



Unit : mm

Dimensions Code	Nominals d_1	Dimensions of Retaining Rings						Thrust Loading Allowance (Ref.) kN	Groove Dimensions (Ref.)					
		d_3		t		b	a		d_0	d_2		m		n
		Basic	Tolerance	Basic	Tolerance	Approx.	Approx.		Min.	Basic	Tolerance	Basic	Tolerance	Min.
18010	10	9.3	±0.15	1	±0.05	1.6	3	1.2	4.81	9.6	0 -0.09	1.15		
18011	11	10.2				1.8	3.1		5.27	10.5				
18012	12	11.1	1.5			3.3	6.41	12.4						
18013	13	12				2	3.4	6.86	13.4					
18014	14	12.9	1.7			2.1	3.5	7.41	14.3					
18015	15	13.8				2.2	3.6	8.24	15.2					
18016	16	14.7				3.7	8.39	16.2						
18017	17	15.7				2.6	3.8	10.71	17					
18018	18	16.5	1.2			±0.06	2	3.8	11.22	18				
18019	19	17.5						3.9		11.61	19			
18020	20	18.5		4	12.16			20						
18021	21	19.5		4.1	12.94			21						
18022	22	20.5		3.1	4.2			13.89	22.9					
18024	24	22.2			4.3			14.51	23.9					
18025	25	23.2		1.5	4.4			14.98	24.9					
18026	26	24.2			4.6			20.40	26.6					
18028	28	25.9			4.7			21.14	27.6					
18029	29	26.9			4.8			21.93	28.6					
18030	30	27.9	3.5	±0.25	5	23.14	30.3	1.65	+0.14 0					
18032	32	29.6								4	5.3	24.63	32.3	
18034	34	31.5	4	±0.25	5.4	31.38	34	1.90						
18035	35	32.2								5.6	32.17	36		
18036	36	33.2	4.5	1.75	±0.07	5.8	33.73	38	0 -0.25					
18038	38	35.2								6.2	36.48	39.5		
18040	40	37.0	4.8			6.3	37.78	42.5	2					
18042	42	38.5									6.5	40.80	45.5	
18045	45	41.5	5			±0.45	7	53.35	52	2.2				
18048	48	44.5										7	54.52	53
18050	50	45.8	5.5			±0.45	7.1	56.09	55	0 -0.3				
18052	52	47.8										7.2	57.66	57
18055	55	50.8	7.2			±0.45	7.2	60.41	59					
18056	56	51.8										7.3	61.19	60
18058	58	53.8	7.2	±0.45	7.2	60.41	59							
18060	60	55.8								7.3	61.19	60		
18062	62	57.8	7.2	±0.45	7.2	60.41	59							
18063	63	58.8								7.3	61.19	60		

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