

Catalogue No. STTH2010



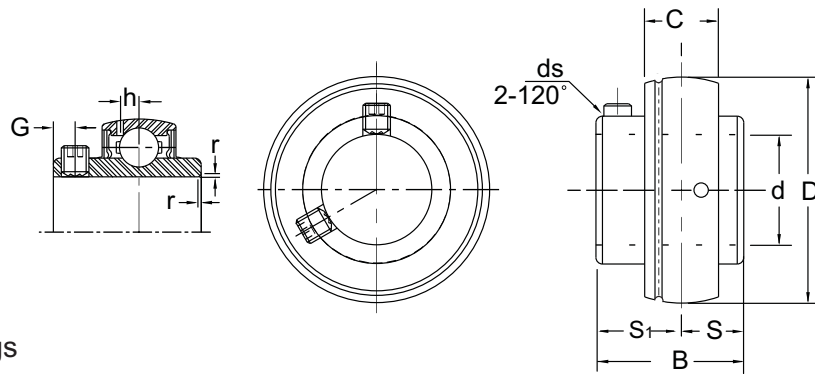
FOOD AND BEVERAGE PRODUCT GUIDE



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Bearing Features

- Solid base for All types
- Housing and Insert Entirely Stainless
- Food Grade Grease “FM222”
- Outer Ring Anti-Rotation Device
- Investment cast Housing
- Specifically designed for use in Washdown application, and good chemical resistance
- AISI 304 Stainless Steel Housing
- AISI 304 Grease Fitting
- AISI 440C Stainless Steel Bearing insert
- Internal Rubber Seal with AISI 302 Flinger
- AISI 420 Setscrew
- PBT glass reinforced thermoplastic material



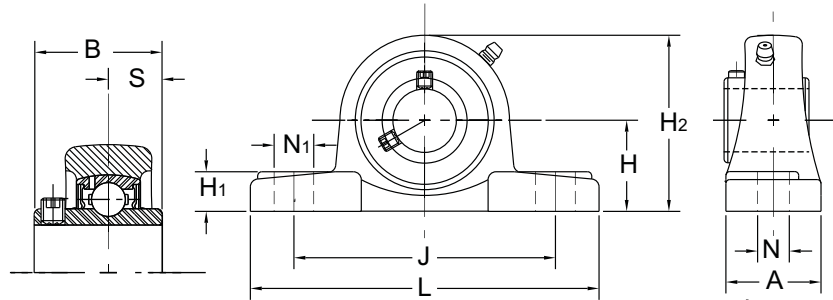
SUC

Stainless Steel insert bearings

Unit No.	Shaft dia d	Dimensions (inches)						Setscrew ds	Basic load Ratings (lbs.)			
		D	B	C	S	S ₁	h		G	Dynamic	Static	
SUC 201-8	1/2	1.8504	1.2205	0.6299	0.5000	0.7205	0.1575	0.1969	M6x 0.75	1650	990	
SUC 202-10	5/8	1.8504	1.2205	0.6299	0.5000	0.7205	0.1575	0.1969	M6x 0.75	1650	990	
SUC 204-12	3/4	1.8504	1.2205	0.6299	0.5000	0.7205	0.1575	0.1969	M6x 0.75	2210	1390	
SUC 205-16	1	2.0472	1.3425	0.6693	0.5630	0.7795	0.1654	0.1969	M6x 0.75	2430	1570	
SUC 206-19	1 3/16	2.4409	1.5000	0.7480	0.6260	0.8740	0.1890	0.1969	M8x 1.0	3350	2250	
SUC 206-20	1 1/4	2.4409	1.5000	0.7480	0.6260	0.8740	0.1890	0.1969	M8x 1.0	3350	2250	
SUC 207-20	1 1/4	2.8346	1.6890	0.7874	0.6890	1.0000	0.2126	0.2756	M8x 1.0	4430	3060	
SUC 207-22	1 3/8	2.8346	1.6890	0.7874	0.6890	1.0000	0.2126	0.2756	M8x 1.0	4430	3060	
SUC 207-23	1 7/16	2.8346	1.6890	0.7874	0.6890	1.0000	0.2126	0.2756	M8x 1.0	4430	3060	
SUC 208-24	1 1/2	3.1496	1.9370	0.8661	0.7480	1.1890	0.2323	0.3150	M8x 1.0	5640	3990	
SUC 209-28	1 3/4	3.3465	1.9370	0.8661	0.7480	1.1890	0.2402	0.3150	M8x 1.0	5640	3990	
SUC 210-31	1 15/16	3.5433	2.0315	0.9449	0.7480	1.2835	0.2559	0.3937	M10x 1.25	6060	4450	
SUC 210-32	2	3.5433	2.0315	0.9449	0.7480	1.2835	0.2559	0.3937	M10x 1.25	6060	4450	
SUC 211-35	2 3/16	3.9370	2.1890	0.9843	0.8740	1.3150	0.2795	0.3937	M10x 1.25	7480	5610	
SUC 212-39	2 7/16	4.3307	2.5630	1.0670	1.0000	1.5630	0.2992	0.3937	M10x 1.25	9020	6930	
				Dimensions (mm)								
SUC 204	20	47	31.0	17	12.7	18.3	4	5	M6x 0.75	2210	1390	
SUC 205	25	52	34.1	17	14.3	19.8	4.2	5	M6x 0.75	2430	1570	
SUC 206	30	62	38.1	19	15.9	22.2	4.8	5	M8x 1.0	3350	2250	
SUC 207	35	72	42.9	20	17.5	25.4	5.4	7	M8x 1.0	4430	3060	
SUC 208	40	80	49.2	22	19.0	30.2	5.9	8	M8x 1.0	5640	3990	
SUC 209	45	85	49.2	22	19.0	30.2	6.1	8	M10x 1.25	5640	3990	
SUC 210	50	90	51.6	24	19.0	32.6	6.5	10	M10x 1.25	6060	4450	
SUC 211	55	100	55.6	25	22.2	33.4	7.1	10	M10x 1.25	7480	5610	
SUC 212	60	110	65.1	27	25.4	39.7	7.6	10	M10x 1.25	9020	6930	

SUCSP

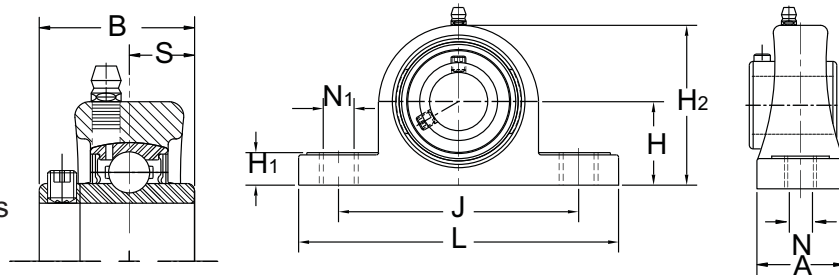
All Stainless Steel pillow block units



Unit No.	Shaft dia d	Dimensions (inches)										Bolt used
		H	L	J	A	N ₁	N	H ₁	H ₂	B	S	
SUCSP 201-8	1/2	1-5/16	4-31/32	3-3/4	1-1/2	3/4	1/2	19/32	2-9/16	1-7/32	1/2	3/8
SUCSP 202-10	5/8	1-5/16	4-31/32	3-3/4	1-1/2	3/4	1/2	19/32	2-9/16	1-7/32	1/2	3/8
SUCSP 204-12	3/4	1-5/16	4-31/32	3-3/4	1-1/2	3/4	1/2	19/32	2-9/16	1-7/32	1/2	3/8
SUCSP 205-16	1	1-7/16	5-1/2	4-1/8	1-1/2	3/4	1/2	5/8	2-3/4	1-11/32	9/16	3/8
SUCSP 206-19	1 3/16	1-11/16	6-1/2	4-3/4	1-7/8	13/16	21/32	23/32	3-1/4	1-1/2	5/8	1/2
SUCSP 206-20	1 1/4	1-11/16	6-1/2	4-3/4	1-7/8	13/16	21/32	23/32	3-1/4	1-1/2	5/8	1/2
SUCSP 207-20	1 1/4	1-7/8	6-9/16	5	1-7/8	13/16	21/32	3/4	3-23/32	1-11/16	11/16	1/2
SUCSP 207-22	1 3/8	1-7/8	6-9/16	5	1-7/8	13/16	21/32	3/4	3-23/32	1-11/16	11/16	1/2
SUCSP 207-23	1 7/16	1-7/8	6-9/16	5	1-7/8	13/16	21/32	3/4	3-23/32	1-11/16	11/16	1/2
SUCSP 208-24	1 1/2	1-15/16	7-1/4	5-3/8	2-1/8	29/32	21/32	3/4	3-15/16	1-15/16	3/4	1/2
SUCSP 209-28	1 3/4	2-1/8	7-1/2	5-3/4	2-1/8	29/32	21/32	25/32	4-9/32	1-15/16	3/4	1/2
SUCSP 210-31	1 15/16	2-1/4	8-1/8	6-1/4	2-3/8	1	25/32	7/8	4-1/2	2-1/32	3/4	5/8
SUCSP 210-32	2	2-1/4	8-1/8	6-1/4	2-3/8	1	25/32	7/8	4-1/2	2-1/32	3/4	5/8
SUCSP 211-35	2 3/16	2-1/2	8-5/8	6-23/32	2-3/8	1	25/32	7/8	4-15/16	2-3/16	7/8	5/8
SUCSP 212-39	2 7/16	2-3/4	9-1/2	7-1/4	2-3/4	1	25/32	1	5-7/16	2-9/16	7/8	5/8
Dimensions (mm)												
SUCSP 204	20	33.3	126	95	38	19	13	15	65	31.0	12.7	M10
SUCSP 205	25	36.5	140	105	38	19	13	16	70	34.1	14.3	M10
SUCSP 206	30	42.9	165	121	48	21	17	18	83	38.1	15.9	M14
SUCSP 207	35	47.6	167	127	48	21	17	19	94	42.9	17.5	M14
SUCSP 208	40	49.2	184	137	54	23	17	19	100	49.2	19.0	M14
SUCSP 209	45	54.0	190	146	54	23	17	20	109	49.2	19.0	M14
SUCSP 210	50	57.2	206	159	60	25	20	22	114	51.6	19.0	M16
SUCSP 211	55	63.5	219	171	60	25	20	22	125	55.6	22.2	M16
SUCSP 212	60	69.8	241	184	70	25	20	25	138	65.1	25.4	M16

SUCTP

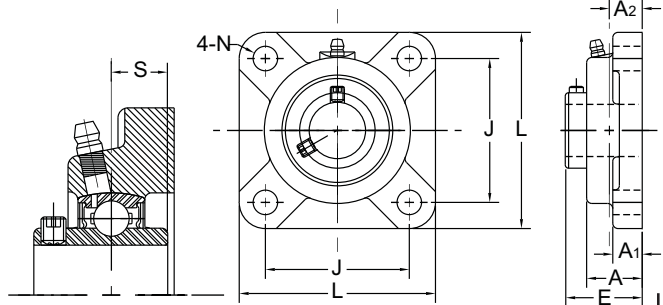
Thermoplastic pillow block units with Stainless Steel bearings



Unit No.	Shaft dia d	Dimensions (inches)										Bolt used
		H	L	J	A	N ₁	N	H ₁	H ₂	B	S	
SUCTP 201-8	1/2	1-5/16	5	3-3/4	1-1/2	9/16	7/16	9/16	2-9/16	1-7/32	1/2	3/8
SUCTP 202-10	5/8	1-5/16	5	3-3/4	1-1/2	9/16	7/16	9/16	2-9/16	1-7/32	1/2	3/8
SUCTP 204-12	3/4	1-5/16	5	3-3/4	1-1/2	9/16	7/16	9/16	2-9/16	1-7/32	1/2	3/8
SUCTP 205-16	1	1-7/16	5-1/2	4-1/8	1-1/2	9/16	7/16	9/16	2-13/16	1-11/32	9/16	3/8
SUCTP 206-19	1 3/16	1-11/16	6-13/32	4-11/16	1-13/16	13/16	9/16	23/32	3-1/4	1-1/2	5/8	1/2
SUCTP 206-20	1 1/4	1-11/16	6-13/32	4-11/16	1-13/16	13/16	9/16	23/32	3-1/4	1-1/2	5/8	1/2
SUCTP 207-20	1 1/4	1-7/8	6-5/8	5-1/32	1-7/8	13/16	9/16	23/32	3-23/32	1-11/16	11/16	1/2
SUCTP 207-22	1 3/8	1-7/8	6-5/8	5-1/32	1-7/8	13/16	9/16	23/32	3-23/32	1-11/16	11/16	1/2
SUCTP 207-23	1 7/16	1-7/8	6-5/8	5-1/32	1-7/8	13/16	9/16	23/32	3-23/32	1-11/16	11/16	1/2
SUCTP 208-24	1 1/2	1-15/16	7-1/4	5-3/8	2-1/8	29/32	9/16	25/32	3-15/16	1-15/16	3/4	1/2
SUCTP 209-28	1 3/4	2-1/8	7-1/2	5-3/4	2-1/8	29/32	21/32	25/32	4-9/32	1-15/16	3/4	1/2
SUCTP 210-31	1 15/16	2-1/4	8-1/8	6-1/4	2-3/8	1	25/32	7/8	4-1/2	2-1/32	3/4	5/8
SUCTP 210-32	2	2-1/4	8-1/8	6-1/4	2-3/8	1	25/32	7/8	4-1/2	2-1/32	3/4	5/8
SUCTP 211-35	2 3/16	2-1/2	8-5/8	6-23/32	2-3/8	1	25/32	7/8	4-15/16	2-3/16	7/8	5/8
SUCTP 212-39	2 7/16	2-3/4	9-1/2	7-1/4	2-3/4	1	25/32	1	5-7/16	2-3/16	7/8	5/8
Dimensions (mm)												
SUCTP 204	20	33.3	127	95	38	14	11	14.2	65	31.0	12.7	M10
SUCTP 205	25	36.5	140	105	38	14	11	14.2	71	34.1	14.3	M10
SUCTP 206	30	42.9	163	119	46	18	14	17.8	83	38.1	15.9	M14
SUCTP 207	35	47.6	168	128	48	18	14	18.0	94	42.9	17.5	M14
SUCTP 208	40	49.2	184	137	54	18	14	19.5	98	49.2	19.0	M14
SUCTP 209	45	54.0	190	146	54	20	17	20.0	106	49.2	19.0	M14
SUCTP 210	50	57.2	206	159	60	22	20	22.0	114	51.6	19.0	M16
SUCTP 211	55	63.5	219	171	60	22	20	22.0	125	55.6	22.2	M16
SUCTP 212	60	69.8	241	184	70	25	20	25.0	138	65.1	25.4	M16

SUCSF

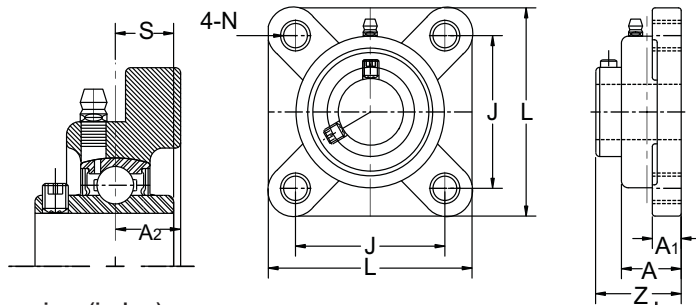
All Stainless Steel
four bolt flange units



Unit No.	Shaft dia d	L	J	Dimensions (inches)		A	N	E	S	Bolt Used
				A ₂	A ₁					
SUCSF 201-8	1/2	3-3/8	2-1/2	19/32	15/32	1	15/32	1-5/16	1/2	3/8
SUCSF 202-10	5/8	3-3/8	2-1/2	19/32	15/32	1	15/32	1-5/16	1/2	3/8
SUCSF 204-12	3/4	3-3/8	2-1/2	19/32	15/32	1	15/32	1-5/16	1/2	3/8
SUCSF 205-16	1	3-3/4	2-3/4	5/8	9/16	1-1/16	15/32	1-13/32	9/16	3/8
SUCSF 206-19	1 3/16	4-1/4	3-1/4	11/16	9/16	1-7/32	15/32	1-19/32	5/8	3/8
SUCSF 206-20	1 1/4	4-1/4	3-1/4	11/16	9/16	1-7/32	15/32	1-19/32	5/8	3/8
SUCSF 207-20	1 1/4	4-19/32	3-21/32	3/4	9/16	1-11/32	9/16	1-19/32	11/16	7/16
SUCSF 207-22	1 3/8	4-19/32	3-21/32	3/4	9/16	1-11/32	9/16	1-19/32	11/16	7/16
SUCSF 207-23	1 7/16	4-19/32	3-21/32	3/4	9/16	1-11/32	9/16	1-19/32	11/16	7/16
SUCSF 208-24	1 1/2	5-1/8	4	13/16	9/16	1-13/32	5/8	1-3/4	3/4	1/2
SUCSF 209-28	1 3/4	5-3/8	4-1/8	7/8	9/16	1-1/2	5/8	2	3/4	1/2
SUCSF 210-31	1 15/16	5-5/8	4-3/8	7/8	19/32	1-9/16	5/8	2-1/16	3/4	1/2
SUCSF 210-32	2	5-5/8	4-3/8	7/8	19/32	1-9/16	5/8	2-1/16	3/4	1/2
SUCSF 211-35	2 3/16	6-3/8	5-1/8	1	11/16	1-11/16	3/4	2-1/8	7/8	5/8
SUCSF 212-39	2 7/16	6-7/8	5-5/8	1-1/8	11/16	1-7/8	3/4	2-9/32	1	5/8
Dimensions (mm)										
SUCSF 204	20	86	64	15	12	25.5	12	33.3	12.7	M10
SUCSF 205	25	95	70	16	14	27	12	35.8	14.3	M10
SUCSF 206	30	108	83	18	14	31	12	40.2	15.9	M14
SUCSF 207	35	117	92	19	14.3	34	14	44.4	17.5	M14
SUCSF 208	40	130	102	21	14.3	36	16	51.2	19.0	M14
SUCSF 209	45	137	105	22	14.3	38	16	52.2	19.0	M14
SUCSF 210	50	143	111	22	15.1	40	16	54.6	19.0	M16
SUCSF 211	55	162	130	25	18	43	19	58.4	22.2	M16
SUCSF 212	60	175	143	29	18	48	19	68.7	25.4	M16

