

RING NO.	SHAFT DIAMETER				GROOVE SIZE					RING SIZE & WEIGHT				CLEAR. L2	THRUST LD.(lbs.)		
					DIAMETER		WIDTH		DEPTH	FREE DIAMETER		THICKNESS***			Re-leased over shaft	Sqr. corner abutment	Groove Safety factor of 2
	D _s DEC		D _s FRACT	D _s mm	D _g	Tol.	W	Tol.	d	D _f	Tol.	T	Tol.	Weight Per 1000 Pcs. lbs.		Pr	
	FROM	TO													Allow-able load (lbs.)		Groove Safety factor of 2
SHF-6	.058	.060	-	1.5	not recommended for use with grooves					.055	+ .002	.015	± .002	.030	.21	5	not recommended for use with grooves
SHF-7	.078	.080	5/64	2.0						.074	- .003	.025		.08	.24	8	
SHF-9	.092	.096	3/32	2.4						.089		.025		.10	.26	8	
SHF-12	.123	.127	1/8	3.2						.120		.025	.24	.33	10		
SHF-15	.154	.158	5/32	4.0						.150	+ .002	.025	.30	.36	12		
SHF-18	.185	.189	3/16	4.8						.181	- .004	.035	.55	.44	20		
SHF-19	.195	.199	-	5.0						.187	± .003	.032	.45	.43	30		
SHF-23	.234	.238	15/64	6.0	.228	+ .0005	.041	+ .003	.004	.224		.035	± .003	.76	.48	22	70
SHF-25	.248	.252	1/4	6.3	.240	- .0015	.041	- .000	.005	.238	+ .002-.004	.035		.74	.49	23	90
SHF-31	.310	.316	5/16	7.9	.303		.048		.005	.298		.042		1.39	.68	25	110
SHF-37	.373	.379	3/8	9.5	.361	+ .001	.048	+ .004	.007	.354	+ .003	.042		1.72	.74	31	180
SHF-43	.434	.440	7/16	11.0	.419	- .002	.056	- .000	.009	.412	- .005	.050		2.61	.81	41	290
SHF-50	.497	.503	1/2	12.7	.478		.056		.011	.470	+ .004	.050		2.91	.90	46	390
SHF-62	.622	.628	5/8	15.9	.599		.069		.013	.593	- .006	.062	± .004	5.70	1.06	61	570
SHF-75	.745	.755	3/4	19.0	.718	+ .002-.003	.069		.016	.706		.062		6.88	1.32	66	850

† VALUES SHOWN APPLY TO RINGS INSTALLED ON A SHAFT MADE OF LOW CARBON STEEL.

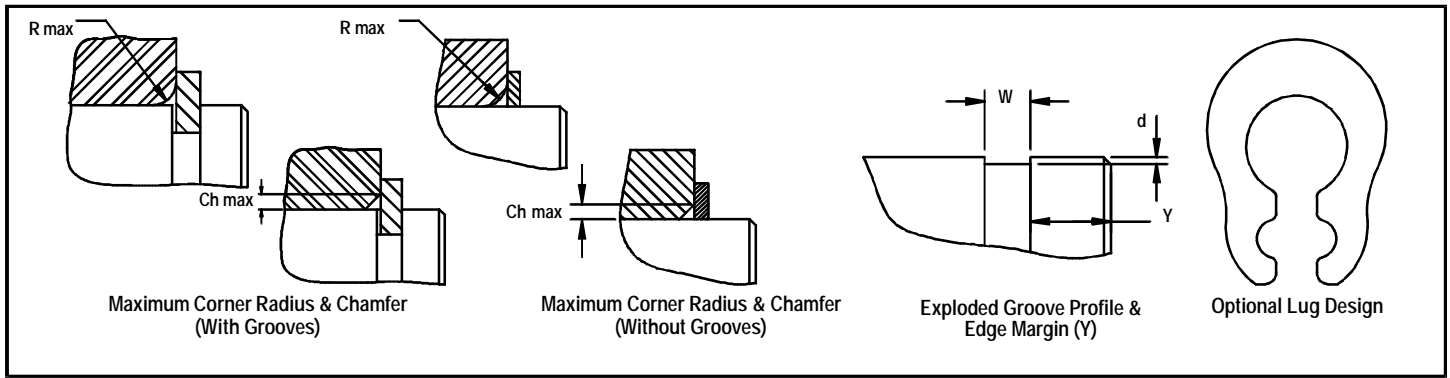
FOR AN EXPLANATION OF FORMULAS USED TO DERIVE THRUST LOAD AND OTHER PERFORMANCE DATA, CONTACT THE ROTOR CLIP ENGINEERING DEPARTMENT.

***FOR PLATED RINGS, ADD .002" TO THE LISTED MAXIMUM THICKNESS.

MAXIMUM RING THICKNESS (WHEN USED IN GROOVE) WILL BE A MINIMUM OF .0002" LESS THAN THE LISTED GROOVE WIDTH (W) MINIMUM.

For a technical concern,
Please ask for our Technical Sales Department.

1-800-55-ROTOR



RING NO.	ALLOWABLE CORNER RADII & CHAMFERS		EDGE MARGIN	LUG		HOLE		RING HGHT.	R.P.M. LIMITS Standard material
	R max	Ch max		Y	H	Tol.	R		
SHF-6	.025	.015	NOT	.066	±.005	.035		.145	OVER 80000
SHF-7	.036	.022	RECOM-	.071	±.003	.034	±.004	.184	
SHF-9	.042	.025	MENDED	.074		.034		.207	
SHF-12	.054	.032	FOR USE	.078	.042	+0.010	.268		
SHF-15	.059	.035	WITH	.078	.042	-0.002	.307		
SHF-18	.063	.038	GROOVES	.097	.051		.364		
SHF-19	.064	.039		.104	±.008	.051	±.004	.375	
SHF-23	.070	.042	.030	.098	±.003	.051		.422	
SHF-25	.072	.043	.030	.097	±.004	.051	+0.010 -0.002	.437	
SHF-31	.080	.048	.030	.141		.078		.553	
SHF-37	.086	.051	.030	.141	±.004	.078	+0.015 -0.002	.620	
SHF-43	.093	.056	.030	.151		.078		.701	44000
SHF-50	.100	.060	.040	.158		.078		.768	
SHF-62	.120	.072	.045	.180		.078		.948	
SHF-75	.125	.075	.050	.233		.120		1.115	

LARGER SIZES MAY BE AVAILABLE UPON REQUEST.

TABLE 1: HARDNESS RANGES-ROTOR CLIP
STAINLESS STEEL RINGS (PH 15-7 MO)

RING	SIZE RANGE	SCALE	ROCKWELL HARDNESS
SHF	9	15N	82.5-86
	12-18	30N	63-69.5
	25& over	C	44-51

TABLE 2: HARDNESS RANGES-ROTOR CLIP
BERYLLIUM COPPER RINGS

RING	SIZE RANGE	SCALE	ROCKWELL HARDNESS
SHF	9	15N	77-82
	12-18	30N	54-62
	25& over	C	34-43

TABLE 3: HARDNESS RANGES-ROTOR CLIP
CARBON STEEL RINGS (SAE 1060-1090)

RING	SIZE RANGE	SCALE	ROCKWELL HARDNESS
SHF	6-9	15N	83.5-86
	11-23	30N	65-69.5
	25& over	C	46-51