P 210	2.85 2.94 2.88	6.27 6.47 6.34
HCP 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	2-1/2 63.5 63.5 63.5	4-59/64 125 125 125	29/32 23 23 23	8-5/8 219 219 219	6-47/64 171 171 171	2-3/8 60 60 60	25/32 20 20 20	29/32 23 23 23	1.0944 27.8 27.8 27.8	2.811 71.4 71.4 71.4	5/8 M16 M16 M16	HC 211 211-32 211-34 211-35	P 211	3.52 3.72 3.57 3.49	7.74 8.18 7.85 7.68
HCP 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	2-3/4 69.8 69.8 69.8	5-7/16 138 138 138	63/64 25 25 25	9-1/2 241 241 241	7-1/4 184 184 184	2-3/4 70 70 70	25/32 20 20 20	29/32 23 23 23	1.2204 31 31 31	3.063 77.8 77.8 77.8	5/8 M16 M16 M16	HC 212 212-36 212-38 212-39	P 212	5.24 5.40 5.26 5.13	11.53 11.88 11.57 11.29
HCP 213 213-40	65 mm 2-1/2	3 76.2	5-29/32 150	1-1/16 27	10-7/16 265	8 203	2-3/4 70	63/64 25	1-3/32 28	1.3425 34.1	3.374 85.7	3/4 M20	HC 213 213-40	P 213	5.71 5.81	12.56 12.78
HCP 214 214-43 214-44	70 mm 2-11/16 2-3/4	3-1/8 79.4 79.4	6-9/64 156 156	1-1/16 27 27	10-15/32 266 266	8-17/64 210 210	2-27/32 72 72	63/64 25 25	1-3/32 28 28	1.3425 34.1 34.1	3.374 85.7 85.7	3/4 M20 M20	HC 214 214-43 214-44	P 214	6.70 6.94 6.83	14.74 15.27 15.03
HCP 215 215-47 215-48	75 mm 2-15/16 3	3-1/4 82.6 82.6	6-3/8 162 162	1-3/32 28 28	10-53/64 275 275	8-35/64 217 217	2-29/32 74 74	63/64 25 25	1-3/32 28 28	1.4685 37.3 37.3	3.626 92.1 92.1	3/4 M20 M20	HC 215 215-47 215-48	P 215	7.79 7.96 7.83	17.14 17.51 17.23
HCP 216 216-50	80 mm 3-1/8	3-1/2 88.9	6-27/32 174	1-3/16 30	11-1/2 292	9-1/8 232	3-5/64 78	63/64 25	1-3/16 30	1.4685 37.3	3.748 95.2	3/4 M20	HC 216 216-50	P 216	8.30	18.26
HCP 217 217-52	85 mm 3-1/4	3-3/4 95.2	7-5/16 186	1-1/4 32	12-13/64 310	9-23/32 247	3-17/64 83	63/64 25	1-3/16 30	0.9212 23.4	2.882 73.2	3/4 M20	HC 217 217-52	P 217	10.17	
HCP 218 218-56	90 mm 3-1/2	4 101.6	7-25/32 198	1-19/64 33	12-53/64 326	10-5/16 262	3-29/64 88	1-1/16 27	1 3/16 30	0.9646 24.5	2.854 72.5	11/16 M22	HC 218 218-56	P 218	12.28	



Pillow Block

Normal Duty

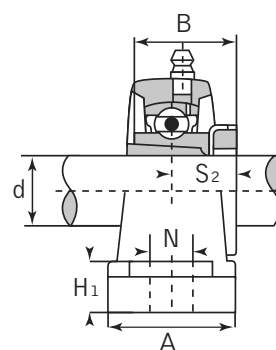
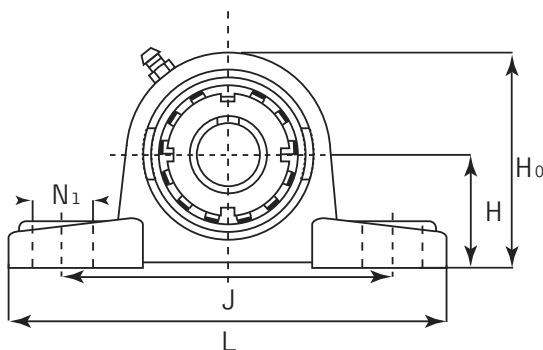


UCPE Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Housing No.	Weight	
	d	H	H0	H1	L	J	A	N	N1	S	B				kg	lbs
UCPE 201-8 202 202-9 202-10 203 203-11 204 204-12	1/2 15 mm 9/16 5/8 17 mm 11/16 20 mm 3/4	1-5/16 33.3	2-9/16 65	19/32 15	5 127	3-3/4 95	1-1/2 38	1/2 13	5/8 16	0.500 12.7	1.2205 31	3/8 M10	UC 201-8 202 202-9 202-10 203 203-11 204 204-12	PE 204	0.8	1.76
UCPE 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	1-7/16 36.5	2-3/4 70	5/8 16	5-1/2 140	4-1/8 105	1-1/2 38	1/2 13	5/8 16	0.5629 14.3	1.339 34	3/8 M10	UC 205 205-14 205-15 205-16	PE 205	1	2.2
UCPE 206 206-17 206-18 206-19 206-20	30 mm 1-1/16 1-1/8 1-3/16 1-1/4	1-11/16 42.9	3-9/32 83	23/32 18	6-1/2 165	4-49/64 121	1-7/8 48	21/32 17	13/16 21	0.6259 15.9	1.5 38.1	1/2 M14	UC 206 206-17 206-18 206-19 206-20	PE 206	1.6	3.5
UCPE 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	1-7/8 47.6	3-11/16 94	3/4 19	6-9/16 167	5 127	1-7/8 48	21/32 17	13/16 21	0.6889 17.5	1.689 42.9	1/2 M14	UC 207 207-20 207-21 207-22 207-23	PE 207	2.1	4.6
UCPE 208 208-24 208-25	40 mm 1-1/2 1-9/16	1-15/16 49.2	3-15/16 100	3/4 19	7-1/4 184	5-25/64 137	2-1/8 54	21/32 17	31/32 25	0.7480 19	1.937 49.2	1/2 M14	UC 208 208-24 208-25	PE 208	2.6	5.7
UCPE 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	2-1/8 54	4-1/4 108	25/32 20	7-15/32 190	5-3/4 146	2-1/8 54	21/32 17	31/32 25	0.7480 19	1.937 49.2	1/2 M14	UC 209 209-26 209-27 209-28	PE 209	3	6.6
UCPE 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	2-1/4 57.2	4-1/2 114	7/8 22	8-1/8 206	6-1/4 159	2-3/8 60	25/32 20	31/32 23	0.7480 19	2.0315 51.6	5/8 M16	UC 210 210-30 210-31 210-32	PE 210	3.6	7.9
UCPE 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	2-1/2 63.5	4-31/32 126	7/8 22	8-5/8 219	6-23/32 171	2-3/8 60	25/32 20	31/32 23	0.8740 22.2	2.1890 55.6	5/8 M16	UC 211 211-32 211-34 211-35	PE 211	4.4	9.7
UCPE 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	2-3/4 69.8	5-7/16 138	31/32 25	9-1/2 241	7-1/4 184	2-3/4 70	25/32 20	31/32 25	1.000 25.4	2.5630 65.1	5/8 M16	UC 212 212-36 212-38 212-39	PE 212	6.2	13.6
UCPE 213 213-40	65 mm 2-1/2	3 76.2	5-29/32 150	1-1/16 27	10-7/16 265	8 203	2-3/4 70	31/32 25	1-3/16 29	1.000 25.4	2.5630 65.1	3/4 M20	UC 213 213-40	PE 213	7	15.4
UCPE 214 214-43 214-44	70 mm 2-11/16 2-3/4	3-1/8 79.4	6-3/16 156	1-1/16 27	10-15/32 266	8-9/32 210	2-27/32 72	31/32 25	1-1/4 31	1.1889 30.2	2.9370 74.6	3/4 M20	UC 214 214-43 214-44	PE 214	7.6	16.7
UCPE 215 215-47 215-48	75 mm 2-15/16 3	3-1/4 82.6	6-13/32 162	1-3/32 28	10-13/16 275	8-17/32 217	2-29/32 74	31/32 25	1-1/4 31	1.3110 33.3	3.0630 77.8	3/4 M20	UC 215 215-47 215-48	PE 215	8.5	18.7

Pillow Block

Normal Duty



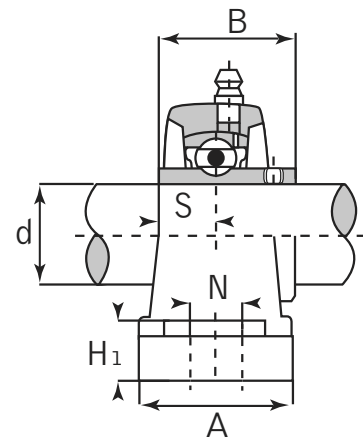
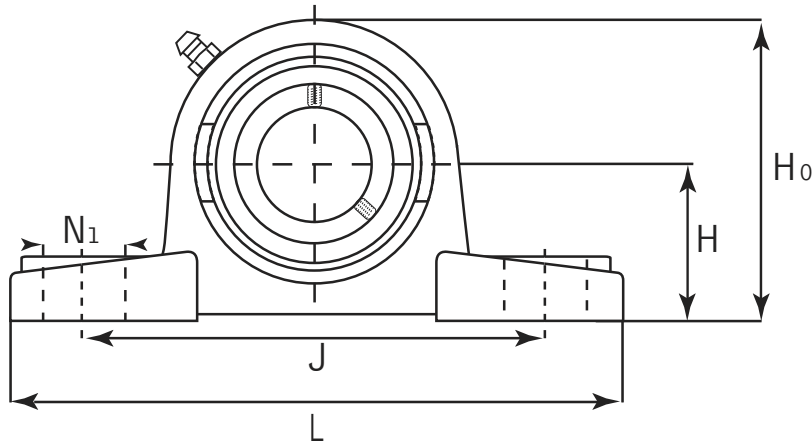
UKP+H Adapter Sleeve Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Adaptor No.	Housing No.	Mass	
	d	H	H0	H1	L	J	A	N	N1	S2	B					kg	lbs
UKP 205 + H 2305 + HE 2305	20 mm 3/4	1-7/16 36.5	2-25/32 71	19/32 15	5-1/2 140	4-1/8 105	1-1/2 38	1/2 13	3/4 19	0.7283 19.5	1-3/88 35	3/8 M 10	UK 205	H 2305 HE 2305	P 205	0.86	1.89
UKP 206 + H 2306 + HA 2300 + HE 2306 + HS 2306	25 mm 7/8 15/16 1	1-11/16 42.9	3-5/16 84	43/64 17	6-1/2 165	4-3/4 121	1-7/8 48	43/64 17	25/32 20	0.8071 20.5	1-31/64 38	1/2 M 14	UK 206	H 2306 HA 2300 HE 2306 HS 2306	P 206	1.28	2.82
UKP 207 + H 2307 + HS 2307	30 mm 1-1/8	1-7/8 47.6	3-21/32 93	45/64 18	6-9/16 167	5 127	1-7/8 48	43/64 17	25/32 20	0.8858 22.5	1-11/16 43	1/2 M 14	UK 207	H 2307 HS 2307	P 207	1-7/8	4.11
UKP 208 + H 2308 + HE 2308 + HS 2308	35 mm 1-1/4 1-3/8	1-15/16 49.2	3-15/16 100	45/64 18	7-1/4 184	5-13/32 137	2-1/8 54	43/64 17	25/32 20	0.9646 24.5	1-13/16 46	1/2 M 14	UK 208	H 2308 HE 2308 HS 2308	P 208	1.99	4.38
UKP 209 + H 2309 + HA 2309 + HE 2309 + HS 2309	40 mm 1-7/16 1-1/2 1-5/8	2-1/8 54	4-11/64 106	25/32 20	7-15/32 190	5-3/4 146	2-1/8 54	43/64 17	25/32 20	1.0236 26	1-31/32 50	1/2 M 14	UK 209	H 2309 HA 2309 HE 2309 HS 2309	P 209	1.29	2.84
UKP 210 + H 2310 + HA 2310 + HE 2310 + HS 2310	45 mm 1-5/8 1-11/16 1-3/4	2-1/4 57.2	4-29/64 113	53/64 21	8-1/8 206	6-1/4 159	2-3/8 60	25/32 20	29/32 23	1.0827 27.5	2-11/64 55	5/8 M 16	UK 210	H 2310 HA 2310 HE 2310 HS 2310	P 210	2.83	6.23
UKP 211 + H 2311 + HA 2311 + HE 2311 + HS 2311	50 mm 1-7/8 1-15/16 2	2-1/2 63.5	4-59/64 125	29/32 23	8-5/8 219	6-47/64 171	2-3/8 60	25/32 20	29/32 23	1.1220 28.5	2-21/64 59	5/8 M 16	UK 211	H 2311 HA 2311 HE 2311 HS 2311	P 211	3.46	7.61
UKP 212 + H 2312 + HS 2312	55 mm 2-1/8	2-3/4 69.8	5-7/16 138	63/64 25	9-1/2 241	7-1/4 184	2-3/4 70	25/32 20	29/32 23	1.2205 31	2-7/16 62	5/8 M 16	UK 212	H 2312 HS 2312	P 212	4.95	10.89
UKP 213 + H 2313 + HA 2313 + HE 2313 + HS 2313	60 mm 2-3/16 2-1/4 2-3/8	3 76.2	5-29/32 150	1-1/16 27	10-7/16 265	8 203	2-3/4 70	63/64 25	1-3/32 28	1.2598 32	2-9/16 65	3/4 M 20	UK 213	H 2313 HA 2313 HE 2313 HS 2313	P 213	5.06	11.13
UKP 215 + H 2315 + HA 2315 + HE 2315	65 mm 2-7/16 2-1/2	3-1/4 82.6	6-3/8 162	1-3/32 28	10-53/64 275	8-35/64 217	2-29/32 74	63/64 25	1-3/32 28	1.3976 35.5	2-7/8 73	3/4 M 20	UK 215	H 2315 HA 2315 HE 2315	P 215	7.27	15.99
UKP 216 + H 2316 + HA 2316 + HE 2316	70 mm 2-11/16 2-3/4	3-1/2 88.9	6-27/32 174	1-3/16 30	11-1/2 292	9-1/8 232	3-1/16 78	63/64 25	1-3/32 28	1.5354 39	3-5/64 78	3/4 M 20	UK 216	H 2316 HA 2316 HE 2316	P 216	8.36	18.39
UKP 217 + H 2317 + HA 2317 + HE 2317	75 mm 2-15/16 3	3-3/4 95.2	7-9/32 185	1-1/4 32	12-13/64 310	9-23/32 247	3-17/64 83	63/64 25	1-3/32 28	1.5748 40	3-15/64 82	3/4 M 20	UK 217	H 2317 HA 2317 HE 2317	P 217	10.23	22.51
UKP 218 + H 2318	80 mm	4	7-51/64	1-19/64	12-7/8	10-5/16	3-15/32	1-1/16	1-3/16	1.6535	3-25/64	7/8 M 22	UK 218	H 2318	P 218	12.34	27.15



Pillow Block

Medium Duty

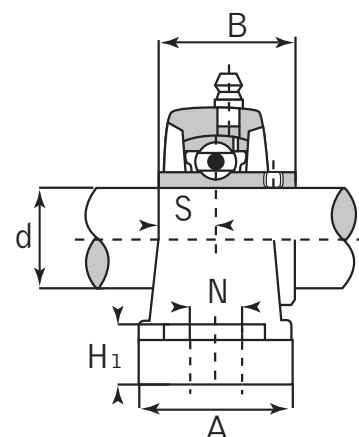
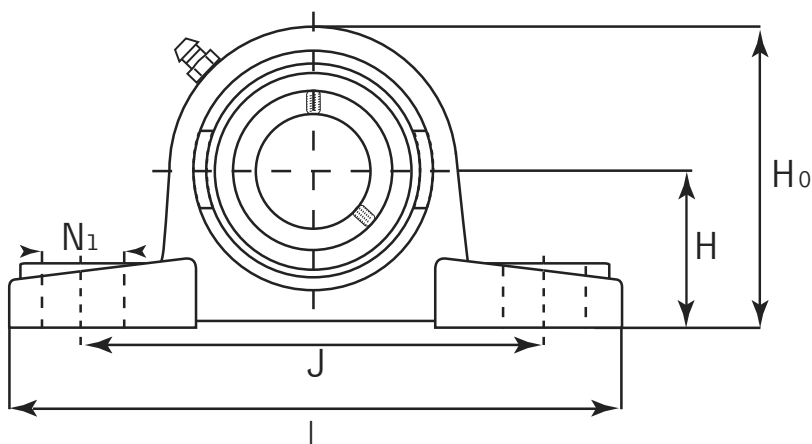


UCPX Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	H1	L	J	A	N	N1	S	B			kg	lbs
UCPX 05 05-14 05-15 05-16	25 mm 7/8 15/16 1	1-3/4 44.4	3-11/32 85	23/32 18	6-1/4 159	4-11/16 119	2 51	43/64 17	25/32 20	0.6259 15.9	1.500 38.1	1/2 M14	UCX 05 05-14 05-15 05-16	PX 05	1.50	3.30
UCPX 06 06-18 06-19 06-20	30 mm 1-1/8 1-3/16 1-1/4	1-7/8 47.6	3-21/32 93	25/32 20	6-7/8 175	5 127	2-1/4 57	43/64 17	25/32 20	0.6889 17.5	1.6889 42.9	1/2 M14	UCX 06 06-18 06-19 06-20	PX 06	2.00	4.40
UCPX 07 07-21 07-22 07-23	35 mm 1-5/16 1-3/8 1-7/16	2-1/8 54	4-1/8 105	13/16 21	8 203	5-21/32 144	2-1/4 57	43/64 17	25/32 20	0.7480 19	1.6889 49.2	1/2 M14	UCX 07 07-21 07-22 07-23	PX 07	2.60	5.72
UCPX 08 08-24 08-25	40 mm 1-1/2 1-9/16	2-5/16 58.7	4-3/8 111	1-1/32 26	8-3/4 222	6-5/32 156	2-5/8 67	25/32 20	29/32 23	0.7480 19	1.6889 49.2	5/8 M16	UCX 08 08-24 08-25	PX 08	3.30	7.26
UCPX 09 09-26 09-27 09-28	45 mm 1-5/8 1-11/16 1-3/4	2-5/16 58.7	4-9/16 116	1-1/32 26	8-3/4 222	6-5/32 156	2-5/8 67	25/32 20	29/32 23	0.7480 19	2.0979 51.6	5/8 M16	UCX 09 09-26 09-27 09-28	PX 09	3.30	7.26
UCPX 10 10-30 10-31 10-32	50 mm 1-7/8 1-15/16 2	2-1/2 63.5	4-31/32 126	1-1/16 27	9-1/2 241	6-47/64 171	2-7/8 73	25/32 20	29/32 23	0.8740 22.2	2.1889 55.6	5/8 M16	UCX 10 10-30 10-31 10-32	PX 10	4.30	9.46
UCPX 11 11-35 11-36	55 mm 2-3/16 2-1/4	2-3/4 69.8	5-13/32 137	1-3/16 30	10-1/4 260	7-1/4 184	3-1/8 79	31/32 25	1-3/32 28	1.000 25.4	2.5629 65.1	3/4 M20	UCX 11 11-35 11-36	PX 11	5.70	12.54

Pillow Block

Medium Duty



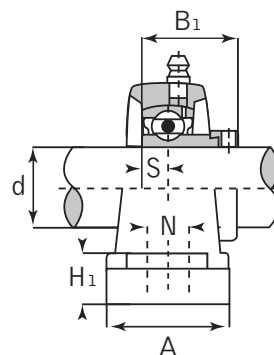
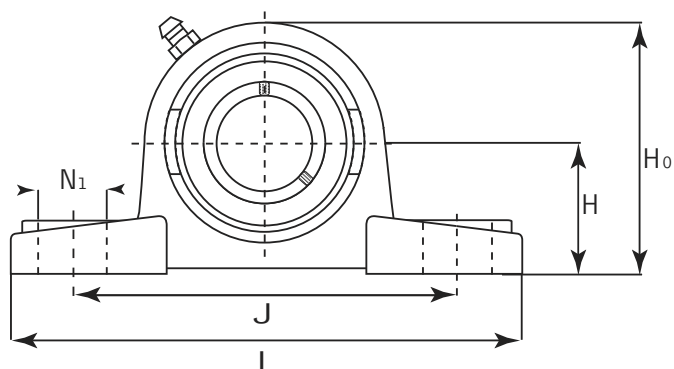
UCPX Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	H1	L	J	A	N	N1	S	B			kg	lbs
UCPX 12 12-38 12-39	60 mm 2-3/8 2-7/16	3 76.2	5-15/16 151	1-5/16 33	11-1/4 286	8 203	3-9/32 83	31/32 25	1-3/32 28	1.000 25.4	2.5629 65.1	3/4 M20	UCX 12 12-38 12-39	PX 12	7.30	16.06
UCPX 13 13-40	65 mm 2-1/2	3 76.2	6-1/16 154	1-5/16 33	11-1/4 286	8 203	3-9/32 83	31/32 25	1-3/32 28	1.1889 30.2	2.9370 74.6	3/4 M20	UCX 13 13-40	PX 13	7.60	16.72
UCPX 14 14-44	70 mm 2-3/4	3-1/2 88.9	6-11/16 170	1-3/8 35	13 330	9-1/32 229	3-1/2 89	1-1/16 27	1-3/16 30	1.3110 33.3	3.0629 77.8	7/8 M22	UCX 14 14-44	PX 14	9.90	21.78
UCPX 15 15-47 15-48	75 mm 2-15/16 3	3-1/2 88.9	6-7/8 175	1-3/8 35	13 330	9-1/32 229	3-1/2 89	1-1/16 27	1-3/16 30	1.3110 33.3	3.2519 82.6	7/8 M22	UCX 15 15-47 15-48	PX 15	11.00	24.20
UCPX 16 16-50	80 mm 3-1/8	4 101.6	7-5/8 194	1-9/16 40	15 381	11-5/32 283	4-1/32 102	1-1/16 27	1-3/16 30	1.3425 34.1	3.3740 85.7	3/4 M22	UCX 16 16-50	PX 16	15.00	33.00
UCPX 17 17-52 17-55	85 mm 3-1/4 3-7/16	4 101.6	7-7/8 200	1-9/16 40	15 381	11-5/32 283	4-1/32 102	1-1/16 27	1-3/16 30	1.5236 38.7	3.7795 96	7/8 M22	UCX 17 17-52 17-55	PX 17	16.00	35.20
UCPX 18 18-56	90 mm 3-1/2	4 101.6	8-7/64 206	1-37/64 40	15 381	11-5/32 283	4-3/8 111	1-1/16 27	1-3/16 30	1.6889 42.9	4.0944 104	7/8 M22	UCX 18 18-56	PX 18	17.00	37.40
UCPX 20 20-63 20-64	100 mm 3-15/16 4	5 127	9-39/64 244	1-25/32 45	17 432	13-9/32 337	4-3/4 121	1-5/16 33	1-27/64 36	1.9370 49.2	4.6259 117.5	1 M27	UCX 20 20-63 20-64	PX 20	30.00	66.00

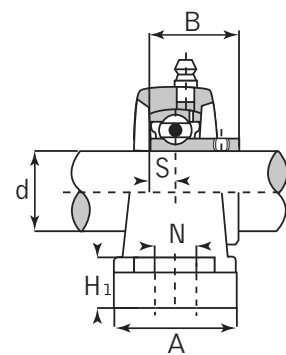


Pillow Block

Light Duty



SALP-G



SBLP-G

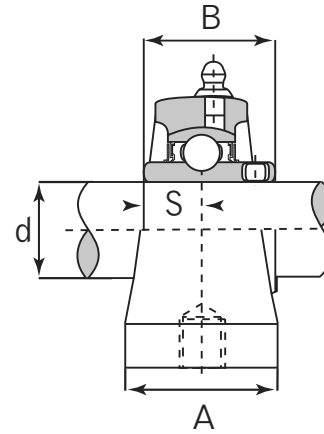
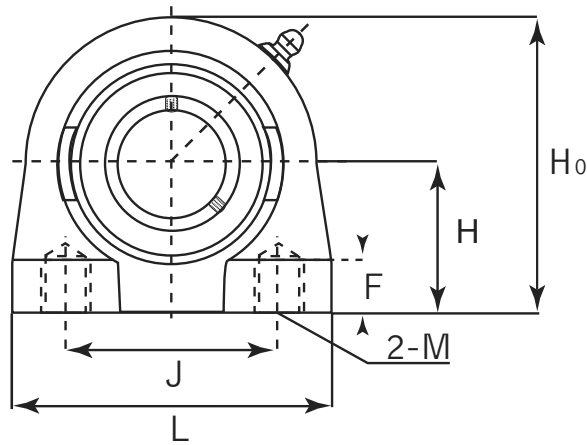
SALP-G Eccentric Locking Collar SBLP-G Set Screw Locking