SUCTF

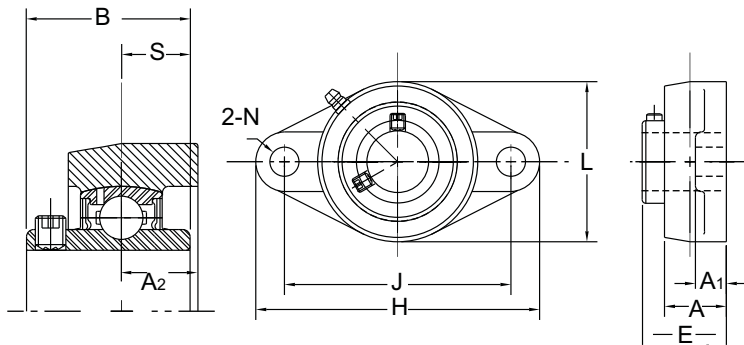
Thermoplastic four bolt flange units
with Stainless Steel bearings



Unit No.	Shaft dia d	L	J	Dimensions (inches)		A	N	E	S	Bolt Used
				A ₂	A ₁					
SUCTF 201-8	1/2	3-3/8	2-1/2	1/2	17/32	1-3/32	7/16	1-7/16	1/2	3/8
SUCTF 202-10	5/8	3-3/8	2-1/2	1/2	17/32	1-3/32	7/16	1-7/16	1/2	3/8
SUCTF 204-12	3/4	3-3/8	2-1/2	1/2	17/32	1-3/32	7/16	1-7/16	1/2	3/8
SUCTF 205-16	1	3-3/4	2-3/4	9/16	9/16	1-3/32	7/16	1-7/16	9/16	3/8
SUCTF 206-19	1 3/16	4-7/32	3-1/4	5/8	9/16	1-1/4	7/16	1-5/8	5/8	3/8
SUCTF 206-20	1 1/4	4-7/32	3-1/4	5/8	9/16	1-1/4	7/16	1-5/8	5/8	3/8
SUCTF 207-20	1 1/4	4-21/32	3-21/32	11/16	5/8	1-3/8	1/2	1-27/32	11/16	7/16
SUCTF 207-22	1 3/8	4-21/32	3-21/32	11/16	5/8	1-3/8	1/2	1-27/32	11/16	7/16
SUCTF 207-23	1 7/16	4-21/32	3-21/32	11/16	5/8	1-3/8	1/2	1-27/32	11/16	7/16
SUCTF 208-24	1 1/2	5-1/8	4	3/4	21/32	1-15/32	9/16	2-3/32	3/4	1/2
SUCTF 209-28	1 3/4	5-3/8	4-1/8	7/8	21/32	1-1/2	5/8	2-3/32	3/4	1/2
SUCTF 210-31	1 15/16	5-5/8	4-3/8	7/8	21/32	1-9/16	5/8	2-1/8	3/4	1/2
SUCTF 210-32	2	5-5/8	4-3/8	7/8	21/32	1-9/16	5/8	2-1/8	3/4	1/2
SUCTF 211-35	2 3/16	6-3/8	5-1/8	1	3/4	1-11/16	3/4	2-9/32	7/8	5/8
SUCTF 212-39	2 7/16	6-7/8	5-5/8	1-1/8	3/4	1-7/8	3/4	2-11/16	1	5/8
Dimensions (mm)										
SUCTF 204	20	86	63.5	12.7	13.4	27.8	11	36.3	12.7	M10
SUCTF 205	25	95	70	14.3	14.0	28.0	11	36.7	14.3	M10
SUCTF 206	30	107	83	15.9	14.3	31.5	11	41.4	15.9	M14
SUCTF 207	35	118	92	17.9	15.5	34.8	13	46.9	17.5	M14
SUCTF 208	40	130	102	19.0	17.0	37.5	14	53.2	19.0	M14
SUCTF 209	45	137	105	22.0	16.0	38.0	16	52.2	19.0	M14
SUCTF 210	50	143	111	22.0	16.0	40.0	16	54.6	19.0	M16
SUCTF 211	55	162	130	25.0	18.0	43.0	19	58.4	22.2	M16
SUCTF 212	60	175	143	29.0	18.0	48.0	19	68.7	25.4	M16

SUCSFL

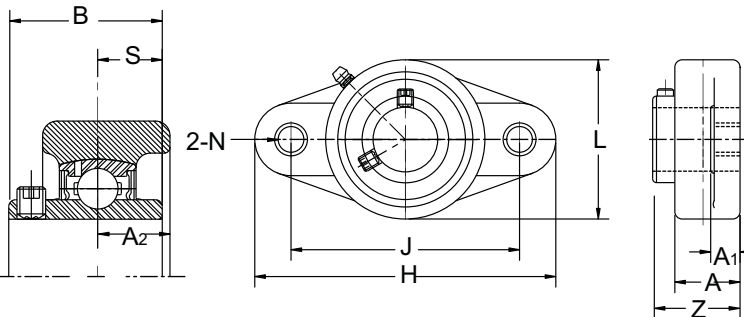
All Stainless Steel
two bolt flange units



Unit No.	Shaft dia d	Dimensions (inches)										Bolt used
		H	J	A2	A1	A	N	L	E	S		
SUCSFL 201-8	1/2	4-7/16	3-17/32	19/32	15/32	1	15/32	2-3/8	1-5/16	1/2	3/8	
SUCSFL 202-10	5/8	4-7/16	3-17/32	19/32	15/32	1	15/32	2-3/8	1-5/16	1/2	3/8	
SUCSFL 204-12	3/4	4-7/16	3-17/32	19/32	15/32	1	15/32	2-3/8	1-5/16	1/2	3/8	
SUCSFL 205-16	1	5-1/8	3-7/8	5/8	9/16	1-1/16	5/8	2-21/32	1-13/32	9/16	1/2	
SUCSFL 206-19	1 3/16	5-13/16	4-19/32	11/16	9/16	1-7/32	5/8	3-5/32	1-19/32	5/8	1/2	
SUCSFL 206-20	1 1/4	5-13/16	4-19/32	11/16	9/16	1-7/32	5/8	3-5/32	1-19/32	5/8	1/2	
SUCSFL 207-20	1 1/4	6-5/16	5-1/8	3/4	5/8	1-11/32	5/8	3-17/32	1-3/4	11/16	1/2	
SUCSFL 207-22	1 3/8	6-5/16	5-1/8	3/4	5/8	1-11/32	5/8	3-17/32	1-3/4	11/16	1/2	
SUCSFL 207-23	1 7/16	6-5/16	5-1/8	3/4	5/8	1-11/32	5/8	3-17/32	1-3/4	11/16	1/2	
SUCSFL 208-24	1 1/2	6-7/8	5-21/32	13/16	5/8	1-13/32	5/8	3-15/16	2	3/4	1/2	
SUCSFL 209-28	1 3/4	7-13/32	5-13/16	7/8	11/16	1-1/2	3/4	4-1/4	2-1/16	3/4	5/8	
SUCSFL 210-31	1 15/16	7-3/4	6-3/16	7/8	11/16	1-9/16	3/4	4-1/2	2-1/8	3/4	5/8	
SUCSFL 210-32	2	7-3/4	6-3/16	7/8	11/16	1-9/16	3/4	4-1/2	2-1/8	3/4	5/8	
Dimensions (mm)												
SUCSFL 204	20	113	90	15	12	25.5	12	60	33.3	12.7	M10	
SUCSFL 205	25	130	99	16	14	27	16	68	35.8	14.3	M10	
SUCSFL 206	30	148	117	18	14	31	16	80	40.2	15.9	M14	
SUCSFL 207	35	161	130	19	16	34	16	90	44.4	17.5	M14	
SUCSFL 208	40	175	144	21	16	36	16	100	51.2	19.0	M14	
SUCSFL 209	45	188	148	22	18	38	19	108	52.2	19.0	M14	
SUCSFL 210	50	197	157	22	18	40	19	115	54.6	19.0	M16	

SUCTFL

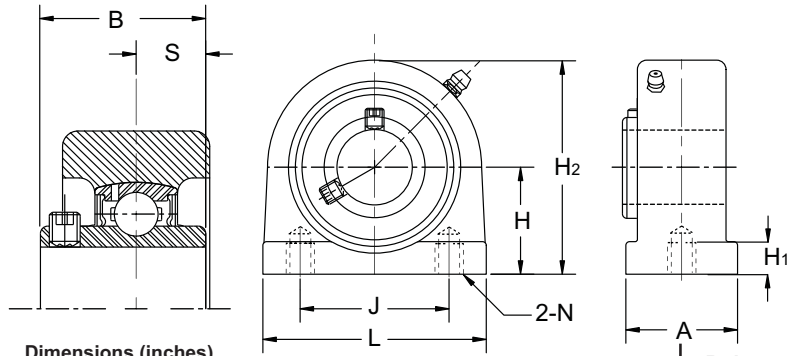
Thermoplastic two bolt flange units
with Stainless Steel bearings



Unit No.	Shaft dia d	Dimensions (inches)										Bolt used
		H	J	A2	A1	A	N	L	E	S		
SUCTFL 201-8	1/2	4-7/16	3-17/32	19/32	7/16	1-1/32	7/16	2-1/2	1-5/16	1/2	3/8	
SUCTFL 202-10	5/8	4-7/16	3-17/32	19/32	7/16	1-1/32	7/16	2-1/2	1-5/16	1/2	3/8	
SUCTFL 204-12	3/4	4-7/16	3-17/32	19/32	7/16	1-1/32	7/16	2-1/2	1-5/16	1/2	3/8	
SUCTFL 205-16	1	5-1/8	3-7/8	21/32	17/32	1-1/8	7/16	2-23/32	1-7/16	9/16	3/8	
SUCTFL 206-19	1 3/16	5-13/16	4-19/32	3/4	1/2	1-3/16	7/16	3-5/32	1-19/32	5/8	3/8	
SUCTFL 206-20	1 1/4	5-13/16	4-19/32	3/4	1/2	1-3/16	7/16	3-5/32	1-19/32	5/8	3/8	
SUCTFL 207-20	1 1/4	6-15/32	5-1/8	11/16	5/8	1-9/32	1/2	3-17/32	1-3/4	11/16	1/2	
SUCTFL 207-22	1 3/8	6-15/32	5-1/8	11/16	5/8	1-9/32	1/2	3-17/32	1-3/4	11/16	1/2	
SUCTFL 207-23	1 7/16	6-15/32	5-1/8	11/16	5/8	1-9/32	1/2	3-17/32	1-3/4	11/16	1/2	
SUCTFL 208-24	1 1/2	6-29/32	5-21/32	27/32	25/32	1-15/32	9/16	3-15/16	2	3/4	1/2	
SUCTFL 209-28	1 3/4	7-13/32	5-13/16	7/8	25/32	1-1/2	3/4	4-1/4	2-1/16	3/4	5/8	
SUCTFL 210-31	1 15/16	7-3/4	6-3/16	7/8	25/32	1-9/16	3/4	4-1/2	2-1/8	3/4	5/8	
SUCTFL 210-32	2	7-3/4	6-3/16	7/8	25/32	1-9/16	3/4	4-1/2	2-1/8	3/4	5/8	
Dimensions (mm)												
SUCTFL 204	20	113	90	15.4	11.4	26.5	11	64	33.7	12.7	M10	
SUCTFL 205	25	130	99	17.0	13.5	29.1	11	69	36.7	14.3	M10	
SUCTFL 206	30	148	117	19.0	13.3	30.5	11	80	40.2	15.9	M14	
SUCTFL 207	35	164	130	18.0	16.1	32.8	13	90	44.4	17.5	M14	
SUCTFL 208	40	176	144	21.5	20.0	37.8	14	100	51.2	19.0	M14	
SUCTFL 209	45	188	148	22.0	20.0	38.0	19	108	52.2	19.0	M14	
SUCTFL 210	50	197	157	22.0	20.0	40.0	19	115	54.6	19.0	M16	

SUCSPA

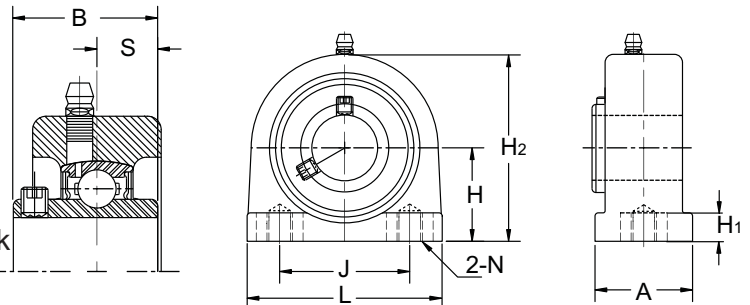
All Stainless Steel tapped base pillow block units



Unit No.	Shaft dia d	Dimensions (inches)									Bolt used
		H	L	J	A	H ₂	H ₁	B	S		
SUCSPA 201-8	1/2	1-5/16	2-7/8	2	1-11/32	2-19/32	1/2	1-7/32	1/2	5/16-18	
SUCSPA 202-10	5/8	1-5/16	2-7/8	2	1-11/32	2-19/32	1/2	1-7/32	1/2	5/16-18	
SUCSPA 204-12	3/4	1-5/16	2-7/8	2	1-11/32	2-19/32	1/2	1-7/32	1/2	5/16-18	
SUCSPA 205-16	1	1-7/16	3	2	1-9/16	2-29/32	21/32	1-11/32	9/16	3/8-16	
SUCSPA 206-19	1 3/16	1-11/16	4	3	1-21/32	3-5/16	21/32	1-1/2	5/8	7/16-14	
SUCSPA 206-20	1 1/4	1-11/16	4	3	1-21/32	3-5/16	21/32	1-1/2	5/8	7/16-14	
SUCSPA 207-20	1 1/4	1-7/8	4-5/16	3-1/4	1-7/8	3-3/4	21/32	1-11/16	11/16	1/2-13	
SUCSPA 207-22	1 3/8	1-7/8	4-5/16	3-1/4	1-7/8	3-3/4	21/32	1-11/16	11/16	1/2-13	
SUCSPA 207-23	1 7/16	1-7/8	4-5/16	3-1/4	1-7/8	3-3/4	21/32	1-11/16	11/16	1/2-13	
SUCSPA 208-24	1 1/2	1-15/16	4-23/32	3-1/2	1-7/8	4	21/32	1-15/16	3/4	1/2-13	
SUCSPA 209-28	1 3/4	2-1/8	5	3-3/4	2-1/8	4-1/4	21/32	1-15/16	3/4	1/2-13	
SUCSPA 210-31	1 15/16	2-1/4	5-1/2	4	2-3/8	4-19/32	25/32	2-1/32	3/4	5/8-11	
SUCSPA 210-32	2	2-1/4	5-1/2	4	2-3/8	4-19/32	25/32	2-1/32	3/4	5/8-11	
		Dimensions (mm)									
SUCSPA 204	20	33.3	72.8	50.8	34.5	66	13	31.0	12.7	M8	
SUCSPA 205	25	36.5	76.2	50.8	39.5	74	13	34.1	14.3	M10	
SUCSPA 206	30	42.9	101.0	76.2	42.5	84	17	38.1	15.9	M12	
SUCSPA 207	35	47.6	110.0	82.6	47.5	95	17	42.9	17.5	M12	
SUCSPA 208	40	49.2	120.0	88.9	48.0	101	17	49.2	19.0	M12	
SUCSPA 209	45	54.0	127.0	95.3	54.0	108	17	49.2	19.0	M12	
SUCSPA 210	50	57.2	140.0	101.6	60.0	117	20	51.6	19.0	M12	

SUCTPA

Thermoplastic tapped base pillow block units with Stainless Steel bearings

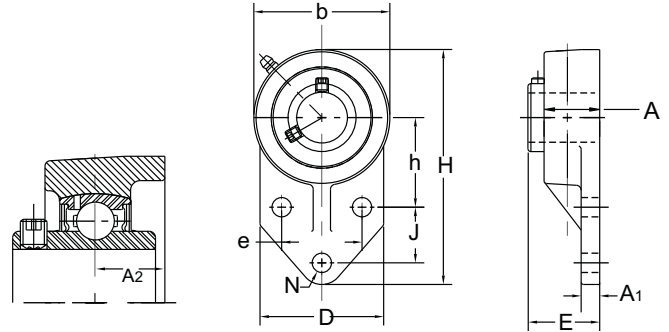


Unit No.	Shaft dia d	Dimensions (inches)									Bolt used
		H	L	J	A	H ₂	H ₁	B	S		
SUCTPA 201-8	1/2	1-5/16	2-7/8	2	1-11/32	2-19/32	1/2	1-7/32	1/2	5/16-18	
SUCTPA 202-10	5/8	1-5/16	2-7/8	2	1-11/32	2-19/32	1/2	1-7/32	1/2	5/16-18	
SUCTPA 204-12	3/4	1-5/16	2-7/8	2	1-11/32	2-19/32	1/2	1-7/32	1/2	5/16-18	
SUCTPA 205-16	1	1-7/16	3	2	1-9/16	2-29/32	21/32	1-11/32	9/16	3/8-16	
SUCTPA 206-19	1 3/16	1-11/16	4	3	1-21/32	3-5/16	21/32	1-1/2	5/8	7/16-14	
SUCTPA 206-20	1 1/4	1-11/16	4	3	1-21/32	3-5/16	21/32	1-1/2	5/8	7/16-14	
SUCTPA 207-20	1 1/4	1-7/8	4-5/16	3-1/4	1-7/8	3-3/4	21/32	1-11/16	11/16	1/2-13	
SUCTPA 207-22	1 3/8	1-7/8	4-5/16	3-1/4	1-7/8	3-3/4	21/32	1-11/16	11/16	1/2-13	
SUCTPA 207-23	1 7/16	1-7/8	4-5/16	3-1/4	1-7/8	3-3/4	21/32	1-11/16	11/16	1/2-13	
SUCTPA 208-24	1 1/2	1-15/16	4-23/32	3-1/2	1-7/8	4	21/32	1-15/16	3/4	1/2-13	
SUCTPA 209-28	1 3/4	2-1/8	5	3-3/4	2-1/8	4-1/4	21/32	1-15/16	3/4	1/2-13	
SUCTPA 210-31	1 15/16	2-1/4	5-1/2	4	2-3/8	4-19/32	25/32	2-1/32	3/4	5/8-11	
SUCTPA 210-32	2	2-1/4	5-1/2	4	2-3/8	4-19/32	25/32	2-1/32	3/4	5/8-11	
		Dimensions (mm)									
SUCTPA 204	20	33.3	72.8	50.8	34.5	66	13	31.0	12.7	M8	
SUCTPA 205	25	36.5	76.2	50.8	39.5	74	13	34.1	14.3	M10	
SUCTPA 206	30	42.9	101.0	76.2	42.5	84	17	38.1	15.9	M12	
SUCTPA 207	35	47.6	110.0	82.6	47.5	95	17	42.9	17.5	M12	
SUCTPA 208	40	49.2	120.0	88.9	48.0	101	17	49.2	19.0	M12	
SUCTPA 209	45	54.0	127.0	95.3	54.0	108	17	49.2	19.0	M12	
SUCTPA 210	50	57.2	140.0	101.6	60.0	117	20	51.6	19.0	M12	

Alternative dimensions are available, for critical engineering or construction requirements please confirm these dimensions with your local Ringball branch. Specifications subject to change without notice.

