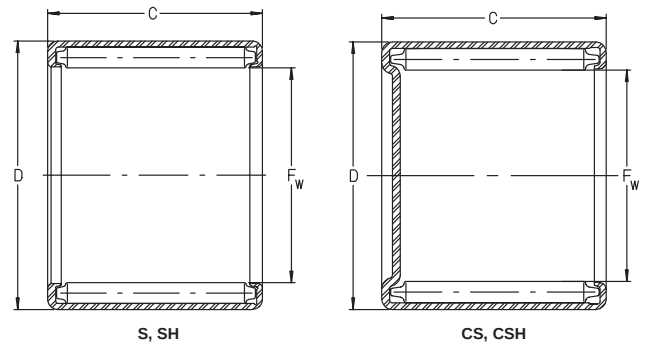


Full Complement Shell Bearings

MECHANICALLY RETAINED SERIES

- Drawn cup
- Open or closed end



PART NUMBER	SHAFT F _w inch	SHAFT F _w mm	OD D inch	OD D mm	WIDTH C inch	WIDTH C mm	WGT. lbs	WGT. g	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	SPEED LIMIT rpm
S44	0.250	6.350	0.438	11.112	0.250	6.350	0.004	2	600	2650	570	2550	15,000
S45	0.250	6.350	0.438	11.112	0.313	7.938	0.007	3	820	3650	880	3900	15,000
S55	0.313	7.938	0.500	12.700	0.313	7.938	0.007	3	940	4200	1,100	4900	12,500
S57	0.313	7.938	0.500	12.700	0.438	11.112	0.011	5	1,420	6300	1,870	8300	12,500
CS59	0.313	7.938	0.500	12.700	0.563	14.288	0.015	7	1,870	8300	2,700	11900	12,500
S66	0.375	9.525	0.563	14.288	0.375	9.525	0.011	5	1,300	5800	1,780	7900	10,700
S78	0.438	11.112	0.625	15.875	0.500	12.700	0.018	8	2,230	9900	3,150	14100	9,400
S810	0.500	12.700	0.688	17.462	0.625	15.875	0.024	11	2,700	12000	4,850	21600	8,300
S85	0.500	12.700	0.688	17.462	0.313	7.938	0.021	10	1,370	6100	1,780	7900	8,400
S88	0.500	12.700	0.688	17.462	0.500	12.700	0.020	9	2,180	9700	3,650	16300	8,400
S98	0.563	14.288	0.750	19.050	0.500	12.700	0.020	9	2,300	10230	4,050	18014	7,500
S1012	0.625	15.875	0.813	20.638	0.750	19.050	0.035	16	3,650	16300	7,600	34000	6,800
S108	0.625	15.875	0.813	20.638	0.500	12.700	0.022	10	2,450	10900	4,550	20300	6,800
S116	0.688	17.462	0.875	22.225	0.375	9.525	0.020	9	2,050	9100	3,250	14400	6,300
S1110	0.688	17.463	0.875	22.225	0.625	15.880	0.031	14	3,200	14200	6,700	30000	6,300
S1112	0.688	17.463	0.875	22.225	0.750	19.050	0.037	17	3,850	17100	8,400	37500	6,300
S1210	0.750	19.050	1.000	25.400	0.625	15.875	0.044	20	4,000	17700	7,000	31000	5,600
CS1210	0.750	19.050	1.000	25.400	0.625	15.875	0.044	20	4,000	17700	7,000	31000	5,600
S1212	0.750	19.050	1.000	25.400	0.750	19.050	0.055	25	4,800	21350	8,900	39500	5,600
S128	0.750	19.050	1.000	25.400	0.500	12.700	0.035	16	3,200	14300	5,200	23100	5,600
S1316	0.813	20.638	1.063	26.988	1.000	25.400	0.079	36	7,300	32500	13,700	61000	5,200
CS1316	0.813	20.638	1.063	26.988	1.000	25.400	0.079	36	7,300	32500	13,700	61000	5,200
S138	0.813	20.638	1.063	26.988	0.500	12.700	0.040	18	3,000	13400	4,900	21700	5,200
S1412	0.875	22.225	1.125	28.575	0.750	19.050	0.064	29	5,000	22300	8,800	39000	4,900
S148	0.875	22.225	1.125	28.575	0.500	12.700	0.040	18	3,650	16300	5,800	26000	4,900
CS1516	0.938	23.812	1.188	30.162	1.000	25.400	0.084	38	7,500	33500	14,800	66000	4,600
S1612	1.000	25.400	1.250	31.750	0.750	19.050	0.071	32	5,500	24600	11,900	53000	4,300
S168	1.000	25.400	1.250	31.750	0.500	12.700	0.044	20	3,600	15900	6,700	30000	4,300
SH1612	1.000	25.400	1.314	33.380	0.750	19.050	0.088	40	6,900	30500	11,100	49500	4,250
SH1616	1.000	25.400	1.314	33.380	1.000	25.400	0.108	49	8,900	39500	15,700	70000	4,250
S1710	1.063	26.988	1.313	33.338	0.625	15.875	0.062	28	4,750	21100	9,900	44000	4,100
S1812	1.125	28.575	1.375	34.925	0.750	19.050	0.079	36	6,500	29000	13,300	59000	3,900
S2012	1.250	31.750	1.500	38.100	0.750	19.050	0.086	39	6,300	28000	14,800	66000	3,500
S2016	1.250	31.750	1.500	38.100	1.000	25.400	0.117	53	8,200	36500	20,900	93000	3,500
S2212	1.375	34.925	1.625	41.275	0.750	19.050	0.095	43	6,400	28500	16,000	71000	3,200
S2220	1.375	34.925	1.625	41.275	1.250	31.750	0.159	72	10,300	46000	30,000	133000	3,200
S2416	1.500	38.100	1.875	47.625	1.000	25.400	0.207	94	10,700	47500	2,410	10700	2,850
S2610	1.625	41.275	2.000	50.800	0.625	15.875	0.130	59	6,500	29000	12,400	55000	2,650
S268	1.625	41.275	2.000	50.800	0.500	12.700	0.088	40	7,300	32500	12,400	55000	2,650
S2812	1.750	44.450	2.125	53.975	0.750	19.050	0.175	80	8,100	36000	16,900	75000	2,490
S2824	1.750	44.450	2.125	53.975	1.500	38.100	0.375	170	18,900	84000	44,000	196000	2,490
S3016	1.875	47.625	2.250	57.150	1.000	25.400	0.256	116	13,500	60000	28,500	126000	2,340
S308	1.875	47.625	2.250	57.150	0.500	12.700	0.115	52	5,700	25500	9,600	42500	2,340
S3216	2.000	50.800	2.375	60.325	1.000	25.400	0.267	121	12,400	55000	30,500	136000	2,200
S3624	2.250	57.150	2.625	66.675	1.500	38.100	0.084	38	19,600	87000	56,000	250000	1,970
S4216	2.625	66.675	3.000	76.200	1.000	25.400	0.353	160	14,400	64000	40,000	177000	1,700