Unit No. SALP-G SBLP-G	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								SALP -G		SBLP - G		Bolt Size	Bearing No. SA-G SB-G	Housing No.	Mass	
		d	H	H0	H1	L	J	A	N	N1	S	B1	S				B	kg
201G 201-8G 202G 202-10G 203G 203-11G	12 mm 1/2 15 mm 5/8 17 mm 11/16														201G 201-8G 202G 202-10G 203G 203-11G	LP 203	0.6	1.32
204G 204-12G	20 mm 3/4	1-5/16 33.3	2-1/2 63.8	9/16 14	4-29/32 125	3-13/16 97	1-1/16 27	29/64 11.5	5/8 16	0.2952 7.5	1.2165 30.9	0.2755 7	0.9842 25	3/8 M10	204G 204-12G	LP 204	0.7	1.43
205G 205-14G 205-15G 205-16G	25 mm 7/8 15/16 1	1-7/16 36.5	2-47/64 69.5	19/32 15	5-1/8 130	3-15/16 100	1-5/32 29	29/64 11.5	5/8 16	0.2952 7.5	1.2165 30.9	0.2952 7.5	1.0629 27	3/8 M10	205G 205-14G 205-15G 205-16G	LP 205	0.7	1.43
206G 206-18G 206-19G 206-20G	30 mm 1-1/8 1-3/16 1-1/4	1-11/16 42.9	3-5/16 84	5/8 16	6-9/64 156	4-3/4 121	1-19/64 33	35/64 14	13/16 21	0.3543 9	1.4055 35.7	0.3149 8	1.1811 30	1/2 M14	206G 206-18G 206-19G 206-20G	LP 206	1.2	2.5
207G 207-20G 207-21G 207-22G 207-23G	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	1-7/8 47.6	3-21/32 93	5/8 16	6-1/2 165	5 127	1-3/8 35	35/64 14	13/16 21	0.3740 9.5	1.5314 38.9	0.3346 8.5	1.2598 32	1/2 M14	207G 207-20G 207-21G 207-22G 207-23G	LP 207	1.6	3.5
208G 208-24G 208-25G	40 mm 1-1/2 1-9/16	2 50.8	4-1/64 102	45/64 18	7-1/4 184	5-1/2 140	1-29/64 37	35/64 14	7/8 22	0.3740 9.5	1.5944 40.5	0.3543 9	1.3385 34	1/2 M14	208G 208-24G 208-25G	LP 208	1.9	4.2



Pillow Block

Normal Duty

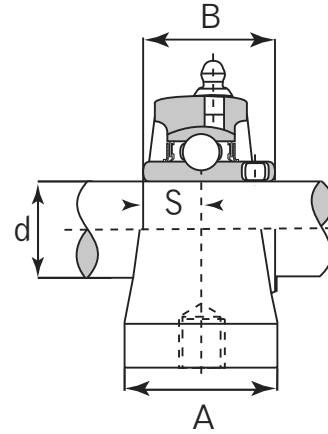
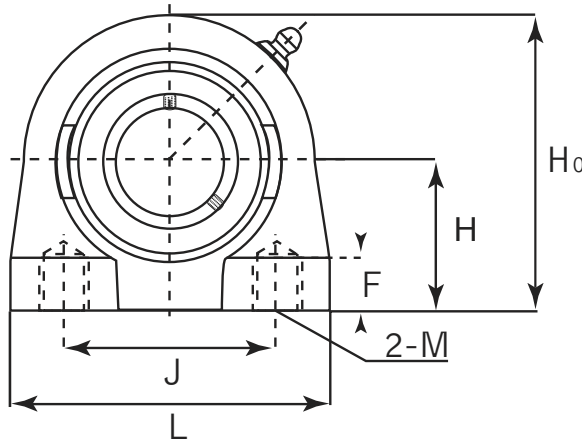


UCPA Taped Base

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	L	J	A	B	S				kg	lbs
UCPA 204 204-12	20 mm 3/4	1-3/16 30.2	2-7/16 62	3 76	2-3/64 52	1-9/16 40	1.2204 31	0.500 12.7	7/16 11	M 10 x 1.5	UC 204 204-12	PA 204	0.56 0.56	1.25 1.25
UCPA 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	1-7/16 36.5	2-53/64 72	3-5/16 84	2-13/64 56	1-1/2 38	1.3425 34.1	0.5629 14.3	15/32 12	M 10 x 1.5	UC 205 205-14 205-15 205-16	PA 205	0.83 0.86 0.84 0.83	1.83 1.89 1.85 1.83
UCPA 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	1-11/16 42.9	3-5/16 84	3-45/64 94	2-19/32 66	1-31/32 50	1.5 38.1	0.6259 15.9	15/32 12	M 14 x 2	UC 206 206-18 206-19 206-20	PA 206	1.12 1.14 1.12 1.11	2.46 2.51 2.46 2.44
UCPA 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	1-7/8 47.6	3-47/64 95	4-21/64 110	3-5/32 80	2-11/64 55	1.6889 42.9	0.6889 17.5	33/64 13	M 14 x 2	UC 207 207-20 207-21 207-22 207-23	PA 207	1.48 1.48 1.54 1.48 1.45	3.26 3.26 3.39 3.26 3.19
UCPA 208 208-24 208-25	40 mm 1-1/2 1-9/16	1-15/16 42.9	3-15/16 100	4-9/16 116	3-5/16 84	2-9/32 58	1.9370 49.2	0.7480 19	33/64 13	M 14 x 2	UC 208 208-24 208-25	PA 208	1.89 1.93 1.90	4.16 4.25 4.18
UCPA 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	2-9/64 54.2	4-1/4 108	4-23/32 120	3-35/64 90	2-23/64 60	1.9370 49.2	0.7480 19	33/64 13	M 14 x 2	UC 209 209-26 209-27 209-28	PA 209	1.98 2.08 2.04 2.00	4.36 4.58 4.49 4.40
UCPA 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	2-1/4 57.2	4-9/16 116	5-1/8 130	3-45/64 94	2-33/64 64	2.0314 51.6	0.7480 19	35/64 14	M 16 x 2	UC 210 210-30 210-31 210-32	PA 210	2.16 2.23 2.16 2.14	4.75 4.91 4.75 4.71
UCPA 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	2-1/2 63.5	4-59/64 125	5-33/64 140	4-3/32 104	2-19/32 66	2.1889 55.6	0.8740 22.2	35/64 14	M 16 x 2	UC 211 211-32 211-34 211-35	PA 211	3.26 3.41 3.30 3.24	7.17 7.50 7.26 7.13
UCPA 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	2-3/4 69.9	5-7/16 138	5-29/32 150	4-31/64 114	2-43/64 68	2.5629 65.1	1.000 25.4	19/32 15	M 16 x 2	UC 212 212-36 212-38 212-39	PA 212	4.19 4.32 4.17 4.10	9.22 9.50 9.17 9.02

Pillow Block

Normal Duty



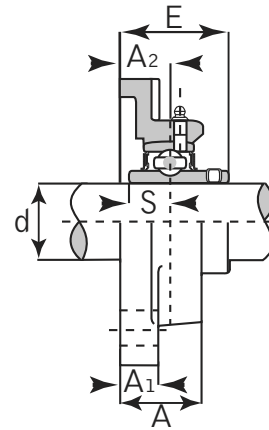
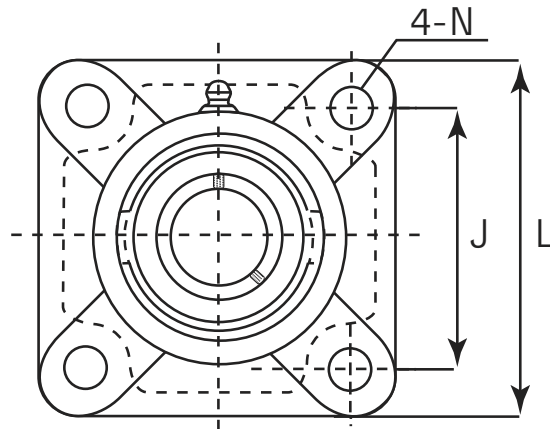
UCTB Taped Base

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	L	J	A	B	S				kg	lbs
UCTB 204 204-12	20 mm 3/4	1-5/16 33.3	2-33/64 64	2-9/16 65	2 50.8	1-17/64 32	1.2204 31	0.500 12.7	37/64 14.5	3/8-16 UNC	UC 204 204-12	TB 204	0.46 0.46	1.01 1.01
UCTB 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	1-7/16 36.5	2-3/4 70	2-3/4 70	2 50.8	1-27/64 36	1.3425 34.1	0.5629 14.3	33/64 13	3/8-16 UNC	UC 205 205-14 205-15 205-16	TB 205	0.67 0.70 0.68 0.67	1.47 1.54 1.50 1.47
UCTB 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	1-11/16 42.9	3-15/64 82	3-55/64 98	3 76.2	1-37/64 40	1.5 38.1	0.6259 15.9	5/8 16	7/16-14 UNC	UC 206 206-18 206-19 206-20	TB 206	1.12 1.14 1.12 1.11	2.46 2.51 2.46 2.44
UCTB 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	1-7/8 47.6	3-21/32 93	4-1/16 103	3-1/4 82.6	1-49/64 45	1.6889 42.9	0.6889 17.5	3/4 19	1/2-13 UNC	UC 207 207-20 207-21 207-22 207-23	TB 207	1.38 1.44 1.41 1.38 1.35	3.04 3.17 3.10 3.04 2.97
UCTB 208 208-24 208-25	40 mm 1-1/2 1-9/16	1-15/16 49.2	3-57/64 99	4-9/16 116	3-1/2 88.9	1-57/64 48	1.6889 49.2	0.7480 19	3/4 19	1/2-13 UNC	UC 208 208-24 208-25	TB 208	1.86 1.90 1.87	4.09 4.18 4.11
UCTB 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	2-1/8 53.9	4-7/32 107	4-23/32 120	3-3/4 95.3	1-57/64 48	1.6889 49.2	0.7480 19	3/4 19	1/2-13 UNC	UC 209 209-26 209-27 209-28	TB 209	1.92 2.02 1.98 1.94	4.22 4.44 4.36 4.27
UCTB 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	2-1/4 57.2	4-17/32 115	5-5/16 135	4 101.6	2-1/8 54	2.0314 51.6	0.7480 19	55/64 22	5/8-11 UNC	UC 210 210-30 210-31 210-32	TB 210	2.24 2.31 2.26 2.22	4.93 5.08 4.97 4.88



Four-Bolt Holes Flange Unit

Normal Duty

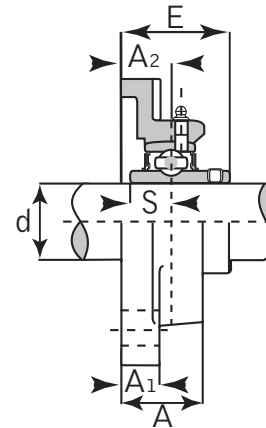
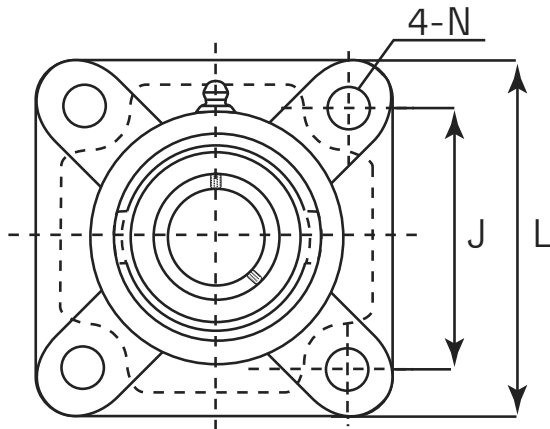


UCF Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E				S	kg
UCF 201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 11/16	3-3/8 86	2-33/64 64	1 25.4	15/32 12	19/32 15	15/32 12	1-5/16 33.3	0.500 12.7	3/8 M10	UC 201 201-8 202 202-10 203 203-11	F 204	0.7	1.5
UCF 204 204-12	20 mm 3/4	3-3/8 86	2-33/64 64	1 25.4	15/32 12	19/32 15	15/32 12	1-5/16 33.3	0.500 12.7	3/8 M10	UC 204 204-12	F 204	0.6	1.3
UCF 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-3/4 95	2-3/4 70	1-1/16 27	35/64 14	5/8 16	15/32 12	1-13/32 35.8	0.5629 14.3	3/8 M10	UC 205 205-14 205-15 205-16	F 205	0.8	1.8
UCF 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-1/4 108	3-1/4 82.6	1-7/32 31	35/64 14	45/64 18	15/32 12	1-37/64 40.2	0.6259 15.9	3/8 M10	UC 206 206-18 206-19 206-20	F 206	1.0	2.2
UCF 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-39/64 117	3-5/8 92	1-11/32 34	5/8 16	3/4 19	35/64 14	1-3/4 44.4	0.6889 17.5	7/16 M12	UC 207 207-20 207-21 207-22 207-23	F 207	1.4	3.1
UCF 208 208-24 208-25	40 mm 1-1/2 1-9/16	5-1/8 130	4-1/64 102	1-13/32 36	5/8 16	53/64 21	5/8 16	2-1/64 51.2	0.7480 19	1/2 M14	UC 208 208-24 208-25	F 208	1.8	4.0
UCF 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	5-13/32 137	4-9/64 105	1-1/2 38	23/32 18	55/64 22	5/8 16	2-1/16 52.2	0.7480 19	1/2 M14	UC 209 209-26 209-27 209-28	F 209	2.2	4.9

Four-Bolt Holes Flange Unit

Normal Duty



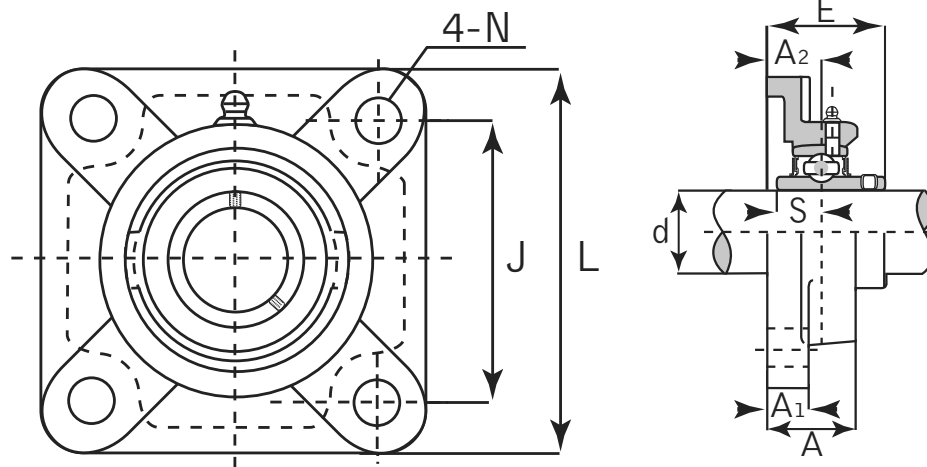
UCF Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E				kg	lbs
UCF 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	5-5/8 143	4-3/8 111	1-9/16 40	23/32 18	55/64 22	5/8 16	2-5/32 54.6	0.7480 19	1/2 M14	UC 210 210-30 210-31 210-32	F 210	2.4	5.3
UCF 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	6-3/8 162	5-1/8 130	1-11/16 43	25/32 20	63/64 25	3/4 19	2-19/64 58.4	0.8740 22.2	5/8 M16	UC 211 211-32 211-34 211-35	F 211	3.6	7.9
UCF 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	6-57/64 175	5-5/8 143	1-57/64 48	25/32 20	1-9/64 29	3/4 19	2-45/64 68.7	1.000 25.4	5/8 M16	UC 212 212-36 212-38 212-39	F 212	4.4	9.7
UCF 213 213-40	65 mm 2-1/2	7-23/64 187	5-55/64 149	1-31/32 50	55/64 22	1-3/16 30	3/4 19	2-3/4 69.7	1.000 25.4	5/8 M16	UC 213 213-40	F 213	5.5	12
UCF 214 214-43 214-44	70 2-11/16 2-3/4	7-19/32 193	5-63/64 152	2-1/8 54	55/64 22	1-7/32 31	3/4 19	2-31/32 75.4	1.1889 30.2	5/8 M16	UC 214 214-43 214-44	F 214	6.1	13
UCF 215 215-47 215-48	75 mm 2-7/8 2-15/16 3	7-7/8 200	6-17/64 159	2-7/32 56	55/64 22	1-11/32 34	3/4 19	3-3/32 78.5	1.3110 33.3	5/8 M16	UC 215 215-47 215-48	F 215	6.9	15
UCF 216 216-50	80 mm 3-1/8	8-3/16 208	6-1/2 165	2-9/32 58	55/64 22	1-11/32 34	29/32 23	3-9/32 83.3	1.3110 33.3	3/4 M20	UC 216 216-50	F 216	8.1	18
UCF 217 217-52 217-55	85 mm 3-1/4 3-7/16	8-21/32 220	6-57/64 175	2-15/32 63	15/16 24	1-27/64 36	29/32 23	3-29/64 87.6	1.3425 34.1	3/4 M20	UC 217 217-52 217-55	F 217	9.3	21
UCF 218 218-56	90 mm 3-1/2	9-1/4 235	7-23/64 187	2-11/16 68	15/16 24	1-37/64 40	29/32 23	3-51/64 96.3	1.5629 39.7	3/4 M20	UC 218 218-56	F 218	11	24



Four-Bolt Holes Flange Unit

Medium Duty

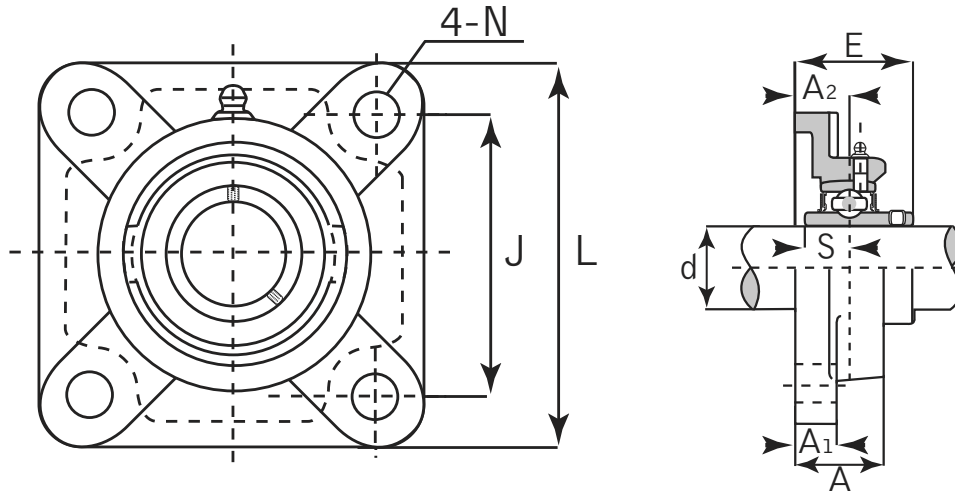


UCFX Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E	S			kg	lbs
UCFX 05 05-14 05-15 05-16	25 mm 7/8 15/16 1	4-1/4 108	3-17/64 83	1-3/16 30	1/2 13	45/64 18	15/32 12	1-19/32 40.2	0.6259 15.9	3/8 M10	UCX 05 05-14 05-15 05-16	FX 05	1.00	2.20
UCFX 06 06-18 06-19 06-20	30 mm 1-1/8 1-3/16 1-1/4	4-39/64 117	3-5/8 92	1-11/32 34	9/16 14	3/4 19	5/8 16	1-3/4 44.4	0.6889 17.5	1/2 M14	UCX 06 06-18 06-19 06-20	FX 06	1.70	3.74
UCFX 07 07-21 07-22 07-23	35 mm 1-5/16 1-3/8 1-7/16	5-1/8 130	4-1/64 102	1-1/2 38	9/16 14	53/64 21	5/8 16	2-1/64 51.2	0.7480 19	1/2 M 14	UCX 07 07-21 07-22 07-23	FX 07	2.10	4.62
UCFX 08 08-24 08-25	40 mm 1-1/2 1-9/16	5-13/32 137	4-9/64 105	1-9/16 40	9/16 14	55/64 22	3/4 19	2-1/64 52.2	0.7480 19	5/8 M 16	UCX 08 08-24 08-25	FX 08	2.40	5.28
UCFX 09 09-26 09-27 09-28	45 mm 1-5/8 1-11/16 1-3/4	5-5/8 143	4-3/8 111	1-9/16 40	9/16 14	29/32 23	3/4 19	2-3/16 55.6	0.7480 19	5/8 M 16	UCX 09 09-26 09-27 09-28	FX 09	2.50	5.50
UCFX 10 10-30 10-31 10-32	50 mm 1-7/8 1-15/16 2	6-3/8 162	5-1/8 130	1-23/32 44	25/32 20	1-1/32 26	3/4 19	2-11/32 59.4	0.8740 22.2	5/8 M 16	UCX 10 10-30 10-31 10-32	FX 10	3.90	8.58

Four-Bolt Holes Flange Unit

Medium Duty



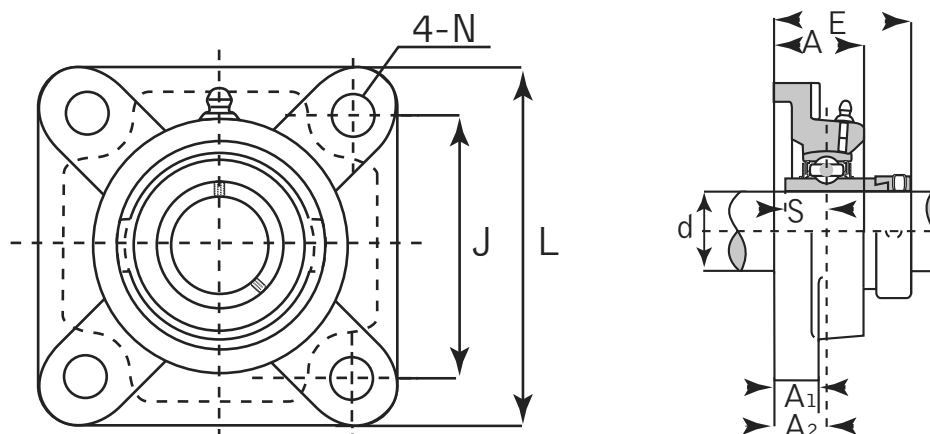
UCFX Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E	S			kg	lbs
UCFX 11 11-35 11-36	55 mm 2-3/16 2-1/4	6-57/64 175	5-5/8 143	1-15/16 49	25/32 20	1-9/64 29	3/4 19	2-45/64 68.7	1.000 25.4	5/8 M 16	UCX 11 11-35 11-36	FX 11	4.90	10.78
UCFX 12 12-38 12-39	60 mm 2-3/8 2-7/16	7-23/64 187	5-55/64 149	2-5/16 59	13/16 21	1-11/32 34	3/4 19	2-29/32 73.7	1.000 25.4	5/8 M 16	UCX 12 12-38 12-39	FX 12	5.20	11.44
UCFX 13 13-40	65 mm 2-1/2	7-23/64 187	5-55/64 149	2-5/16 59	13/16 21	1-11/32 34	3/4 19	3-3/32 78.4	1.1889 30.2	5/8 M 16	UCX 13 13-40	FX 13	5.30	11.66
UCFX 14 14-44	70 mm 2-3/4	7-3/4 197	5-63/64 152	2-3/8 60	15/16 24	1-29/64 37	29/32 23	3-13/64 81.5	1.3110 33.3	3/4 M 20	UCX 14 14-44	FX 14	7.30	16.06
UCFX 15 15-47 15-48	75 mm 2-15/16 3	7-3/4 197	5-63/64 152	2-11/16 68	15/16 24	1-37/64 40	29/32 23	3-33/64 89.3	1.3110 33.3	3/4 M 20	UCX 15 15-47 15-48	FX 15	8.10	17.82
UCFX 16 16-50	80 mm 3-1/8	8-7/16 214	6-47/64 171	2-3/4 70	15/16 24	1-37/64 40	29/32 23	3-39/64 91.6	1.3425 34.1	3/4 M 20	UCX 16 16-50	FX 16	9.90	21.78
UCFX 17 17-52 17-55	85 mm 3-1/4 3-7/16	8-7/16 214	6-47/64 171	2-3/4 70	15/16 24	1-37/64 40	29/32 23	3-25/32 96.3	1.5629 39.7	3/4 M 20	UCX 17 17-52 17-55	FX 17	11.00	24.20
UCFX 18 18-56	90 mm 3-1/2	8-7/16 214	6-47/64 171	3 76	15/16 24	1-49/64 45	29/32 23	4-3/16 106.1	1.6889 42.9	3/4 M 20	UCX 18 18-56	FX 18	11.00	24.20
UCFX 20 20-63 20-64	100 mm 3-15/16 4	10-9/16 268	8-5/16 211	3-13/16 97	1-7/32 31	2-21/64 59	1-7/32 31	5-1/64 127.3	1.6889 42.9	1 M 27	UCX 20 20-63 20-64	FX 20	17.00	28.71