SUCSFB

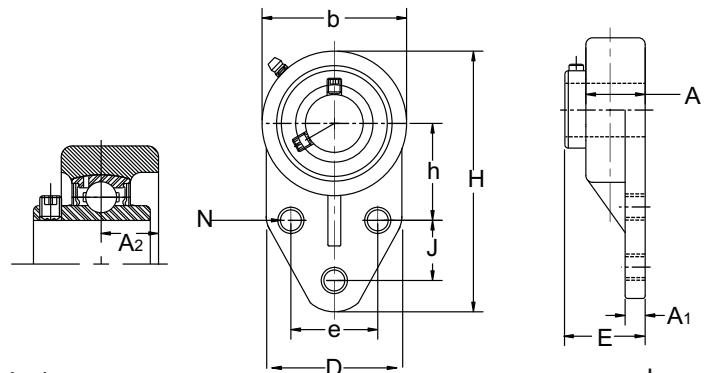
All Stainless Steel 3-Bolt flange units



Unit No.	Shaft dia d	Dimensions (inches)											Bolt used
		h	H	e	J	A ₂	A ₁	A	E	N	D	b	
SUCSFB 201-8	1/2	1-11/16	4-1/4	1-1/2	7/8	5/8	5/16	1	1-11/32	13/32	2-3/8	2-1/2	5/16
SUCSFB 202-10	5/8	1-11/16	4-1/4	1-1/2	7/8	5/8	5/16	1	1-11/32	13/32	2-3/8	2-1/2	5/16
SUCSFB 204-12	3/4	1-11/16	4-1/4	1-1/2	7/8	5/8	5/16	1	1-11/32	13/32	2-3/8	2-1/2	5/16
SUCSFB 205-16	1	1-13/16	4-25/32	1-5/8	1-1/8	11/16	3/8	1-1/16	1-7/16	13/32	2-17/32	2-25/32	5/16
SUCSFB 206-19	1 3/16	2-1/16	5-13/32	1-7/8	1-1/4	3/4	3/8	1-1/4	1-39/64	13/32	2-25/32	3-9/32	5/16
SUCSFB 206-20	1 1/4	2-1/16	5-13/32	1-7/8	1-1/4	3/4	3/8	1-1/4	1-39/64	13/32	2-25/32	3-9/32	5/16
SUCSFB 207-20	1 1/4	2-3/8	6-5/32	2	1-1/4	27/32	9/16	1-15/32	1-53/64	1/2	3-1/4	3-3/4	7/16
SUCSFB 207-22	1 3/8	2-3/8	6-5/32	2	1-1/4	27/32	9/16	1-15/32	1-53/64	1/2	3-1/4	3-3/4	7/16
SUCSFB 207-23	1 7/16	2-3/8	6-5/32	2	1-1/4	27/32	9/16	1-15/32	1-53/64	1/2	3-1/4	3-3/4	7/16
SUCSFB 208-24	1 1/2	2-11/32	6-15/32	1-31/32	1-5/8	27/32	5/8	1-11/32	2	7/16	3-1/16	3-15/16	3/8
SUCSFB 209-28	1 3/4	2-9/16	6-27/32	2-1/8	1-11/16	27/32	23/32	1-11/32	2	7/16	3-5/32	4-3/16	3/8
SUCSFB 210-31	1 15/16	2-15/16	7-17/32	2-3/4	1-5/8	27/32	23/32	1-1/2	2-7/64	1/2	4-1/32	4-21/32	3/8
SUCSFB 210-32	2	2-15/16	7-17/32	2-3/4	1-5/8	27/32	23/32	1-1/2	2-7/64	1/2	4-1/32	4-21/32	3/8
		Dimensions (mm)											
SUCSFB 204	20	42.9	108	38.1	22.2	16	8.0	25.4	34.3	10	60	63	M8
SUCSFB 205	25	46.0	121	41.3	28.6	17	9.5	29.0	36.4	10	64	70	M8
SUCSFB 206	30	52.4	137	47.6	31.8	19	9.5	32.0	40.8	10	70	83	M8
SUCSFB 207	35	60.3	156	50.8	31.8	21	13.5	37.0	46.4	13	82.5	95	M8
SUCSFB 208	40	60.0	164	50.0	41.0	21	16.0	34.0	51.2	11	78	100	M10
SUCSFB 209	45	65.0	174	54.0	42.9	21	18.0	34.0	51.2	11	80	106	M10
SUCSFB 210	50	74.6	191	69.9	41.3	21	18.0	38.0	53.6	13	102	118	M10

SUCTFB

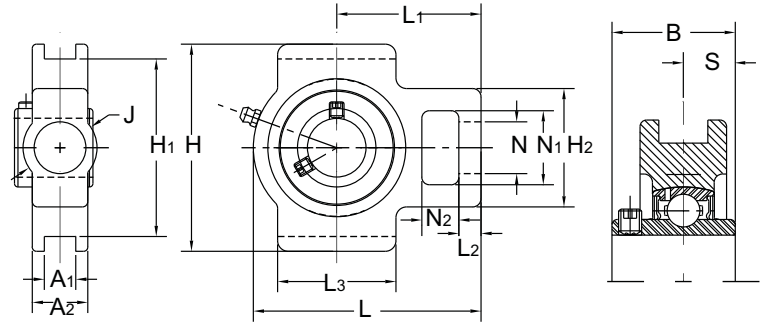
Thermoplastic 3-Bolt flange units with Stainless Steel bearings



Unit No.	Shaft dia d	Dimensions (inches)											Bolt used
		h	H	e	J	A ₂	A ₁	A	E	N	D	b	
SUCTFB 201-8	1/2	1-11/16	4-1/4	1-1/2	7/8	5/8	5/16	1	1-21/64	13/32	2-3/8	2-1/2	5/16
SUCTFB 202-10	5/8	1-11/16	4-1/4	1-1/2	7/8	5/8	5/16	1	1-21/64	13/32	2-3/8	2-1/2	5/16
SUCTFB 204-12	3/4	1-11/16	4-1/4	1-1/2	7/8	5/8	5/16	1	1-21/64	13/32	2-3/8	2-1/2	5/16
SUCTFB 205-16	1	1-13/16	4-25/32	1-5/8	1-1/8	11/16	3/8	1-1/16	1-5/8	13/32	2-17/32	2-25/32	5/16
SUCTFB 206-19	1 3/16	2-1/16	5-13/32	1-7/8	1-1/4	3/4	3/8	1-1/4	1-5/8	13/32	2-25/32	3-9/32	5/16
SUCTFB 206-20	1 1/4	2-1/16	5-13/32	1-7/8	1-1/4	3/4	3/8	1-1/4	1-5/8	13/32	2-25/32	3-9/32	5/16
SUCTFB 207-20	1 1/4	2-3/8	6-5/32	2	1-1/4	27/32	9/16	1-15/32	1-55/64	1/2	3-1/4	3-3/4	7/16
SUCTFB 207-22	1 3/8	2-3/8	6-5/32	2	1-1/4	27/32	9/16	1-15/32	1-55/64	1/2	3-1/4	3-3/4	7/16
SUCTFB 207-23	1 7/16	2-3/8	6-5/32	2	1-1/4	27/32	9/16	1-15/32	1-55/64	1/2	3-1/4	3-3/4	7/16
SUCTFB 208-24	1 1/2	2-11/32	6-15/32	1-31/32	1-5/8	27/32	5/8	1-11/32	2	7/16	3-1/16	3-15/16	3/8
		Dimensions (mm)											
SUCTFB 204	20	42.9	108	38.1	22.2	16	8.0	25.4	33.7	10	60	63	M8
SUCTFB 205	25	46.0	121	41.3	28.6	17	9.5	29.0	41.2	10	64	70	M8
SUCTFB 206	30	52.4	137	47.6	31.8	19	9.5	32.0	41.5	10	70	83	M8
SUCTFB 207	35	60.3	156	50.8	31.8	21	13.5	37.0	47.1	13	82.5	95	M8
SUCTFB 208	40	60.0	164	50.0	41.0	21	16.0	34.0	51.2	11	78	100	M10

SUCST

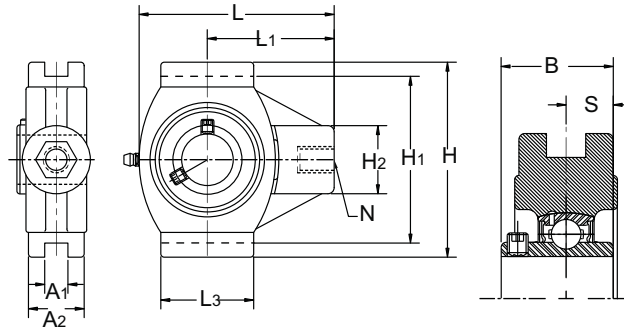
All Stainless Steel take-up units (narrow slot)



Unit No.	Shaft dia d	Dimensions (inches)														
		L	A ₂	S	H	H ₁	L ₃	L ₂	L ₁	N	B	N ₂	N ₁	H ₂	J	A ₁
SUCST 204-12	3/4	3-11/16	13/16	1/2	3-1/2	3	2	3/8	2-13/32	13/32	1-7/32	5/8	1-1/4	2	1-1/4	15/32
SUCST 205-16	1	3-13/16	15/16	9/16	3-1/2	3	2	3/8	2-7/16	13/32	1-11/32	5/8	1-1/4	2	1-1/4	15/32
SUCST 206-19	1 3/16	4-7/16	1-3/32	5/8	4-1/64	3-1/2	2-1/4	3/8	2-3/4	13/32	1-1/2	5/8	1-29/64	2-3/16	1-29/64	15/32
SUCST 206-20	1 1/4	4-7/16	1-3/32	5/8	4-1/64	3-1/2	2-1/4	3/8	2-3/4	13/32	1-1/2	5/8	1-29/64	2-3/16	1-29/64	15/32
SUCST 207-20	1 1/4	5-5/64	1-3/16	11/16	4-1/64	3-1/2	2-1/2	1/2	3	1/2	1-11/16	5/8	1-29/64	2-1/2	1-29/64	15/32
SUCST 207-22	1 3/8	5-5/64	1-3/16	11/16	4-1/64	3-1/2	2-1/2	1/2	3	1/2	1-11/16	5/8	1-29/64	2-1/2	1-29/64	15/32
SUCST 207-23	1 7/16	5-5/64	1-3/16	11/16	4-1/64	3-1/2	2-1/2	1/2	3	1/2	1-11/16	5/8	1-29/64	2-1/2	1-29/64	15/32
SUCST 208-24	1 1/2	5-45/64	1-19/64	3/4	4-1/2	4	3-1/4	5/8	3-15/32	7/16	1-15/16	3/4	1-15/16	3-1/4	1-15/16	5/8
Dimensions (mm)																
SUCST 204	20	94	21	12.7	89	76	51	10	61	19	31.0	16	32	51	32	12
SUCST 205	25	97	24	14.3	89	76	51	10	62	19	34.1	16	32	51	32	12
SUCST 206	30	113	28	15.9	102	89	57	10	70	22	38.1	16	37	56	37	12
SUCST 207	35	129	30	17.5	102	89	64	13	78	22	42.9	16	37	64	37	12
SUCST 208	40	144	33	19.0	114	102	83	16	88	29	49.2	19	49	83	49	16

SUCTT

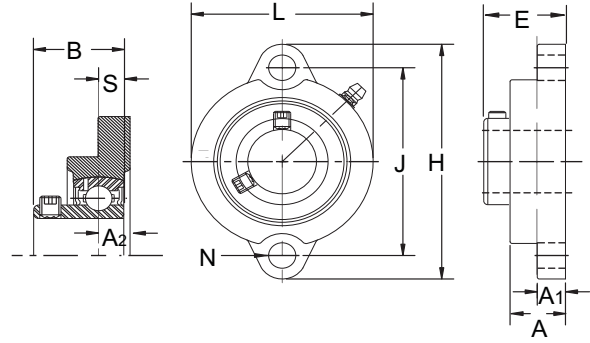
Thermoplastic take-up units with Stainless Steel bearings (narrow-slot)



Unit No.	Shaft dia d	Dimensions (inches)										
		L	A ₂	S	A ₁	H	H ₁	L ₃	N	L ₁	H ₂	B
SUCTT 201-8	1/2	3-57/64	1-5/64	1/2	15/32	3-15/32	3	1-27/32	1/2-13	2.520	1-27/64	1-7/32
SUCTT 202-10	5/8	3-57/64	1-5/64	1/2	15/32	3-15/32	3	1-27/32	1/2-13	2.520	1-27/64	1-7/32
SUCTT 204-12	3/4	3-57/64	1-5/64	1/2	15/32	3-15/32	3	1-27/32	1/2-13	2.520	1-27/64	1-7/32
SUCTT 205-16	1	3-57/64	1-5/64	9/16	15/32	3-15/32	3	1-27/32	1/2-13	2.520	1-27/64	1-11/32
SUCTT 206-19	1 3/16	4-59/64	1-23/64	5/8	15/32	4-1/64	3-1/2	2-31/64	5/8-11	2.992	1-37/64	1-1/2
SUCTT 206-20	1 1/4	4-59/64	1-23/64	5/8	15/32	4-1/64	3-1/2	2-31/64	5/8-11	2.992	1-37/64	1-1/2
SUCTT 207-20	1 1/4	4-59/64	1-23/64	11/16	15/32	4-1/64	3-1/2	2-31/64	5/8-11	2.992	1-37/64	1-11/16
SUCTT 207-22	1 3/8	4-59/64	1-23/64	11/16	15/32	4-1/64	3-1/2	2-31/64	5/8-11	2.992	1-37/64	1-11/16
SUCTT 207-23	1 7/16	4-59/64	1-23/64	11/16	15/32	4-1/64	3-1/2	2-31/64	5/8-11	2.992	1-37/64	1-11/16
Dimensions (mm)												
SUCTT 201	12	99	27.5	12.7	12	88	76	47	1/2-13	64	36	31
SUCTT 202	15	99	27.5	12.7	12	88	76	47	1/2-13	64	36	31
SUCTT 203	17	99	27.5	12.7	12	88	76	47	1/2-13	64	36	31
SUCTT 204	20	99	27.5	12.7	12	88	76	47	1/2-13	64	36	31
SUCTT 205	25	99	27.5	14.3	12	88	76	47	1/2-13	64	36	34.1
SUCTT 206	30	125	34.5	15.9	12	102	89	63	5/8-11	76	40	38.1
SUCTT 207	35	125	34.5	17.5	12	102	89	63	5/8-11	76	40	42.9

SSBTLF

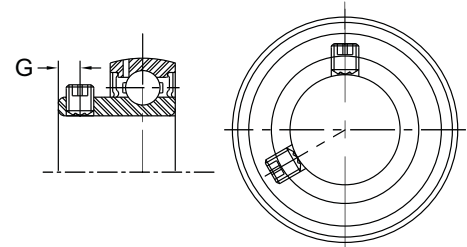
Thermoplastic flange unit (lightweight)
with Stainless Steel bearings (narrow-width)



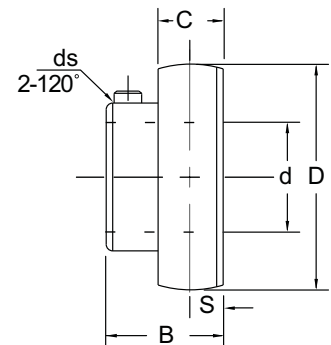
Unit No.	Shaft dia d	Dimensions (inches)							L	E	B	S	Bolt used
		H	J	A2	A1	A	N						
SUCTFL 201-8	1/2	3.189	2.520	0.370	0.394	0.709	0.276	2.205	1.000	0.866	0.236	1/4	
SUCTFL 202-10	5/8	3.189	2.520	0.370	0.394	0.709	0.276	2.205	1.000	0.866	0.236	1/4	
SUCTFL 204-12	3/4	3.543	2.795	0.445	0.433	0.787	0.394	2.480	1.142	0.972	0.276	5/16	
SUCTFL 205-16	1	3.740	2.992	0.453	0.433	0.827	0.394	2.717	1.220	1.063	0.276	5/16	
Dimensions (mm)													
SUCTFL 204	20	90	71	11.3	11	20	10	63	29	29	7.0	M8	
SUCTFL 205	25	95	76	11.5	11	21	10	69	31	31	7.5	M8	

SSB

Stainless Steel insert bearings
Narrow Width

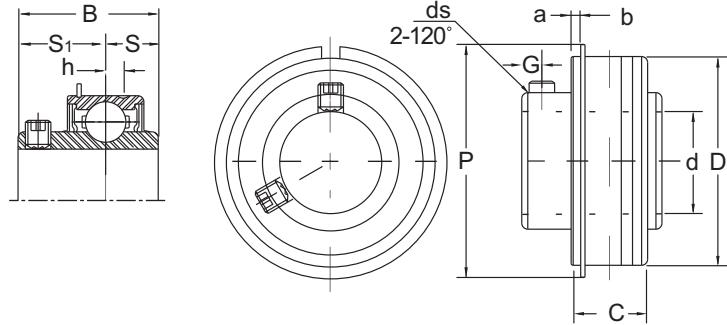


Unit No.	Shaft dia d	Dimensions (inches)					ds
		D	B	C	S	G	
SSB 201-8	1/2	1.5748	0.8661	0.4724	0.2362	0.1574	M6x 0.75
SSB 202-10	5/8	1.5748	0.8661	0.4724	0.2362	0.1574	M6x 0.75
SSB 204-12	3/4	1.8504	0.9842	0.5511	0.2755	0.1968	M6x 0.75
SSB 205-16	1	2.0472	1.0629	0.5905	0.2952	0.2165	M6x 0.75
SSB 206-19	1 3/16	2.4409	1.1811	0.6299	0.3149	0.2362	M8x 1.0
SSB 206-20	1 1/4	2.4409	1.1811	0.6299	0.3149	0.2362	M8x 1.0
SSB 207-20	1 1/4	2.8346	1.2598	0.6692	0.3346	0.2362	M8x 1.0
SSB 207-22	1 3/8	2.8346	1.2598	0.6692	0.3346	0.2362	M8x 1.0
SSB 207-23	1 7/16	2.8346	1.2598	0.6692	0.3346	0.2362	M8x 1.0
Dimensions (mm)							
SSB 204	20	47	24.7	14	7.0	4.5	M6X0.75
SSB 205	25	52	27.0	15	7.5	5.0	M6X 0.75
SSB 206	30	62	30.3	16	8.0	5.0	M8X 1.0
SSB 207	35	72	32.9	17	8.5	6.0	M8X 1.0



