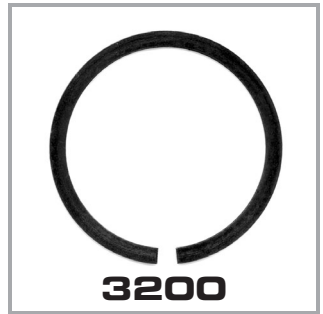


30mm to 240mm

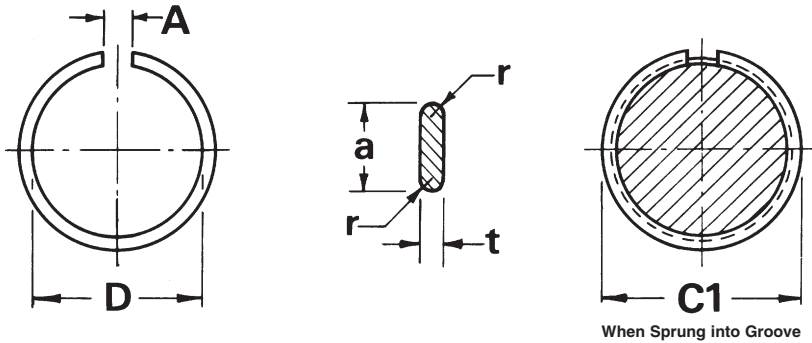
Standard Material
Carbon Spring Steel

Standard Finish
Phosphate and oil

DIN 5417



WIRE EXTERNAL RINGS FOR BEARING RETENTION



When Sprung into Groove

† Thrust load calculations see page 5

PART NUMBER	BEARING	CIRCLIP									GROOVE				Tc† (N)	BEARING NO.			
		S mm	THICKNESS		FREE DIAMETER		a	Tol.	C1	A ~	r (min)	DIAMETER		WIDTH		LIGHT	MEDIUM	HEAVY	
			t mm	Tol. mm	D mm	Tol. mm						G mm	Tol. mm	W mm					Tol. mm
3200-30	30	1.12		27.4		3.25		34.7	3	0.4	28.17		1.35		23000	6200	-	-	
3200-32	32	1.12		29.4		3.25		36.7	3	0.4	30.15		1.35		24500	6201	-	-	
3200-35	35	1.12		32.4	+0.40	3.25		39.7	3	0.4	33.17		1.35		26800	6202	6300	-	
3200-37	37	1.12		34.0	-0.00	3.25		41.3	3	0.4	34.77		1.35		28300	-	6301	-	
3200-40	40	1.12		37.3		3.25		44.6	3	0.4	38.10		1.35		30600	6203	-	-	
3200-42	42	1.12		38.9		3.25		46.3	3	0.4	39.75		1.35		32100	-	6302	-	
3200-44	44	1.12		40.9		3.25		48.3	3	0.4	41.75	+0.00	1.35		33700	-	-	-	
3200-47	47	1.12		43.7	+0.50	4.04		52.7	4	0.4	44.60	-0.25	1.35		36000	6204	6303	-	
3200-50	50	1.12		46.7	-0.00	4.04		55.7	4	0.4	47.60		1.35		38300	-	-	-	
3200-52	52	1.12		48.8		4.04		57.9	4	0.4	49.73		1.35		40000	6205	6304	-	
3200-55	55	1.12		51.7		4.04		60.7	4	0.4	52.60		1.35		42100	-	-	-	
3200-56	56	1.12		52.4		4.04		61.7	4	0.4	53.60		1.35		42900	-	-	-	
3200-58	58	1.12		54.4		4.04		63.7	4	0.4	55.60		1.35		44400	-	-	-	
3200-62	62	1.70		58.2		4.04		67.7	4	0.6	59.61		1.90		72000	6206	6305	6403	
3200-65	65	1.70		61.2		4.04		70.7	4	0.6	62.60		1.90		75500	-	-	-	
3200-68	68	1.70		63.4		4.85		74.6	5	0.6	64.82		1.90		79000	-	-	-	
3200-72	72	1.70		67.4	+0.80	4.85		78.6	5	0.6	68.81		1.90		83600	6207	6306	6404	
3200-75	75	1.70		70.4	-0.00	4.85		81.6	5	0.6	71.83		1.90		87100	-	-	-	
3200-80	80	1.70		75.4		4.85		86.6	5	0.6	76.81		1.90	+0.30	93000	6208	6307	6405	
3200-85	85	1.70	+0.00	80.4		4.85	+0.00	91.6	5	0.6	81.81		1.90	-0.00	98700	6209	-	-	
3200-90	90	2.46	-0.10	85.4		4.85	-0.15	96.5	5	0.7	86.79		2.70		151000	6210	6308	6406	
3200-95	95	2.46		90.4		4.85		101.6	5	0.7	91.82		2.70		160000	-	-	-	
3200-100	100	2.46		95.2		4.85		106.5	5	0.7	96.80		2.70		168000	6211	6309	6407	
3200-110	110	2.46		105.2		4.85		116.6	5	0.7	106.81		2.70		150000	6212	6310	6408	
3200-115	115	2.46		110.2	+1.00	4.85		121.6	5	0.7	111.81	+0.00	2.70		193000	-	-	-	
3200-120	120	2.82		113.6	-0.00	7.21		129.7	7	0.7	115.21	-0.50	3.10		231000	6213	6311	6409	
3200-125	125	2.82		118.6		7.21		134.7	7	0.7	120.22		3.10		241000	6214	-	-	
3200-130	130	2.82		123.6		7.21		139.7	7	0.7	125.22		3.10		250000	6215	6312	6410	
3200-140	140	2.82		133.0		7.21		149.7	7	0.7	135.23		3.10		270000	6216	6313	6411	
3200-145	145	2.82		138.0		7.21		154.7	7	0.7	140.23		3.10		279000	-	-	-	
3200-150	150	2.82		142.9	+1.60	7.21		159.7	7	0.7	145.24		3.10		289000	6217	6314	6412	
3200-160	160	2.82		152.9	-0.00	7.21		169.7	7	0.7	155.22		3.10		308000	6218	6315	6413	
3200-170	170	3.10		161.3		9.60		182.9	10	0.7	163.65		3.50		360000	6219	6316	-	
3200-180	180	3.10		171.2		9.60		192.9	10	0.7	173.66		3.50		381000	6220	6317	6414	
3200-190	190	3.10		181.0		9.60		202.9	10	0.7	183.64		3.50		402000	6221	6318	6415	
3200-200	200	3.10		191.0		9.60		212.9	10	0.7	193.65		3.50		424000	6222	6319	6416	
3200-210	210	3.10		200.9		9.60		222.8	10	1.2	203.60		3.50		445000	-	-	64517	
3200-215	215	3.10		205.9	+1.80	9.60		227.8	10	1.2	208.60		3.50		455000	6224	6320	-	
3200-225	225	3.50		214.3	-0.00	10.00		237.0	10	1.2	217.00		4.50		538000	-	6321	6418	
3200-230	230	3.50		219.2		10.00		242.0	10	1.2	222.00		4.50	+0.40	550000	6226	-	-	
3200-240	240	3.50		229.2		10.00		252.0	10	1.2	232.00		4.50	-0.00	574000	-	6322	-	