Four-Bolt Holes Flange Unit

Normal Duty

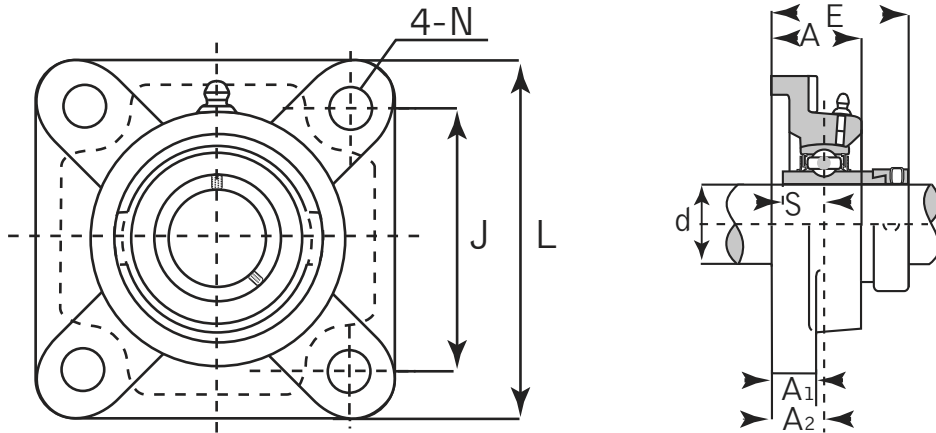


HCFU Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E	S			kg	lbs
HCFU 201 201-8 202 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4	3-3/8 76	2-1/2 54	1-5/32 25.5	19/32 11	3/4 15	15/32 11.5	1-51/64 45.6	0.6732 17.1	3/8 M10	HC 201 201-8 202 202-10 203 203-11 204 204-12	FU 204	0.89	1.96
HCFU 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-21/32 93	2-3/4 70	1-3/16 30	19/32 15	3/4 19	15/32 12	1-13/16 45.9	0.6889 17.5	3/8 M10	HC 205 205-14 205-15 205-16	FU 205	0.81	1.78
HCFU 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-11/64 106	3-1/4 82.5	1-9/32 32.5	5/8 16	25/32 20	15/32 12	1-31/32 50.1	0.7204 18.3	3/8 M10	HC 206 206-18 206-19 206-20	FU 206	1.16	2.55
HCFU 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-9/16 116	3-5/8 92	1-3/8 35	43/64 17	53/64 21	35/64 14	2-3/32 53.3	0.7401 18.8	7/16 M12	HC 207 207-20 207-21 207-22 207-23	FU 207	1.50	3.30
HCFU 208 208-24 208-25	40 mm 1-1/2 1-9/16	5-5/64 129	4 101.5	1-17/32 39	43/64 17	15/16 24	35/64 14	2-5/16 58.9	0.8425 21.4	7/16 M12	HC 208 208-24 208-25	FU 208	1.95	4.29
HCFU 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	5-5/16 135	4-9/64 105	1-37/64 40	45/64 18	15/16 24	5/8 16	2-5/16 58.9	0.8425 21.4	1/2 M14	HC 209 209-26 209-27 209-28	FU 209	2.27	4.99

Four-Bolt Holes Flange Unit

Normal Duty



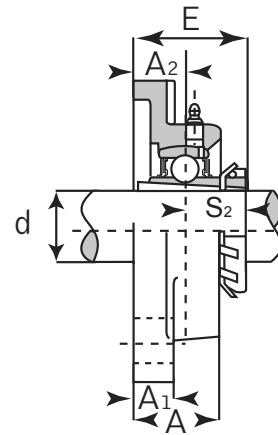
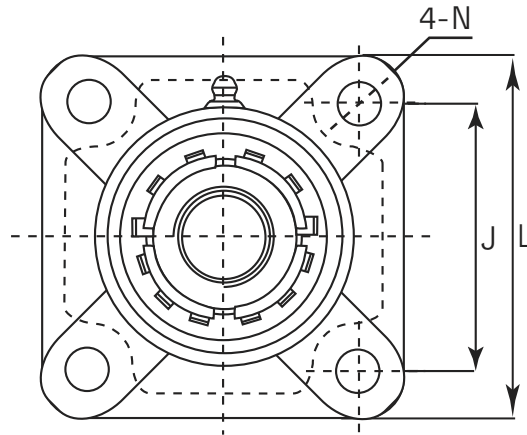
HCFU Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E	S			kg	lbs
HCFU 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	5-5/8 143	4-3/8 111	1-49/64 45	25/32 20	1-3/32 28	23/32 18	2-39/64 66.1	0.9685 24.6	5/8 M16	HC 210 210-30 210-31 210-32	FU 210	2.71	5.96
HCFU 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	6-3/8 162	5-1/8 130	1-59/64 49	53-64 21	1-7/32 31	23/32 18	2-17/32 74.6	1.0905 27.7	5/8 M16	HC 211 211-32 211-34 211-35	FU 211	3.70	8.14
HCFU 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	6-37/64 175	5-5/8 143	1-7/64 53.5	55/64 22	1-11/32 34	23/32 18	3-3/16 80.8	1.2204 31	5/8 M16	HC 212 212-36 212-38 212-39	FU 212	4.59	10.10
HCFU 213 213-40	65 mm 2-1/2	7-1/4 184	5-55/64 149	2-9/32 58	55/64 22	1-1/2 38	23/32 18	3-17/32 89.6	1.3425 34.1	5/8 M16	HC 213 213-40	FU 213	5.99	13.18
HCFU 214 214-43 214-44	70 mm 2-11/16 2-3/4	7-13/32 188	5-63/64 152	2-21/64 59	29/32 23	1-1/2 38	23/32 18	3-17/32 89.6	1.3425 34.1	5/8 M16	HC 214 214-43 214-44	FU 214	6.39	14.06
HCFU 215 215-47 215-48	75 mm 2-15/16 3	7-7/8 200	6-17/64 159	2-7/16 62	15/16 24	1-39/64 41	23/32 18	3-49/64 95.8	1.4685 37.3	5/8 M16	HC 215 215-47 215-48	FU 215	7.32	16.10



Four-Bolt Holes Flange Unit

Normal Duty

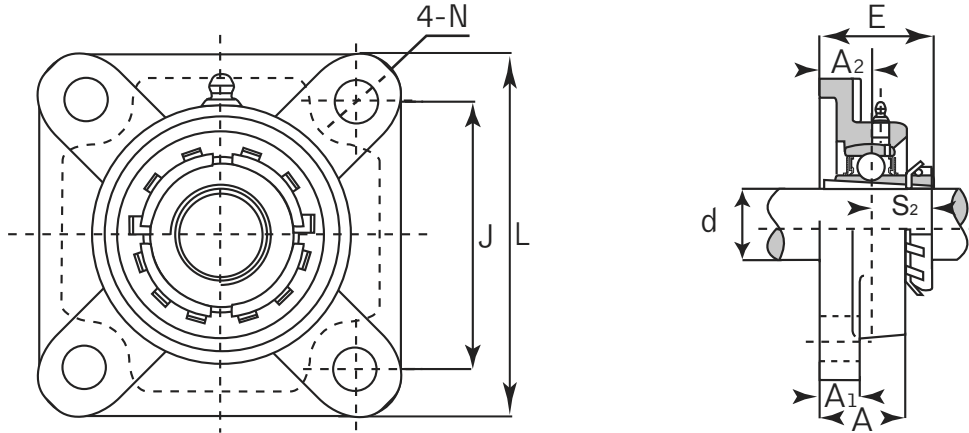


UKF+H Adapter Sleeve Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Adapter No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E	S2				kg	lbs
UKF 205 + H 2305 + HE 2305	20 mm 3/4	3-3/4 95	2-3/4 70	1-1/16 27	35/64 14	5/8 16	15/32 12	1-25/64 35.5	0.7283 18.5	3/8 M 10	UK 205	H 2305 HE 2305	F 205	0.85	1.87
UKF 206 + H 2306 + HA 2306 + HE 2306 + HS 2306	25 mm 7/8 15/16 1	4-1/4 108	3-17/64 83	1-7/32 31	35/64 14	45/64 18	15/32 12	1-17/32 39	0.8070 20.5	3/8 M 10	UK 206	H 2306 HA 2306 HE 2306 HS 2306	F 206	1.16	2.55
UKF 207 + H 2307 + HA 2307 + HS 2307	30 mm 1-1/8 1-3/16	4-39/64 117	3-5/8 92	1-11/32 34	5/8 16	3/4 19	35/64 14	1-43/64 42.5	0.8858 22.5	7/16 M 12	UK 207	H 2307 HA 2307 HS 2307	F 207	1.55	3.41
UKF 208 + H 2308 + HE 2308 + HS 2308	35 mm 1-1/4 1-3/8	5-1/8 130	4-1/64 102	1-27/64 36	5/8 16	53/64 21	5/8 16	1-53/64 46.5	0.9640 24.5	1/2 M 14	UK 208	H 2308 HE 2308 HS 2308	F 208	1.94	4.27
UKF 209 + H 2309 + HA 2309 + HE 2309 + HS 2309	40 mm 1-7/16 1-1/2 1-5/8	5-13/32 137	4-9/64 105	1-1/2 38	23/32 18	55/64 22	5/8 16	1-29/32 48.5	1.0236 26	1/2 M 14	UK 209	H 2309 HA 2309 HE 2309 HS 2309	F 209	2.30	5.06
UKF 210 + H 2310 + HA 2310 + HE 2310 + HS 2310	45 mm 1-5/8 1-11/16 1-3/4	5-5/8 143	4-3/8 111	1-9/16 40	23/32 18	55/64 22	5/8 16	1-31/32 50	1.0826 27.5	1/2 M 14	UK 210	H 2310 HA 2310 HE 2310 HS 2310	F 210	2.59	5.70

Four-Bolt Holes Flange Unit

Normal Duty



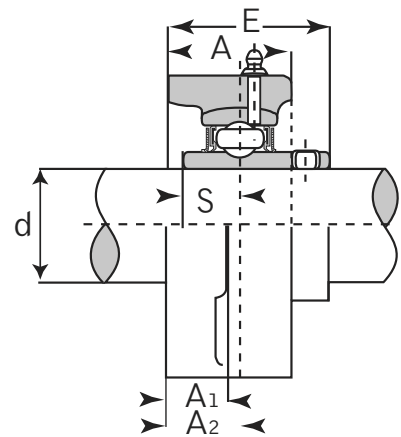
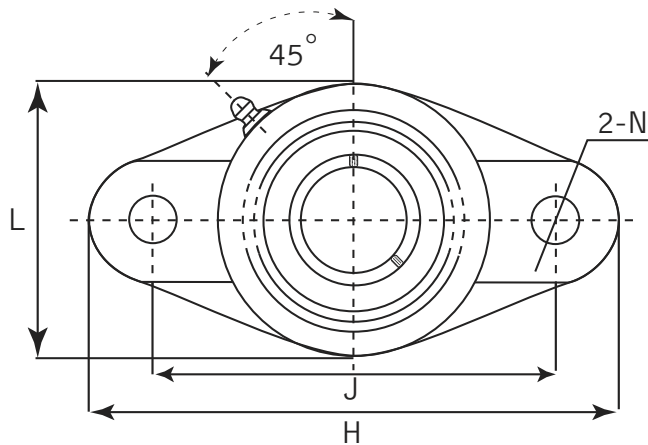
UKF+H Adapter Sleeve Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)								Bolt Size	Bearing No.	Adapter No.	Housing No.	Weight	
		d	L	J	A	A1	A2	N	E	S2				kg	lbs
UKF 211 + H 2311 + HA 2311 + HE 2311 + HS 2311	50 mm 1-7/8 1-15/16 2	6-3/8 162	5-1/8 130	1-11/16 43	25/32 20	63/64 25	3/4 19	2-9/64 54.5	1.1220 28.5	5/8 M 16	UK 211	H 2311 HA 2311 HE 2311 HS 2311	F 211	3.46	7.61
UKF 212 + H 2312 + HS 2312	55 mm 2-1/8	6-57/64 175	5-5/8 143	1-57/64 48	25/32 20	1-9/64 29	3/4 19	2-13/32 61	1.2204 31	5/8 M 16	UK 212	H 2312 HS 2312	F 212	4.33	9.53
UKF 213 + H 2313 + HA 2313 + HE 2313 + HS 2313	60 mm 2-3/16 2-1/4 2-3/8	7-23/64 187	5-55/64 149	1-31/32 50	55/64 22	1-3/16 30	3/4 19	2-33/64 64	1.2598 32	5/8 M 16	UK 213	H 2313 HA 2313 HE 2313 HS 2313	F 213	4.90	10.78
UKF 215 + H 2315 + HA 2315 + HE 2315	65 mm 2-7/16 2-1/2	7-7/8 200	6-17/64 159	2-7/32 56	55/64 22	1-11/32 34	3/4 19	2-51/64 71	1.3976 35.5	5/8 M 16	UK 215	H 2315 HA 2315 HE 2315	F 215	7.02	15.44
UKF 216 + H 2316 + HA 2316 + HE 2316	70 mm 2-11/16 2-3/4	8-3/16 208	6-1/2 165	2-9/32 58	55/64 22	1-11/32 34	29/32 23	2-57/64 73.5	1.5354 39	3/4 M 20	UK 216	H 2316 HA 2316 HE 2316	F 216	7.76	17.07
UKF 217 + H 2317 + HA 2317 + HE 2317	75 mm 2-15/16 3	8-21/32 220	6-57/64 175	2-15/32 63	15/16 24	1-27/64 36	29/32 23	3-1/32 77	1.5748 40	3/4 M 20	UK 217	H 2317 HA 2317 HE 2317	F 217	10.08	22.18
UKF 218 + H 2318	80 mm	9-1/4 235	7-23/64 187	2-11/16 68	15/16 24	1-37/64 40	29/32 23	3-13/64 81.5	1.6535 42	3/4 M 20	UK 218	H 2318	F 218	12.44	27.37



Two-Bolt Holes Flange Unit

Normal Duty

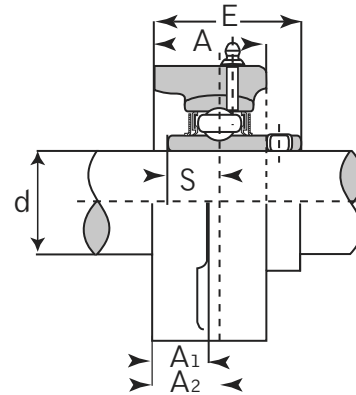
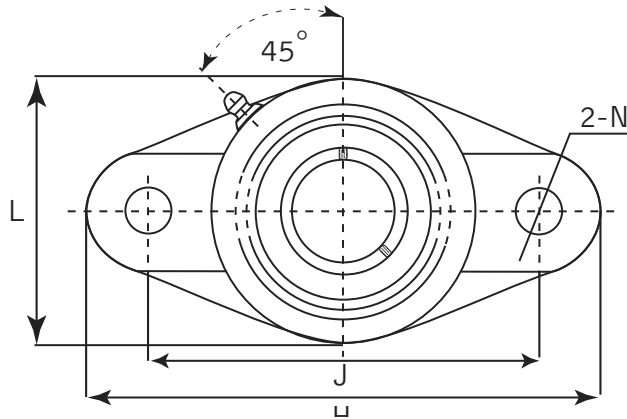


UCFL Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Bolt Size	Bearing No.	Housing No.	Mass	
		d	H	J	A	A1	A2	N	L	E				kg	lbs
UCFL 201	12 mm											UC 201		0.45	0.99
201-8	1/2											201-8		0.44	0.97
202	15 mm											202		0.44	0.97
202-10	5/8		4-7/16	3-35/64	1	7/16	19/32	15/32	2-3/8	1-5/16	0.500	202-10	FL 204	0.44	0.97
203	17 mm		113	90	25.5	11	15	12	57	33.3	12.7	203		0.43	0.95
203-11	11/16											203-11		0.42	0.92
204	20 mm											204		0.41	0.90
204-12	3/4											204-12		0.41	0.90
UCFL 205	25 mm											UC 205		0.58	1.28
205-14	7/8		5-1/8	3-57/64	1-1/16	1/2	5/8	5/8	2-11/16	1-13/32	0.5629	205-14	FL 205	0.61	1.34
205-15	15/16		130	99	27	13	16	16	68	35.8	14.3	205-15		0.59	1.30
205-16	1											205-16		0.58	1.28
UCFL 206	30 mm											UC 206		0.86	1.89
206-18	1-1/8		5-13/16	4-39/64	1-7/32	1/2	45/64	5/8	3-5/32	1-19/32	0.6259	206-18	FL 206	0.88	1.94
206-19	1-3/16		148	117	31	13	18	16	80	40.2	15.9	206-19		0.86	1.89
206-20	1-1/4											206-20		0.85	1.87
UCFL 207	35 mm											UC 207		1.08	2.38
207-20	1-1/4		6-11/32	5-1/8	1-13/32	35/64	3/4	5/8	3-35/64	1-3/4	0.6889	207-20	FL 207	1.14	2.51
207-21	1-5/16		161	130	34	14	19	16	90	44.4	17.5	207-21		1.11	2.44
207-22	1-3/8											207-22		1.08	2.38
207-23	1-7/16											207-23		1.05	2.31
UCFL 208	40 mm											UC 208		1.44	3.17
208-24	1-1/2		6-7/8	5-43/64	1-13/32	35/64	53/64	5/8	3-15/16	2-1/64	0.7480	208-24	FL 208	1.48	3.26
208-25	1-9/16		175	144	36	14	21	16	100	51.2	19	208-25		1.45	3.19
UCFL 209	45 mm											UC 209		1.74	3.83
209-26	1-5/8		7-13/32	5-53/64	1-1/2	19/32	55/64	3/4	4-1/4	2-1/16	0.7480	209-26	FL 209	1.84	4.05
209-27	1-11/16		188	148	38	15	22	19	108	52.2	19	209-27		1.80	3.96
209-28	1-3/4											209-28		1.76	3.87

Two-Bolt Holes Flange Unit

Normal Duty



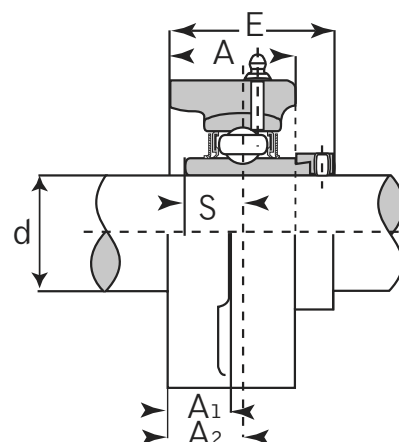
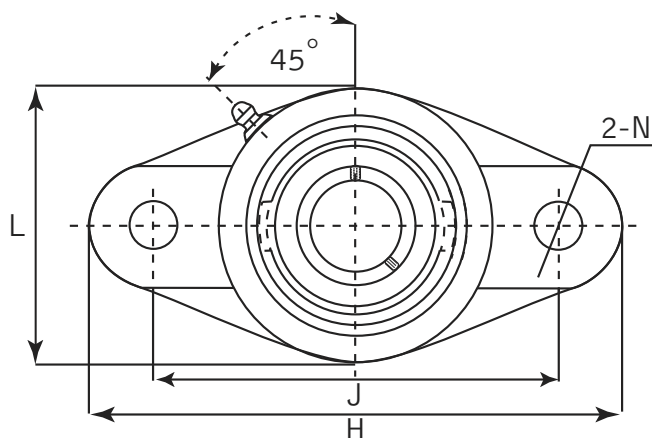
UCFL Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Bolt Size	Bearing No.	Housing No.	Mass	
		d	H	J	A	A1	A2	N	L	E				kg	lbs
UCFL 210	50 mm											UC 210		2.10	4.62
210-30	1-7/8	7-3/4	6-3/16	1-37/64	19/32	55/64	3/4	4-17/32	2-5/32	0.7480	5/8	210-30	FL 210	2.17	4.77
210-31	1-15/16	197	157	40	15	22	19	115	54.6	19	M16	210-31		2.12	4.66
210-32	2											210-32		2.08	4.58
UCFL 211	55 mm											UC 211		2.91	6.40
211-32	2	8-13/16	7-1/4	1-11/16	23/32	63/64	3/4	5-1/8	2-5/16	0.8740	5/8	211-32	FL 211	3.06	6.73
211-34	2-1/8	224	184	43	18	25	19	130	58.4	22.2	M16	211-34		2.95	6.49
211-35	2-3/16											211-35		2.89	6.36
UCFL 212	60 mm											UC 212		3.74	8.23
212-36	2-1/4	9-27/32	7-61/64	1-7/8	23/32	1-9/64	29/32	5-1/2	2-23/32	1.000	3/4	212-36	FL 212	3.87	8.51
212-38	2-3/8	250	202	48	18	29	23	140	68.7	25.4	M 20	212-38		3.72	8.18
212-39	2-7/16											212-39		3.65	8.03
UCFL 213	65 mm											UC 213		4.57	10.05
213-40	2-1/2	10-5/32	8-17/64	1-31/32	7/8	1-3/16	29/32	6-3/32	2-3/4	1.000	3/4	213-40	FL 213	4.66	10.25
UCFL 214	70 mm											UC 214		5.11	11.24
214-43	2-11/16	10-7/16	8-1/2	2-1/8	7/8	1-7/32	29/32	6-5/16	2-31/32	1.1889	3/4	214-43	FL 214	5.22	11.48
214-44	2-3/4	265	216	54	22	31	23	160	75.4	30.2	M 20	214-44		5.12	11.26
UCFL 215	75 mm											UC 215		5.37	11.81
215-47	2-15/16	10-13/16	8-55/64	2-7/32	7/8	1-11/32	29/32	6-1/2	3-3/32	1.3110	3/4	215-47	FL 215	5.51	12.12
215-48	3	275	225	56	22	34	23	165	78.5	33.3	M 20	215-48		5.40	11.88
UCFL 216	80 mm											UC 216		7.20	15.84
216-50	3-1/8	11-13/32	9-11/64	2-9/32	7/8	1-11/32	63/64	7-3/32	3-9/32	1.3110	7/8	216-50	FL 216	7.38	16.24
UCFL 217	85 mm											UC 217		8.61	18.94
217-52	3-1/4	12	9-49/64	2-15/32	15/16	1-27/64	63/64	7-15/32	3-7/16	1.3425	7/8	217-52	FL 217	8.83	19.43
217-55	3-7/16	305	248	63	24	36	25	190	87.6	34.1	M 22	217-55		8.69	19.12
UCFL 218	90 mm											UC 218		10.51	23.12
218-56	3-1/2	12-19/32	10-7/16	2-11/16	15/16	1-37/64	63/64	8-1/16	3-25/32	1.5629	7/8	218-56	FL 218	10.62	23.36



Two-Bolt Holes Flange Unit

Normal Duty

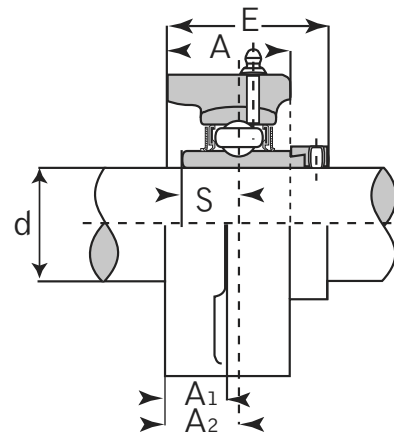
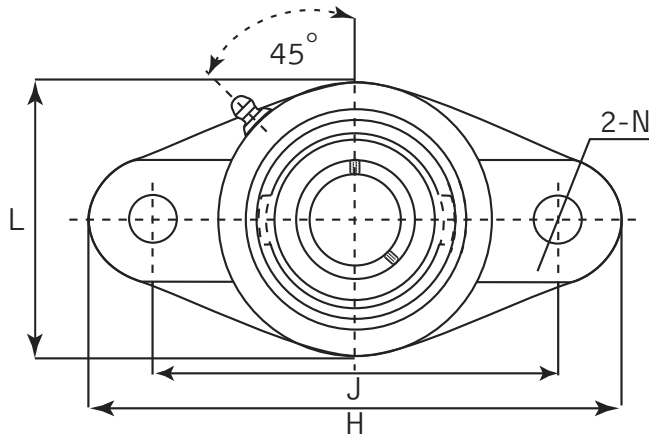