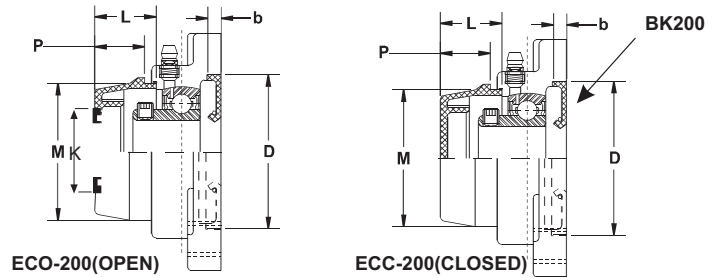
SSER

Stainless Steel insert bearings with snap ring



Unit No.	Shaft dia d	Dimensions (inches)										Setscrew ds
		D	B	C	S	S ₁	G	P	h	b	a	
SSER 201-8	1/2	1.8504	1.2205	0.6299	0.5000	0.7205	0.1969	2.0669	0.1575	0.0421	0.0937	M6x 0.75
SSER 202-10	5/8	1.8504	1.2205	0.6299	0.5000	0.7205	0.1969	2.0669	0.1575	0.0421	0.0937	M6x 0.75
SSER 204-12	3/4	1.8504	1.2205	0.6299	0.5000	0.7205	0.1969	2.0669	0.1575	0.0421	0.0937	M6x 0.75
SSER 205-16	1	2.0472	1.3425	0.6693	0.5630	0.7795	0.1969	2.2716	0.1772	0.0421	0.0937	M6x 0.75
SSER 206-19	1 3/16	2.4409	1.5000	0.7480	0.6260	0.8740	0.1969	2.6575	0.2165	0.0650	0.1252	M8x 1.0
SSER 206-20	1 1/4	2.4409	1.5000	0.7480	0.6260	0.8740	0.1969	2.6575	0.2165	0.0650	0.1252	M8x 1.0
SSER 207-20	1 1/4	2.8346	1.6890	0.7874	0.6890	1.0000	0.2756	3.0866	0.2559	0.0650	0.1252	M8x 1.0
SSER 207-22	1 3/8	2.8346	1.6890	0.7874	0.6890	1.0000	0.2756	3.0866	0.2559	0.0650	0.1252	M8x 1.0
SSER 207-23	1 7/16	2.8346	1.6890	0.7874	0.6890	1.0000	0.2756	3.0866	0.2559	0.0650	0.1252	M8x 1.0
SSER 208-24	1 1/2	3.1496	1.9370	0.8661	0.7480	1.1890	0.3150	3.4016	0.3150	0.0650	0.1252	M8x 1.0
SSER 209-28	1 3/4	3.3465	1.9370	0.8661	0.7480	1.1890	0.3150	3.5984	0.3150	0.0650	0.1252	M8x 1.0
SSER 210-31	1 15/16	3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	3.7913	0.2559	0.0949	0.1252	M10x 1.25
SSER 210-32	2	3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	3.7913	0.2559	0.0949	0.1252	M10x 1.25
SSER 211-35	2 3/16	3.9370	2.1890	0.9843	0.8740	1.3150	0.3937	4.1850	0.2953	0.0949	0.1252	M10x 1.25
SSER 212-39	2 7/16	4.3307	2.5630	1.0670	1.0000	1.5630	0.3937	4.5827	0.3346	0.0949	0.1252	M10x 1.25
Dimensions (mm)												
SSER 204	20	47	31.0	17	12.7	18.3	5	52.5	4.0	1.07	2.38	M6x 0.75
SSER 205	25	52	34.1	17	14.3	19.8	5	57.7	4.5	1.07	2.38	M6x 0.75
SSER 206	30	62	38.1	19	15.9	22.2	5	67.5	5.5	1.65	3.18	M8x 1.0
SSER 207	35	72	42.9	20	17.5	25.4	7	78.4	6.5	1.65	3.18	M8x 1.0
SSER 208	40	80	49.2	22	19.0	30.2	8	86.4	8.0	1.65	3.18	M8x 1.0
SSER 209	45	85	49.2	22	19.0	30.2	8	91.4	8.0	1.65	3.18	M10x 1.25
SSER 210	50	90	51.6	24	19.0	32.6	10	96.3	6.5	2.41	3.18	M10x 1.25
SSER 211	55	100	55.6	25	22.2	33.4	10	106.3	7.5	2.41	3.18	M10x 1.25
SSER 212	60	110	65.1	27	25.4	39.7	10	116.4	8.5	2.41	3.18	M10x 1.25

Thermoplastic Cover and Back Seal for Thermoplastic Units



Cap No.	Shaft Diameter		Dimensions (mm)						
	mm	inch	P	L	M	D	b	K	
ECC/ECO/BK201	12	1/2	18.7	23	50	52	6	32	
ECC/ECO/BK202	15	5/8	18.7	23	50	52	6	32	
ECC/ECO/BK203	17		18.7	23	50	52	6	32	
ECC/ECO/BK204	20	3/4	18.7	23	50	52	6	32	
ECC/ECO/BK205	25	1	20.7	25	55	62	6	37	
ECC/ECO/BK206	30	1-3/16, 1-1/4	25.7	30	64	72	6	42	
ECC/ECO/BK207	35	1-1/4, 1-3/8, 1-7/16	26.9	32	74.5	82	6	47	
ECC/ECO/BK208	40	1-1/2	32.7	37	84	88	6	51	
ECC/ECO/BK209	45	1-3/4	35.9	41	89	93	6	53	
ECC/ECO/BK210	50	1-15/16, 2	42.0	47	94	98	6	62	

BK-200 (back seal) is recommended only for the SSB insert bearings.



INTERCHANGE TABLE BY MANUFACTURER

RBL	AMI	BROWNING	FYH	MRC/SKF	KML
SUCSP205-16	MUCP205-16	SPS-S 216	UCSP205-16S6H1	SPB100SS	SSP205-16
SUCSPA205-16	MUCTB205-16	STBS-S 216	UCPAN205-16S6H1	STB100SS	SSPA205-16
SUCSF205-16	MUCF205-16	SF4S-S216	UCSF205-16S6H1	S4F100SS	SSF205-16
SUCSFL205-16	MUCFL205-16	SF2S-S216	UCSFL205-16S6H1	S2F100SS	SSFL205-16
SUCSFB205-16	MUCFB205-16		UCSFB205-16S6H1		SSFB205-16
SUCTP205-16	MUCPPL205-16	CSP-S 216	UCP205-16S6PL	CPB100SSG	TPP205-16
SUCTPA205-16	MUCTBL205-16	CTBS-S216	UCPAN205-16S6PL	CTB100SSG	TPTB205-16
SUCTF205-16	MUCFPL205-16	CF4S-S216	UCF205-16S6PL	C4F100SSG	TPF205-16
SUCTFL205-16	MUCNFL205-16	CF2S-S216	UCFL205-16S6PL	C2F100SSG	TPFL205-16
SUCTFB205-16	MUCFBL205-16		UCFB205-16S6PL		TPFB205-16
SUC205-16	MUC205-16	VS-S216	UC205-16S6		SSUC205-16
SSER205-16	MSER205-16		ER205-16S6		

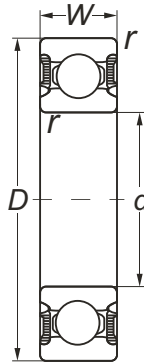
Interchanges are for comparison only. Dimensions may vary

CHEMICAL RESISTANCE

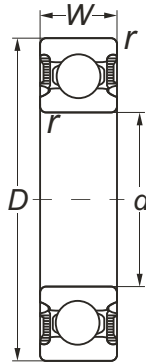
Anti-Corrosion Feature Against Main Acids			Bearing SUS440C		Housing SCS13	
Kind of Acid	Density (%)	Temp (°F)	13Cr Stainless Steel	18Cr Stainless Steel	18-8 Stainless Steel	18-12Mo Stainless Steel
HYDROCHLORIC ACID	0.1	68-125	▲	▲	▲	●
	1	68	X	X	▲	●
	2	68	X	X	X	▲
	10	68-95	X	X	X	X
SULFURIC ACID	.05	68	X	▲	●	●
	0.5	212	X	X	X	▲
	5	68	X	X	▲	●
	10	68-95	X	X	X	●
	50	68-86	X	X	X	X
	70	68-95	X	X	X	X
	98	86	▲	▲	●	●
NITRIC ACID	1	68-125	●	●	●	●
	5	185-212	▲	●	●	●
	50	212	X	▲	●	▲
	65	212	X	X	▲	▲
ACETIC ACID	1	212	▲	●	●	●
	10	68	▲	▲	●	●
	50	68-125	X	▲	●	●
	80	68	X	▲	●	●
	100	212	X	X	X	●

NOTE: (1) ● Depth of corrosion 0.1 mm/year or less.....Good.
 ▲ Depth of corrosion 0.1 - 1.0mm/year.....Usage depends on conditions.
 X Depth of corrosion more than 1.0mm/year.....No-good.

(2) In all cases, stainless steel mounted units shall not be used in applications where units are submersed in acids.

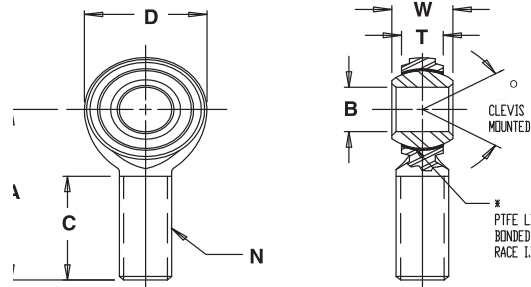

Seals-2RS

Inner Bore <i>d</i> mm	Bearing number with seals	Principal dimensions			Basic load ratings		Max runout speed Grease R/min	Mass kg
		<i>D</i>	<i>W</i> mm	<i>R</i>	dynamic <i>C</i> N	static <i>C₀</i>		
10	SS 6000 2RS	26	8	0.3	3600	1500	17000	0.0190
12	SS 6001 2RS	28	8	0.3	4000	1800	17000	0.0220
15	SS 6002 2RS	32	9	0.3	4400	2200	15000	0.0300
17	SS 6003 2RS	35	10	0.3	4800	2600	13000	0.0390
20	SS 6004 2RS	42	12	0.6	7400	4000	11000	0.0690
25	SS 6005 2RS	47	12	0.6	8000	4600	9500	0.0800
30	SS 6006 2RS	55	13	1.0	10000	6400	8000	0.1200
35	SS 6007 2RS	62	14	1.0	13000	8300	7000	0.1600
40	SS 6008 2RS	68	15	1.0	13600	9400	6300	0.1900
10	SS 6200 2RS	30	9	0.6	4000	1800	17000	0.030
12	SS 6201 2RS	32	10	0.6	5500	2400	16000	0.037
15	SS 6202 2RS	35	11	0.6	6200	3000	14000	0.046
17	SS 6203 2RS	40	12	0.6	7600	3800	12000	0.065
20	SS 6204 2RS	47	14	1.0	10100	5200	10000	0.107
25	SS 6205 2RS	52	15	1.0	11200	6200	9000	0.125
30	SS 6206 2RS	62	16	1.0	15600	8900	7500	0.205
35	SS 6207 2RS	72	17	1.0	20400	12200	6300	0.290
40	SS 6208 2RS	80	18	1.0	24500	15200	5600	0.370
20	SS 6304 2RS	52	15	1.1	12700	6200	9000	0.142
25	SS 6305 2RS	62	17	1.1	18000	9200	7500	0.230
30	SS 6306 2RS	72	19	1.0	22400	12800	6300	0.350
35	SS 6307 2RS	80	21	1.5	26500	15200	5600	0.460
40	SS 6308 2RS	90	23	1.5	32800	19200	5000	0.630



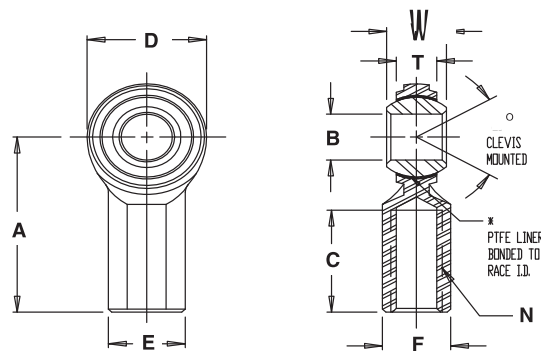
Seals-2RS

Inner bore <i>d</i> inch	Bearing number with seals	Principal dimensions inch			Basic load ratings		Mass lbs
		<i>D</i>	<i>W</i> open	<i>W</i> with seals	dynamic C N	static Co	
.1250	SS R2-2RS	.3750	.1562	.1562	160	150	.003
.1250	SS R2A-2RS	.5000	.1719	.1719	300	200	.003
.1875	SS R3-2RS	.5000	.1562	.1960	956	360	.006
.1875	SS R3A-2RS	.5000	.1960	.1960	956	490	.006
.2500	SS R4-2RS	.6250	.1960	.1960	1 200	460	.010
.2500	SS R4A-2RS	.7500	.2188	.2812	1 800	660	.020
.3750	SS R6-2RS	.8750	.2188	.2812	2 650	1 050	.024
.5000	SS R8-2RS	1.1250	.2500	.3125	4 100	1 750	.039
.6250	SS R10-2RS	1.3750	.2812	.3438	4 800	2 500	.081
.7500	SS R12-2RS	1.6250	.3125	.4375	6 300	3 400	.104
.8750	SS R14-2RS	1.8750	.3750	.5000	8 000	4 400	.157
1.0000	SS R16-2RS	2.0000	.3750	.5000	8 000	4 400	.187
1.1250	SS R18-2RS	2.1250	.3750	.5000	7 600	4 700	.198
1.2500	SS R20-2RS	2.2500	.3750	.5000	10 500	6 200	.209
1.3750	SS R22-2RS	2.5000	.4375	.5625	9 800	6 300	.232
1.5000	SS R24-2RS	2.6250	.4375	.5625	10 300	7 000	.309


MATERIALS

BALL	BODY
440C STAINLESS STEEL HEAT TREATED	303 STAINLESS STEEL PASSIVATED
LINER	
*TEFLON FABRIC	

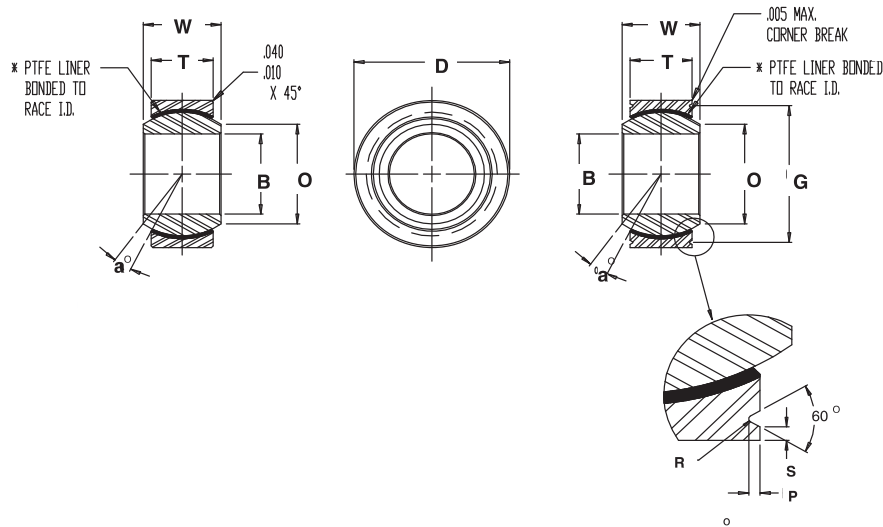
MALE ROD ENDS		B DIA.	D DIA.	W WIDTH	T WIDTH	BALL DIA.	A LGTH	N THD.	C LGTH	a° MIS. ANGLE	ULT. STATIC RADIAL LOAD (lbs.)	APPROX. WEIGHT (lbs.)
RIGHT HAND PART NO.	LEFT HAND PART NO.	+0.0025 -0.0005	+0.010 -0.010	+0.005 -0.005	REF.	REF.	+0.015 -0.015	UNF 3A	+0.062 -0.031	REF.		
RSCM3T	RSCML3T	.1900	.625	.312	.234	.437	1.250	10-32	.750	20	912	.03
RSCM4T	RSCML4T	.2500	.750	.375	.250	.500	1.562	1/4-28	1.000	27	1,370	.04
RSCM5T	RSCML5T	.3125	.875	.437	.312	.625	1.875	5/16-24	1.250	22	2,050	.07
RSCM6T	RSCML6T	.3750	1.000	.500	.359	.719	1.938	3/8-24	1.250	22	3,040	.11
RSCM7T	RSCML7T	.4375	1.125	.562	.406	.812	2.125	7/16-20	1.375	21	3,780	.15
RSCM8T	RSCML8T	.5000	1.312	.625	.453	.937	2.438	1/2-20	1.500	20	4,700	.24
RSCM10T	RSCML10T	.6250	1.500	.750	.484	1.125	2.625	5/8-18	1.625	26	5,860	.36
RSCM12T	RSCML12T	.7500	1.750	.875	.593	1.312	2.875	3/4-16	1.750	24	7,512	.57


MATERIALS

BALL	BODY
440C STAINLESS STEEL HEAT TREATED	303 STAINLESS STEEL PASSIVATED
LINER	
*TEFLON FABRIC	

FEMALE ROD ENDS		B DIA.	D DIA.	W WIDTH	T WIDTH	BALL DIA.	A LGTH	N THD.	C LGTH	E DIA.	F FLAT	a° MIS. ANG.	ULT. STATIC RADIAL LOAD (lbs.)	APPROX. WEIGHT (lbs.)
RIGHT HAND PART NO.	LEFT HAND PART NO.	+0.0025 -0.0005	+0.010 -0.010	+0.005 -0.005	REF.	REF.	+0.015 -0.015	UNF 2B	+0.062 -0.031	+0.010 -0.010	+0.010 -0.010	REF.		
RSCF3T	RSCFL3T	.1900	.625	.312	.234	.437	1.062	10-32	.500	.406	.312	20	930	.04
RSCF4T	RSCFL4T	.2500	.750	.375	.250	.500	1.312	1/4-28	.687	.468	.375	27	1,380	.05
RSCF5T	RSCFL5T	.3125	.875	.437	.312	.625	1.375	5/16-24	.687	.500	.437	22	2,100	.08
RSCF6T	RSCFL6T	.3750	1.000	.500	.359	.719	1.625	3/8-24	.812	.687	.562	22	3,080	.13
RSCF7T	RSCFL7T	.4375	1.125	.562	.406	.812	1.812	7/16-20	.937	.750	.625	21	3,790	.18
RSCF8T	RSCFL8T	.5000	1.312	.625	.453	.937	2.125	1/2-20	1.062	.875	.750	20	4,720	.29
RSCF10T	RSCFL10T	.6250	1.500	.750	.484	1.125	2.500	5/8-18	1.375	1.000	.875	26	5,870	.43
RSCF12T	RSCFL12T	.7500	1.750	.875	.593	1.312	2.875	3/4-16	1.562	1.125	1.000	24	7,520	.65

* A trade mark of E.I. Dupont de Nemours & Co., Inc.



