



SIZE CODE	Shaft		GROOVE (G)						CIRCLIP (F)						Wt. (kg / 1000)	Tc (N)	Tg (N)				
	S	G	Tol.	W	Tol.	h (min.)	d ²	t	Tol.	D	Tol.	C	C1	L (max)				b ²	h (min)		
1400-3	3	2.8		0.5		0.3	0.1	0.4		2.7		7	6.6	1.9	0.8	1	0.02	660	110		
1400-4	4	3.8		0.7		0.3	0.1	0.4		3.7		8.6	8.2	2.2	0.9	1	0.03	0.022	1600	150	
1400-5	5	4.8	(+0.00 (-) 0.048	0.5		0.3	0.1	0.4		4.7		10.3	9.8	2.5	1.1	1	0.08	0.066	2900	190	
1400-6	6	5.7		0.8		0.5	0.15	0.7		5.6		11.7	11.1	2.7	1.3	1.2	0.13	0.084	4100	340	
1400-7	7	6.7		0.9		0.5	0.15	0.8		6.5		13.5	12.9	3.1	1.4	1.2	0.18	0.121	5500	400	
1400-8	8	7.6	(+0.00 (-) 0.06	1.1		0.6	0.2	1.0		7.4		14.7	14	3.2	1.5	1.2	0.2	0.158	6200	600	
1400-9	9	8.6		1.1		0.6	0.2	1.1		8.4		16	15.2	3.3	1.7	1.2	0.32	0.3	8800	680	
1400-10	10	9.6		1.1		0.6	0.2	1.1		9.3		17	16.2	3.3	1.8	1.5	0.4	0.34	9700	750	
1400-11	11	10.5		1.1		0.8	0.25	1.1		10.2		18	17.1	3.3	1.8	1.5	0.41	0.41	10700	1040	
1400-12	12	11.5		1.1		0.8	0.25	1.1		11		19	18.1	3.3	1.8	1.7	0.45	0.5	11700	1130	
1400-13	13	12.4		1.1		0.9	0.3	1.1		11.9		20.2	19.2	3.4	2	1.7	0.52	0.53	12700	1470	
1400-14	14	13.4		1.1		0.9	0.3	1.1		12.9		21.4	20.4	3.5	2.1	1.7	0.56	0.64	13600	1580	
1400-15	15	14.3	(+0.00 (-) 0.11	1.1		1.1	0.35	1.1		13.8		22.5	21.5	3.6	2.2	1.7	0.62	0.67	14600	1980	
1400-16	16	15.2		1.1		1.2	0.4	1.1		14.7		23.8	22.6	3.7	2.2	1.7	0.69	0.7	15600	2410	
1400-17	17	16.2		1.1		1.2	0.4	1.1		15.7		25	23.8	3.8	2.3	1.7	0.77	0.82	16600	2560	
1400-18	18	17		1.3		1.5	0.5	1.2		16.5		26.2	24.8	3.9	2.4	2	0.99	1.11	21000	3390	
1400-19	19	18		1.3		1.5	0.5	1.2		17.5		27.2	25.8	3.9	2.5	2	1.1	1.22	22200	3580	
1400-20	20	19		1.3		1.5	0.5	1.2		18.5		28.4	27	4	2.6	2	1.18	1.3	23400	3770	
1400-21	21	20		1.3		1.5	0.5	1.2		19.5		29.6	28.2	4.1	2.7	2	1.26	1.42	24500	3960	
1400-22	22	21		1.3		1.5	0.5	1.2		20.5		30.8	29.4	4.2	2.8	2	1.39	1.5	25700	4150	
1400-23	23	22		1.3		1.5	0.5	1.2		21.5		32	30.6	4.3	2.9	2	1.54	1.63	26900	4340	
1400-24	24	23		1.3		1.7	0.55	1.2		22.2		33.2	31.7	4.4	3	2	1.72	1.77	28000	4530	
1400-25	25	23.9		1.3		1.7	0.55	1.2		23.2		34.2	32.7	4.4	3	2	1.7	1.9	29200	5180	
1400-26	26	24.9		1.3		1.7	0.55	1.2		24.2		35.5	33.9	4.5	3.1	2	1.75	1.96	30400	5390	
1400-27	27	25.6		1.6		2.1	0.7	1.2		24.9		36.7	34.8	4.6	3.1	2	1.89	2.08	31600	7130	
1400-28	28	26.6	(+0.00 (-) 0.21	1.6		2.1	0.7	1.5		25.9		37.9	36	4.7	3.2	2	2.47	2.92	40900	7390	
1400-29	29	27.6		1.6		2.1	0.7	1.5		26.9		39.1	37.2	4.8	3.4	2	2.75	3.2	42400	7650	
1400-30	30	28.6		1.6		2.1	0.7	1.5		27.9		40.5	38.6	5	3.5	2	2.93	3.32	43800	7920	
1400-31	31	29.3		1.6		2.6	0.85	1.5		28.6		41.7	40.9	5.1	3.5	2.5	3.45	3.45	45700	10300	
1400-32	32	30.3		1.6		2.6	0.85	1.5		29.6		43	40.7	5.2	3.6	2.5	3.02	3.34	46700	10600	
1400-33	33	31.3		1.6		2.6	0.85	1.5		30.5		44	41.7	5.2	3.7	2.5	3.3	3.69	48200	10900	