HCFLU Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Bolt Size	Bearing No.	Housing No.	Mass	
		d	H	J	A	A1	A2	N	L	E				S	kg
HCFLU 201 201-8 202 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4	4-7/16 112.5	3-17/32 90	1-5/32 29.5	19/32 15	3/4 19	7/16 11.5	2-13/32 61	1-25/32 45.5	0.6692 17	3/8 M 10	HC 201 201-8 202 202-10 203 203-11 204 204-12	FLU 204	0.50	1.10
HCFLU 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	4-27/32 123	3-29/32 99	1-3/16 30	19/32 15	3/4 19	7/16 11.5	2-3/4 70	1-13/16 45.9	0.6850 17.4	3/8 M10	HC 205 205-14 205-15 205-16	FLU 205	0.69	1.52
HCFLU 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	5-19/32 142	4-19/32 116.5	1-9/32 32.5	5/8 16	25/32 20	7/16 11.5	3-7/32 82	1-31/32 50.1	0.7165 18.2	3/8 M10	HC 206 206-18 206-19 206-20	FLU 206	0.98	2.16
HCFLU 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	6-7/32 158	5-1/8 130	1-13/32 36	21/32 17	13/16 21	9/16 14	3-11/16 94	2-3/32 53.3	0.7401 18.8	7/16 M12	HC 207 207-20 207-21 207-22 207-23	FLU 207	1.41	3.10
HCFLU 208 208-24 208-25	40 mm 1-1/2 1-9/16	6-25/32 172	5-21/32 143.5	1-17/32 39	21/32 17	15/16 24	9/16 14	4-3/64 103	2-5/16 58.9	0.8425 21.4	7/16 M12	HC 208 208-24 208-25	FLU 208	1.77	3.89
HCFLU 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	7-3/32 180	5-27/32 148.5	1-9/16 40	23/32 18	15/16 24	5/8 16	4-1/4 108	2-5/16 58.9	0.8425 21.4	1/2 M14	HC 209 209-26 209-27 209-28	FLU 209	2.00	4.40

Two-Bolt Holes Flange Unit

Normal Duty



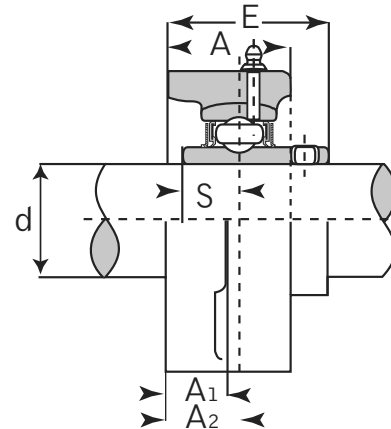
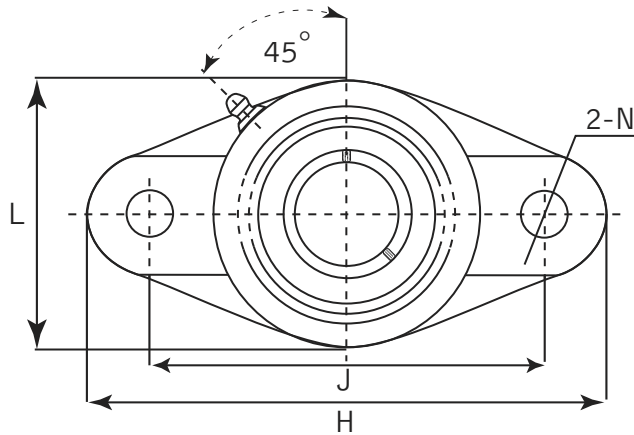
HCFLU Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Bolt Size	Bearing No.	Housing No.	Mass	
		d	H	J	A	A1	A2	N	L	E				kg	lbs
HCFLU 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	7-15/32 190	6-3/16 157	1-25/32 45	25/32 20	1-3/32 28	23/32 18	4-1/2 114	2-19/32 66.1	0.9685 24.6	5/8 M 16	HC 210 210-30 210-31 210-32	FLU 210	2.38	5.24
HCFLU 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	8-17/32 217	7-1/4 184	1-7/8 48	13/16 21	1-7/32 31	23/32 18	5-3/32 128	2-15/16 74.6	1.0905 27.7	5/8 M16	HC 211 211-32 211-34 211-35	FLU 211	3.52	7.74
HCFLU 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	9-11/32 237	7-15/16 202	2-3/32 53	13/16 21	1-11/32 34	23/32 18	5-7/16 138	3-3/16 80.8	1.2165 30.9	5/8 M 16	HC 212 212-36 212-38 212-39	FLU 212	4.8	10.56
HCFLU 213 213-40	65 mm 2-1/2	10-3/32 256	8-9/32 210	2-7/32 56	7/8 22	1-1/2 38	13/16 21	5-31/32 152	3-17/32 89.6	1.3425 34.1	11/16 M 18	HC 213 213-40	FLU 213	6.0	13.2
HCFLU 214 214-43 214-44	70 mm 2-11/16 2-3/4	10-13/32 264	8-1/2 216	2-9/32 58	29/32 23	1-1/2 38	13/16 21	6-3/16 157	3-17/32 89.6	1.3425 34.1	11/16 M 18	HC 214 214-43 214-44	FLU 213	6.3	13.86
HCFLU 215 215-47 215-48	75 mm 2-15/16 3	10-13/16 275	8-27/32 225	2-7/16 62	1-5/8 41	1-5/8 41	13/16 21	6-15/32 164	3-25/32 95.8	1.4690 34.1	11/16 M 18	HC 215 215-47 215-48	FLU 215	7.2	15.84



Two-Bolt Holes Flange Unit

Normal Duty

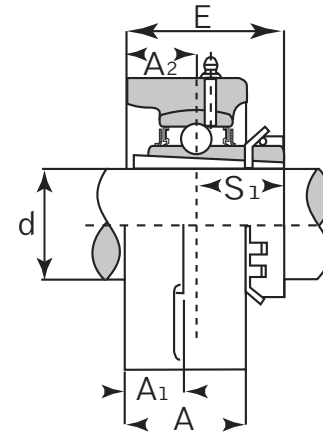
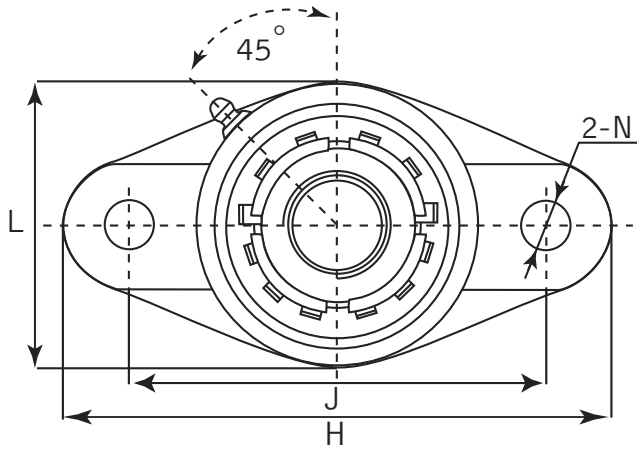


UCFT Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Bolt Size	Bearing No.	Housing No.	Mass	
		d	H	J	A	A1	A2	N	L	E				S	kg
UCFT 201 201-8 202 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4	4-13/32 112	3-17/32 89.5	1-9/64 29	7/16 11	3/4 19	13/32 10.3	2-3/8 60.3	1-5/16 33.3	0.500 12.7	5/16 M 8	UC 201 201-8 202 202-10 203 203-11 204 204-12	FT 204	0.45	0.99
UCFT 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	4-7/8 124	3-7/8 98.8	1-7/32 31	1/2 13	25/32 20	1/2 13	2-3/4 70	1-13/32 35.8	0.5629 14.3	3/8 M 10	UC 205 205-14 205-15 205-16	FT 205	0.64	1.41
UCFT 206 206-17 206-18 206-19 206-20	30 mm 1-1/16 1-1/8 1-3/16 1-1/4	5-9/16 141	4-19/32 116.7	1-11/32 34	1/2 13	13/16 21	1/2 13	3-7/32 82	1-19/32 40.2	0.6259 15.9	3/8 M 10	UC 206 206-17 206-18 206-19 206-20	FT 206	0.91	2.00
UCFT 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	6-1/2 155	5-1/8 130	1-7/16 36.5	9/16 14	27/32 21-1/2	9/16 14	3-47/64 95	1-3/4 44.4	0.6889 17.5	7/16 M 12	UC 207 207-20 207-21 207-22 207-23	FT 207	1.28	2.82
UCFT 208 208-24 208-25	40 mm 1-1/2 1-9/16	6-23/32 171	5-27/32 143.7	1-17/32 39	9/16 14	15/16 24	9/16 14	4-1/8 105	2-1/32 51.2	0.7480 19	7/16 M 12	UC 208 208-24 208-25	FT 208	1.64	3.61
UCFT 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	7-1/16 179	5-27/32 148.4	1-9/16 40	9/16 14	15/16 24	5/8 16	4-3/8 111	2-1/16 52.2	0.7480 19	1/2 M 14	UC 209 209-26 209-27 209-28	FT 209	1.88	4.14
UCFT 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	7-7/16 189	6-3/16 157	1-27/32 47	9/16 14	1-1/8 28.5	5/8 16	4-9/16 116	2-5/32 54.6	0.7480 19	1/2 M 14	UC 210 210-30 210-31 210-32	FT 210	2.18	4.80
UCFT 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	8-1/2 216	7-1/4 184	1-31/32 50	25/32 20	1-1/4 32	11/16 18	5-1/4 133	2-5/16 58.4	0.8740 22.2	5/8 M16	UC 211 211-32 211-34 211-35	FT 211	3.25	7.15

Two-Bolt Holes Flange Unit

Normal Duty



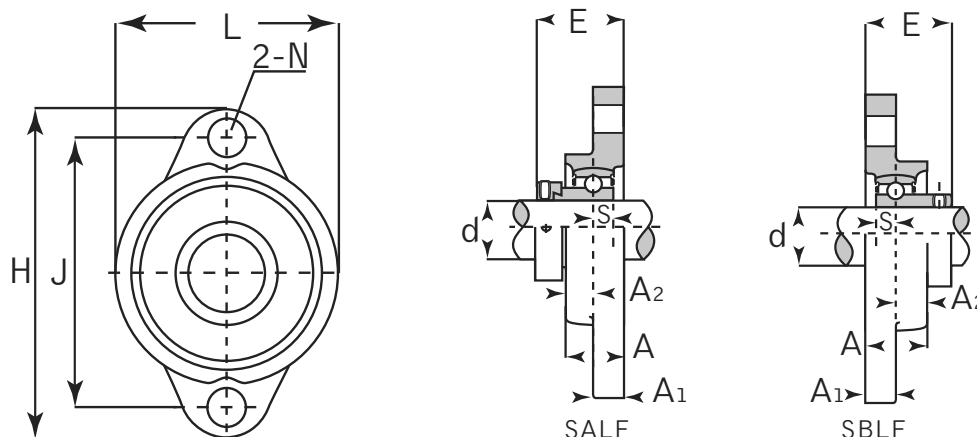
UKFL Adapter Sleeve Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)									Bolt Size	Bearing No.	Adapter No.	Bearing No.	Weight	
		d	H	J	A	A1	A2	N	L	E					kg	lbs
UKFL 205 + H 2305 + HE 2305	20 mm 3/4	5-1/8 130	3-57/64 99	1-1/16 27	1/2 13	5/8 16	5/8 16	2-11/16 68	1-13/32 35.5	0.7283 18.5	1/2 M 14	UK 205	H 2305 HE 2305	FL 205	0.63	1.39
UKFL 206 + H 2306 + HA 2306 + HE 2306 + HS 2306	25 mm 7/8 15/16 1	5-13/16 148	4-19/32 117	1-7/32 31	1/2 13	23/32 18	5/8 16	3-5/32 30	1-17/32 39	0.8070 20.5	1/2 M 14	UK 206	H 2306 HA 2306 HE 2306 HS 2306	FL 206	0.90	1.98
UKFL 207 + H 2307 + HA 2307 + HS 2307	30 mm 1-1/8 1-3/16	6-11/32 161	5-1/8 130	1-11/32 34	9/16 14	3/4 19	5/8 16	3-17/32 90	1-11/16 42.5	0.8858 22.5	1/2 M 14	UK 207	H 2307 HA 2307 HS 2307	FL 207	1.17	2.57
UKFL 208 + H 2308 + HE 2308 + HS 2308	35 mm 1-1/4 1-3/8	6-7/8 175	5-21/32 144	1-13/32 36	9/16 14	13/16 21	5/8 16	3-15/16 100	1-27/32 46.5	0.9645 24.5	1/2 M 14	UK 208	H 2308 HE 2308 HS 2308	FL 208	1.54	3.39
UKFL 209 + H 2309 + HA 2309 + HE 2309 + HS 2309	40 mm 1-7/16 1-1/2 1-5/8	7-13/32 188	5-13/16 148	1-1/2 38	19/32 15	7/8 22	3/4 19	1-1/4 108	1-29/32 48.5	1.0236 26	5/8 M 16	UK 209	H 2309 HA 2309 HE 2309 HS 2309	FL 209	1.89	4.16
UKFL 210 + H 2310 + HA 2310 + HE 2310 + HS 2310	45 mm 1-5/8 1-11/16 1-3/4	7-3/4 197	6-3/16 157	1-9/16 40	19/32 15	7/8 22	3/4 19	4-17/32 115	1-31/32 50	1.0826 27.5	5/8 M 16	UK 210	H 2310 HA 2310 HE 2310 HS 2310	FL 210	2.27	4.99
UKFL 211 + H 2311 + HA 2311 + HE 2311 + HS 2311	50 mm 1-7/8 1-15/16 2	8-13/16 224	7-1/4 184	1-11/16 43	23/32 18	31/32 25	3/4 19	5-1/8 130	2-5/32 54.5	1.0826 27.5	5/8 M 16	UK 211	H 2311 HA 2311 HE 2311 HS 2311	FL 211	3.06	6.73
UKFL 212 + H 2312 + HS 2312	55 mm 2-1/8	9-37/32 250	7-15/16 202	1-7/8 48	23/32 18	1-5/32 29	29/32 23	5-1/2 140	2-13/32 61	1.2598 32	3/4 M 20	UK 212	H 2312 HS 2312	FL 212	3.79	8.34
UKFL 213 + H 2313 + HA 2313 + HE 2313 + HS 2313	60 mm 2-3/16 2-1/4 2-3/8	10-5/32 258	8-9/32 210	1-31/32 50	7/8 22	1-3/16 30	29/32 23	6-3/32 155	2-17/32 64	1-5/16 33.3	3/4 M 20	UK 213	H 2313 HA 2313 HE 2313 HS 2313	FL 213	4.48	9.86
UKFL 215 + H 2315 + HA 2315 + HE 2315	65 mm 2-7/16 2-1/2	10-13/16 275	8-27/32 225	2-7/32 56	7/8 22	1-11/32 34	29/32 23	6-1/2 165	2-25/32 71	1.3976 35.5	3/4 M 20	UK 215	H 2315 HA 2315 HE 2315	FL 215	5.48	12.06
UKFL 216 + H 2316 + HA 2316 + HE 2316	70 mm 2-11/16 2-3/4	11-13/32 290	9-3/16 233	2-9/32 58	7/8 22	1-11/32 34	31/32 25	7-3/32 180	2-29/32 73.5	1.5354 39	7/8 M 22	UK 216	H 2316 HA 2316 HE 2316	FL 216	7.46	16.41
UKFL 217 + H 2317 + HA 2317 + HE 2317	75 mm 2-15/16 3	12 305	9-3/4 248	2-15/32 63	15/16 24	1-13/32 36	31/32 25	7-15/32 190	3-1/32 77	1.5748 40	7/8 M 22	UK 217	H 2317 HA 2317 HE 2317	FL 217	9.03	19.87
UKFL 218 + H 2318	80 mm	12-19/32 320	10-7/16 265	2-11/16 68	15/16 24	1-9/16 40	31/32 25	8-1/16 205	3-7/32 81.5	1.6535 42	7/8 M 22	UK 218	H 2318	FL 218	10.89	23.96



Two-Bolt Holes Flange Unit

Light Duty



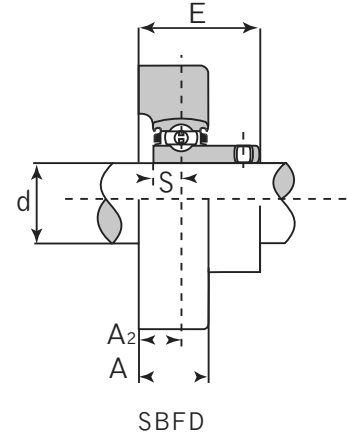
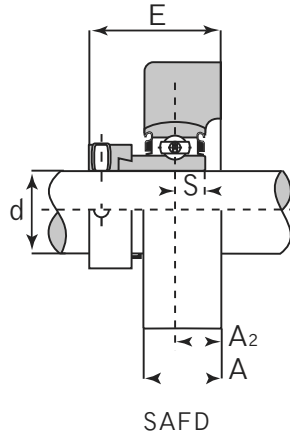
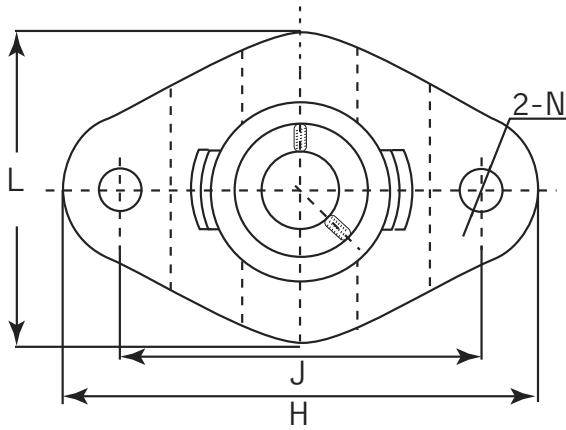
SALF Eccentric Locking Collar SBLF Set Screw Locking

Unit No. SALF SBLF	Shaft Dia. (inch / mm)	Dimensions (inch / mm)							SALF		SBLF		Bolt Size	Bearing No. SA / SB	Housing No.	Weight	
		d	H	J	L	A	A1	A2	N	S	E	S				E	kg
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 11/16	3-3/16 81	2-1/2 63.5	2-7/32 56	23/32 18	3/8 9.5	3/8 9.5	5/16 8	0.2559 6.5	1.260 32	0.2362 6	1.000 25.5	1/4 M 6	201 201-8 202 202-10 203 203-11	LF 203	0.30	0.66
204 204-12	20 mm 3/4	3-17/32 90	2-13/16 71.5	2-13/32 61	25/32 20	7/16 11	7/16 11	13/32 10	0.2952 7.5	1.319 33.5	0.2755 7	1.142 29	5/16 M 8	204 204-12	LF 204	0.40	0.88
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-3/4 95	2-33/32 76	2-17/32 64	25/32 20	7/16 11	7/16 11	13/32 10	0.2952 7.5	1.339 34	0.2952 7.5	1.200 30.5	5/16 M 8	205 205-14 205-15 205-16	LF 205	0.50	1.10
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-7/16 113	3-9/16 90.5	3 76	7/8 22.5	15/32 12	15/32 12	15/32 12	0.3543 9	1.492 37.9	0.3149 8	1.338 34	3/8 M 10	206 206-18 206-19 206-20	LF 206	0.70	1.54
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-13/16 122	3-15/16 100	3-1/2 89	15/16 24	33/64 13	33/64 13	15/32 12	0.3740 9.5	1.614 41	0.3346 8.5	1.437 36.5	3/8 M 10	207 207-20 207-21 207-22 207-23	LF 207	0.90	1.98

Add (G)suffix for regreaseable. (ex. SALF 205-16G)

Two-Bolt Holes Flange Unit

Light Duty



SAFD Eccentric Locking Collar

SBFD Set Screw Locking

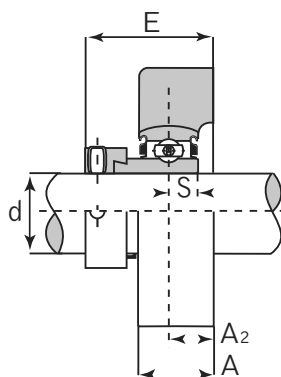
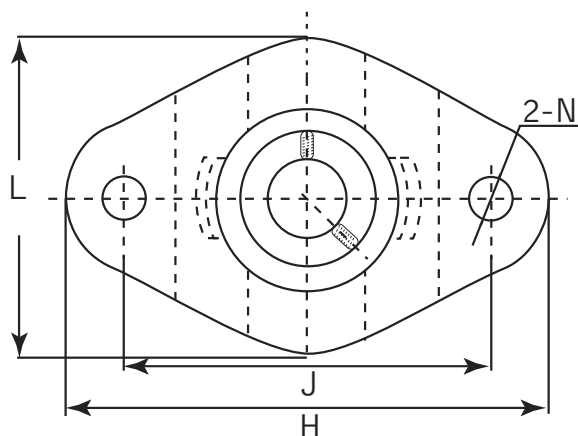
Unit No. SAFD SBFD	Shaft Dia. (inch / mm)	Dimensions (inch / mm)						SAFD		SBFD		Bolt Size	Bearing No. SA / SB	Housing No.	Weight	
		d	H	J	A	A2	N	L	S	E	S				E	kg
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 11/16	3-3/16 81	2-15/32 63	19/32 15	11/32 8.5	9/32 7	2-5/16 59	0.2559 6.5	1.2047 30.6	0.2362 6	0.945 24	1/4 M6	201 201-8 202 202-10 203 203-11	FD 203	0.30	0.66
204 204-12	20 mm 3/4	3-17/32 90	2-25/32 71	21/32 17	3/8 9.5	13/32 10	2-5/8 67	0.2952 7.5	1.2992 33	0.2755 7	1.083 27.5	5/16 M8	204 204-12	FD 204	0.50	1.10
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-3/4 95	2-63/64 76	21/32 17	3/8 9.5	13/32 10	2-25/32 71	0.2952 7.5	1.2992 33	0.2952 7.5	1.142 29	5/16 M8	205 205-14 205-15 205-16	FD 205	0.50	1.10
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-7/16 113	3-17/32 90	13/16 21	15/32 12	15/32 12	3-5/16 84	0.3543 9	1.5236 38.7	0.3149 8	1.339 34	3/8 M10	206 206-18 206-19 206-20	FD 206	0.80	1.76
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-29/32 125	3-15/16 100	7/8 22	1/2 12.5	15/32 12	3-11/16 94	0.3740 9.5	1.6496 41.9	0.3346 8.5	1.417 36	3/8 M10	207 207-20 207-21 207-22 207-23	FD 207	1.00	2.20

The filling slots on these units are at the front. The inserts can be greased only when reversed.
Add (G)suffix for regreaseable. (ex. SAFD 205-16G)

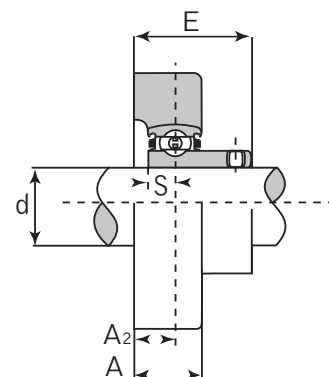


Two-Bolt Holes Flange Unit

Light Duty



SAFW



SBFW

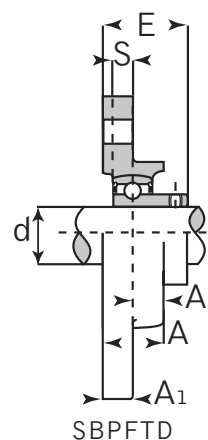
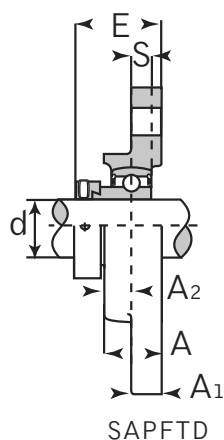
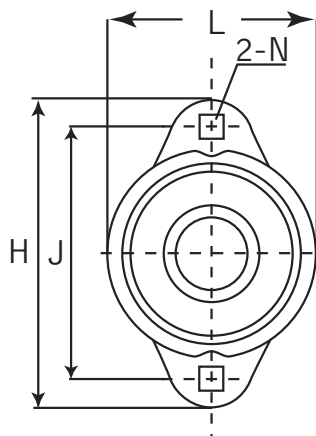
SAFW Eccentric Locking Collar SBFW Set Screw Locking