BEARING PART NO.		B DIA.	D DIA.	W WIDTH	T WIDTH	O DIA.	G DIA.	BALL DIA.	a MIS. ANG.	LOAD RATINGS (lbs.)			APPROX. WEIGHT (lbs.)
PLAIN	GROOVED								MIN.	RADIAL (lbs.)	AXIAL (lbs.)	OSIL-LATING LOAD (lbs.)	
RKSSX3T	RKSSX3TV	.1900	.5625	.281	.218	.293	.500	.406	11	3,975	150	1,500	.020
RKSSX4T	RKSSX4TV	.2500	.6562	.343	.250	.364	.594	.500	13.5	6,040	430	3,320	.020
RKSSX5T	RKSSX5TV	.3125	.7500	.375	.281	.419	.650	.562	12	8,750	700	5,460	.030
RKSSX6T	RKSSX6TV	.3750	.8125	.406	.312	.516	.712	.656	10	10,540	1,100	6,600	.040
RKSSX7T	RKSSX7TV	.4375	.9062	.437	.343	.530	.806	.687	9.5	13,200	1,400	8,050	.050
RKSSX8T	RKSSX8TV	.5000	1.0000	.500	.390	.600	.876	.781	9.5	17,900	2,100	10,400	.070
RKSSX9T	RKSSX9TV	.5625	1.0937	.562	.437	.671	.970	.875	9.5	23,200	3,680	13,000	.090
RKSSX10T	RKSSX10TV	.6250	1.1875	.625	.500	.739	1.063	.968	8.5	30,500	4,720	16,450	.120
RKSSX12T	RKSSX12TV	.7500	1.4375	.750	.593	.920	1.313	1.187	9	46,400	6,750	23,600	.210
RKSSX14T	RKSSX14TV	.8750	1.5625	.875	.703	.980	1.438	1.312	9.5	62,200	9,350	30,250	.270
RKSSX16T	RKSSX16TV	1.0000	1.7500	1.000	.797	1.118	1.626	1.500	10	82,200	12,160	38,000	.390

* A trade mark of E.I. Dupont de Nemours & Co., Inc.

MATERIALS

BALL		RACE	LINER
FKSSX-T	**PFKSSX-T	17-4 PH	*TEFLON FABRIC
440C STAINLESS STEEL HEAT TREATED	52100 STEEL HEAT TREATED HARD CHROME PLATED	STAINLESS STEEL HEAT TREATED	

** Bore tolerance is +.0015/- .0005

STAKING GROOVE DATA

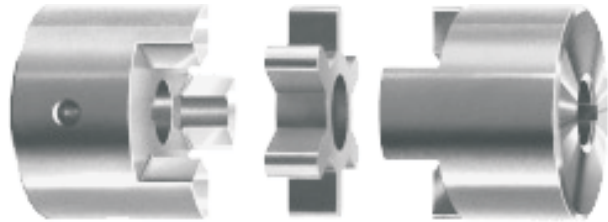
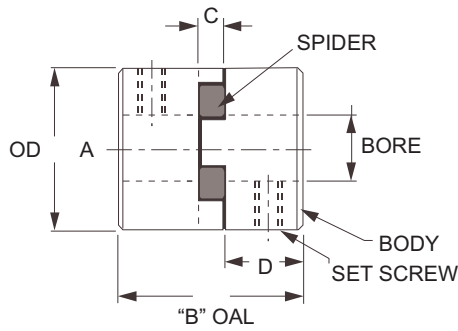
BORE SIZES	S	R	P
	LAND	RAD.	DEPTH
	MIN.	+ .002 - .005	+ .000 - .010
3 & 4	.010	.010	.025
5	.020	.010	.035
6 & 7	.020	.015	.035
8 thru 16	.020	.015	.055

NOTES:

DIAMETER "B" AND "D" ARE CONCENTRIC WITHIN .005 T.I.R.

NO LOAD BREAKAWAY TORQUE

BORE SIZES	TORQUE
3 & 4	.25 to 5.0
5 to 12	1.0 to 5.0
14 & 16	2.0 to 8.0



Coupling Size	Bore Range	Outside Dia. "OD"	Overall Length "B"	Gap "C"	LTB "D"	Screw Size	Torque Rating inLbs	Horsepower capacity at various "RPM"			
								100	1200	1800	3600
SSL075	1/4"-7/8"	1.75	2.13	.50	.82	1/4"-20	90	0.140	1.68	2.57	5.04
SSL095	1/4"-1-1/8"	2.11	2.51	.52	1.00	5/16"-18	194	0.310	3.72	5.50	11.10
SSL100	3/4"-1-3/8"	2.54	3.48	.71	1.38	5/16"-18	417	0.660	7.90	11.90	23.75
SSL110	1"-1-5/8"	3.32	4.22	.88	1.68	3/8"-16	792	1.250	15.10	23.00	45.25
SSL150	1"-1-7/8"	3.75	4.50	1.00	1.75	3/8"-16	1240	2.000	24.00	35.00	72.00

* Torque ratings based on Buna-N rubber insert and service factor of one.
 * All dimensions are in inches.

Product Data (Material)

All Types
Body 316 Stainless Steel
Setscrew 316 Stainless Steel

Standard Tolerances

Dimensions		Tolerance
Bore	1/4" to 1-7/8"	+ .001 / - .000



"RBL" Stainless Steel Part #	O.D. "D"	Width "W"	SET SCREW SIZE
SSC 1/8	0.355	0.250	6-32 x 1/8
SSC 3/16	0.418	0.250	8-32 X 1/8
SSC 1/4	0.480	0.281	10-32 X 1/8
SSC 5/16	0.605	0.313	10-32 X 1/8
SSC 3/8	0.730	0.375	1/4-20 X 3/16
SSC 7/16	0.855	0.437	1/4-20 X 1/4
SSC 1/2	0.980	0.437	1/4-20 X 1/4
SSC 9/16	0.980	0.437	1/4-20 X 1/4
SSC 5/8	1.105	0.500	5/16-18 X 1/4
SSC 11/16	1.230	0.562	5/16-18 X 1/4
SSC 3/4	1.230	0.562	5/16-18 X 1/4
SSC 13/16	1.480	0.562	5/16-18 X 1/4
SSC 7/8	1.480	0.562	5/16-18 X 5/16
SSC 15/16	1.605	0.562	5/16-18 X 5/16
SSC 1	1.605	0.625	5/16-18 X 5/16
SSC 1-1/16	1.730	0.625	5/16-18 X 5/16
SSC 1-1/8	1.730	0.625	5/16-18 X 5/16
SSC 1-3/16	1.975	0.687	3/8-16 X 3/8
SSC 1-1/4	1.975	0.687	3/8-16 X 3/8
SSC 1-5/16	2.100	0.687	3/8-16 X 3/8
SSC 1-3/8	2.100	0.750	3/8-16 X 3/8
SSC 1-7/16	2.225	0.750	3/8-16 X 3/8
SSC 1-1/2	2.225	0.813	3/8-16 X 3/8
SSC 1-9/16	2.480	0.813	3/8-16 X 3/8
SSC 1-5/8	2.480	0.813	3/8-16 X 3/8
SSC 1-11/16	2.480	0.813	3/8-16 X 3/8
SSC 1-3/4	2.720	0.875	1/2-13 X 1/2
SSC 1-13/16	2.720	0.875	1/2-13 X 1/2
SSC 1-7/8	2.720	0.875	1/2-13 X 1/2
SSC 1-15/16	2.975	0.875	1/2-13 X 1/2
SSC 2	2.975	0.875	1/2-13 X 1/2
SSC 2-1/8	2.975	0.875	1/2-13 X 1/2
SSC 2-3/16	3.225	0.937	1/2-13 X 1/2
SSC 2-1/4	3.225	0.937	1/2-13 X 1/2
SSC 2-5/16	3.225	0.937	1/2-13 X 1/2
SSC 2-3/8	3.225	0.937	1/2-13 X 1/2
SSC 2-7/16	3.470	1.000	1/2-13 X 1/2
SSC 2-1/2	3.470	1.000	1/2-13 X 1/2
SSC 2-9/16	3.720	1.125	1/2-13 X 9/16
SSC 2-5/8	3.720	1.125	1/2-13 X 9/16
SSC 2-11/16	3.970	1.125	1/2-13 X 5/8
SSC 2-3/4	3.970	1.125	1/2-13 X 5/8
SSC 2-13/16	3.970	1.125	1/2-13 X 5/8
SSC 2-7/8	4.220	1.125	1/2-13 X 5/8
SSC 2-15/16	4.220	1.125	1/2-13 X 5/8
SSC 3	4.220	1.125	1/2-13 X 5/8

"RBL" Stainless Steel Part #	O.D. "D"	Width "W"	Cap Screw Size
2SSC 1/8	1/2	1/4	4-40 X 3/8
2SSC 3/16	5/8	5/16	4-40 X 3/8
2SSC 1/4	11/16	5/16	4-40 X 3/8
2SSC 5/16	11/16	5/16	4-40 X 3/8
2SSC 3/8	7/8	11/32	6-32 X 3/8
2SSC 7/16	15/16	3/8	6-32 X 3/8
2SSC 1/2	1-1/8	13/32	8-32 X 1/2
2SSC 9/16	1-1/4	7/16	10-32 X 1/2
2SSC 5/8	1-5/16	7/16	10-32 X 1/2
2SSC 11/16	1-3/8	7/16	10-32 X 1/2
2SSC 3/4	1-1/2	1/2	1/4-28 X 5/8
2SSC 13/16	1-5/8	1/2	1/4-28 X 5/8
2SSC 7/8	1-5/8	1/2	1/4-28 X 5/8
2SSC 15/16	1-3/4	1/2	1/4-28 X 5/8
2SSC 1	1-3/4	1/2	1/4-28 X 5/8
2SSC 1-1/16	1-7/8	1/2	1/4-28 X 5/8
2SSC 1-1/8	1-7/8	1/2	1/4-28 X 5/8
2SSC 1-3/16	2-1/16	1/2	1/4-28 X 5/8
2SSC 1-1/4	2-1/16	1/2	1/4-28 X 5/8
2SSC 1-5/16	2-1/8	9/16	1/4-28 X 5/8
2SSC 1-3/8	2-1/4	9/16	1/4-28 X 5/8
2SSC 1-7/16	2-1/4	9/16	1/4-28 X 5/8
2SSC 1-1/2	2-3/8	9/16	1/4-28 X 5/8
2SSC 1-9/16	2-3/8	9/16	1/4-28 X 5/8
2SSC 1-5/8	2-5/8	11/16	5/16-24 X 7/8
2SSC 1-11/16	2-3/4	11/16	5/16-24 X 7/8
2SSC 1-3/4	2-3/4	11/16	5/16-24 X 7/8
2SSC 1-13/16	2-7/8	11/16	5/16-24 X 7/8
2SSC 1-7/8	2-7/8	11/16	5/16-24 X 7/8
2SSC 1-15/16	3	11/16	5/16-24 X 7/8
2SSC 2	3	11/16	5/16-24 X 7/8
2SSC 2-1/16	3-1/8	3/4	5/16-24 X 7/8
2SSC 2-1/8	3-1/4	3/4	5/16-24 X 7/8
2SSC 2-3/16	3-1/4	3/4	5/16-24 X 7/8
2SSC 2-1/4	3-1/4	3/4	5/16-24 X 7/8
2SSC 2-5/16	3-3/8	3/4	5/16-24 X 7/8
2SSC 2-3/8	3-1/2	3/4	5/16-24 X 7/8
2SSC 2-7/16	3-1/2	3/4	5/16-24 X 7/8
2SSC 2-1/2	3-3/4	7/8	3/8-24 X 7/8
2SSC 2-9/16	3-7/8	7/8	3/8-24 X 7/8
2SSC 2-5/8	3-7/8	7/8	3/8-24 X 7/8
2SSC 2-11/16	4	7/8	3/8-24 X 7/8
2SSC 2-3/4	4	7/8	3/8-24 X 7/8
2SSC 2-13/16	4-1/4	7/8	3/8-24 X 7/8
2SSC 2-7/8	4-1/4	7/8	3/8-24 X 7/8
2SSC 2-15/16	4-1/4	7/8	3/8-24 X 7/8
2SSC 3	4-1/4	7/8	3/8-24 X 7/8



"RBL" Stainless Steel Part #	O.D. "D"	Width "W"	Cap Screw Size
CSSC 1/8	1/2	1/4	4-40 X 3/8
CSSC 3/16	5/8	5/16	4-40 X 3/8
CSSC 1/4	11/16	5/16	4-40 X 3/8
CSSC 5/16	11/16	5/16	4-40 X 3/8
CSSC 3/8	7/8	11/32	6-32 X 3/8
CSSC 7/16	15/16	3/8	6-32 X 3/8
CSSC 1/2	1-1/8	13/32	8-32 X 1/2
CSSC 9/16	1-1/4	7/16	10-32 X 1/2
CSSC 5/8	1-5/16	7/16	10-32 X 1/2
CSSC 11/16	1-3/8	7/16	10-32 X 1/2
CSSC 3/4	1-1/2	1/2	1/4-28 X 5/8
CSSC 13/16	1-5/8	1/2	1/4-28 X 5/8
CSSC 7/8	1-5/8	1/2	1/4-28 X 5/8
CSSC 13/16	1-3/4	1/2	1/4-28 X 5/8
CSSC 1	1-3/4	1/2	1/4-28 X 5/8
CSSC 1-1/16	1-7/8	1/2	1/4-28 X 5/8
CSSC 1-1/8	1-7/8	1/2	1/4-28 X 5/8
CSSC 1-3/16	2-1/16	1/2	1/4-28 X 5/8
CSSC 1-1/4	2-1/16	1/2	1/4-28 X 5/8
CSSC 1-5/16	2-1/8	9/16	1/4-28 X 5/8
CSSC 1-3/8	2-1/4	9/16	1/4-28 X 5/8
CSSC 1-7/16	2-1/4	9/16	1/4-28 X 5/8
CSSC 1-1/2	2-3/8	9/16	1/4-28 X 5/8
CSSC 1-9/16	2-3/8	9/16	1/4-28 X 5/8
CSSC 1-5/8	2-5/8	11/16	5/16-24 X 7/8
CSSC 1-11/16	2-3/4	11/16	5/16-24 X 7/8
CSSC 1-3/4	2-3/4	11/16	5/16-24 X 7/8
CSSC 1-13/16	2-7/8	11/16	5/16-24 X 7/8
CSSC 1-7/8	2-7/8	11/16	5/16-24 X 7/8
CSSC 1-15/16	3	11/16	5/16-24 X 7/8
CSSC 2	3	11/16	5/16-24 X 7/8
CSSC 2-1/16	3-1/8	3/4	5/16-24 X 7/8
CSSC 2-1/8	3-1/4	3/4	5/16-24 X 7/8
CSSC 2-3/16	3-1/4	3/4	5/16-24 X 7/8
CSSC 2-1/4	3-1/4	3/4	5/16-24 X 7/8
CSSC 2-5/16	3-3/8	3/4	5/16-24 X 7/8
CSSC 2-3/8	3-1/2	3/4	5/16-24 X 7/8
CSSC 2-7/16	3-1/2	3/4	5/16-24 X 7/8
CSSC 2-1/2	3-3/4	7/8	3/8-24 X 7/8
CSSC 2-9/16	3-7/8	7/8	3/8-24 X 7/8
CSSC 2-5/8	3-7/8	7/8	3/8-24 X 7/8
CSSC 2-11/16	4	7/8	3/8-24 X 7/8
CSSC 2-3/4	4	7/8	3/8-24 X 7/8
CSSC 2-13/16	4-1/4	7/8	3/8-24 X 7/8
CSSC 2-7/8	4-1/4	7/8	3/8-24 X 7/8
CSSC 2-15/16	4-1/4	7/8	3/8-24 X 7/8
CSSC 3	4-1/4	7/8	3/8-24 X 7/8
CSSC 3-3/16	4-1/2	7/8	3/8-24 X 7/8
CSSC 3-7/16	4-3/4	7/8	3/8-24 X 7/8
CSSC 3-1/2	4-3/4	7/8	3/8-24 X 7/8
CSSC 3-13/16	5-1/16	7/8	3/8-24 X 7/8
CSSC 3-15/16	5-1/4	7/8	3/8-24 X 7/8

The RBL SS-Shaft collars are type 304
Metric dimensions are also available

RBL Premium Stainless Steel Chains

SS series stainless steel roller chains provide excellent corrosion protection against low or high temperature, acid, alkali, moisture, scale, oil and magnetism.

SS series stainless steel roller chains are manufactured in accordance with the dimensions ANSI standards.

INTRODUCTION OF NEW HIGH POWER NEW SSS SERIES PRODUCTS

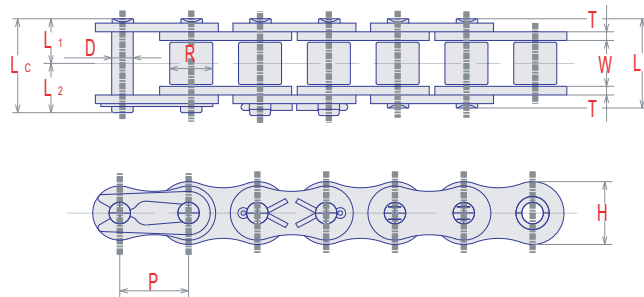
SSS series stainless steel roller chains with solid rollers, are anti-magnetic and have superior permeability than the common curled roller.

High Power New SSS Chain use a specially treated pin and roller.

Extremely long life is engaged by this surface treatment.

SSS series chain life is more than 2 times longer than that of normal SS series Chain.