1400-34	34	32.3		1.6		2.6	0.85	1.5		31.5		45.4	43.1	5.4	3.8	2.5	3.72	3.8	49700	10900	
1400-35	35	33		1.6		3	1	1.5		32.2		46.8	44.2	5.6	3.9	2.5	3.78	4.4	51100	13200	
1400-36	36	34		1.85		3	1	1.75		33.2		47.8	45.2	5.6	4	2.5	4.55	5	51400	13600	
1400-37	37	35		1.85		3	1	1.75		34.2		49	47	5.7	4.1	2.5	5.37	5.37	53700	14300	
1400-38	38	36		1.85		3	1	1.75		35.2		50.2	47.6	5.8	4.2	2.5	5.08	5.62	54800	14300	
1400-39	39	37		1.85		3	1	1.75		36		51.4	48.5	5.9	4.3	2.5	5.85	5.85	56800	14800	
1400-40	40	37		1.85		3	1	1.75		36.9		52.6	49.5	6	4.4	2.5	6.03	6.03	58800	15300	
1400-41	41	38.5		1.85		3.8	1.25	1.75		37.5		54	51.5	6.2	4.5	2.5	6.215	6.215	60800	15800	
1400-42	42	39.5		1.85		3.8	1.25	1.75		38.5		55.7	52.5	6.5	4.5	2.5	5.99	6.5	59500	19800	
1400-43	43			1.75		3.8	1.25	1.75		39.5		57.9	55.4	6.6	4.6	2.5	7	6.53	7	61700	21200
1400-44	44	41.5		1.85		3.8	1.25	1.75		40.5		59.1	55.9	6.7	4.7	2.5	6.75	7.5	63700	21200	
1400-45	45	42.5		1.85		3.8	1.25	1.75		41.5		60.1	56.9	6.7	4.8	2.5	7.24	7.6	65100	21700	
1400-46	46	43.5		1.85		3.8	1.25	1.75		42.5		61.3	58.1	6.8	4.9	2.5	7.3	7.65	66500	22100	
1400-47	47	44.5		1.85		3.8	1.25	1.75		43.5		62.5	59.3	6.9	5	2.5	7.51	7.9	67900	22600	
1400-48	48	45.5		1.85		3.8	1.25	1.75		44.5		64.5	60.8	6.9	5.1	2.5	9.88	10.2	80900	28300	
1400-50	50	47		2.15		4.5	1.5	2		45.8		66.7	63	7	5.2	2.5	9.53	11.1	84100	29400	
1400-51	51			2.15		4.5	1.5	2		46.8		67.7	63	7	5.2	2.5	9.53	11.1	84100	29400	
1400-52	52	49		2.15		4.5	1.5	2		47.8		69	65.2	7.1	5.3	2.5	10.3	11.3	87400	30500	
1400-53	53			2.15		4.5	1.5	2		48.8		70.2	66.4	7.2	5.4	2.5	10.41	11.4	89000	31100	
1400-54	54	51		2.15		4.5	1.5	2		49.8		71.6	67.6	7.3	5.5	2.5	10.5	11.8	90600	31700	
1400-55	55	52		2.15		4.5	1.5	2		50.8		72.3	69.3	7.3	5.5	2.5	12.2	12.2	93800	32800	
1400-56	56	53		2.15		4.5	1.5	2		51.8		73.6	69.6	7.3	5.6	2.5	12.47	12.6	94800	32800	
1400-57	57	54		2.15		4.5	1.5	2		52.8		75.6	71.8	7.4	5.8	2.5	13.69	12.9	97100	33900	
1400-58	58	55		2.15		4.5	1.5	2		53.8		77.8	74	7.5	6	2.5	13.26	14.3	100000	35100	
1400-59	59			2.15		4.5	1.5	2		54.8		79	75.2	7.6	6.2	2.5	13.1	15.9	102000	35600	
1400-60	60	57		2.15		4.5	1.5	2		55.8		79	75.2	7.6	6.2	2.5	13.1	15.9	102000	35600	
1400-61	61			2.65		4.5	1.5	2.5		60.8		81.4	77.6	7.8	6.3	3	20.44	18.2	131000	36800	
1400-62	62	59	(+0.00 (-) 0.30	2.65		4.5	1.5	2.5		62.5		83.6	79.8	7.9	6.4	3	20.43	20.3	135000	37900	
1400-63	63	60		2.65		4.5	1.5	2.5		63.5		84.4	81	8	6.5	3	19.55	21.8	138000	38500	
1400-64	64			2.65		4.5	1.5	2.5		65.5		87	83.2	8.1	6.6	3	22.13	22	142000	39600	
1400-65	65	62		2.65		4.5	1.5	2.5		67.5		89.2	85.4	8.2	6.8	3	21.6	22.5	146000	40700	
1400-66	66	63		2.65		4.5	1.5	2.5		70.5		92.7	88.8	8.4	7	3	24.65	24.6	152000</		