Unit No. SAFW SBFW	Shaft Dia. (inch / mm)	Dimensions (inch / mm)						SAFW		SBFW		Bolt Size	Bearing No. SA / SB	Housing No.	Weight	
		H	J	L	A	A2	N	S	E	S	E				kg	lbs
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 1 1/16	3-3/16 81	2-1/2 63.5	2-5/16 58.7	19/32 15	11/32 8.5	9/32 7	0.2559 6.5	1.2047 30.6	0.2362 6	0.9645 24.5	1/2 M6	201 201-8 202 202-10 203 203-11	FW 203	0.30	0.66
204 204-12	20 mm 3/4	3-9/16 90.5	2-13/16 71.4	2-5/8 66.5	5/16 17	3/8 9.5	11/32 9	0.2952 7.5	1.2992 33	0.2755 7	1.0826 27.5	5/16 M8	204 204-12	FW 204	0.40	0.88
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-13/16 97	3 76.2	2-25/32 71	11/16 17.5	3/8 9.5	11/32 9	0.2952 7.5	1.2992 33	0.2952 7.5	1.1417 29	5/16 M8	205 205-14 205-15 205-16	FW 205	0.50	1.10
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-7/16 112.5	3-9/16 90.5	3-5/16 84	3/8 20.5	7/16 11.5	13/16 11.5	0.3543 9	1.5039 38.2	0.3149 8	1.3188 33.5	3/8 M10	206 206-18 206-19 206-20	FW 206	0.80	1.76
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-31/32 126	3-15/16 100	3-11/16 94	7/8 22	1/2 12.5	13/16 11.5	0.3740 9.5	1.6496 41.9	0.3346 8.5	1.4173 36	3/8 M10	207 207-20 207-21 207-22 207-23	FW 207	1.00	2.20
208 208-24 208-25	40 mm 1-1/2 1-9/16	5-29/32 150	4-11/16 119	3-15/16 100	15/16 24	9/16 14.5	9/16 14	0.4330 11	1.8582 47.2	0.3543 9	1.5551 39.5	1/2 M12	208 208-24 208-25	FW 208	1.4	3.08

The filling slots on these units are at the back of the housing.
Add (G) suffix for regreasable. (ex. SAFW 205-16G)

Malleable Ductile Flange Unit

Light Duty



SAPFTD Eccentric Locking Collar SBPFTD Set Screw Locking

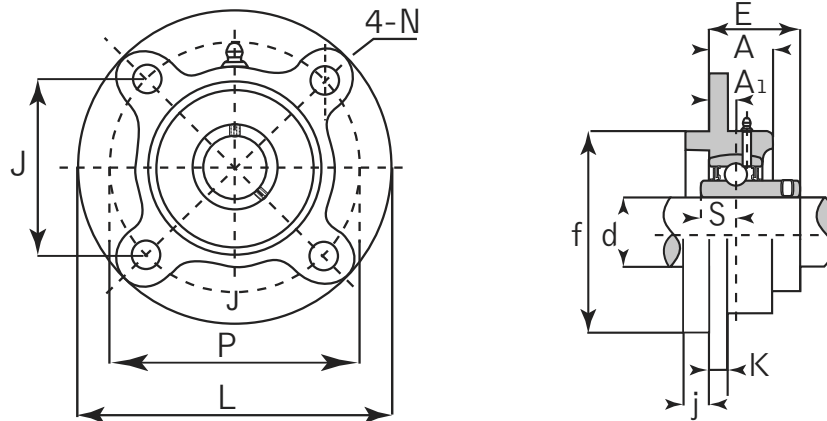
Unit No. SAPFTD SBPFTD	Shaft Dia. (inch / mm)	Dimensions (inch / mm)							SAPFTD		SBPFTD		Bolt Size	Bearing No. SA / SB	Housing No.	Weight	
		d	H	J	L	A	A1	A2	N	S	E	S				E	kg
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 11/16	3-3/16 81	2-1/2 63.5	2-7/32 56	23/32 18	3/8 9.5	3/8 9.5	11/32 8.7	0.2559 6.5	1.2440 31.6	0.2362 6	1.2244 31.1	1/4 M 6	201 201-8 202 202-10 203 203-11	PFTD 203	0.30	0.66
204 204-12	20 mm 3/4	3-17/32 90	2-13/16 71.5	2-13/32 61	25/32 20	7/16 11	7/16 11	11/32 8.7	0.2952 7.5	1.3582 34.5	0.2755 7	1.3228 33.6	5/16 M 8	204 204-12	PFTD 204	0.40	0.88
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-3/4 95	3.000 76	2-17/32 64	25/32 20	7/16 11	7/16 11	11/32 8.7	0.2952 7.5	1.3582 34.5	0.2952 7.5	1.3228 33.6	5/16 M 8	205 205-14 205-15 205-16	PFTD 205	0.50	1.0
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-7/16 113	3-9/16 90.5	3 76	7/8 22.5	15/32 12	15/32 12	13/32 10.3	0.3543 9	1.5236 38.7	0.3149 8	1.5039 38.2	3/8 M 10	206 206-18 206-19 206-20	PFTD 206	0.70	1.54
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-13/16 122	3-15/16 100	3-1/2 89	15/16 24	1/2 13	1/2 13	13/32 10.3	0.3740 9.5	1.6692 42.4	0.3346 8.5	1.6181 41.2	3/8 M 10	207 207-20 207-21 207-22 207-23	PFTD 207	0.90	1.98

Add (G) suffix for regreasable. (ex. SAPFTD 205-16G)



Round Flange Cartridge Unit

Normal Duty

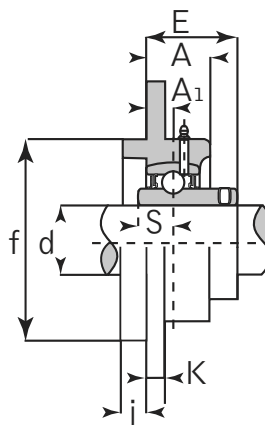
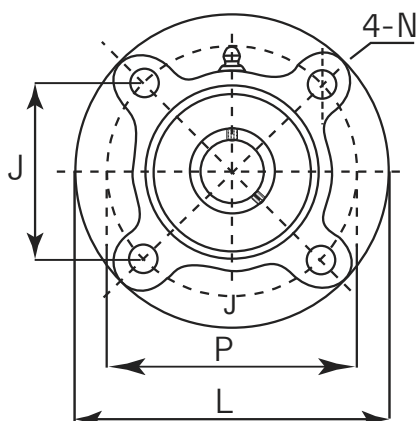


UCFC Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)											Bolt Size (inch / mm)	Bearing No.	Housing No.	Weight	
		d	L	P	J	j	A	A1	N	K	f	E	S			kg	lbs
UCFC 201	12 mm													UC 201 201-8 202 202-10 203 203-11 204 204-12	FC 204	0.73	1.61
201-8	1/2															0.72	1.58
202	15 mm															0.72	1.58
202-10	5/8	3-15/16	3-5/64	2-11/64	13/64	13/16	13/32	15/32	15/64	2.4409	1.115	0.500				0.72	1.58
203	17 mm	100	78	55.1	5	20.5	10	12	6	62	28.3	12.7	3/8 M10			0.71	1.56
203-11	11/16															0.70	1.56
204	20 mm															0.69	1.52
204-12	3/4															0.69	1.52
UCFC 205	25 mm													UC 205 205-14 205-15 205-16	FC 205	1.00	2.20
205-14	7/8	4-17/32	3-35/64	2-1/2	15/64	56/64	13/32	15/32	9/32	2.7559	1.169	0.5629	3/8 M10			1.03	2.27
205-15	15/16	115	90	63.6	6	21	10	12	7	70	29.7	14.3				1.01	2.22
205-16	1															1.00	2.20
UCFC 206	30 mm													UC 206 206-18 206-19 206-20	FC 206	1.30	2.86
206-18	1-1/8	4-29/32	3-15/16	2-25/32	5/16	29/32	13/32	15/32	5/16	3.1496	1.268	0.6259	3/8 M10			1.32	2.90
206-19	1-3/16	125	100	70.7	8	23	10	12	8	80	32.2	15.9				1.30	2.86
206-20	1-1/4															1.29	2.84
UCFC 207	35 mm													UC 207 207-20 207-21 207-22 207-23	FC 207	1.81	3.98
207-20	1-1/4	5-5/16	4-21/64	3-1/16	5/16	1-1/32	7/16	35/64	23/64	3.5433	1.433	0.6889	7/16 M12			1.87	4.11
207-21	1-5/16	135	110	77.8	8	26	11	14	9	90	36.4	17.5				1.87	4.11
207-22	1-3/8															1.81	3.98
207-23	1-7/16															1.78	3.92
UCFC 208	40 mm													UC 208 208-24 208-25	FC 208	2.14	4.71
208-24	1-1/2	5-23/32	4-23/32	3-11/32	25/64	1-1/32	7/16	35/64	23/64	3.9370	1.622	0.7480	7/16 M12			2.18	4.80
208-25	1-9/16	145	120	84.8	10	26	11	14	9	100	41.2	19				2.15	4.73
UCFC 209	45 mm													UC 209 209-26 209-27 209-28	FC 209	2.68	5.90
209-26	1-5/8	6-5/16	5-13/64	3-43/64	15/32	1-1/32	25/64	5/8	25/64	4.1339	1.622	0.7480	1/2 M14			2.78	6.12
209-27	1-11/16	160	132	93.3	12	26	10	16	10	105	41.2	19				2.74	6.03
209-28	1-3/4															2.70	5.94

Round Flange Cartridge Unit

Normal Duty



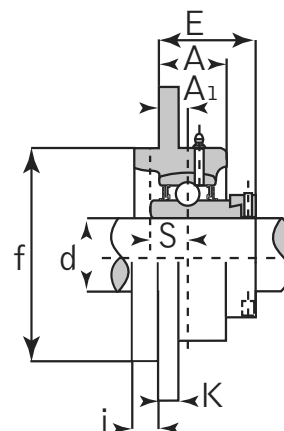
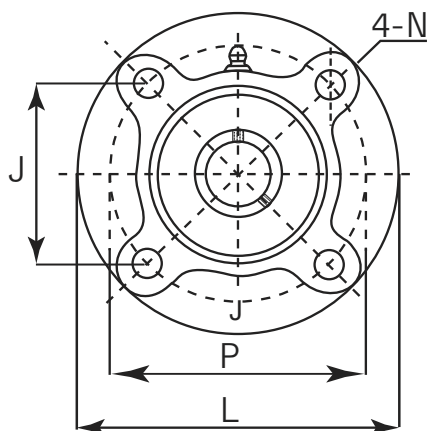
UCFC Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)											Bolt Size (inch / mm)	Bearing No.	Housing No.	Weight	
		d	L	P	J	j	A	A1	N	K	f	E	S			kg	lbs
UCFC 210	50 mm													UC 210		2.90	6.38
210-30	1-7/8		6-1/2	5-7/16	3-27/32	15/32	1-7/64	25/64	5/8	9/16	4.3307	1.667	0.7480	1/2	FC 210	2.97	6.53
210-31	1-15/16		165	138	97.6	12	28	10	16	14	110	42.6	19	210-31		2.92	6.42
210-32	2													210-32		2.88	6.34
UCFC 211	55 mm													UC 211		4.01	8.82
211-32	2		7-9/32	5-29/32	4-3/16	15/32	1-3/16	1/2	3/4	19/32	4.9213	1.827	0.8740	5/8	FC 211	4.16	9.15
211-34	2-1/8		185	150	106.1	12	30	13	19	15	125	46.4	22.2	211-34		4.05	8.91
211-35	2-3/16													211-35		3.99	8.78
UCFC 212	60 mm													UC 212		4.94	10.87
212-36	2-1/4		7-11/16	6-19/64	4-29/64	15/32	1-13/32	43/64	3/4	19/32	5.3150	2.322	1.000	5/8	FC 212	5.07	11.15
212-38	2-3/8		195	160	113.1	12	36	17	19	15	135	56.7	25.4	212-38		4.92	10.82
212-39	2-7/16													212-39		4.85	10.67
UCFC 213	65 mm													UC 213		5.65	12.43
213-40	2-1/2		8-1/16	6-11/16	4-47/64	35/64	1-13/32	5/8	3/4	19/32	5.5118	1.193	1.000	5/8	FC 213	5.74	12.63
			205	170	120.2	14	36	16	19	15	139.9	55.7	25.4				
UCFC 214	70 mm													UC 214		6.95	15.29
214-43	2-11/16		8-15/32	6-31/32	4-59/64	35/64	1-37/64	21/32	3/4	23/32	5.9055	2.417	1.1889	5/8	FC 214	7.16	15.75
214-44	2-3/4		215	177	125.1	14	40	17	19	18	150	61.4	30.2	214-44		6.96	15.31
UCFC 215	75 mm													UC 215		7.56	16.63
215-47	2-15/16		8-21/32	7-1/4	5-1/8	5/8	1-37/64	23/32	3/4	23/32	6.2992	2.461	1.3110	5/8	FC 215	7.59	16.70
215-48	3		220	184	130.1	16	40	18	19	18	160	62.5	33.3	215-48		7.47	16.43
UCFC 216	80 mm													UC 216		9.15	20.13
216-50	3-1/8		9-7/16	7-7/8	5-9/16	5/8	1-21/32	23/32	29/32	23/32	6.6929	2.650	1.3110	3/4	FC 216	9.20	20.24
			240	200	141.4	16	42	18	23	18	170	67.3	33.3				
UCFC 217	85 mm													UC 217		10.81	23.78
217-52	3-1/4		9-27/32	8-3/16	5-51/64	23/32	1-25/32	23/32	29/32	25/32	7.0866	2.740	1.3425	3/4	FC 217	11.03	24.27
217-55	3-7/16		250	208	147.1	18	45	18	23	20	180	69.6	34.1	217-55		10.60	23.32
UCFC 218	90 mm													UC 218		12.96	28.51
218-56	3-1/2		10-7/16	8-21/32	6-1/8	23/32	1-31/32	7/8	29/32	25/32	7.4803	3.083	1.5629	3/4	FC 218	13.17	28.97
			265	220	155.5	18	50	22	23	20	190	78.3	39.7				



Round Flange Cartridge Unit

Normal Duty

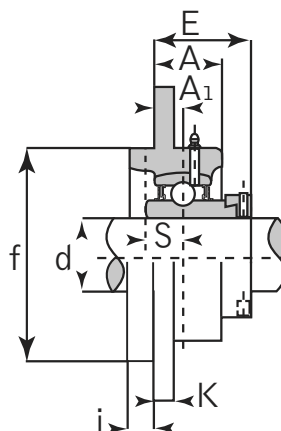
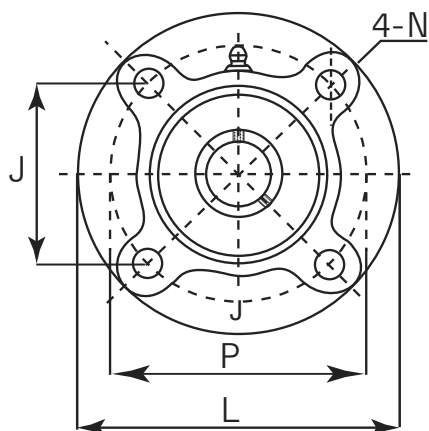


HCFC Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)											Bolt Size (inch / mm)	Bearing No.	Housing No.	Weight	
		d	L	P	J	j	A	A1	N	K	f	E				S	kg
HCFC 201 201-8 202 202-10 203 203-11 203 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4	3-15/16 100	3-5/64 78	2-11/64 55.1	13/64 5	13/16 20.5	25/64 10	15/32 12	15/64 6	2.4409 62	1.437 36.5	0.500 17	3/8 M10	HC 201 201-8 202 202-10 203 203-11 203 204-12	FC 204	0.73	1.61
	0.72															1.58	
	0.82															1.80	
	0.72															1.58	
	0.71															1.56	
	0.70															1.54	
	0.76															1.67	
	0.76															1.67	
HCFC 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	4-17/32 115	3-35/64 90	2-1/2 63.6	15/64 6	13/16 21	25/64 10	15/32 12	9/32 7	2.7559 70	1.453 36.9	0.6889 17.5	3/8 M10	HC 205 205-14 205-15 205-16	FC 205	1.07 1.11 1.09 1.07	2.35 2.44 2.40 2.35
HCFC 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-29/32 125	3-15/16 100	2-25/32 70.7	5/16 8	29/32 23	25/64 10	15/32 12	5/16 8	3.1496 80	1.579 40.1	0.7204 18.3	3/8 M10	HC 206 206-18 206-19 206-20	FC 206	1.43 1.45 1.43 1.40	3.15 3.19 3.15 3.08
HCFC 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	5-5/16 135	4-21/64 110	3-1/16 77.8	5/16 8	1-1/32 26	7/16 11	35/64 14	23/64 9	3.5433 90	1.705 43.3	0.7401 18.8	7/16 M12	HC 207 207-20 207-21 207-22 207-23	FC 207	1.93 2.00 1.93 1.93 1.87	4.25 4.40 4.25 4.25 4.11
HCFC 208 208-24 208-25	40 mm 1-1/2 1-9/16	5-23/32 145	4-23/32 120	3-11/32 84.8	25/64 10	1-1/32 26	7/16 11	35/64 14	23/64 9	3.9370 100	1.807 45.9	0.8425 21.4	7/16 M12	HC 208 208-24 208-25	FC 208	2.29 2.34 2.30	5.04 5.15 5.06
HCFC 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	6-5/16 160	5-13/64 132	3-43/64 93.3	15/32 12	1-1/32 26	25/64 10	5/8 16	25/64 14	4.1339 105	1.768 44.9	0.8425 21.4	1/2 M14	HC 209 209-26 209-27 209-28	FC 209	2.85 2.96 2.91 2.87	6.27 6.51 6.40 6.31

Round Flange Cartridge Unit

Normal Duty



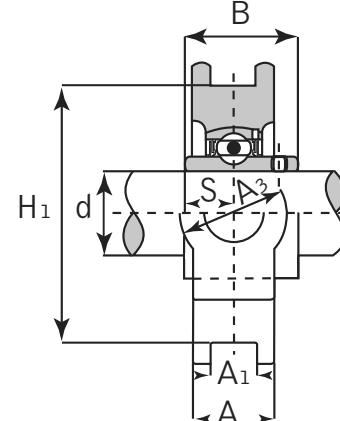
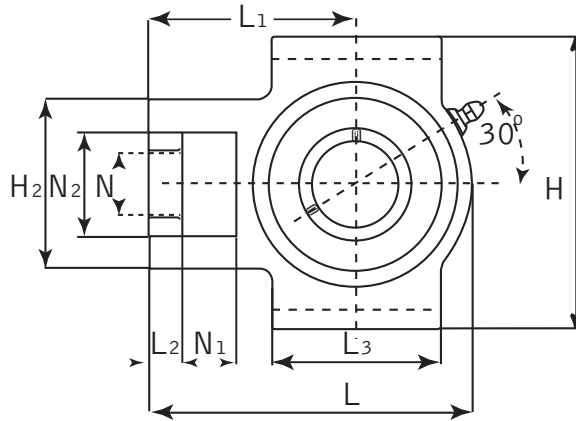
HCFC Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)											Bolt Size (inch / mm)	Bearing No.	Housing No.	Weight	
		d	L	P	J	j	A	A1	N	K	f	E	S			kg	lbs
HCFC 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	6-1/2 165	5-7/16 138	3-27/32 97.6	15/32 12	1-3/32 28	25/64 10	5/8 16	35/64 14	4.3307 110	1.894 48.1	0.9685 24.6	1/2 M14	HC 210 210-30 210-31 210-32	FC 210	3.09 3.18 3.12 3.06	6.80 7.00 6.86 6.73
HCFC 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	7-9/32 185	5-29/32 150	4-3/16 106.1	15/32 12	1-3/16 30	33/64 13	3/4 19	35/64 14	4.9213 125	2.228 56.6	1.0944 27.8	5/8 M16	HC 211 211-32 211-34 211-35	FC 211	4.22 4.42 4.27 4.19	9.28 9.72 9.39 9.22
HCFC 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	7-11/16 195	6-19/64 160	4-29/64 113.1	15/32 12	1-13/32 36	43/64 17	3/4 19	19/32 15	5.3150 135	2.512 63.8	1.2204 31	5/8 M16	HC 212 212-36 212-38 212-39	FC 212	5.28 5.44 5.30 5.17	11.62 11.97 11.66 11.37
HCFC 213 213-40	65 mm 2-1/2	8-1/16 205	6-11/16 170	4-47/64 120.2	35/64 14	1-3/8 35	5/8 16	3/4 19	19/32 15	5.709 145	2.661 67.6	1.3425 34.1	5/8 M16	HC 213 213-40	FC 213	6.21 6.31	13.66 13.88
HCFC 214 214-43 214-44	70 mm 2-11/16 2-3/4	8-15/32 215	6-31/32 177	4-59/64 125.1	35/64 14	1-1/2 38	43/64 17	3/4 19	5/8 16	5.9055 150	2.701 68.6	1.3425 34.1	5/8 M16	HC 214 214-43 214-44	FC 214	7.45 7.69 7.46	16.39 16.92 16.41
HCFC 215 215-47 215-48	75 mm 2-15/16 3	8-21/32 220	7-1/4 184	5-1/8 130.1	5/8 16	1-17/32 39	23/32 18	3/4 19	43/64 17	6.2992 160	2.866 72.8	1.4685 37.3	5/8 M16	HC 215 215-47 215-48	FC 215	7.56 7.59 7.47	16.63 16.70 16.43
HCFC 216 216-50	80 mm 3-1/8	9-7/16 240	7-7/8 200	5-9/16 141.4	5/8 16	1-21/32 42	23/32 18	29/32 23	23/32 18	6-11/16 170	2.988 75.9	1.3110 33.3	3/4 M20	HC 216 216-50	FC 216	9.15 9.20	20.13 20.24
HCFC 217 217-52 217-55	85 mm 3-1/4 3-7/16	9-27/32 250	8-3/16 208	5-51/64 147.1	23/32 18	1-25/32 45	23/32 18	29/32 23	25/32 20	7-3/32 180	2.669 67.8	1.3425 34.1	3/4 M20	HC 217 217-52 217-55	FC 217	10.81 11.03 10.89	23.78 24.27 23.96
HCFC 218 218-56	90 mm 3-1/2	10-7/16 265	8-21/32 220	6-1/8 155.5	23/32 18	1-31/32 50	55/64 22	29/32 23	25/32 20	7-31/64 190	2.756 70	1.3440 39.7	3/4 M20	HC 218 218-56	FC 218	12.96 13.07	28.51 28.75