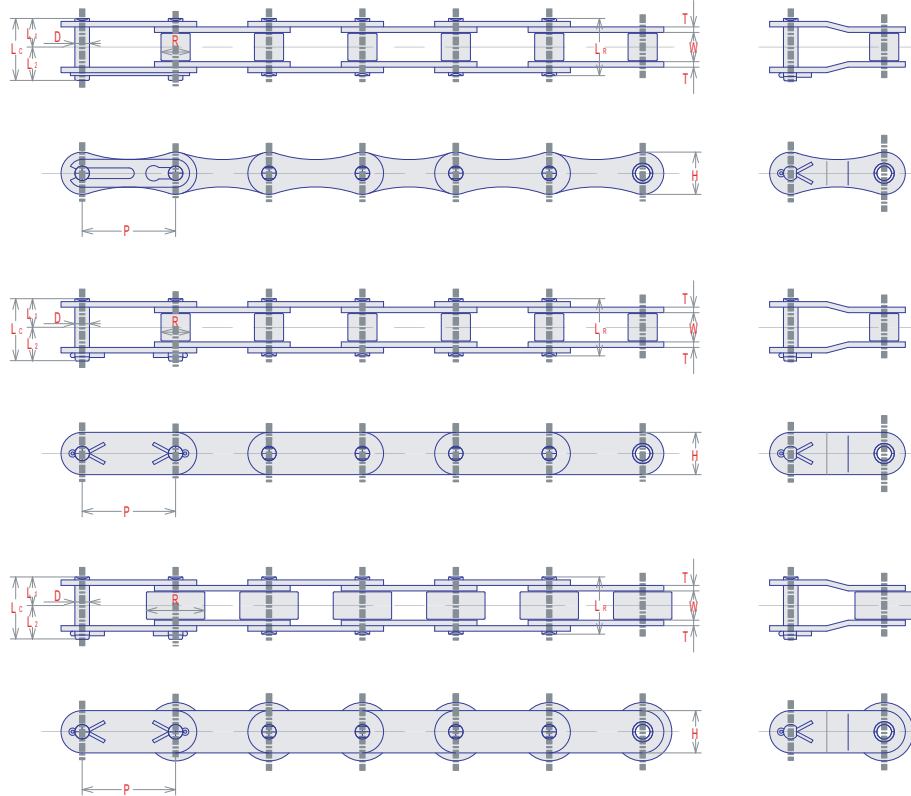
50% Higher Allowable Loads



ANSI AND BS STAINLESS STEEL CHAIN

Chain No.	Dimensions - inch										Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
	P	W	R	D	LR	Lc	L1	L2	H	T			
25-SS	1/4	.125	▲.130	.091	.300	.340	.150	.190	.230	.030	880	22	.09
35-SS	3/8	.188	▲.200	.141	.472	.509	.236	.273	.354	.050	1,400	60	.23
40-SS	1/2	.312	.312	.156	.654	.705	.327	.378	.463	.060	2,800	100	.40
50-SS	5/8	.375	.400	.200	.804	.867	.402	.465	.577	.080	4,000	154	.66
60-SS	3/4	.500	.469	.234	1.008	1.059	.504	.555	.691	.094	5,500	200	.98
80-SS	1	.625	.625	.312	1.292	1.378	.646	.732	.921	.125	9,500	400	1.69
100-SS	1-1/4	.750	.750	.375	1.552	1.693	.776	.917	1.154	.156	11,500	600	2.62
※120-SS	1-1/2	1.000	.875	.437	1.952	2.102	.976	1.126	1.382	.187	15,400	900	3.86
※140-SS	1-3/4	1.000	1.000	.500	2.124	2.294	1.062	1.232	1.610	.220	19,800	1,000	4.96
※160-SS	2	1.250	1.125	.562	2.536	2.705	1.268	1.437	1.839	.252	24,700	1,400	6.56
	P	W	R	D	LR	Lc	L1	L2	H	T	Lbs	Lbs	Lbs/ft
05B-SS	.315	.118	.197	.091	.300	.335	.150	.185	.280	.030	900	26	.11
06B-SS	3/8	.225	.250	.129	.480	.516	.240	.276	.323	.039/.049	1,450	60	.29
08B-SS	1/2	.305	.335	.175	.658	.692	.329	.363	.457	.060	2,580	110	.41
10B-SS	5/8	.380	.400	.200	.748	.796	.374	.422	.571	.065	3,670	150	.60
12B-SS	3/4	.460	.475	.225	.828	.905	.414	.491	.626	.070	4,100	200	.77
16B-SS	1	.670	.625	.325	1.382	1.496	.691	.805	.792	.122/.154	10,670	460	1.74

※304 Stainless steel



DOUBLE PITCH STAINLESS STEEL CHAIN

Chain No.	Dimensions - inch										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
	P	W	R	D	LR	LC	L1	L2	H	T			
A2040-SS	1	.312	.312	.156	.646	.701	.323	.378	.450	.060	2,800	99	.29
A2050-SS	1-1/4	.375	.400	.200	.800	.867	.400	.467	.591	.080	4,450	154	.49
A2060-SS	1-1/2	.500	.469	.234	1.000	1.083	.500	.583	.670	.094	6,200	231	.69
A2080-SS	2	.625	.625	.312	1.256	1.378	.628	.750	.890	.125	10,670	396	1.15
C2040-SS	1	.312	.312	.156	.646	.729	.323	.406	.450	.060	2,800	99	.32
C2050-SS	1-1/4	.375	.400	.200	.804	.867	.402	.465	.591	.080	4,450	154	.55
C2060H-SS	1-1/2	.500	.469	.234	1.134	1.221	.567	.654	.670	.125	6,200	231	.93
C2080H-SS	2	.625	.625	.312	1.402	1.528	.701	.827	.890	.156	10,670	396	1.56
※C2100H-SS	2-1/2	.750	.750	.375	1.662	1.800	.831	.969	1.125	.187	12,900	583	2.32
※C2120H-SS	3	1.000	.875	.437	2.070	2.244	1.035	1.209	1.375	.219	17,000	1,300	3.30
※C2160H-SS	4	1.250	1.125	.562	2.670	2.870	1.335	1.535	1.875	.281	27,600	1,600	5.38
C2042-SS	1	.312	.625	.156	.646	.729	.323	.406	.450	.060	2,800	99	.55
C2052-SS	1-1/4	.375	.750	.200	.804	.867	.402	.465	.591	.080	4,450	154	.85
C2062H-SS	1-1/2	.500	.875	.234	1.134	1.221	.567	.654	.670	.125	6,200	231	1.40
C2082H-SS	2	.625	1.125	.312	1.402	1.528	.701	.827	.890	.156	10,670	396	2.25
※C2102H-SS	2-1/2	.750	1.562	.375	1.662	1.800	.831	.969	1.125	.187	12,900	583	3.78
※C2122H-SS	3	1.000	1.750	.437	2.070	2.244	1.035	1.209	1.375	.219	17,000	1,300	5.28
※C2162H-SS	4	1.250	2.250	.562	2.670	2.870	1.335	1.535	1.875	.281	27,600	1,600	8.57

※304 Stainless steel

Selection of Stainless Steel Chain

Chain selection should be made based on the bearing pressure as shown below

$$\text{Max. Allowable Load : } \frac{\overset{\text{mm}}{\boxed{\text{PIN DIA.}}} \times \overset{\text{mm}}{\boxed{\text{BUSHING LENGTH}}} \times \overset{\text{Mpa}}{\boxed{P}}}{1000} = \text{kN}$$

$$\text{Max. Allowable Load} \geq f1 \times f2 \times f3 \times f5 \times [\text{Calculated Chain Tension}]$$

NEW Chain

		SS SERIES		SSS SERIES	600 SERIES
Material	Plate	SUS304	SUS316	SUS304	SUS304
	Pin	SUS304	SUS316	SUS304	600
	Bushing	SUS304	SUS316	SUS304	SUS304
	Roller	SUS304	SUS316	SUS304	600
Shape of roller		Solid	Solid	Solid	Solid
Bearing Pressure (P)		9.8	9.8	14.7	14.7
Non-Magnetize		○	⊙	○	△
Corrosion Resistance		○	⊙	○	△
Heat Resistance		○	⊙	○	○
Wear Resistance		△	△	○	⊙
Stress Corrosin			⊙		
Cracking Resistance					
Chain Number		#35 - #120 - C2100H	#35 - #120 - C2080H	#35 - #160 - C2100H	#40 - #100 - C2100H

Rating :

⊙Excellent

○Good

△Fair

Not Recommended

Service Factor (f1)

Condition	(f1)
Smooth	1.0
Some Impact	1.2
Large Impact	1.5

Service Factor (f2)

Chain Speed (m/s)	(f2)
0 - 1.5	1.0
1.5 - 3.0	1.2
3.0 - 5.0	1.4
5.0 - 7.0	1.6

Service Factor (f3)

Temperature (C)	304SS	316SS	600
- 40 - 20	1.0	1.0	
- 20 - 400	1.0	1.0	1.0
400 - 500	1.2	1.2	1.8
500 - 600	1.5	1.5	
600 - 700	1.8	1.8	
700 - 800		2.0	

: Not Recommended

Service Factor (f4)

See next page

Corrosion Rating	(f4)
1	1.00
2	1.23
3	1.44
4	

: Not Recommended

Service Factor (f5)

Lubrication	(f5)
Lubricate	1.00
dry	1.44

STAINLESS CHAIN CORROSION RESISTANCE GUIDE

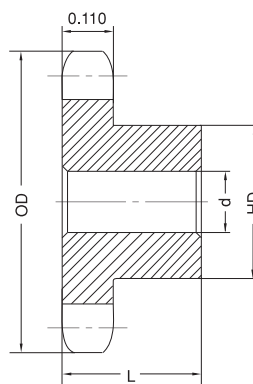
CORROSION RATING

Agent	Stainless Steel			Agent	Stainless Steel		
	304	600	316		304	600	316
Acidic Acid 20 C	1	1	1	Linseed Oil	1	1	1
Boiling	2	2	1	Lye 20 C	1	1	1
Acidic Vapors	3	4	2	Boiling	2	3	1
Acetone	1	1	1	Magnesium Chloride 20 C	2	3	1
Alcohol	1	1	1	Hot	3	4	2
Aluminum Chloride	3	4	2	Malic acid	1	1	1
Aluminum Sulfate 20 C	1	1	1	Marsh gas	1	1	1
Boiling	2	3	1	Mayonnaise	2	3	1
Ammonia	1	1	1	Mercury	1	1	1
Ammonium Chloride 20 C	1	1	1	Milk	1	1	1
Boiling	2	3	1	Mine water (acid)	1	1	1
Ammonium Nitrate	1	1	1	Molasses	1	1	1
Baking Soda	1	1	1	Nickel Chloride	2	3	1
Barium Carbonate	1	1	1	Nickel Sulfate	1	1	1
Barium Chloride 20 C	1	1	1	Nitric Acid 20 C	1	1	1
Hot	2	3	1	Concentrated Boiling	3	4	2
Beer	1	1	1	Fuming	3	4	2
Beet Juice	1	1	1	Oleic Acid	2	3	1
Benzine	1	1	1	Oils Mineral	1	1	1
Bleaching Powder	2	4	1	Vegetable	1	1	1
Blood(meat juices)	1	1	1	Refined	1	1	1
Boric Acid	1	1	1	Crude	2	3	1
Calcium Chloride(Alkaline)	2	2	1	Oxalic Acid	1	1	1
Calcium Chloride	3	4	2	Paraffin	1	1	1
Calcium Sulfate	1	1	1	Phenol (Carbolic acid)	1	1	1
Carbolic Acid	1	1	1	Phosphoric Acid boiling	4	4	3
Carbon Tetrachloride	1	2	1	Potash	1	1	1
Caustic Lime, Potassium	1	1	1	Potassium Chloride	2	3	1
Chlorine gas Dry	3	4	2	Potassium Cyanide	1	1	1
Moist	4	4	3	Potassium Nitrate	1	1	1
Chlorinated water	2	3	1	Potassium Sulfate	1	1	1
Chromic Acid 20 C	1	1	1	Potassium Sulfide	1	1	1
Boiling	3	4	1	Salt 20 C	1	2	1
Citric Acid 20 C	1	1	1	65 C	2	3	1
Boiling	3	4	1	Sea Water	2	3	1
Ferric Chloride	3	4	2	Sewage(sulfuric acid)	2	3	1
Formic Acid	2	3	1	Sodium Acetate	1	1	1
Fruit juices	1	2	1	Sodium Chloride 20 C	1	1	1
Fuel Oil	1	1	1	Boiling	2	3	1
Fuel oil with sulfuric	3	4	3	Sodium Cyanide	1	1	1
Gasoline	1	1	1	Sodium Fluoride	2	3	1
Glue	1	1	1	Sodium Hydroxide	1	1	1
Glue acidified	2	3	1	Sodium Peroxide	1	1	1
Glycerin	1	1	1	Sodium Sulfate	1	1	1
Grape juices	1	1	1	Sodium Sulfide	2	3	1
Gypsum(Calcium Sulfate)	1	1	1	Sodium Sulfite	1	1	1
Hydrochloric acid 2%	4	4	4	Soap	1	1	1
Hydrogen Peroxide 30%	1	2	1	Sulfuric Acid 20 C	2	3	1
Hydrogen Sulfide Dry	1	1	1	Boiling	4	4	2
Moist	4	4	4	Fuming	3	4	1
Iodine Dry	1	1	1	Vapor	2	3	1
Moist	4	4	3	Vinegar(Acetic Acid)	1	1	1
Ketchup	1	1	1	Whiskey	1	1	1
Lactic acid 20 C	1	1	1	Wood Pulp	1	1	1
65 C	3	4	1	Zinc Chloride 20 C	1	1	1
Lard	1	1	1	Boiling	3	4	2

No. 25

STAINLESS STEEL

1/4" Pitch



Type B

Single Type B Stainless Steel

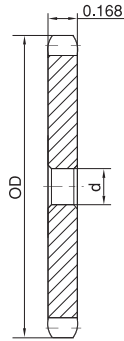
No. of Teeth	Part No.	OD	d		HD	L	App. Wt. (Lbs.)
			Min.	Max.			
9	25B9SS	0.840	1/4	1/4	7/16*	1/2	0.03
10	25B10SS	0.920	1/4	1/4	1/2*	1/2	0.03
11	25B11SS	1.000	1/4	5/16	9/16*	1/2	0.03
12	25B12SS	1.080	1/4	3/8	5/8*	1/2	0.06
13	25B13SS	1.170	1/4	7/16	23/32*	1/2	0.07
14	25B14SS	1.250	1/4	9/16	13/16	1/2	0.08
15	25B15SS	1.330	1/4	9/16	57/64	1/2	0.10
16	25B16SS	1.410	1/4	9/16	31/32	1/2	0.12
17	25B17SS	1.490	1/4	5/8	1-1/32	1/2	0.14
18	25B18SS	1.570	1/4	3/4	1-1/8	1/2	0.16
19	25B19SS	1.650	1/4	13/16	1-7/32	1/2	0.19
20	25B20SS	1.730	1/4	7/8	1-9/32	5/8	0.25
21	25B21SS	1.810	1/4	7/8	1-3/8	5/8	0.28
22	25B22SS	1.890	1/4	15/16	1-7/16	5/8	0.31
23	25B23SS	1.970	1/4	1	1-1/2	5/8	0.32
24	25B24SS	2.050	3/8	1	1-1/2	5/8	0.33
25	25B25SS	2.130	3/8	1	1-1/2	5/8	0.34
26	25B26SS	2.210	3/8	1	1-1/2	5/8	0.35
28	25B28SS	2.370	3/8	1	1-1/2	5/8	0.36
30	25B30SS	2.530	3/8	1	1-1/2	5/8	0.38
36	25B36SS	3.010	3/8	1	1-1/2	3/4	0.50
40	25B40SS	3.330	1/2	1-3/8	2	3/4	0.53
45	25B45SS	3.730	1/2	1-3/8	2	3/4	0.56
60	25B60SS	4.920	1/2	1-3/8	2	3/4	1.10

* Hub has recessed groove allowing for chain clearance. For dimensions, please refer to catalogue # RCS2008
 Maximum bores shown, accommodate standard keyway with setscrew positioned over keyway.

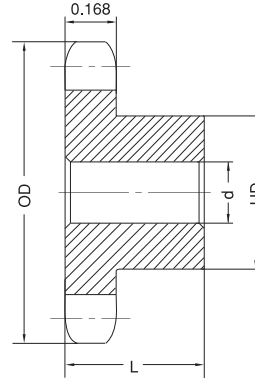
STAINLESS STEEL

No. 35

3/8" Pitch



Type A



Type B

Single Type A&B Stainless Steel

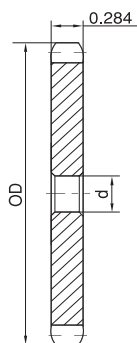
No. of Teeth	OD	Part No.	Type	d	App. Wt. (Lbs.)	Part No.	Type	d		HD	L	App. Wt. (Lbs.)
								Min.	Max.			
9	1.260					35B9SS	B	3/8	3/8	27/32*	3/4	0.10
10	1.380					35B10SS	B	3/8	9/16	31/32*	3/4	0.15
11	1.500					35B11SS	B	3/8	9/16	1-1/16*	3/4	0.20
12	1.630					35B12SS	B	1/2	5/8	1-7/32*	3/4	0.22
13	1.750					35B13SS	B	1/2	3/4	1-1/4*	3/4	0.25
14	1.870					35B14SS	B	1/2	7/8	1-1/4	3/4	0.26
15	1.990					35B15SS	B	1/2	7/8	1-11/32	3/4	0.30
16	2.110					35B16SS	B	1/2	15/16	1-15/32	3/4	0.40
17	2.230					35B17SS	B	1/2	1-1/16	1-19/32	3/4	0.43
18	2.350					35B18SS	B	1/2	1-3/16	1-23/32	3/4	0.50
19	2.470					35B19SS	B	1/2	1-1/4	1-27/32	3/4	0.56
20	2.590					35B20SS	B	1/2	1-5/16	1-15/16	3/4	0.68
21	2.710					35B21SS	B	1/2	1-3/8	2	7/8	0.80
22	2.830					35B22SS	B	1/2	1-3/8	2	7/8	0.82
23	2.950					35B23SS	B	1/2	1-3/8	2	7/8	0.87
24	3.070					35B24SS	B	1/2	1-3/8	2	7/8	0.89
25	3.190					35B25SS	B	1/2	1-3/8	2	7/8	0.91
26	3.310					35B26SS	B	1/2	1-3/8	2	7/8	0.93
28	3.550					35B28SS	B	1/2	1-3/8	2	7/8	1.00
30	3.790					35B30SS	B	1/2	1-3/8	2	7/8	1.06
35	4.390					35B35SS	B	5/8	1-1/2	2-1/4	7/8	1.56
40	4.990	35A40SS	A	19/32	1.04	35B40SS	B	5/8	1-1/2	2-1/4	1	1.70
45	5.590	35A45SS	A	19/32	1.26	35B45SS	B	5/8	1-1/2	2-1/4	1	2.18
60	7.380	35A60SS	A	23/32	2.10	35B60SS	B	3/4	1-1/2	2-1/4	1	3.00

* Hub has recessed groove allowing for chain clearance. For dimensions, please refer to catalogue # RCS2008
 Maximum bores shown, accommodate standard keyway with setscrew positioned over keyway.

