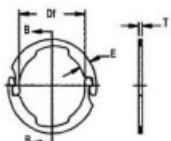
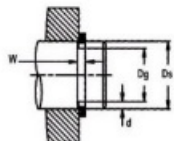


Shaft			Groove Size					Ring Size & Weight					Clearance	Thrust Ld.(lbs)	Sqr.Comer Abutment	
Diameter			Diameter		Width		Depth	Free Diameter		Thickness		Weight Per 1000 Pcs	In stalled in groove	Ring Safet: factor of 5	Groove Safet: factor of 2	
Ds DEC	Ds FRACT	Ds mm	Dg	Tol	w	Tol	d	df	Tol	T	Tol	lbs	L2	Pr	Pg	
0.469	15/32	11.9	0.419	<u>+0.0015</u> 0.004	0.039	+0.0039 0.000	0.025	0.414	<u>+0.0002</u>	0.035	± 0.002	1.36	0.64	2030	620	
0.500	1/2	12.7	0.464		0.039		0.018	0.459		0.035		1.5	0.68	2132	480	
0.594	19/32	15.1	0.544		0.039		0.025	0.538		0.035		1.74	0.766	2538	790	
0.625	5/8	15.9	0.575		0.039		0.025	0.569		0.035		1.82	0.797	2690	830	
0.669	-	17.0	0.599	<u>+0.002</u> 0.004	0.046	+0.0004 0.000	0.035	0.593	<u>+0.0003</u>	0.042		3.1	0.886	3400	1250	
0.750	3/4	19.0	0.680		0.046		0.035	0.673		0.042		3.50	0.967	3806	1400	
0.781	25/32	19.8	0.711		0.046		0.035	0.703		0.042		3.6	0.998	4009	1450	
0.875	7/8	22.2	0.805		0.046		0.035	0.796		0.042		3.8	1.092	4466	1600	
0.984	63/64	25.0	0.872	<u>+0.003</u> 0.004	0.056		+0.0005 0.000	0.056	0.863	<u>+0.0004</u>		0.05	7.3	1.273	5938	2900
1.000	1	25.4	0.872		0.056			0.064	0.863			0.05	7.3	1.273	5938	3400
1.125	1-1/8	28.6	1.013	<u>+0.003</u> 0.005	0.056			0.056	1.002	<u>+0.0005</u>		0.05	7.9	1.42	6801	3350
1.188	1-3/16	30.2	1.075		0.056			0.056	1.064			0.05	8.5	1.48	7207	3500
1.250	1-1/4	31.7	0.138		0.056			0.056	1.126			0.05	8.9	1.54	7562	3700
1.375	1-3/8	34.9	1.263		0.056			0.056	1.250			0.05	9.6	1.67	8323	4100
1.500	1-1/2	38.1	1.388	<u>+0.005</u> 0.005	0.056	+0.0005 0.000		0.056	1.374	<u>+0.0005</u>		0.05	10.6	1.79	9084	4450
1.562	1-9/16	39.7	1.427		0.068			0.068	1.412		0.062	16.4	1.91	11926	5650	
1.625	1-5/8	41.3	1.489		0.068			0.068	1.474		0.062	17.5	1.97	12434	5850	
1.750	1-3/4	44.4	1.614		0.068			0.068	1.597		0.062	18.4	2.10	13398	6300	
1.772	-	45.0	1.614	<u>+0.005</u> 0.005	0.068			0.078	1.597	<u>+0.0005</u>	0.062	18.4	2.1	13398	7350	
1.875	1-7/8	47.6	1.739		0.068			0.068	1.721		0.062	20.8	2.22	14312	6800	
1.969	1-31/32	50.0	1.797		0.086			0.086	1.779	<u>+0.0006</u>	0.078	31.0	2.37	18524	9000	
2.000	2	50.8	1.828		0.086			0.086	1.809		0.078	31.6	2.4	18778	9150	
2.125	2-1/8	54.0	1.953	<u>+0.005</u> 0.006	0.086			0.086	1.933		<u>+0.0006</u>	0.078	34.2	2.52	19996	9700
2.156	2-5/32	54.8	1.953		0.086			0.101	1.933			0.078	34.2	2.52	19996	11500
2.25	2-1/4	57.1	2.078		0.086			0.086	2.057	0.078		37.3	2.65	21112	10300	
2.375	2-3/8	60.3	2.203		0.086			0.086	2.180	0.078		38.9	2.77	22330	10800	
2.5	2-1/2	63.5	2.328	<u>+0.005</u> 0.006	0.086			+0.0005 0.000	0.086	2.304	<u>+0.0006</u>	0.078	39.7	2.9	23548	11400
2.625	2-5/8	66.7	2.453		0.086		0.086		2.428	0.078		43.9	3.02	24665	12000	
2.75	2-3/4	69.8	2.544		0.103		0.103		2.518	<u>+0.0006</u>		0.093	63.2	3.25	30653	15000
2.875	2-7/8	73.0	2.669		0.103	0.103	2.642		0.093			68.4	3.37	32074	15700	
3.000	3	76.2	2.794	<u>+0.006</u> 0.006	0.103	0.103	2.754		0.093		70.4	3.5	33495	16400		
3.25	3-1/4	82.5	3.044		0.103	0.103	3.013		0.093		77.6	3.75	36286	17800		
3.375	3-3/8	85.7	3.145		0.120	0.115	3.114		0.109		94.0	3.99	44153	20600		

Free Diameter & Ring
Measurements with section B-BShaft Diameter &
Groove Dimensions

Plier Notch Design

Clearance Diameter
Installed in Groove