Take Up Unit

Normal Duty

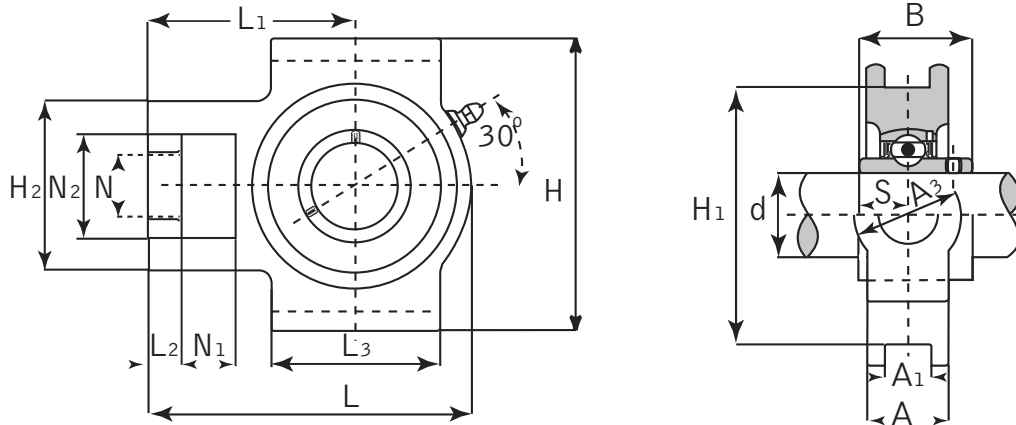


UCT Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)															Bearing No.	Housing No.	Weight	
	d	N	N1	N2	L	L1	L2	L3	H	H1	H2	A	A1	A3	B	S			kg	lbs
UCT 201	12 mm																UC 201	T 204	0.80	1.76
201-8	1/2																201-8		0.79	1.74
202	15 mm																202		0.79	1.74
202-10	5/8	3/4	5/8	1-1/4	3-11/16	2-13/32	25/64	2-1/64	3-1/2	2-63/64	1-1/64	13/16	15/32	1-1/4	1.2205	0.500	202-10		0.79	1.74
203	17 mm	19	16	32	94	61	10	51	89	76	51	21	12	32	31	12.7	203		0.78	1.72
203-11	11/16																203-11		0.77	1.69
204	20 mm																204		0.76	1.67
204-12	3/4																204-12		0.76	1.67
UCT 205	25 mm																UC 205	T 205	0.81	1.78
205-14	7/8	3/4	5/8	1-1/4	3-13/16	2-7/16	25/64	2-1/64	3-1/2	2-63/64	1-1/64	15/16	15/32	1-1/4	1.3425	0.5629	205-14		0.84	1.85
205-15	15/16	19	16	32	97	62	10	51	89	76	51	14	12	32	34.1	14.3	205-15		0.82	1.80
205-16	1																205-16		0.81	1.78
UCT 206	30 mm																UC 206	T 206	1.22	2.68
206-18	1-1/8	55/64	5/8	1-29/64	4-7/16	2-3/4	25/64	2-1/4	4-1/64	3-1/2	2-7/32	1-3/32	15/32	1-29/64	1.500	0.6259	206-18		1.24	2.73
206-19	1-3/16	22	16	37	113	70	10	57	102	89	56	28	12	37	38.1	15.9	206-19		1.22	2.68
206-20	1-1/4																206-20		1.21	2.66
UCT 207	35 mm																UC 207	T 207	1.44	3.17
207-20	1-1/4	55/64	5/8	1-29/64	5-3/32	3-5/64	33/64	2-33/64	4-1/64	3-1/2	w2-33/64	1-3/16	15/32	1-29/64	1.6890	0.6889	207-20		1.50	3.30
207-21	1-5/16	22	16	37	129	78	13	64	102	89	64	30	12	37	42.9	17.5	207-21		1.46	3.21
207-22	1-3/8																207-22		1.44	3.17
207-23	1-7/16																207-23		1.41	3.10
UCT 208	40 mm	1-9/64	3/4	1-15/16	5-21/32	3-1/2	5/8	3-17/64	4-1/2	4-1/64	3-17/64	1-5/16	5/8	1-15/16	1.9370	0.7480	UC 208	T 208	2.40	5.28
208-24	1-1/2	29	19	49	144	89	16	83	114	102	83	33	16	49	49.2	19	208-24		2.44	5.37
208-25	1-9/16																208-25		2.41	5.30
UCT 209	45 mm	1-9/64	3/4	1-15/16	5-21/32	3-27/64	5/8	3-17/64	4-19/32	4-1/64	3-17/64	1-3/8	5/8	1-15/16	1.9370	0.7480	UC 209	T 209	2.36	5.19
209-26	1-5/8	29	19	49	144	87	16	83	117	102	83	35	16	49	49.2	19	209-26		2.46	5.41
209-27	1-11/16																209-27		2.42	5.32
209-28	1-3/4																209-28		2.38	5.24

Take Up Unit

Normal Duty - Narrow Slot



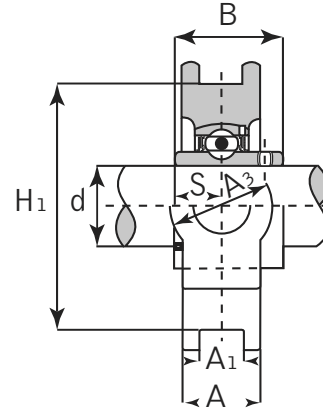
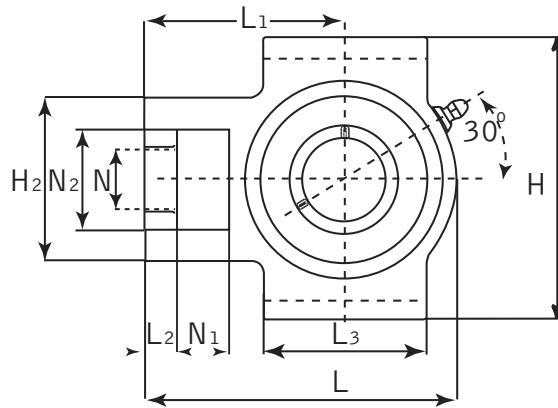
UCT Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)															Bearing No.	Housing No.	Weight	
		d	N	N1	N2	L	L1	L2	L3	H	H1	H2	A	A1	A3	B			S	kg
UCT 210	50 mm																UC 210	T 210	2.43	5.35
210-30	1-7/8	1-9/64	3/4	1-15/16	5-7/8	3-35/64	5/8	3-17/64	4-19/32	4-1/64	3-17/64	1-15/32	5/8	1-15/16	2.0315	0.7480	210-30		2.50	5.50
210-31	1-15/16	29	19	49	149	90	16	86	117	102	83	37	16	49	51.6	19	210-31		2.45	5.39
210-32	2																210-32		2.41	5.30
UCT 211	55 mm																UC 211	T 211	4.11	9.04
211-32	2	1-3/8	63/64	2-1/32	6-23/32	4-11/64	3/4	3-3/4	5-3/4	5-1/8	4-1/64	1-1/2	55/64	2-33/64	2.1890	0.8740	211-32		4.26	9.37
211-34	2-1/8	35	25	64	171	106	19	95	146	130	102	38	22	64	55.6	22.2	211-34		4.15	9.13
211-35	2-3/16																211-35		4.09	9.00
UCT 212	60 mm																UC 212	T 212	4.97	10.93
212-36	2-1/4	1-3/8	1-17/64	2-1/32	7-5/8	4-11/16	3/4	4-1/64	5-3/4	5-1/8	4-1/64	1-21/32	55/64	2-33/64	2.5236	1.000	212-36		5.10	11.22
212-38	2-3/8	35	32	64	194	119	19	102	146	130	102	42	22	64	64.1	25.4	212-38		4.95	10.89
212-39	2-7/16																212-39		4.88	10.74
UCT 213	65 mm	1-17/64	1-17/64	2-3/4	8-13/16	5-25/64	53/64	4-3/4	6-9/16	5-15/16	4-3/8	1-23/32	1-1/32	2-3/4	2.5630	1.000	UC 213	T 213	6.65	14.63
213-40	2-1/2	32	32	70	224	137	21	121	167	151	111	44	26	70	65.1	25.4	213-40		6.74	14.83
UCT 214	70 mm	1-39/64	1-17/64	2-3/4	8-13/16	5-25/64	53/64	4-3/4	6-9/16	5-15/16	4-3/8	1-13/16	1-1/32	2-3/4	2.9370	1.1889	UC 214	T 214	7.05	15.51
214-43	2-11/16	41	32	70	224	137	21	121	167	151	111	46	26	70	74.6	30.2	214-43		7.26	15.97
214-44	2-3/4																214-44		7.06	15.53
UCT 215	75 mm	1-39/64	1-17/64	2-3/4	9-1/8	5-33/64	53/64	4-3/4	6-9/16	5-15/16	4-3/8	1-57/64	1-1/32	2-3/4	3.0630	1.3110	UC 215	T 215	7.41	16.30
215-47	2-15/16	41	32	70	232	140	21	121	167	151	111	48	26	70	77.8	33.3	215-47		7.44	16.37
215-48	3																215-48		7.32	16.10
UCT 216	80 mm	1-39/64	1-17/64	2-3/4	9-1/4	5-33/64	53/64	4-3/4	7-1/4	6-1/2	4-3/8	2	1-1/32	2-3/4	3.2520	1.3110	UC 216	T 216	8.30	18.26
216-50	3-1/8	41	32	70	235	140	21	121	184	165	111	51	26	70	82.6	33.3	216-50		8.35	18.37
UCT 217	85 mm	1-57/64	1-1/2	2-7/8	10-1/4	6-3/8	1-9/64	6-3/16	7-25/32	6-13/16	4-7/8	2-1/8	1-3/16	2-7/8	3.3740	1.3425	UC 217	T 217	11.00	24.20
217-52	3-1/4	48	38	73	260	162	29	157	198	173	124	54	30	73	85.7	34.1	217-52		11.22	24.68
217-55	3-7/16																217-55		10.80	23.76



Take Up Unit

Normal Duty - Wide Slot

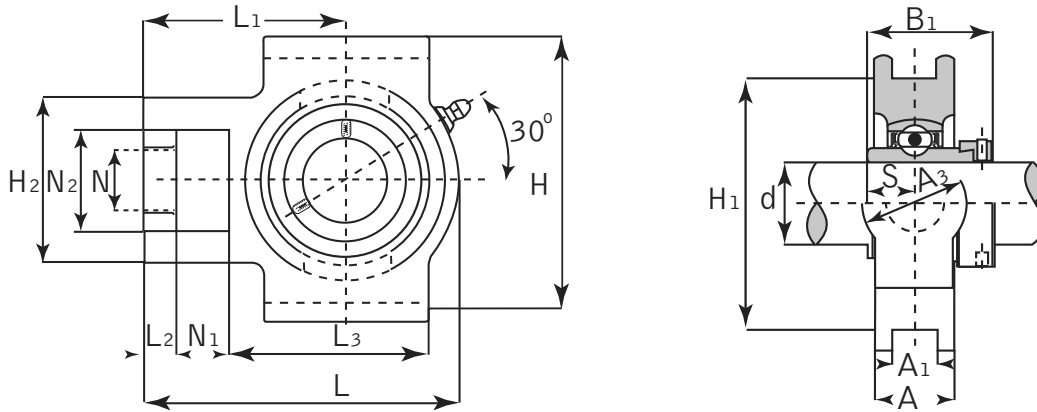


UCST Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)															Bearing No.	Housing No.	Weight		
		d	N	N1	N2	L	L1	L2	L3	H	H1	H2	A	A1	A3	B			S	kg	lbs
UCST 201 201-8 202 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4																	UC 201 201-8 202 202-10 203 203-11 204 204-12	ST 204	0.80 0.79 0.79 0.79 0.78 0.77 0.76 0.76	1.76 1.74 1.74 1.74 1.72 1.69 1.67 1.67
UCST 205 205-14 205-15 205-16	25 mm 7/8 15/16 1																	UC 205 205-14 205-15 205-16	ST 205	0.81 0.84 0.82 0.81	1.78 1.85 1.80 1.78
UCST 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4																	UC 206 206-18 206-19 206-20	ST 206	1.22 1.24 1.22 1.21	2.68 2.73 2.68 2.66
UCST 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16																	UC 207 207-20 207-21 207-22 207-23	ST 207	1.44 1.50 1.46 1.44 1.41	3.17 3.30 3.21 3.17 3.10
UCST 208 208-24 208-25	40 mm 1-1/2 1-9/16																	UC 208 208-24 208-25	ST 208	2.40 2.44 2.41	5.28 5.37 5.30
UCST 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4																	UC 209 209-26 209-27 209-28	ST 209	2.36 2.46 2.42 2.38	5.19 5.41 5.32 5.24
UCST 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2																	UC 210 210-30 210-31 210-32	ST 210	2.43 2.50 2.45 2.41	5.35 5.50 5.39 5.30
UCST 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16																	UC 211 211-32 211-34 211-35	ST 211	4.11 4.26 4.15 4.09	9.04 9.37 9.13 9.00
UCST 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16																	UC 212 212-36 212-38 212-39	ST 212	4.97 5.10 4.95 4.88	10.93 11.22 10.89 10.74

Take Up Unit

Normal Duty - Wide Slot



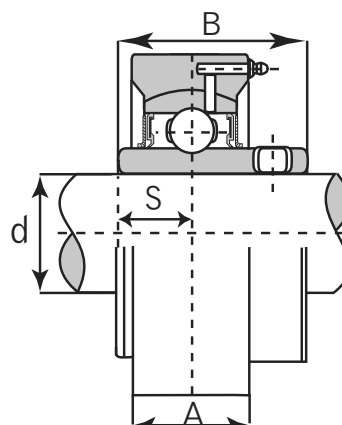
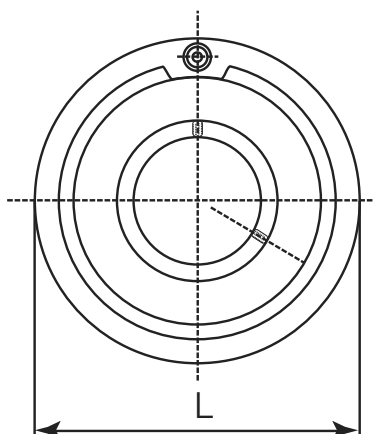
HCST Eccentric Locking Collar

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)															Bearing No.	Housing No.	Weight	
		d	N	N1	N2	L	L1	L2	L3	H	H1	H2	A	A1	A3	B1			S	kg
HCST 201 201-8 202 202-9 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 9/16 5/8 17 mm 11/16 20 mm 3/4	3/4 19	5/8 16	1-1/4 32	3-11/16 94	2-3/8 60.3	13/32 10	2 51	3-1/2 89	3 76.2	2 51	15/16 24	17/32 13.5	1-1/4 32	1.7125 43.5	0.6732 17.1	HC 201 201-8 202 202-9 202-10 203 203-11 204 204-12	ST 204	0.79	1.74
HCST 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3/4 19	5/8 16	1-1/4 32	3-13/16 97	2-7/16 62	13/32 10	2 51	3-1/2 89	3 76.2	2 51	15/16 24	17/32 13.5	1-1/4 32	1.7440 44.3	0.6889 17.5	HC 205 205-14 205-15 205-16	ST 205	0.88	1.94
HCST 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	55/64 22	5/8 16	1-7/16 36.5	4-7/16 113	2-3/4 70	13/32 10	2 57	4-1/64 102	3-1/2 89	2-7/32 56	15/16 24	17/32 13.5	1-7/16 36.5	1.9015 48.3	0.7204 18.3	HC 206 206-18 206-19 206-20	ST 206	1.30	2.86
HCST 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	55/64 22	5/8 16	1-7/16 36.5	5-3/32 129	3-5/64 78	1/2 13	2-1/2 63.5	4-1/64 102	3-1/2 89	2-17/32 64	1-3/16 30	17/32 13.5	1-7/16 36.5	2.0118 51.1	0.7401 18.8	HC 207 207-20 207-21 207-22 207-23	ST 207	1.70	3.74
HCST 208 208-24 208-25	40 mm 1-1/2 1-9/16	1-7/64 28	3/4 19	1-15/16 49	5-21/32 144	3-1/2 89	5/8 16	3-1/4 82.5	4-1/2 114.3	4-1/64 102	3-9/32 83	1-3/8 35	11/16 17.5	1-15/16 49	2.2165 56.3	0.8425 21.4	HC 208 208-24 208-25	ST 208	2.50	5.50
HCST 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	1-7/64 28	3/4 19	1-15/16 49	5-21/32 144	3-7/16 87	5/8 16	3-1/4 82.5	4-39/64 117	4-1/64 102	3-9/32 83	1-3/8 35	11/16 17.5	1-15/16 49	2.2165 56.3	0.8425 21.4	HC 209 209-26 209-27 209-28	ST 209	2.50	5.50
HCST 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	1-7/64 28	3/4 19	1-15/16 49	5-7/8 149	3-35/64 90	5/8 16	3-3/8 85.7	4-39/64 117	4-1/64 102	3-9/32 83	1-3/8 35	11/16 17.5	1-15/16 49	2.4685 62.7	0.9685 24.6	HC 210 210-30 210-31 210-32	ST 210	2.60	5.72
HCST 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	1-3/8 35	1 25.4	2-1/2 63.5	6-23/32 171	4-11/64 106	3/4 19	3-3/4 95	5-3/4 146	5-1/8 130	4-1/32 102	1-5/8 41	1-1/16 27	2-1/2 63.5	2.8070 71.3	1.0944 27.8	HC 211 211-32 211-34 211-35	ST 211	4.00	8.80
HCST 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	1-3/8 35	1-1/4 32	2-1/2 63.5	7-5/8 194	4-11/16 119	3/4 19	4-1/32 102	5-3/4 146	5-1/8 130	4-1/32 102	1-13/16 46	1-1/16 27	2-1/2 63.5	3.0590 77.7	1.2204 31	HC 212 212-36 212-38 212-39	ST 212	4.90	10.78



Cylindrical Cartridge Unit

Normal Duty

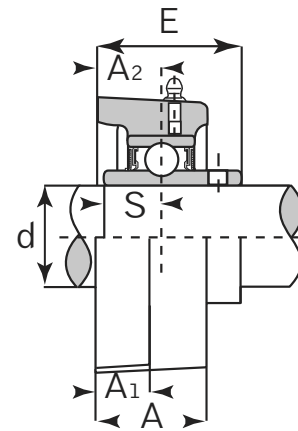
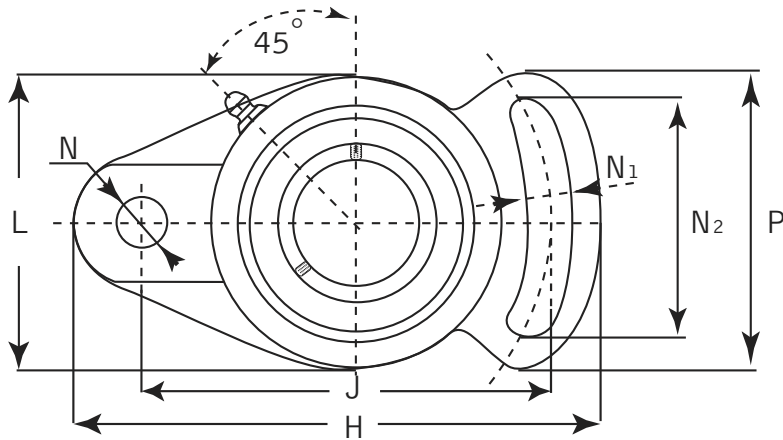


UCC Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)				Bearing No.	Housing No.	Weight	
		d	L	A	S			kg	lbs
UCC 201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 1 1/16	72	2.8346 20	25/32 12.7	0.500 31.0	UC 201 201-8 202 202-10 203 203-11	C 204	0.52 0.51 0.51 0.51 0.50 0.49	1.14 1.12 1.12 1.12 1.10 1.08
UCC 204 204-12	20 mm 3/4					UC 204 204-12		0.48 0.48	1.06 1.06
UCC 205 205-14 205-15 205-16	25 mm 7/8 15/16 1					UC 205 205-14 205-15 205-16		0.63 0.66 0.64 0.63	1.39 1.45 1.41 1.39
UCC 206 206-17 206-18 206-19 206-20	30 mm 1-1/16 1-1/8 1-3/16 1-1/4					UC 206 206-17 206-18 206-19 206-20		0.80 0.83 0.82 0.80 0.79	1.76 1.83 1.80 1.76 1.74
UCC 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16					UC 207 207-20 207-21 207-22 207-23		0.93 0.99 0.96 0.93 0.90	2.05 2.18 2.11 2.05 1.98
UCC 208 208-24 208-25	40 mm 1-1/2 1-9/16					UC 208 208-24 208-25		1.22 1.26 1.23	2.68 2.77 2.71

Adjustable Flange Unit

Normal Duty



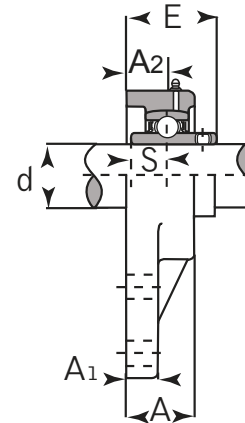
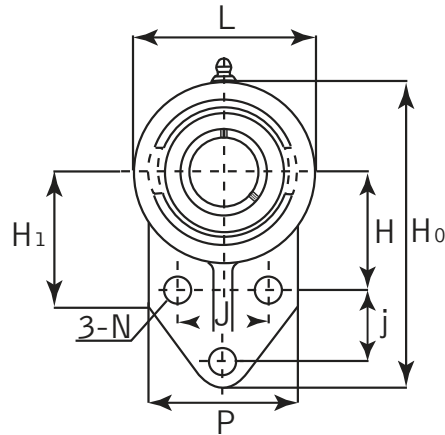
UCFA Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)												Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	J	L	P	A	A1	A2	N	N1	N2	E	S			kg	lbs
UCFA 201	12 mm														UC 201		0.50	1.10
201-8	1/2														201-8		0.49	1.08
202	15 mm														202		0.49	1.08
202-10	5/8		3-27/32	3-5/64	2-3/8	1-31/32	1	15/32	19/32	25/64	25/64	1-9/16	1.3110	0.500	202-10	FA 204	0.49	1.08
203	17 mm		98	78	60	50	25.4	12	15	10	10	40	33.3	12.7	203		0.48	1.06
203-11	11/16														203-11		0.46	1.01
204	20 mm														204		0.46	1.01
204-12	3/4														204-12		0.46	1.01
UCFA 205	25 mm														UC 205		0.66	1.45
205-14	7/8		4-7/8	3-55/64	2-3/4	2-9/16	1-1/16	35/64	5/8	33/64	33/64	1-59/64	1.4094	0.5629	205-14	FA 205	0.69	1.52
205-15	15/16		124	98	70	65	27	14	16	13	13	49	35.8	14.3	205-15		0.67	1.47
205-16	1														205-16		0.66	1.45
UCFA 206	30 mm														UC 206		0.93	2.05
206-18	1-1/8		5-9/16	4-17/32	3-9/32	2-27/32	1-7/32	35/64	45/64	33/64	33/64	2-13/64	1.5826	0.6259	206-18	FA 206	0.95	2.09
206-19	1-3/16		141	115	83	72	31	14	18	13	13	56	40.2	15.9	206-19		0.93	2.05
206-20	1-1/4														206-20		0.92	2.02
UCFA 207	35 mm														UC 207		1.46	3.21
207-20	1-1/4		6-3/32	5-3/64	3-25/32	3-7/32	1-11/32	5/8	3/4	19/32	19/32	2-9/16	1.7480	0.6889	207-20	FA 207	1.52	3.34
207-21	1-5/16		155	128	96	82	34	16	19	15	15	65	44.4	17.5	207-21		1.49	3.28
207-22	1-3/8														207-22		1.46	3.21
207-23	1-7/16														207-23		1.43	3.15
UCFA 208	40 mm														UC 208		1.78	3.92
208-24	1-1/2		6-23/32	5-19/32	4-1/8	3-15/32	1-1/2	5/8	53/64	19/32	19/32	2-45/64	2.0157	0.7480	208-24	FA 208	1.82	4.00
208-25	1-9/16		171	142	105	87	38	16	21	15	15	69	51.2	19	208-25		1.79	3.94
UCFA 209	45 mm														UC 209		2.03	4.47
209-26	1-5/8		7-1/16	5-3/4	4-3/8	3-17/32	1-37/64	45/64	55/64	43/64	43/64	2-3/4	2.0551	0.7480	209-26	FA 209	2.13	4.69
209-27	1-11/16		179	146	111	90	40	18	22	17	17	70	52	19	209-27		2.09	4.60
209-28	1-3/4														209-28		2.05	4.51
UCFA 210	50 mm														UC 210		2.23	4.91
210-30	1-7/8		7-7/16	6-7/64	4-9/16	3-1/16	1-37/64	45/64	55/64	43/64	43/64	2-61/64	2.1496	0.7480	210-30	FA 210	2.30	5.06
210-31	1-15/16		189	155	116	94	40	18	22	17	17	75	54.6	19	210-31		2.25	4.95
210-32	2														210-32		2.21	4.86