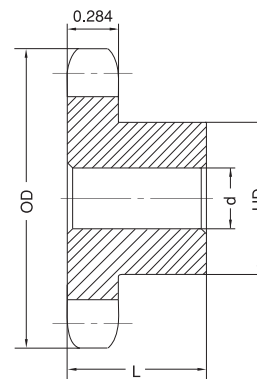
No. 40

STAINLESS STEEL

1/2" Pitch



Type A



Type B

Single Type A&B Stainless Steel

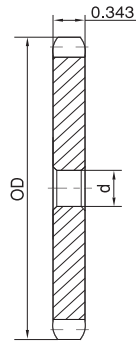
No. of Teeth	OD	Part No.	Type	d	App. Wt. (Lbs.)	Part No.	Type	d		HD	L	App. Wt. (Lbs.)
								Min.	Max.			
10	1.840					40B10SS	B	1/2	3/4	1-1/4*	7/8	0.26
11	2.000					40B11SS	B	1/2	13/16	1-3/8*	7/8	0.36
12	2.170					40B12SS	B	1/2	15/16	1-9/16*	7/8	0.44
13	2.330					40B13SS	B	1/2	1-1/16	1-9/16	7/8	0.50
14	2.490					40B14SS	B	1/2	1-1/8	1-11/16	7/8	0.60
15	2.650					40B15SS	B	5/8	1-1/4	1-13/16	7/8	0.65
16	2.810					40B16SS	B	5/8	1-3/8	2	7/8	0.82
17	2.980					40B17SS	B	5/8	1-7/16	2-1/8	1	1.06
18	3.140					40B18SS	B	5/8	1-1/2	2-5/16	1	1.24
19	3.300					40B19SS	B	5/8	1-3/4	2-1/2	1	1.42
20	3.460					40B20SS	B	5/8	1-7/8	2-5/8	1	1.60
21	3.620					40B21SS	B	5/8	1-7/8	2-3/4	1	1.68
22	3.780					40B22SS	B	5/8	1-7/8	2-7/8	1	1.81
23	3.940					40B23SS	B	5/8	2	3	1	2.10
24	4.100					40B24SS	B	5/8	2-1/4	3-1/4	1	2.20
25	4.260					40B25SS	B	5/8	2-1/4	3-1/4	1	1.84
26	4.420	40A26SS	A	19/32	1.31	40B26SS	B	5/8	2-1/4	3-1/4	1	2.40
28	4.740	40A28SS	A	19/32	1.35	40B28SS	B	5/8	2-1/4	3-1/4	1	2.75
30	5.060	40A30SS	A	19/32	1.39	40B30SS	B	5/8	2-1/4	3-1/4	1	2.88
35	5.860	40A35SS	A	19/32	1.92	40B35SS	B	5/8	2-1/4	3-1/4	1	3.32
40	6.650	40A40SS	A	23/32	2.36	40B40SS	B	3/4	2-3/8	3-1/2	1	4.28
45	7.450	40A45SS	A	23/32	3.13	40B45SS	B	3/4	2-3/8	3-1/2	1	4.66
60	9.840	40A60SS	A	23/32	5.50	40B60SS	B	3/4	2-3/8	3-1/2	1	7.00

* Hub has recessed groove allowing for chain clearance. For dimensions, please refer to catalogue # RCS2008
Maximum bores shown, accommodate standard keyway with setscrew positioned over keyway.

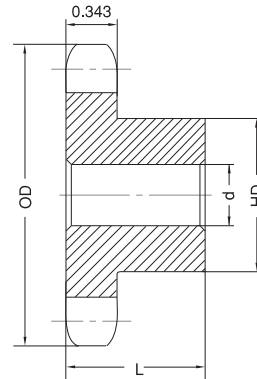
STAINLESS STEEL

No. 50

5/8" Pitch



Type A



Type B

Single Type A & B

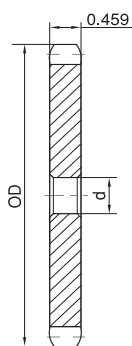
No. of Teeth	OD	Part No.	Type	d	App. Wt. (Lbs.)	Part No.	Type	d		HD	L	App. Wt. (Lbs.)
								Min.	Max.			
10	2.300					50B10SS	B	5/8	7/8	1-9/16*	1	0.5
11	2.500					50B11SS	B	5/8	1	1-3/4*	1	0.6
12	2.710					50B12SS	B	5/8	1-1/4	1-63/64*	1	0.7
13	2.910					50B13SS	B	5/8	1-5/16	1-7/8	1	0.8
14	3.110					50B14SS	B	5/8	1-7/16	2-1/8	1	1.0
15	3.320					50B15SS	B	5/8	1-1/2	2-3/8	1	1.3
16	3.520					50B16SS	B	5/8	1-3/4	2-1/2	1	1.5
17	3.720					50B17SS	B	5/8	1-7/8	2-11/16	1	1.8
18	3.920					50B18SS	B	5/8	1-7/8	2-7/8	1	2.0
19	4.120					50B19SS	B	5/8	1-3/4	2-1/2	1	2.3
20	4.320					50B20SS	B	3/4	1-3/4	2-1/2	1	2.5
21	4.520	50A21SS	A	23/32	1.4	50B21SS	B	3/4	2	3	1	2.7
22	4.720	50A22SS	A	23/32	1.6	50B22SS	B	3/4	2	3	1	3.3
23	4.920	50A23SS	A	23/32	1.7	50B23SS	B	3/4	2	3	1	3.8
24	5.120	50A24SS	A	23/32	1.8	50B24SS	B	3/4	2	3	1-1/4	4.1
25	5.320	50A25SS	A	23/32	1.9	50B25SS	B	3/4	2	3	1-1/4	4.3
26	5.520	50A26SS	A	23/32	2.1	50B26SS	B	3/4	2	3	1-1/4	4.6
28	5.920	50A28SS	A	23/32	2.5	50B28SS	B	3/4	2	3	1-1/4	5.0
30	6.320	50A30SS	A	23/32	2.7	50B30SS	B	3/4	2-1/4	3-1/4	1-1/4	5.2
35	7.320	50A35SS	A	23/32	3.7	50B35SS	B	3/4	2-1/4	3-1/4	1-1/4	6.5
40	8.320	50A40SS	A	23/32	4.7	50B40SS	B	3/4	2-1/4	3-1/4	1-1/4	7.8
45	9.310	50A45SS	A	23/32	6.0	50B45SS	B	3/4	2-1/2	3-3/4	1-1/4	8.5
60	12.300	50A60SS	A	15/16	10.8	50B60SS	B	1	2-1/2	3-3/4	1-1/4	14.0

*Hub has recessed groove allowing for chain clearance. For dimensions, please refer to catalogue # RCS2008
Maximum bores shown, accommodate standard keyway with setscrew positioned over keyway.

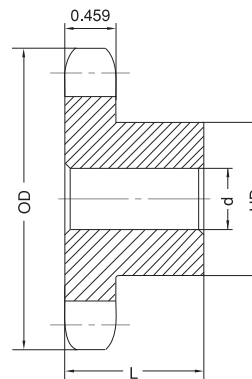
No. 60

3/4" Pitch

STAINLESS STEEL



Type A

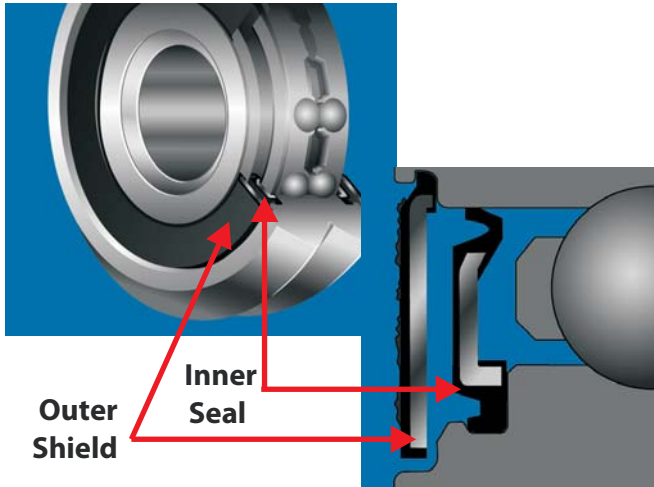
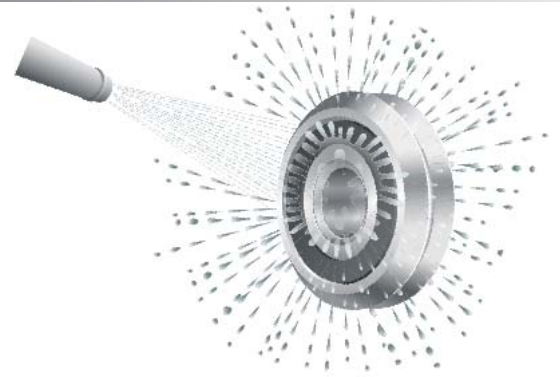


Type B

No. of Teeth	OD	Part No.	Type	d	App. Wt. (Lbs.)	Part No.	Type	d		HD	L	App. Wt. (Lbs.)
								Min.	Max.			
12	3.250					60B12SS	B	3/4	1-3/8	2-3/8*	1-1/4	1.5
13	3.490					60B13SS	B	3/4	1-1/2	2-11/32	1-1/4	1.8
14	3.740					60B14SS	B	3/4	1-3/4	2-9/16	1-1/4	2.0
15	3.980					60B15SS	B	3/4	1-7/8	2-7/8	1-1/4	2.4
16	4.220					60B16SS	B	3/4	2	3-1/16	1-1/4	2.8
17	4.460					60B17SS	B	3/4	2-1/4	3-1/4	1-1/4	3.3
18	4.700					60B18SS	B	3/4	2-3/8	3-1/2	1-1/4	3.8
19	4.950					60B19SS	B	3/4	2-3/8	3-1/2	1-1/4	4.0
20	5.190					60B20SS	B	3/4	2-5/8	3-7/8	1-1/4	4.6
21	5.430	60A21SS	A	3/4	2.5	60B21SS	B	3/4	2-3/4	4	1-1/4	5.0
22	5.670	60A22SS	A	3/4	2.7	60B22SS	B	3/4	2-3/4	4	1-1/4	5.3
23	5.910	60A23SS	A	3/4	3.0	60B23SS	B	3/4	2-3/4	4	1-1/4	5.7
24	6.150	60A24SS	A	23/32	3.1	60B24SS	B	3/4	2-3/4	4	1-1/4	5.9
25	6.390	60A25SS	A	23/32	3.3	60B25SS	B	3/4	2-3/4	4	1-1/4	6.1
26	6.630	60A26SS	A	23/32	3.8	60B26SS	B	3/4	2-3/4	4	1-1/4	6.3
28	7.110	60A28SS	A	23/32	4.2	60B28SS	B	3/4	2-3/4	4	1-1/4	6.7
30	7.590	60A30SS	A	23/32	4.7	60B30SS	B	3/4	2-3/4	4	1-1/4	7.0
35	8.780	60A35SS	A	15/16	6.9	60B35SS	B	1	2-3/4	4	1-1/4	9.0
40	9.980	60A40SS	A	15/16	8.3	60B40SS	B	1	2-3/4	4-1/4	1-1/4	11.7
45	11.180	60A45SS	A	15/16	10.6	60B45SS	B	1	2-3/4	4-1/4	1-1/4	14.5
60	14.760	60A60SS	A	1-1/4	18.0	60B60SS	B	1-1/4	2-3/4	4-1/4	1-3/4	25.0

* Hub has recessed groove allowing for chain clearance. For dimension, please refer to catalogue # RCS2008
 Maximum bores shown, accommodate standard keyway with setscrew positioned over keyway.

Washdown Wheels



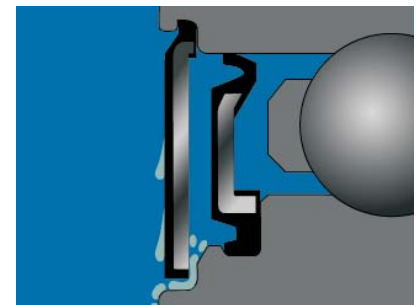
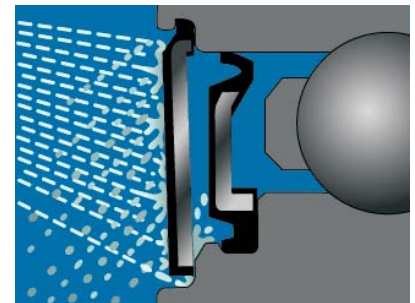
- Proven to extend life in harsh and extreme environments **at least 3x***
- **FDA approved** grease
- **AISI type 440C** stainless steel balls and races
- **Unique outer shield and inner seal** for exceptional protection from liquid and debris

How it works:

Patented Design

The overmolded metallic shield acts as a primary seal when subjected to a stream of high pressure washdown fluid. The pressure causes the shield to deflect, and the soft outer rubber layer compresses against the metallic surface of the wheel, forming a momentary seal that prevents the ingress of the liquids. The inner seal provides a secondary line of defense, keeping external fluids out of the wheel and retaining the internal lubrication grease; both important factors affecting the life of the wheel.

Once the stream is directed away from the wheel, the deflected shield returns to its original position, allowing any residual fluid that entered the area between the shield and seal to drain out or be spun out by centrifugal force.



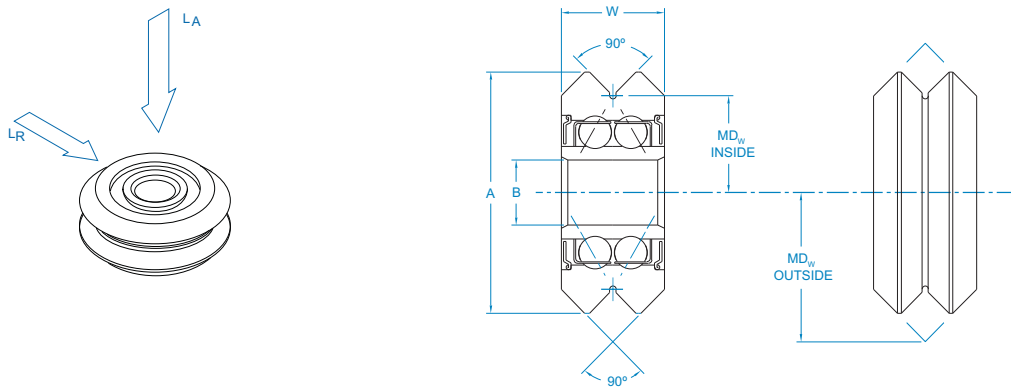
DualVee® Washdown Wheels protect against ingress of liquid making them ideally suited for food and beverage applications, as well as any high speed water jet cutting machinery. These applications typically require frequent bearing replacement due to the ingress of highly corrosive fluids and loss of lubrication. Bishop-Wisecarver's new DualVee® washdown wheels can **increase replacement intervals a minimum of three-fold**, and are interchangeable with standard vee wheels for ease of replacement.

Standard DualVee AISI type 420 stainless steel track complements the washdown wheel offering. Additional track surface treatments are also available for enhanced corrosion resistance.

*Bearing life is dependent on factors such as duty cycle, cleaning agents used, and frequency of washdown procedures. One equipment manufacturer **reports 6x life**, and still running.

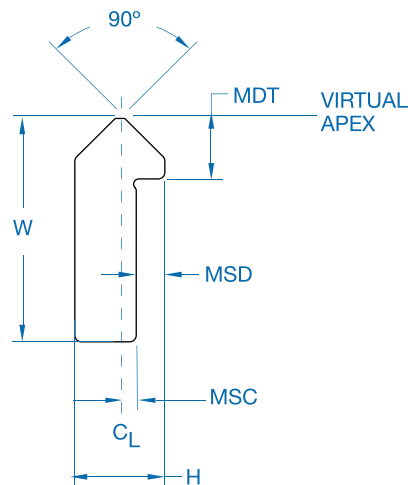
Part Number	Radial Load (N)	Radial Load (lbf)	Axial Load (N)	Axial Load (lbf)	Weight in Grams
WDW2SSX	2,420	544	400	89.9	37.8
WDW3SSX	5,200	1,169	580	130.4	128.3

Size	Outside Diameter A	Bore Size B (+.0000, -.0003 in)	Width W (+.0000, -.0047 in)	Inside Vee Radius MDw	Outside Vee Radius MDw
2	1.210	.3750	.438	.500	.719
3	1.803	.4724	.625	.750	1.063



Dual Vee Size	Width	Height	Mounting Shoulder Location	Mounting Shoulder to Center Line	Mounting Shoulder Depth	Weight
	W	H	MDT	MSC	MSD	(lbs./ft)
T1	.437	.187	.125	.031	.062	.183
T2	.625	.250	.187	.031	.094	.343
T3	.875	.343	.250	.062	.109	.690
T4	1.062	.437	.312	.093	.125	1.100

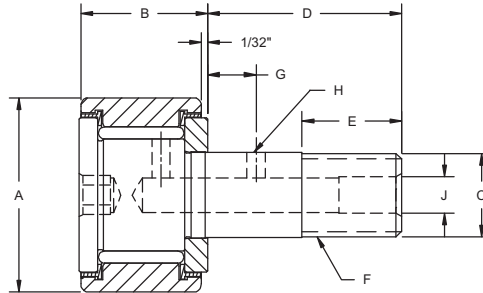
Values are in inches



Part Numbering

T_-SS-XX AISI 420 stainless steel running surface hardened to a minimum of Rc 40, polished and oiled
 TS_-SS-XX AISI 420 stainless steel running surface unhardened (Rc 20-22), as formed, oiled

Needle Bearing Cam Followers- Standard Stainless Steel



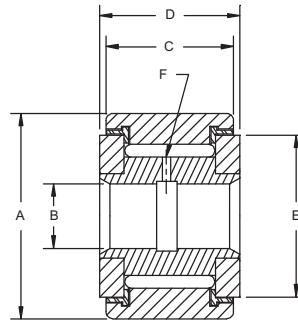
Hexed															
Part Number		Roller		Stud							Other Specs.				
Size	Sealed	Roller O.D +.000 -.001	Roller Width +.000 -.005	Stud Dia. +.001 -.000	Stud Length +.010 -.010	Min. Eff. Thread Length +.030 -.030	Thread Class 2A	Oil Hole Center	Oil Hole Dia.	Lube Fitting Size	Min. Boss Dia.	Recom. Bore +.0005 -.0000	**Recom. Torque Inch Pounds	Max. Static Capacity Pounds	Basic Dynamic Rating Pounds
1/2	SC-16-SB	.500	.375	.190	.625	.250	10-32	~	~	~	19/64	.1900	12	632	544
5/8	SC-20-SB	.625	.4375	.250	.750	.312	1/4-28	~	~	~	23/64	.2500	28	972	796
11/16	SC-22-SB	.6875	.4375	.250	.750	.312	1/4-28	~	~	~	23/64	.2500	28	972	796
3/4	SC-24-SB	.750	.500	.375	.875	.375	3/8-24	1/4	3/32	3/16	1/2	.3750	76	1652	1328
7/8	SC-28-SB	.875	.500	.375	.875	.375	3/8-24	1/4	3/32	3/16	1/2	.3750	76	1652	1328
1	SC-32-SB	1.000	.625	.4375	1.000	.500	7/16-20	1/4	3/32	3/16	5/8	.4375	200	2448	1780
1 1/8	SC-36-SB	1.125	.625	.4375	1.000	.500	7/16-20	1/4	3/32	3/16	5/8	.4375	200	2448	1780
1 1/4	SC-40-SB	1.250	.750	.500	1.250	.625	1/2-20	5/16	3/32	3/16	3/4	.5000	280	3400	3144
1 3/8	SC-44-SB	1.375	.750	.500	1.250	.625	1/2-20	5/16	3/32	3/16	3/4	.5000	280	3400	3144
1 1/2	SC-48-SB	1.500	.875	.625	1.500	.750	5/8-18	3/8	3/32	3/16	57/64	.6250	520	4572	3872
1 5/8	SC-52-SB	1.625	.875	.625	1.500	.750	5/8-18	3/8	3/32	3/16	57/64	.6250	520	4572	3872
1 3/4	SC-56-SB	1.750	1.000	.750	1.750	.875	3/4-16	7/16	3/32	3/16	1 3/64	.7500	1000	6336	5108
1 7/8	SC-60-SB	1.875	1.000	.750	1.750	.875	3/4-16	7/16	3/32	3/16	1 3/64	.7500	1000	6336	5108
2	SC-64-SB	2.000	1.250	.875	2.000	1.000	7/8-14	1/2	1/8	3/16	1 13/64	.8750	1200	8456	6472
2 1/4	SC-72-SB	2.250	1.250	.875	2.000	1.000	7/8-14	1/2	1/8	3/16	1 13/64	.8750	1200	8456	6472

Please call for availability on eccentric or crowned variations.

