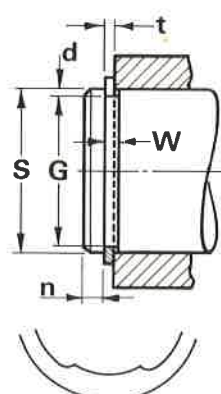
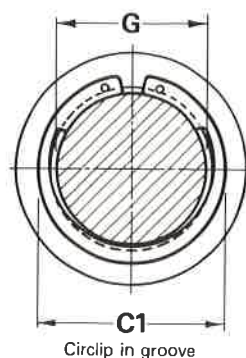
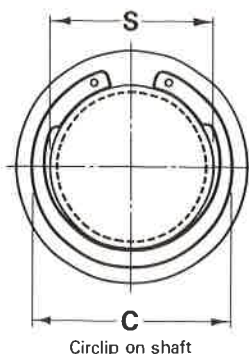
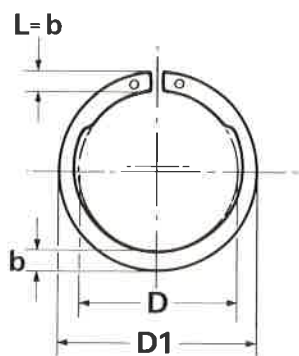


BALANCED LUG CIRCLIPS EUROPEAN SPECIFICATION

M1408



All dimensions in mm



† Thrust load calculations see pages 9 & 10

Beam configuration on some larger sizes

SIZE CODE		Shaft (S)							Circlip							Tc† (N)	Tg† (N)	SIZE CODE
	S	G	Tol.	W	Tol.	n.	d	t	Tol.	D	Tol.	D1	C	C1	b			
0120	12	11.5	+ 0.00 - 0.11	1.10	+ 0.14 - 0.00	0.9	0.27	1.00	+ 0.00 - 0.06	11.0	+ 0.10 - 0.35	15.2	16.5	15.9	2.1	5840	565	0120
0130	13	12.4		1.10		1.0	0.32	1.00		11.9		16.1	17.5	16.8	2.1	6330	735	0130
0140	14	13.4		1.10		1.0	0.32	1.00		12.9		17.1	18.5	17.8	2.1	6820	790	0140
0150	15	14.3		1.10		1.2	0.37	1.00		13.8		18.6	20.1	19.3	2.4	7300	990	0150
0160	16	15.2		1.10		1.3	0.42	1.00		14.7		19.7	21.3	20.4	2.5	7790	1210	0160
0170	17	16.2	+ 0.00 - 0.15	1.10		1.3	0.42	1.00		15.7	20.5	22.1	21.2	2.4	8280	1280	0170	
0180	18	17.0		1.30		1.6	0.52	1.20		16.5	21.7	23.5	22.4	2.6	10500	1700	0180	
0200	20	19.0		1.30		1.6	0.53	1.20		18.5	24.1	25.9	24.8	2.8	11700	1890	0200	
0220	22	21.0		1.30		1.6	0.53	1.20		20.5	26.9	28.7	27.6	3.2	12900	2070	0220	
0230	23	22.0		1.30		1.6	0.53	1.20		21.5	27.7	29.5	28.4	3.1	13400	2170	0230	
0240	24	22.9	+ 0.00 - 0.21	1.30	1.8	0.60	1.20	22.2	28.6	30.7	29.5	3.2	14000	2490	0240			
0250	25	23.9		1.30	1.8	0.60	1.20	23.5	30.8	32.7	31.5	3.7	14600	2590	0250			
0260	26	24.9		1.30	1.8	0.60	1.20	24.2	31.2	33.3	32.1	3.5	15200	2700	0260			
0280	28	26.6		1.60	2.3	0.75	1.50	25.9	33.5	35.9	34.4	3.8	20500	3690	0280			
0300	30	28.6		1.60	2.3	0.75	1.50	27.9	35.7	38.1	36.6	3.9	21900	3960	0300			
0320	32	30.3	+ 0.00 - 0.25	1.60	2.8	0.91	1.50	29.6	37.6	40.3	38.5	4.0	23400	5130	0320			
0340	34	32.3		1.60	2.8	0.91	1.50	31.5	38.5	41.3	39.5	3.5	24800	5450	0340			
0350	35	33.0		1.60	3.2	1.06	1.50	32.2	40.6	43.7	41.6	4.2	25600	6600	0350			
0400	40	37.5		1.85	4.0	1.31	1.75	36.5	45.9	50	47.3	4.7	28300	9420	0400			
0420	42	39.5		1.85	4.0	1.31	1.75	38.5	47.9	52	49.3	4.7	29700	9900	0420			
0450	45	42.5	+ 0.00 - 0.30	1.85	4.0	1.31	1.75	41.5	50.9	55	52.3	4.7	31900	10600	0450			
0470	47	44.5		1.85	4.0	1.31	1.75	43.5	53.5	57.6	54.9	5.0	33300	11100	0470			
0480	48	45.5		1.85	4.0	1.31	1.75	44.5	54.9	59	56.3	5.2	34000	11300	0480			
0500	50	47.0		2.15	4.7	1.56	2.00	45.8	56.2	61	57.8	5.2	40500	14100	0500			
0550	55	52.0		2.15	4.8	1.57	2.00	50.8	62.4	67.2	64.0	5.8	44500	15500	0550			
0580	58	55.0	+ 0.00 - 0.30	2.15	4.5	1.5	2.00	53.8	65.1	70.2	67.0	5.8	46900	16400	0580			
0600	60	57.0		2.15	4.5	1.5	2.00	55.8	67.1	72.2	69.0	5.8	48500	17000	0600			
0650	65	62.0		2.65	4.5	1.5	2.50	60.8	72.5	77.8	74.6	6.0	65700	18400	0650			
0700	70	67.0		2.65	4.5	1.5	2.50	65.5	78.2	83.8	80.6	6.5	70800	19800	0700			
0720	72	69.0		2.65	4.5	1.5	2.50	67.5	80.2	85.8	82.6	6.5	72800	20400	0720			
0750	75	72.0	+ 0.00 - 0.35	2.65	4.5	1.5	2.50	70.5	83.2	88.8	85.6	6.5	75800	21200	0750			
0800	80	76.0		2.65	5.3	1.75	2.50	74.5	88.2	94.8	91.1	7.0	80900	26400	0800			
0820	82	78.5		2.65	5.3	1.75	2.50	76.5	90.2	96.8	93.1	7.0	82900	27000	0820			
0850	85	81.5		3.15	5.3	1.75	3.00	79.5	94.0	100.6	96.9	7.4	103000	28000	0850			
0870	87	83.5		3.15	5.3	1.75	3.00	81.5	96.0	102.6	98.9	7.4	106000	28700	0870			
0900	90	86.5	+ 0.00 - 0.35	3.15	+ 0.18 - 0.00	5.3	1.75	3.00	84.5	99.0	105.6	101.9	7.4	109000	29700	0900		
0950	95	91.5		3.15		5.3	1.75	3.00	89.5	105.0	111.8	108.1	8.0	115000	31300	0950		
1000	100	96.5		3.15		5.3	1.75	3.00	94.5	110.0	116.8	113.1	8.0	121000	33000	1000		

Standard material - carbon spring steel. Standard finish - phosphate and oil.