Flange Bracket Unit

Normal Duty

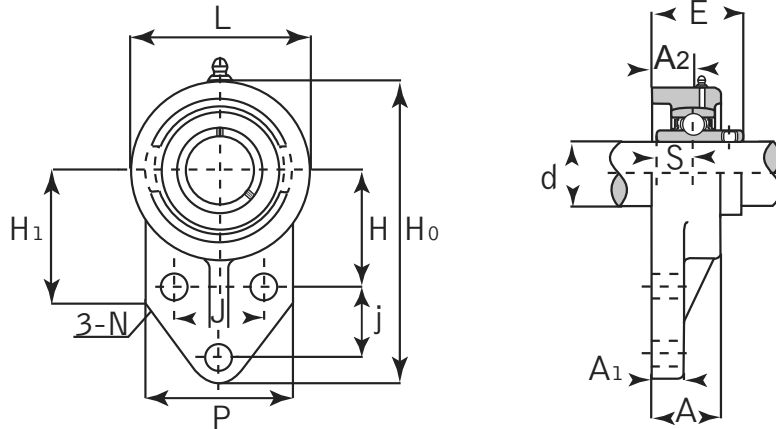


UCFB Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)													Bolt Size	Bearing No.	Housing No.	Weight	
		d	H	H0	H1	L	P	J	j	A	A1	A2	N	E				S	kg
UCFB 201 201-8 202 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4	1-21/32 42	4-1/4 107.9	2-1/16 52	2-1/2 63.5	2-3/8 60.3	1-1/2 38.1	7/8 22.2	1 25.4	5/16 8.0	5/8 15.9	13/32 10	1.3425 34.1	0.500 12.7	5/16 M 8	UC 201 201-8 202 202-10 203 203-11 204 204-12	FB 204	0.70	1.54
UCFB 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	1-49/64 45	4-3/4 120.7	2-1/16 52	2-3/4 69.9	2-1/2 63.5	1-5/8 41.3	1-1/8 28.6	1-1/8 28.6	3/8 9.6	21/32 16.7	13/32 10	1.4370 36.5	0.5629 14.3	5/16 M 8	UC 205 205-14 205-15 205-16	FB 205	0.80	1.76
UCFB 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	1-31/32 50	5-3/8 136.5	2-5/32 55	3-1/4 82.6	2-3/4 69.9	1-7/8 47.6	1-1/4 31.8	1-1/4 31.8	3/8 9.6	47/64 18.7	13/32 10	1.6102 40.9	0.6259 15.9	5/16 M 8	UC 206 206-18 206-19 206-20	FB 206	1.00	2.20
UCFB 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	2-3/8 60.3	6-1/8 155.6	2-7/16 62	3-3/4 95.3	3-1/4 82.6	2 50.8	1-1/4 31.8	1-7/16 36.5	1/2 12.7	13/16 21	33/64 13.1	1.8267 46.4	0.6889 17.5	3/8 M 10	UC 207 207-20 207-21 207-22 207-23	FB 207	1.30	2.86
UCFB 208 208-24 208-25	40 mm 1-1/2 1-9/16	2-33/64 60	6-15/32 164.3	2-27/32 72	3-31/32 100.9	3-1/16 77.8	1-31/32 50	1-5/8 41.3	1-13/32 35.7	5/8 15.9	13/16 21	33/64 13.1	2.0157 51.2	0.7480 19	3/8 M 10	UC 208 208-24 208-25	FB 208	1.40	3.08
UCFB 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	2-9/16 65	6-27/32 173.9	3 76	4-7/32 107.4	3-5/32 80.2	2-1/8 53.9	1-11/16 42.9	1-1/2 38.1	23/32 18.3	55/64 21.8	33/64 13.1	2.0157 51.2	0.7480 19	3/8 M 10	UC 209 209-26 209-27 209-28	FB 209	2.20	4.84
UCFB 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	2-15/16 74.6	7-1/2 190.5	3-7/32 82	4-5/8 117.5	4 101.6	2-3/4 69.9	1-5/8 41.3	1-1/2 38.1	23/32 12.7	55/64 21.8	33/64 13.1	2.1102 53.6	0.7480 19	3/8 M 10	UC 210 210-30 210-31 210-32	FB 210	2.50	5.50

Flange Bracket Unit

Normal Duty



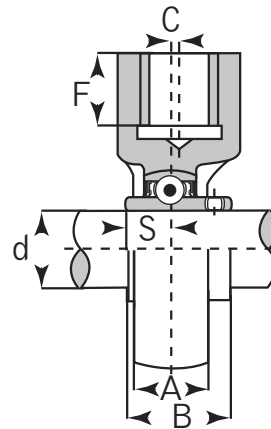
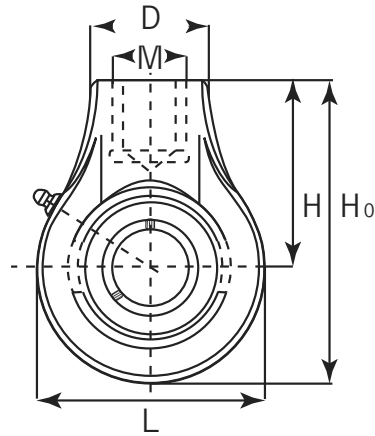
UCFK Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)													Bolt Size	Bearing No.	Housing No.	Weight	
	d	H	H0	H1	L	P	J	j	A	A1	A2	N	E	S				kg	lbs
UCFK 201 201-8 202 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4	1-21/32 42	4-11/32 110	2-1/16 52	2-7/16 62	2-1/16 52	1-1/4 32	1-1/16 27	1 25.4	1/2 13	19/32 15	13/32 10	1.2204 31	0.500 12.7	5/16 M 8	UC 201 201-8 202 202-10 203 203-11 204 204-12	FK 204	0.60	1.32
UCFK 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	1-25/32 45	4-9/16 116	2-1/16 52	2-11/16 68	2-7/32 56	1-11/32 34	1-1/16 27	1-1/16 27	1/2 13	5/8 16	13/32 10	1.3385 34	0.5629 14.3	5/16 M 8	UC 205 205-14 205-15 205-16	FK 205	0.66	1.45
UCFK 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	1-31/32 50	5-1/8 130	2-5/32 55	3-1/16 78	2-9/16 65	1-9/16 40	1-3/16 29	1-1/4 31	1/2 13	23/32 18	13/32 10	1.500 38.1	0.6259 15.9	5/16 M 8	UC 206 206-18 206-19 206-20	FK 206	0.93	2.05
UCFK 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	2-11/64 55	5-11/16 144	2-7/16 62	3-17/32 90	2-3/4 70	1-13/16 46	1-1/4 32	1-11/32 34	19/32 15	3/4 19	13/32 10	1.6889 42.9	0.6889 17.5	5/16 M 8	UC 207 207-20 207-21 207-22 207-23	FK 207	1.3	2.86
UCFK 208 208-24 208-25	40 mm 1-1/2 1-9/16	2-3/8 60	6-7/16 164	2-27/32 72	3-15/16 100	3-1/16 78	1-31/32 50	1-5/8 41	1-13/32 36	5/8 16	13/16 21	15/32 12	1.9370 49.2	0.7480 19	3/8 M 10	UC 208 208-24 208-25	FK 208	1.7	3.74
UCFK 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	2-9/16 65	6-27/32 174	3 76	4-3/16 106	3-5/32 80	2-1/8 54	1-11/16 43	1-1/2 38	23/32 18	7/8 22	15/32 12	1.9370 49.2	0.7480 19	3/8 M 10	UC 209 209-26 209-27 209-28	FK 209	1.9	4.18
UCFK 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	2-11/16 68	7-1/4 184	3-7/32 82	4-13/32 112	3-3/8 86	2-9/32 58	1-13/16 46	1-9/16 40	23/32 18	7/8 22	15/32 12	2.0314 51.6	0.7480 19	3/8 M 10	UC 210 210-30 210-31 210-32	FK 210	2.2	4.84



Hanger Unit

Normal Duty

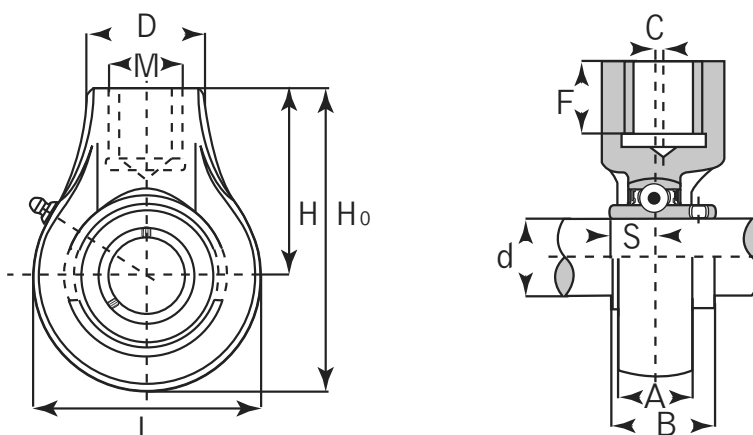


UCHA Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bearing No.	Housing No.	Weight	
		d	H	H0	L	C	A	M	D	F	B			S	kg
UCHA 201 201-8 202 202-10 203 203-11 204 204-12	12 mm 1/2 15 mm 5/8 17 mm 11/16 20 mm 3/4	2-33/64 64	3-25/32 96	2-33/64 64	0 0	13/16 21	G-3/4	1-37/64 40	3/4 19	1.2204 31	0.500 12.7	UC 201 201-8 202 202-10 203 203-11 204 204-12	HA 204	0.73 0.72 0.72 0.72 0.72 0.71 0.69 0.69	1.61 1.58 1.58 1.58 1.58 1.56 1.52 1.52
UCHA 205 205-14 205-15 205-16	25 mm 7/8 15/16 1	2-33/64 64	4-1/16 103	3-1/16 78	0 0	15/16 24	G-3/4	1-37/64 40	3/4 19	1.3425 34.1	0.5629 14.3	UC 205 205-14 205-15 205-16	HA 205	0.83 0.86 0.84 0.83	1.83 1.89 1.85 1.83
UCHA 206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	2-33/64 64	4-1/16 103	3-1/16 78	0 0	1-7/64 28	G-3/4	1-37/64 40	3/4 19	1.500 38.1	0.6259 15.9	UC 206 206-18 206-19 206-20	HA 206	0.83 0.85 0.83 0.82	1.83 1.87 1.83 1.80
UCHA 207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	2-3/4 70	4-9/16 116	3-5/8 92	0 0	1-3/16 30	G-3/4	1-37/64 40	3/4 19	1.6889 42.9	0.6889 17.5	UC 207 207-20 207-21 207-22 207-23	HA 207	1.16 1.22 1.19 1.16 1.13	2.55 2.68 2.62 2.55 2.49
UCHA 208 208-24 208-25	40 mm 1-1/2 1-9/16	2-7/8 73	4-3/4 121	3-25/32 96	5/64 2	1-5/16 33	G-3/4	1-37/64 40	3/4 19	1.9370 49.2	0.7480 19	UC 208 208-24 208-25	HA 208	1.32 1.36 1.33	2.90 2.99 2.93
UCHA 209 209-26 209-27 209-28	45 mm 1-5/8 1-11/16 1-3/4	3-15/64 82	5-11/32 136	4-1/4 108	13/64 5	1-3/8 35	G-1	1-57/64 48	53/64 21	1.9370 49.2	0.7480 19	UC 209 209-26 209-27 209-28	HA 209	1.92 2.02 1.98 1.94	4.22 4.44 4.36 4.27

Hanger Unit

Normal Duty



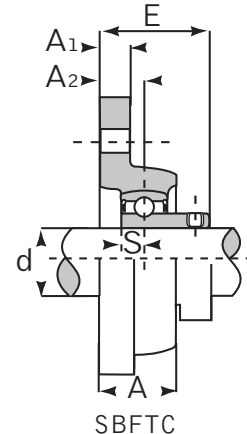
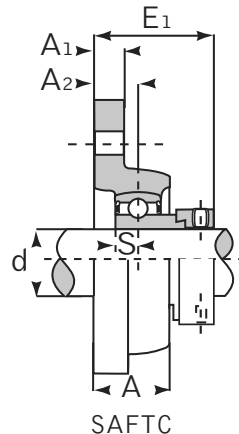
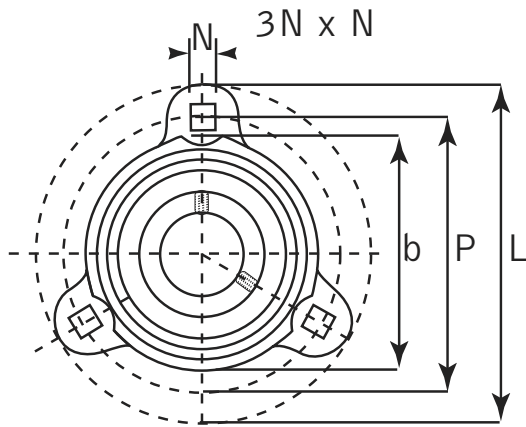
UCHA Set Screw Locking

Unit No.	Shaft Dia. (inch / mm)	Dimensions (inch / mm)										Bearing No.	Housing No.	Weight	
		d	H	H0	L	C	A	M	D	F	B			S	kg
UCHA 210 210-30 210-31 210-32	50 mm 1-7/8 1-15/16 2	3-17/64 83	5-19/32 142	4-21/32 118	13/64 5	1-29/64 37	G-1	1-57/64 48	53/64 21	2.0314 51.6	0.7480 19	UC 210 210-30 210-31 210-32	HA 210	1.90 1.97 1.92 1.88	4.18 4.33 4.22 4.14
UCHA 211 211-32 211-34 211-35	55 mm 2 2-1/8 2-3/16	3-27/64 87	5-29/32 150	4-31/32 126	9/32 7	1-1/2 38	G-1-1/4	2-23/64 60	63/64 25	2.1889 55.6	0.8740 22.2	UC 211 211-32 211-34 211-35	HA 211	2.16 2.76 2.65 2.59	4.75 6.07 5.83 5.70
UCHA 212 212-36 212-38 212-39	60 mm 2-1/4 2-3/8 2-7/16	4-1/64 102	6-13/16 173	5-19/32 142	23/64 9	1-21/32 42	G-1-1/4	2-23/64 60	1-7/64 28	2.5629 65.1	1.000 25.4	UC 212 212-36 212-38 212-39	HA 212	3.54 3.67 3.52 3.45	7.79 8.07 7.74 7.59
UCHA 213 213-40	65 mm 2-1/2	4-39/64 117	7-7/8 200	6-17/32 166	3/8 9.5	1-47/64 44	G-1-1/2	2-3/4 70	1-17/64 32	2.5629 65.1	1.000 25.4	UC 213 213-40	HA 213	5.80 5.89	12.76 12.96
UCHA 214 214-43 214-44	70 mm 2-11/16 2-3/4	4-39/64 117	7-7/8 200	6-17/32 166	3/8 9.5	1-47/64 44	G-1-1/2	2-3/4 70	1-17/64 32	2.9370 74.6	1.1889 30.2	UC 214 214-43 214-44	HA 214	5.64	12.41
UCHA 215 215-47 215-48	75 mm 2-15/16 3	4-39/64 117	7-7/8 200	6-17/32 166	3/8 9.5	1-47/64 44	G-1-1/2	2-3/4 70	1-17/64 32	3.0629 77.8	1.3110 33.3	UC 215 215-47 215-48	HA 215	5.58	12.28



Malleable Ductile Flange Unit

Light Duty

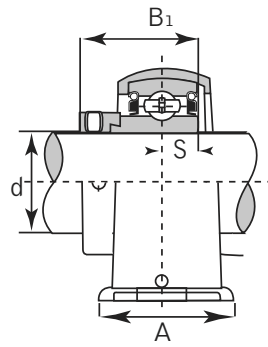
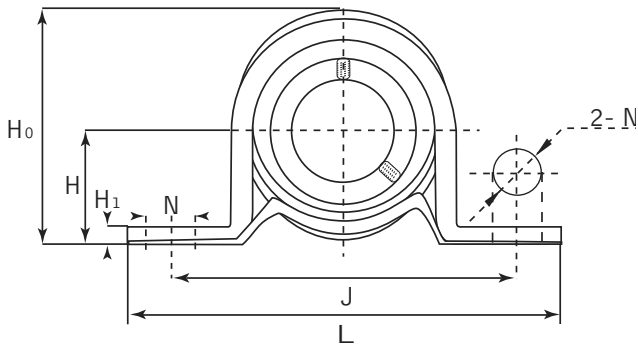


SAFCT Eccentric Locking Collar SBFCT Set Screw Locking

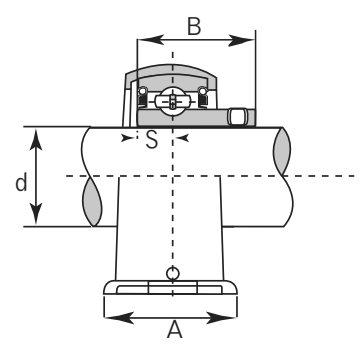
Unit No. SAFCT SBFCT	Shaft Dia. (inch / mm)	Dimensions (inch / mm)							SAFCT		SBFCT		Bearing No. SA / SB	Housing No.	Weight	
		d	L	P	A	A1	A2	N	b	E1	S	E	S		kg	lbs
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 1 1/16	3-3/16 80.9	2-1/2 63.5	45/64 18	13/32 10.3	3/8 9.7	9/32 7.1	2-3/32 53.2	1.2913 32.8	0.2559 6.5	1.0511 26.7	0.2362 6	201 201-8 202 202-10 203 203-11	FCT 203	0.26	0.57
204 204-12	20 mm 3/4	3-9/16 90.5	2-13/16 71.4	25/32 20	7/16 11.1	7/16 11.1	11/32 8.7	2-13/16 55.9	1.3582 34.5	0.2952 7.5	1.1456 29	0.2755 7	204 204-12	FCT 204	0.37	0.81
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-3/4 95.3	3 76.2	25/32 20	1/2 12.7	7/16 11.1	11/32 8.7	2-13/16 71.4	1.3267 33.7	0.2952 7.5	1.1732 29.8	0.2952 7.5	205 205-14 205-15 205-16	FCT 205	0.48	1.06
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-9/16 115.9	3-9/16 90.5	29/32 23	19/32 15.1	7/16 11.1	13/32 10.3	3 76.2	1.5236 38.7	0.3543 9	1.3385 34	0.3149 8	206 206-18 206-19 206-20	FCT 206	0.70	1.54
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-13/16 122.2	3-15/16 100	61/64 24	19/32 15.1	1/2 12.7	13/32 10.3	3-15/32 88.1	1.6574 42.1	0.3740 9.5	1.4251 36.2	0.3346 8.5	207 207-20 207-21 207-22 207-23	FCT 207	0.91	2.00

Pressed Steel Unit

Light Duty



SAPP



SBPP

SAPP Eccentric Locking Collar

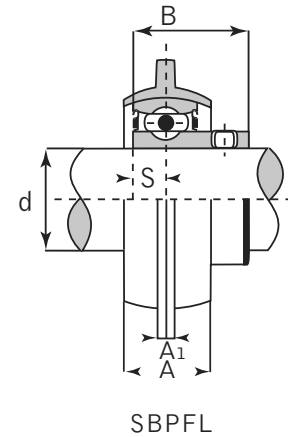
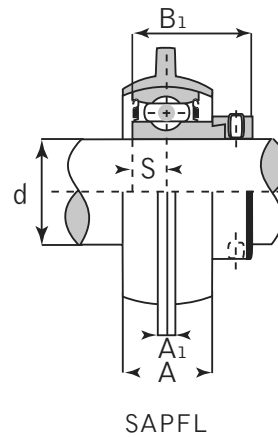
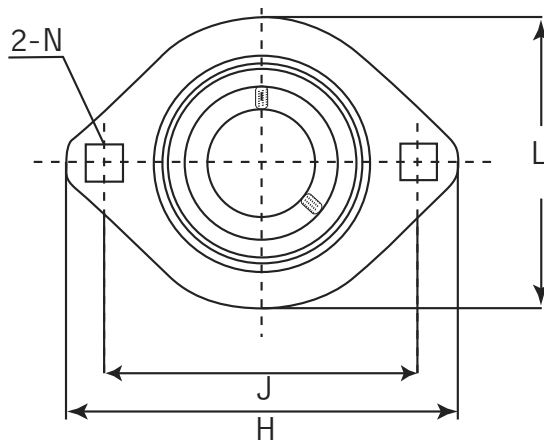
SBPP Set Screw Locking

Unit No. SAPP SBPP	Shaft Dia. (inch / mm)	Dimensions (inch / mm)							Bolt Size	SAPP		SBPP		Bearing No. SA / SB	Housing No.	Weight	
		d	H	L	J	A	N	H1		H0	B1	S	B			S	kg
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 11/16	7/8 22.2	3-3/8 86	2-43/64 68	63/64 25	3/8 9.5	1/8 3.2	1-23/32 43.8	5/16 M8	1.1259 28.6	0.2559 6.5	0.8661 22	0.2362 6	201 201-8 202 202-10 203 203-11	PP 203	0.19	0.42
204 204-12	20 mm 3/4	1 25.4	3-27/32 98	2-63/64 76	1-1/4 32	3/8 9.5	1/8 3.2	1-63/64 50.5	5/16 M8	1.2204 31	0.2952 7.5	0.9842 25	0.2755 7	204 204-12	PP 204	0.23	0.51
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	1-1/8 28.6	4-1/4 108	3-25/64 86	1-1/4 32	29/64 11.5	5/32 4	2-15/64 56.6	5/16 M8	1.2204 31	0.2952 7.5	1.0629 27	0.2952 7.5	205 205-14 205-15 205-16	PP 205	0.32	0.71
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	1-5/16 33.3	4-39/64 117	3-47/64 95	1-1/2 38	29/64 11.5	5/32 4	2-39/64 66.3	5/16 M8	1.4055 35.7	0.3543 9	1.1811 30	0.3149 8	206 206-18 206-19 206-20	PP 206	0.50	1.10
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	1-9/16 39.7	5-5/64 129	4-5/32 106	1-21/32 42	29/64 11.5	3/16 4.6	3-1/8 78	5/16 M8	1.5314 38.9	0.3740 9.5	1.2598 32	0.3346 8.5	207 207-20 207-21 207-22 207-23	PP 207	0.71	1.56



Pressed Steel Unit

Light Duty

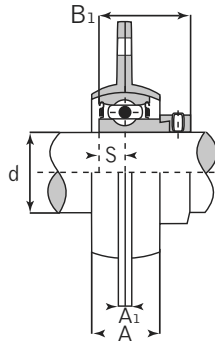
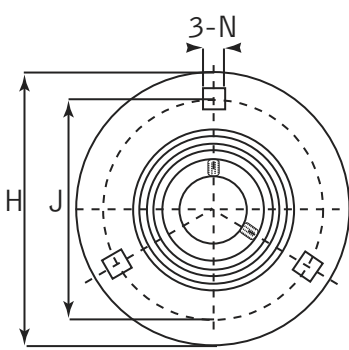


SAPFL Eccentric Locking Collar SBPFL Set Screw Locking

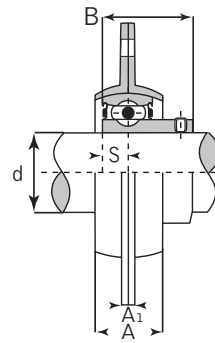
Unit No. SAPFL SBPFL	Shaft Dia. (inch / mm)	Dimensions (inch / mm)						SAPFL		SBPFL		Bearing No. SA / SB	Housing No.	Weight	
		d	H	J	L	A	A1	N	B1	S	B	S		kg	lbs
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 11/16	3-3/16 81	2-1/2 63.5	2-5/16 59	9/16 14	5/32 4	17/64 7.1	1.1259 28.6	0.2559 6.5	0.8661 22	0.2362 6	201 201-8 202 202-10 203 203-11	PFL 203	0.22	0.48
204 204-12	20 mm 3/4	3-17/32 90	2-13/16 71.5	2-5/8 67	5/8 16	5/32 4	23/64 9	1.2204 31	0.2952 7.5	0.9842 25	0.2755 7	204 204-12	PFL 204	0.23	0.50
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-3/4 95	2-63/64 76	2-25/32 71	23/32 18	5/32 4	23/64 9	1.2204 31	0.2952 7.5	1.0629 27	0.2952 7.5	205 205-14 205-15 205-16	PFL 205	0.32	0.70
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-7/16 113	3-9/16 90.5	3-5/16 84	23/32 18	13/64 5.2	7/16 11	1.4055 35.7	0.3543 9	1.1811 30	0.3149 8	206 206-18 206-19 206-20	PFL 206	0.41	0.90
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-13/16 122	3-15/16 100	3-11/16 94	25/32 20	13/64 5.2	7/16 11	1.5314 38.9	0.3740 9.5	1.2598 32	0.3346 8.5	207 207-20 207-21 207-22 207-23	PFL 207	0.69	1.52
208 208-24 208-25	40 mm 1-1/2 1-9/16	5-13/16 148	4-11/16 119	3-15/16 100	13/16 21	17/64 6.8	17/32 13.5	1.7204 43.7	0.4330 11	1.3385 34	0.3543 9	208 208-24 208-25	PFL 208	0.83	1.83