**Clamping torque is based on dry threads. If threads are lubricated, use half of values shown

Available from stock
 100% 440C Stainless Construction
 Food Grade Grease Standard
 Other lubricants are available.

Cam Yoke Rollers - Standard Stainless Steel



Cam Yoke Rollers Standard Stainless Steel										
Sealed										
Part Number		Roller				Other Specs.				
Size	Sealed	A Roller O.D. +.000 -.001	B Bore +.0002 -.0004	C Roller Width. +.000 -.005	D Total Width +.005 -.010	E Flange O.D. Ref.	F Oil Hole Dia.	Recom. Shaft Diameter +/- .0002	Max. Static Capacity Pounds	Basic Dynamic Rating Pounds
3/4	SY-24-S	.750	.250	.500	.5625	5/8	3/32	.2497	3304	1328
7/8	SY-28-S	.875	.250	.500	.5625	5/8	3/32	.2497	3304	1328
1	SY-32-S	1.000	.3125	.625	.6875	23/32	3/32	.3122	4896	1780
1 1/8	SY-36-S	1.125	.3125	.625	.6875	23/32	3/32	.3122	4896	1780
1 1/4	SY-40-S	1.250	.375	.750	.8125	1	3/32	.3747	6800	3144
1 3/8	SY-44-S	1.375	.375	.750	.8125	1	3/32	.3747	6800	3144
1 1/2	SY-48-S	1.500	.4375	.875	.9375	1 1/8	3/32	.4372	9024	3872
1 5/8	SY-52-S	1.625	.4375	.875	.9375	1 1/8	3/32	.4372	9024	3872
1 3/4	SY-56-S	1.750	.500	1.000	1.0625	1 1/4	3/32	.4997	12672	5180
1 7/8	SY-60-S	1.875	.500	1.000	1.0625	1 1/4	3/32	.4997	12672	5180
2	SY-64-S	2.000	.625	1.250	1.3125	1 1/2	3/32	.6247	12912	6472
2 1/4	SY-72-S	2.250	.625	1.250	1.3125	1 1/2	3/32	.6247	12912	6472

Please call for availability on crowned variations.

Available from stock
 100% 440C Stainless Construction
 Food Grade Grease Standard
 Other lubricants are available.

Thomson Food Grade FluoroNyliner Bushing Bearings



Thomson Food Grade FluoroNyliner Bushing Bearings are designed for use in food processing, pharmaceutical and medical applications. The corrosion resistant sleeve is stainless steel, while the self lubricating liner is FDA and USDA compliant. Because the bearing does not utilize ball bearings, it can be run on soft shafting such as Thomson "corrosion proof" 316 Stainless Steel or Ultra Light Aluminum LinearRace shafting, making the Food Grade FluoroNyliner excel in washdown applications.

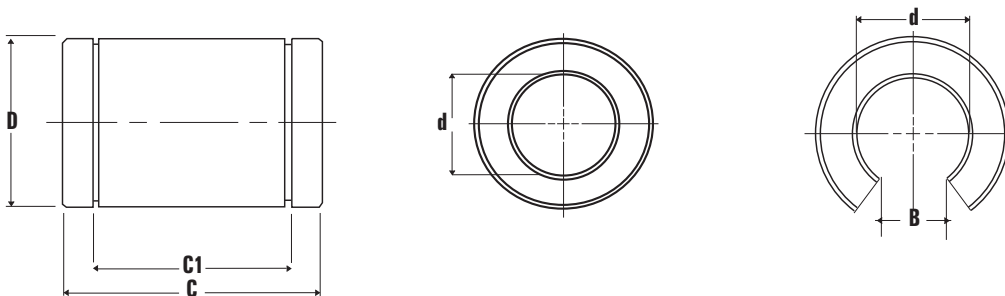
FluoroNyliner LinearRace® Options

Food Grade FluoroNyliner Bushing bearings can be combined with a wide range of corrosion resistant LinearRace options, depending on the application requirements:

- 440C Stainless Steel Corrosion resistant shafting with 50 HRC min case hardness
- 316 Stainless Steel "Corrosion proof" shafting with no carbon content
- Ultra Light Aluminum Hard anodized coated, light weight aluminum shafting
- Plated 60 Case Options include Hard Chrome, Thin Dense Chrome, and Black Oxide

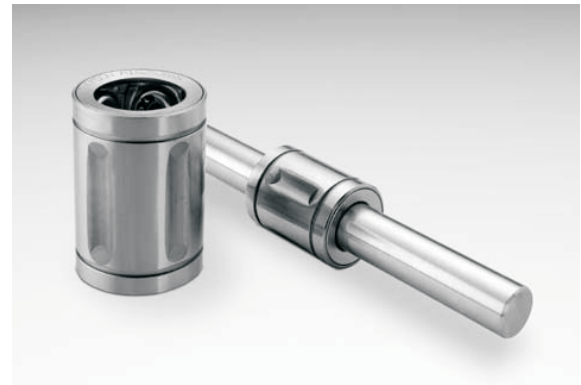
Food Grade FluoroNyliner Bushing Bearings Characteristics:

Maximum PV, continuous	10,000 psi ft/min
Maximum P, static	1,000 psi
Maximum V, no load	400 ft/min
Temperature Range	-400 F to 385 F
Shaft Finish, recommended	8-16 Ra
Coefficient of Friction	.12 - .20



Part Number		Nominal Diameter	Working Bore d	Outside Diameter D	Length C	Distance Between Retaining Rings C1	Slot Width Min B	Bearing Weight lbs
Closed Type	Open Type							
FNYBU06F	FNYBU06FOPN	.375	.3765/.3755	.6250/.6240	.875/.860	0.562	.156	.01
FNYBU08F	FNYBU08FOPN	.500	.5015/.5005	.8750/.8740	1.250/1.235	0.875	.312	.03
FNYBU10F	FNYBU10FOPN	.625	.6265/.6255	1.1250/1.1240	1.500/1.485	1.000	.375	.06
FNYBU12F	FNYBU12FOPN	.750	.7518/.7508	1.2500/1.2490	1.625/1.610	1.062	.438	.09
FNYBU16F	FNYBU16FOPN	1.000	1.0018/1.0008	1.5625/1.5615	2.250/2.235	1.625	.563	.13
FNYBU20F	FNYBU20FOPN	1.250	1.2518/1.2508	2.0000/1.9990	2.625/2.605	1.875	.625	.22
FNYBU24F	FNYBU24FOPN	1.500	1.5018/1.5008	2.3750/2.3735	3.000/2.980	2.250	.750	.22

Precision Stainless Steel Ball Bushing Bearings



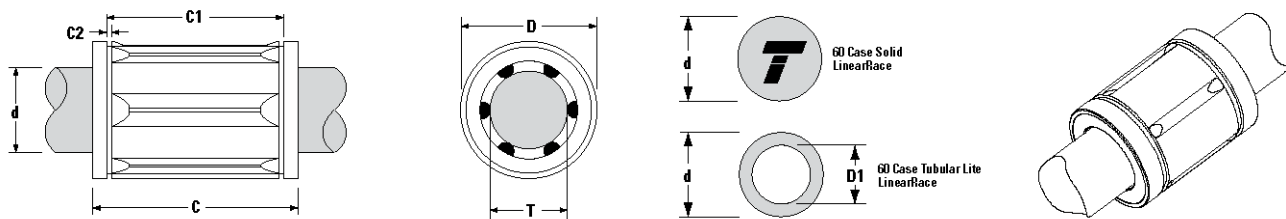
Ideal for harsh environments:

- Stainless steel (440) components resist rust and corrosion.
- "A" bearing withstands up to 600 degrees F (315°C).
- MultiTrac Ball Bushing bearings are rated at a maximum of 180 degrees F (82°C)
- MultiTrac has wear-resistant, engineered-polymer retainers to reduce inertia and noise levels.

High performance from superior design:

- A coefficient of friction as low as 0.001. This allows the use of smaller less expensive motors, belts, gears and ball screws, when replacing high friction, plain bearings.
- Steady state travel speeds up to 10 ft/s (3 m/s) and accelerations to 450 ft/s² (150 m/s²) without the use of derating factors.
- Adjustable, closed and open configurations.
- MultiTrac only: offers a patented multiple-track design with up to twice the load carrying capacity, or 8 times the life, of conventional linear bearings. Patented ball control technology which eliminates binding and chatter (stick-slip) common to high friction, plain bushings and sliding-way bearings.

(Closed Type) for End Supported Applications



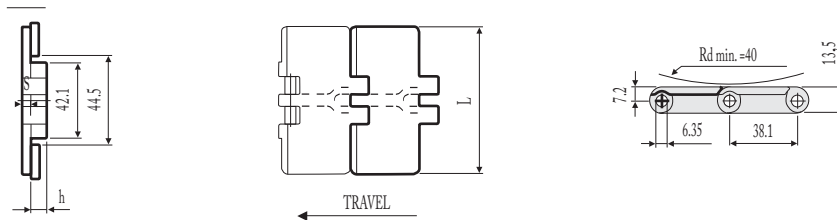
Precision Steel Ball Bushing Bearings (Closed Type) and 60 Case LinearRace*

(Dimensions in inches)

Part Number		60 Case Linear Race	Nominal Diameter	Length C	Distance Between Retaining Grooves C1	Retaining Ring Groove Min. C2	Number Of ball Circuits	⊘ D	60 Case Solid Linear Race Mass Lb/in	60 Case Tubular Lite Linear race ⁽³⁾ Mass Lb/in	60 Case Tubular Lite Linear race ⁽³⁾ ID ⊘ D1
w/o Seals	with Seals										
A-4812-SS	—	1/4 S	.250	.750/.735	.515/.499	.039	3	.5000/.4996	.01	—	—
A-61014-SS	—	3/8 S	.375	.875/.860	.640/.624	.039	4	.6250/.6246	.03	—	—
A-81420-SS	A-81420-SS-DD	1/2 S	.500	1.250/1.235	.967/.951	.046	4	.8750/.8746	.06	—	—
A-101824-SS	—	5/8 S	.625	1.500/1.485	1.108/1.092	.056	4	1.1250/1.1246	.09	—	—
A-122026-SS	A-122026-SS-DD	3/4 S	.750	1.625/1.610	1.170/1.154	.056	5	1.2500/1.2496	.13	.08	.46/.41
A-162536-SS	A-162536-SS-DD	1 S	1.000	2.250/2.235	1.759/1.741	0.68	5	1.5625/1.5621	.22	.16	.62/.56

Part Number		Working Bore Diameter T	Recommended Housing Bore		60 Case LinearRace Diameter ⊘ d	Precision Steel Ball Bushing Bearing/ LinearRace Fit Up ‡	Precision Steel Ball Bushing Bearing Mass lb	Dynamic Load Capacity W lb _f ^{(1) (2)}
w/o Seals	with Seals		Normal Fit	Press Fit				
A-4812-SS	—	.2500/.2495	.5005/.5000	.4995/.4990	.2490/.2485	.0015C/.0005C	.02	13
A-61014-SS	—	.3750/.3745	.6255/.6250	.6245/.6240	.3740/.3735	.0015C/.0005C	.06	26
A-81420-SS	A-81420-SS-DD	.5000/.4995	.8755/.8750	.8745/.8740	.4990/.4985	.0015C/.0005C	.08	60
A-101824-SS	A-101824-SS-DD	.6250/.6245	1.1255/1.1250	1.1245/1.1240	.6240/.6235	.0015C/.0005C	.16	105
A-122026-SS	A-122026-SS-DD	.7500/.7495	1.2505/1.2500	1.2495/1.2490	.7490/.7485	.0015C/.0005C	.21	140
A-162536-SS	A-162536-SS-DD	1.000/.9995	1.5630/1.5625	1.5620/1.5615	.9990/.9985	.0015C/.0005C	.38	245

* Trademark of Danaher Motion. DANAHER MOTION is registered in the U.S. Patent and Trademark Office and in other countries.



820 D

Acetal Resin

* Plates in self-lubricating acetal resin, light grey-coloured.

* Pins in special chrome-nickel stainless steel, work hardened for high resistance.

Chain Ref	Material	Width L mm.	Thickness S mm.	Height h mm.	Weight Kg/m
D820 - K250	DAcetal resin (Lightgrey)	63.5	4	9.5	0.73
D820 - K325		82.5			0.83
D820 - K343		87.0			0.85
D820 - K350		88.9			0.87
D820 - K400		101.6			0.95
D820 - K450		114.3			1.03
D820 - K600		152.4			1.25
D820 - K750		190.5			1.47

- Standard shipping lengths = 80 pitches = 10 feet = 3.048 meters.

- The above mentioned chains can also be produced in acetal resin, white coloured.

- These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

Other sizes available in plastic:

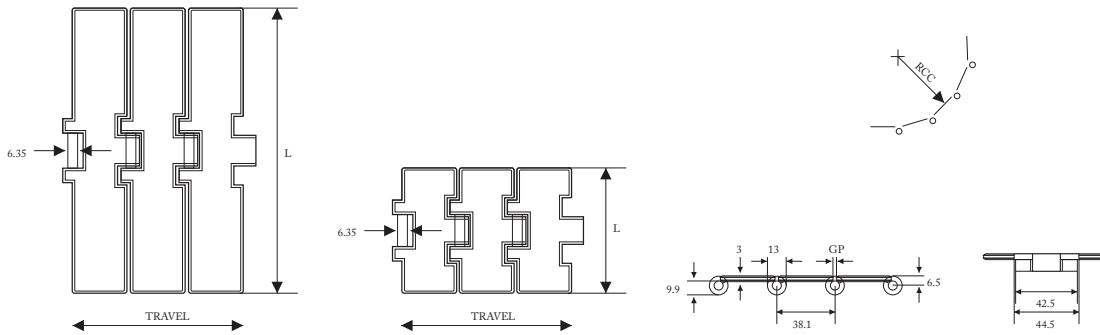
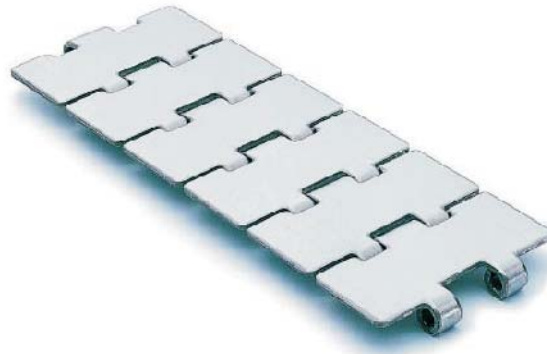
Straight Running

831 series 2-1/2" to 7-1/2"

Side Flexing

880 series 2-1/2" to 7-1/2" (also available with tabs)

882 series 4-1/2" to 12" (also available with tabs)



* Ferritic, AISI 430 stainless steel slats, work hardened, with shiny surface having low roughness.

* AISI 431 stainless steel pins, magnetic and work hardened for high resistance.

Chain ref.	Material	L=Slat width		Hardness HRC	GP mm	RCC mm	Weight per metre Kg/m
		mm	"				
SS 812 K225	Ferritic AISI SS430	57.1	2 1/4	20	1.6	150	2.18
SS 812 K250		63.5	2 1/2	20	1.6	150	2.25
SS 812 K275		69.9	2 3/4	20	1.6	150	2.35
SS 812 K300		76.2	3	20	1.6	150	2.50
SS 812 K325		82.5	3 1/4	20	1.6	150	2.65
SS 812 K400		101.6	4	20	1.6	150	3.00
SS 812 K450		114.3	4 1/2	20	1.6	150	3.30
SS 812 K600		152.4	6	20	1.6	150	4.20
SS 812 K750		190.5	7 1/2	20	1.6	150	5.10

Standard shipping lengths = 80 pitches = 10 feet = 3.048 meters.

Other sizes available in stainless steel

Straight Running

815 series 2-1/4" to 7-1/2" (same dimension as 812, but in 304 st.st)

Side Flexing

881 series 2-1/4" to 7-1/2" (also available with tabs)

Stainless Linear Way L

Model: LWL...B, LWLF...B

Stainless Linear Way L is a miniature and lightweight Linear Way. The ball retaining type slide units are easy to handle, because steel balls do not fall off.

The standard type LWL...B, and the wide rail type LWLF...B which is suitable for single row track rail arrangement are available. For each of these types, the short type, standard type, and high rigidity long type are also available.

From among abundant type and size variations, an optimal model can be selected for each application. Stainless Linear Way L is most suitable for miniature guide mechanisms in medical equipment, disk read devices, semiconductor manufacturing equipment, etc.



Stainless Linear Way E

Model: LWE...SL

Stainless Linear Way E is a new Linear Way with a compact slide unit. This series can be used to achieve space saving and design freedom with its abundant variations.

"Lower, narrower, and shorter" Compactness has been pursued in every dimension. The length of standard type slide unit is shortened to about 86% (average value in comparison with standard type Linear Way H). In addition, short type and high rigidity long type slide units are also available to meet diversified needs.

Stainless Linear Way E featuring high accuracy, large load capacity, and good load balance is widely used as linear motion rolling guides in machines and equipment.



Stainless Linear Way H

Model: LWH...SL

In the popular Linear Way series, Stainless Linear Way H is a high rigidity type that can support large complex loads. In addition to the standard flange type, various types such as the block type with a narrow width and the compact block type with a lower sectional height are also available.

Stainless Linear Way H, which provides stable and smooth linear motion with high accuracy, is widely used in machines and equipment such as machine tools, industrial robots, assemblers, and inspection equipment, and its excellent performance has been proved in the fields.