Pressed Steel Unit

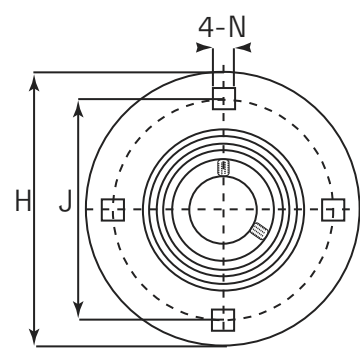
Light Duty



SAPF



SBPF



*PF208

SAPF Eccentric Locking Collar

SBPF Set Screw Locking

Unit No. SAPF SBPF	Shaft Dia. (inch / mm)	Dimensions (inch / mm)					SAPF		SBPF		Bearing No. SA / SB	Housing No.	Weight	
		d	H	J	A	A1	N	B1	S	B			S	kg
201 201-8 202 202-10 203 203-11	12 mm 1/2 15 mm 5/8 17 mm 11/16	3-3/16 81	2-1/2 63.5	9/16 14	5/32 4	9/32 7.1	1.1259 28.6	0.2559 6.5	0.8661 22	0.2362 6	201 201-8 202 202-10 203 203-11	PF 203	0.22	0.48
204 204-12	20 mm 3/4	3-35/64 90	2-13/16 71.5	5/8 16	5/32 4	23/64 9	1.2204 31	0.2952 7.5	0.9842 25	0.2755 7	204 204-12	PF 204	0.33	0.73
205 205-14 205-15 205-16	25 mm 7/8 15/16 1	3-3/4 95	2-63/64 76	23/32 18	5/32 4	23/64 9	1.2204 31	0.2952 7.5	1.0826 27	0.2952 7.5	205 205-14 205-15 205-16	PF 205	0.38	0.84
206 206-18 206-19 206-20	30 mm 1-1/8 1-3/16 1-1/4	4-7/16 113	3-9/16 90.5	23/32 18	13/64 5.2	7/16 11	1.4055 35.7	0.3543 9	1.1811 30	0.3149 8	206 206-18 206-19 206-20	PF 206	0.62	1.36
207 207-20 207-21 207-22 207-23	35 mm 1-1/4 1-5/16 1-3/8 1-7/16	4-13/16 122	3-15/16 100	25/32 20	13/64 5.2	7/16 11	1.5314 38.9	0.3740 9.5	1.2598 32	0.3346 8.5	207 207-20 207-21 207-22 207-23	PF 207	0.82	1.80
*208 *208-24 *208-25	40 mm 1-1/2 1-9/16	5-13/16 148	4-11/16 119	13/16 21	17/64 6.8	17/32 13.5	1.7204 43.7	0.4330 11	1.3385 34	0.3543 9	208 208-24 208-25	PF 208*	1.10	2.42

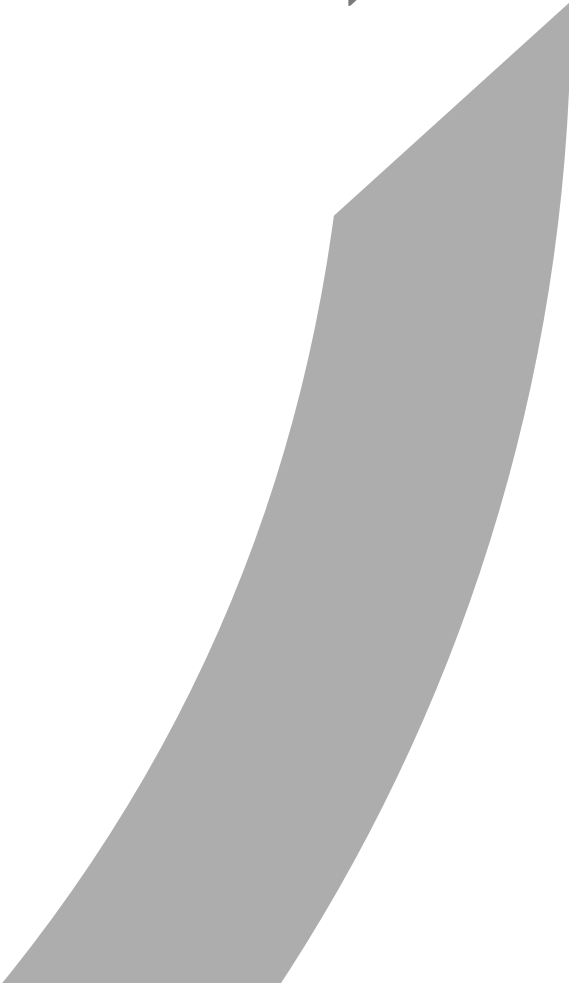
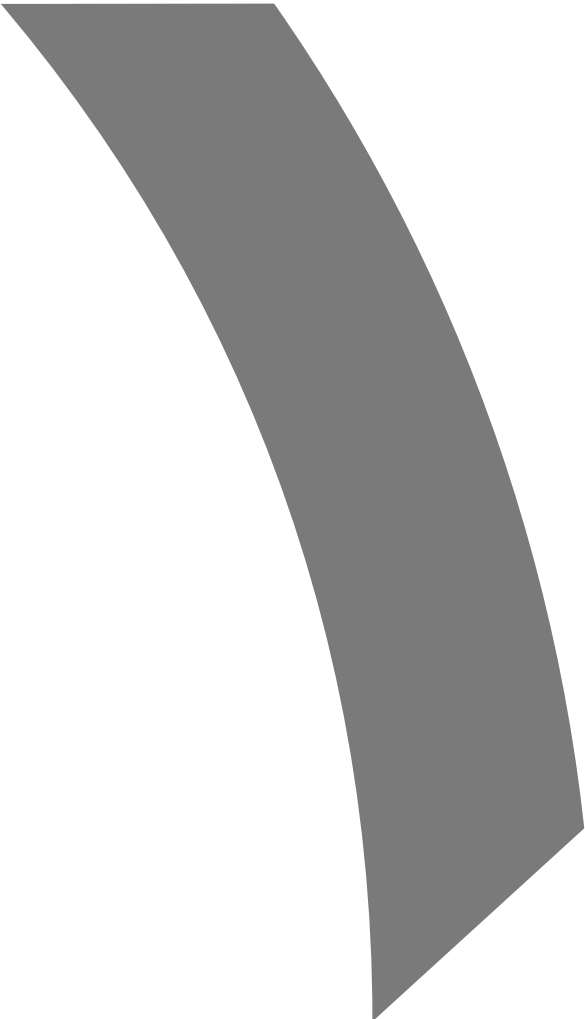
* PF 208 (four holes flange)



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www.grbbearings.com

Engineering





Radial Internal Clearance

Bearing Inserts

The radial internal clearance is per JIS B1520, equivalent to ISO 5753 for radial ball bearings. GRB stocks normal clearance for cylindrical bore bearings, and C3 clearance for tapered bore bearings because of the expansion force which results from the tightening of the adaptor. Clearances higher than C3 are used in high temperature applications. C2 clearance is sometimes required in fan applications to reduce vibrations. Bearings with these clearances are available upon request.

Cylindrical Bore Bearings - Unit = μm

Bore Diameter d (mm)		Clearance Symbols							
		C2		Normal		C3		C4	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.
10	18	0	9	3	18	11	25	18	33
18	24	0	10	5	20	13	28	20	36
24	30	1	11	5	20	13	28	23	41
30	40	1	11	6	20	15	33	28	46
40	50	1	11	6	23	18	36	30	51
50	65	1	15	8	28	23	43	38	61
65	80	1	15	10	30	25	51	46	71
80	100	1	18	12	36	30	58	53	84
100	120	2	20	15	41	36	66	61	97
120	140	2	23	18	48	41	81	71	114

Tapered Bore Bearings - Unit = μm

Bore Diameter d (mm)		Clearance Symbols							
		C2		Normal		C3		C4	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.
24	30	5	20	13	28	23	41	30	53
30	40	6	20	15	33	28	46	40	64
40	50	6	23	18	36	30	51	45	73
50	65	8	28	23	43	38	61	55	90
65	80	10	30	25	51	46	71	65	105
80	100	12	36	30	58	53	84	75	120
100	120	15	41	36	66	61	97	90	140
120	140	18	48	41	81	71	114	105	160

Material of Ball Bearing Inserts



The material of the races and balls have the following qualities:

1. Large fatigue strength against repeated stress due to fatigue fracture of the race surface which governs the life of the bearing.
2. High limit of elasticity and high yield strength to prevent deformation when a large load is applied per unit area.
3. Large abrasion resistance against sliding friction between the retainer and the ball.
4. High strength against cracking due to impact load.
5. Small secular change in dimension and shape due to change structure of internal stress. GCr15 steel <JIS G4805> (High carbon chromium bearing steel) satisfies the above comparatively well, and its chemical composition is shown in the following table.

Chemical Composition of High Carbon Chromium Bearing Steel

Class	JIS Symbol	Chemical Composition (%)					
		C	Si	Mn	P	S	Cr
2	SUJ 2	.95 - 1.10	.15 - .35	Under .50	Under .25	Under .25	1.30 - 1.60
		Equivalent to AISI 52100					
		.98 - 1.10	0.23	0.35	0.025	0.025	1.45

Material of the Cage and the Rivet

The material of the cage is JIS G3141 (Cold rolled carbon steel sheet and strip) and is press formed.

The material of the rivet is JIS G3507 (Low carbon steel wire rods) SWRCH 12A.



Material of Housings

The material of housings is HT200 JIS G5501 (Gray iron casting) and the mechanical properties are shown in the following table.

Mechanical Properties of Gray Cast Iron HT200

Symbol	Thickness	Dia. of Testing Bar	Tension test	Traverse Breacking Test		Pressure Strength	Hardness Streghth
			Tensile Strength	Bender Strength	Deflection		Hardness (HB)
HT200 (CF200)	6 - 8	13	over 32	53	1.8	75	187-255
	.236 - .315	.512	over 45 515	75 383	.071	106 675	
	8 - 15	20	over 25	45	2.5	75	170-241
	.315 - .591	.787	over 35 559	64 005	.098	106 675	
	15 - 30	30	over 20	40	2.5	75	170-241
	.591 - 1.181	1.181	over 28 446	56 893	.098	106 675	
	30 - 50	45	over 18	34	3	75	170-241
	1.181 - 1.969	1.772	over 25 602	48 359	.118	106 675	
	over 50	60	over 16	31	4.5	75	163-229
	over 1.969	2.362	over 22 757	44 092	.177	106 675	

Material of Other Components

Components	Material Used	JIS Symbols	JIS Number
Sleeve for adapter	Carbon steel for machine structural use	S25C	JIS G 1051
Nut for adapter	Carbon steel for machine structural use	S25C	JIS G 4051
Washer for adapter	Cold rolled carbon steel sheet and strip	SPCC	JIS G 3141
Oil seal	Synthetic nitrile rubber	-	-
Slinger	Cold rolled carbon steel sheet and strip	SPCC	JIS G 3141
Hexagon set screw	Nickel chromium molybdenum steel	SCM 435	JIS G 4105
Hexagon wrench key	Nickel chromium molybdenum steel	SNCM 630	JIS G 4103
Grease nipple	Free cutting brass bar	C3604	GIS H 3250

Tolerance of Bearings

Accuracies



The dimensional accuracies of GRB follow the tolerances prescribed in JIS B1558, equivalent to ISO 9628-1992.

Dimensional Accuracies of Bearings

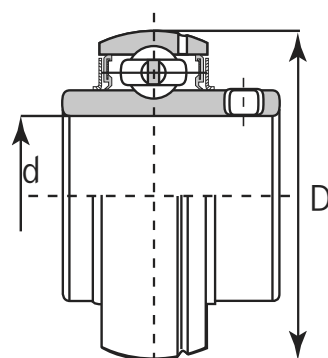
Accuracies of Outer Ring - Unit = μm

D (mm)		ΔDmp		Kea
over	incl.	max.	min.	max.
30	50	0	-11	20
50	80	0	-13	25
80	120	0	-15	35
120	150	0	-18	40
150	180	0	-25	45
180	250	0	-30	50

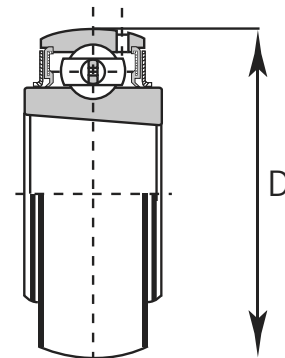
D = Outside diameter of bearing.

ΔDmp = Deviation of mean outside diameter.

Kea = Radial runout of outer ring.



UC Type



UK Type

Accuracies of Inner Ring - Unit = μm

d (mm)		Cylindrical Bore Bearing								Kia
		Bore Diameter						Δ Bs, Cs		
UC, HC, SA, SB, SER				SC						
Δ dmp		Vdp		Δ dmp		Vdp				
over	incl.	max.	min.	max.	max.	min.	max.	min.	min.	max.
10	18	+15	0	10	0	-8	6	0	-120	15
18	30	+18	0	12	0	-10	8	0	-120	18
30	50	+21	0	14	0	-12	9	0	-120	20
50	80	+24	0	16	0	-15	11	0	-150	25
80	120	+28	0	19	-	-	-	0	-200	30
120	180	+33	0	22	-	-	-	0	-250	35

d = Bore diameter.

ΔDmp = Deviation of mean bearing bore diameter in a single plane.

Vdp = Variation of bearing bore diameter in a single radial plane.

ΔBs = Deviation in a single inner ring width.

ΔCs = Deviation in a single outer ring width.

Kia = Radial run out of inner ring.

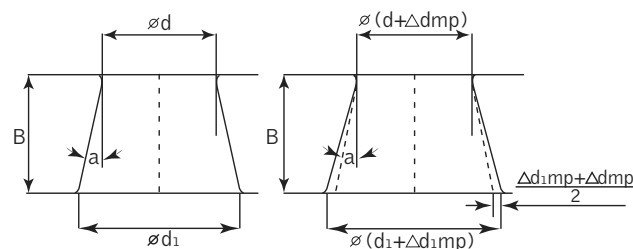


Tolerance of Bearings

Accuracies

Accuracies of Tapered Bore - Unit = μm

mm		Δdmp		$\Delta\text{d1mp} - \Delta\text{dmp}$		Vdp
over	incl.	max.	min.	max.	min.	max.
18	30	+33	0	+21	0	13
30	50	+39	0	+25	0	15
50	80	+46	0	+30	0	19
80	120	+54	0	+35	0	25
120	180	+63	0	+40	0	31



Applies in any single radial plane of the bore.

d = Bore diameter.

d1 = Basic diameter of theoretically large end of the tapered bore.

Δdmp = Dimensional difference of the average bore diameter within the flat surface at the theoretical small end of the tapered bore.

Δd1mp = Dimensional difference of the average bore diameter within the flat surface at the theoretical large end of the tapered bore.

Vdp = Inequality of the bore diameter within the flat surface.

B = Normal width of the inner ring.

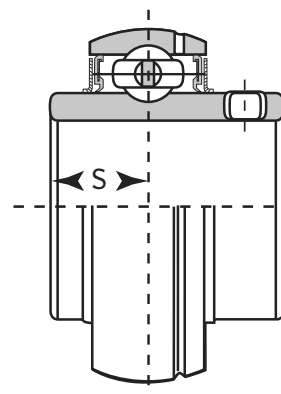
a = Half of the nominal tapered angle of the tapered bore.

a = $2^\circ 23' 9.4'' = 2.38594^\circ = 0.041643 \text{ rad.}$

Tolerances in Distance(s) from Center Line of Spherical Outer Ring to Side of Inner Ring

Accuracies of Tapered Bore - Unit = μm

Nominal Dimension of Bore Diameter d (mm)		Tolerance of n
over	incl.	max.
-	50	+/- 200
50	80	+/- 250
80	120	+/- 300
120	-	+/- 350





Basic Dynamic Load Rating

The basic dynamic load rating is the pure radial load applied to the bearing for a rated life of one million revolutions or 500 hours at 33.3 revolutions per minute. Expressed differently, the basic dynamic load rating is the constant stationary radial load, which a group of apparently identical bearings with stationary outer rings can endure for a rated life of one million revolutions of the inner ring.

Static Load Rating

Basic static load rating is a load acting on a nonrotating bearing and is considered to correspond to a calculated contact stress of:

- 4600 MPa / 667174 psi for self-aligning Ball Bearings,
- 4200 MPa / 609158 psi for all other Ball Bearings, and
- 4000 MPa / 580151 psi for all Roller Bearings

at the center of the most heavily stressed rolling element and raceway contact.

When a bearing is not in motion or is operating at a slow speed under large static loads or shock loads, the static load rating must be taken into account. Generally, a safety factor is used for rotating bearings.

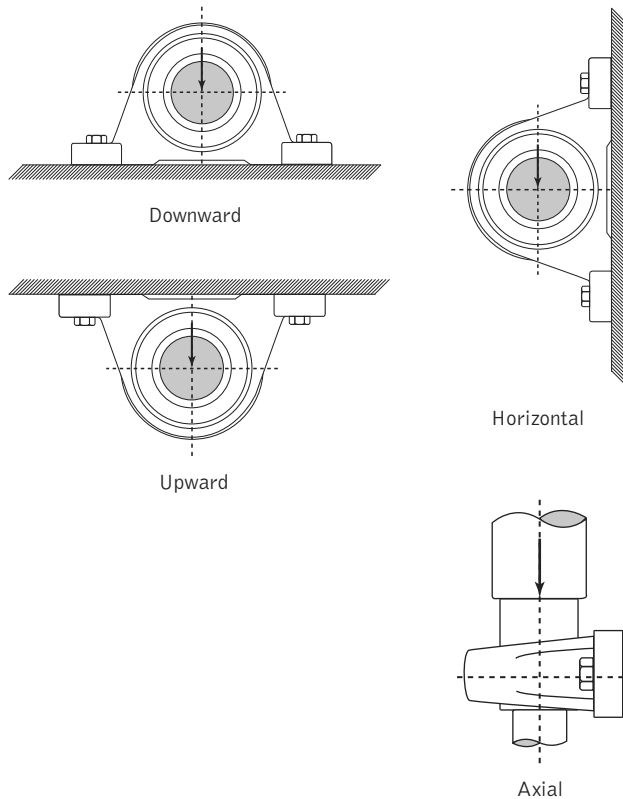
Operating Conditions	Load	Factor
Rotating bearings	Ordinary loads	1
	Stock loads	1.5
Non-rotating bearings that oscillate from time to time	Ordinary loads	0.5
	Stock loads	1



Allowable Load

Allowable Load of Cast Iron Housings

The allowable load capacities of housings differ substantially, depending on their shape and the load direction. Since ball bearing units are complicated in form, it is difficult to calculate their allowable loading capacities. In many cases, such values are entirely different from the actual ones. For this reason, the P type housing is taken here as the most popular example. The strength of the load from each direction is showned here as obtained from actual tests.



Part Number	Downward direction destruction strenght	Upward direction destruction strenght	Horizontal direction destruction strenght	Axial direction destruction strenght
	(lbf)	(lbf)	(lbf)	(lbf)
P 203	15 648	6 612	11 020	2 424
P 204	17 852	7 273	12 343	3 747
P 205	20 718	8 155	13 444	3 967
P 206	27 109	11 020	19 836	4 849
P 207	35 705	13 444	22 260	5 290
P 208	39 892	14 546	24 024	5 510
P 209	41 435	15 428	27 330	5 730
P 210	42 758	16 530	30 415	7 053
P 211	45 284	18 073	33 500	7 494
P 212	60 610	23 142	38 129	9 698
P 213	63 916	25 346	41 876	11 240
P 214	70 362	26 301	44 060	12 139
P 215	72 610	28 549	46 084	12 588
P 216	79 129	33 045	59 347	14 387
P 217	99 136	37 316	61 595	16 410
P 218	105 656	41 812	76 610	26 301

Allowable Load of Pressed Steel Housings

Pressed Steel Housings show deformation when subjected to a load. The deformation depends upon the direction and amount of the load, the shape of the housing, and thickness of the steel plate. Therefore, the allowable load must be such an amount that deformation of the housing may not disturb function. The allowable load on a Pressed Steel Housing in a radial direction shall be approximately 1/3 of the basic dynamic load rating of the bearing, and approximately 1/3 of the allowable radial load in the axial direction.

Lubrication

Usually, grease replenishment is not necessary, since GRB bearings contain high quality lithium-based grease. However, at high temperature, or where there is exposure to water or excessive dust, re-lubrication becomes necessary from time to time. Always use high quality lithium-based grease. It is advisable to replenish the grease while the machine is in operation. Keep inserting the grease until you start seeing just a little grease oozing out from between the outer ring and the slinger.

Conversion Chart

Millimeters to Inches



mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1	0.039	11	0.433	21	0.827	31	1.221	41	1.614	51	2.008	61	2.402	71	2.795	81	3.189	91	3.583
2	0.079	12	0.472	22	0.866	32	1.260	42	1.654	52	2.047	62	2.441	72	2.835	82	3.228	92	3.622
3	0.118	13	0.512	23	0.906	33	1.299	43	1.693	53	2.087	63	2.480	73	2.874	83	3.268	93	3.661
4	0.158	14	0.551	24	0.945	34	1.339	44	1.732	54	2.165	64	2.520	74	2.913	84	3.307	94	3.701
5	0.197	15	0.591	25	0.984	35	1.378	45	1.772	55	2.205	65	2.559	75	2.953	85	3.347	95	3.740
6	0.236	16	0.630	26	1.024	36	1.417	46	1.811	56	2.205	66	2.598	76	2.992	86	3.386	96	3.780
7	0.276	17	0.6696	27	1.063	37	1.457	47	1.850	57	2.244	67	2.638	77	3.032	87	3.425	97	3.819
8	0.315	18	0.709	28	1.102	38	1.496	48	1.890	58	2.284	68	2.677	78	3.071	88	3.465	98	3.858
9	0.354	19	0.748	29	1.142	39	1.535	49	1.929	59	2.323	69	2.717	79	3.110	89	3.504	99	3.898
10	0.394	20	0.787	30	1.181	40	1.575	50	1.969	60	2.362	70	2.756	80	3.150	90	3.543	100	3.937
mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
101	3.976	111	4.370	121	4.764	131	5.158	141	5.551	151	5.945	161	6.339	171	6.732	181	7.126	191	7.520
102	4.016	112	4.409	122	4.803	132	5.197	142	5.591	152	5.984	162	6.378	172	6.772	182	7.165	192	7.559
103	4.055	113	4.449	123	4.843	133	5.236	143	5.630	153	6.024	163	6.417	173	6.811	183	7.205	193	7.598
104	4.095	114	4.488	124	4.882	134	5.276	144	5.669	154	6.063	164	6.457	174	6.850	184	7.244	194	7.638
105	4.134	115	4.528	125	4.921	135	5.315	145	5.709	155	6.102	165	6.496	175	6.890	185	7.284	195	7.677
106	4.173	116	4.567	126	4.961	136	5.354	146	5.748	156	6.142	166	6.535	176	6.929	186	7.323	196	7.717
107	4.213	117	4.606	127	5.000	137	5.394	147	5.787	157	6.181	167	6.575	177	6.969	187	7.362	197	7.756
108	4.252	118	4.646	128	5.039	138	5.433	148	5.827	158	6.221	168	6.614	178	7.008	188	7.402	198	7.795
109	4.291	119	4.685	129	5.079	139	5.472	149	5.866	159	6.260	169	6.654	179	7.047	189	7.441	199	7.835
110	4.331	120	4.724	130	5.118	140	5.512	150	5.906	160	6.299	170	6.693	180	7.087	190	7.480	200	7.874
mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
201	7.913	211	8.307	221	8.701	231	9.905	241	9.488	251	9.882	261	10.276	271	10.669	281	11.063	291	11.457
202	7.953	212	8.346	222	8.740	232	9.134	242	9.528	252	9.921	262	10.315	272	10.709	282	11.102	292	11.496
203	7.992	213	8.386	223	8.780	233	9.173	243	9.567	253	9.961	263	10.354	273	10.748	283	11.142	293	11.535
204	8.032	214	8.425	224	8.819	234	9.213	244	9.606	254	10.000	264	10.394	274	10.787	284	11.181	294	11.574
205	8.071	215	8.465	225	8.858	235	9.252	245	9.646	255	10.039	265	10.443	275	10.827	285	11.221	295	11.614
206	8.110	216	8.504	226	8.898	236	9.291	246	9.685	256	10.079	266	10.472	276	10.866	286	11.260	296	11.654
207	8.150	217	8.543	227	8.937	237	9.331	247	9.724	257	10.118	267	10.512	277	10.906	287	11.299	297	11.693
208	8.189	218	8.583	228	8.976	238	9.370	248	9.764	258	10.158	268	10.551	278	10.945	288	11.339	298	11.732
209	8.228	219	8.622	229	9.016	239	9.409	249	9.803	259	10.197	269	10.591	279	10.984	289	11.378	299	11.772
210	8.268	220	8.661	230	9.055	240	9.449	250	9.843	260	10.236	270	10.630	280	11.024	290	11.417	300	11.811