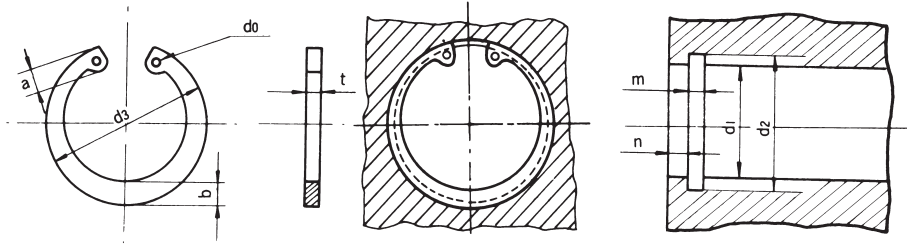


# Small Diameter C-Type Retaining Rings For Holes



Unit : mm

Dimensions Code	Nominals d <sub>1</sub>	Dimensions of Retaining Rings							Thrust Loading Allowance (Ref.) kN	Groove Dimensions (Ref.)				
		d <sub>3</sub>		t		b Approx.	a Approx.	d <sub>0</sub> Min.		d <sub>2</sub>		m		n Min.
		Basic	Tolerance	Basic	Tolerance					Basic	Tolerance	Basic	Tolerance	
50025	6.4	6.9	±0.15	0.4	±0.04	0.65	1.6	0.8	1,255	6.7	±0.03	0.45	+0.10 0	1.0
50031	8.0	8.6				0.84	1.7		1,569	8.4				
50037	9.5	10.3				1.0	2.1		3,138	10.0				

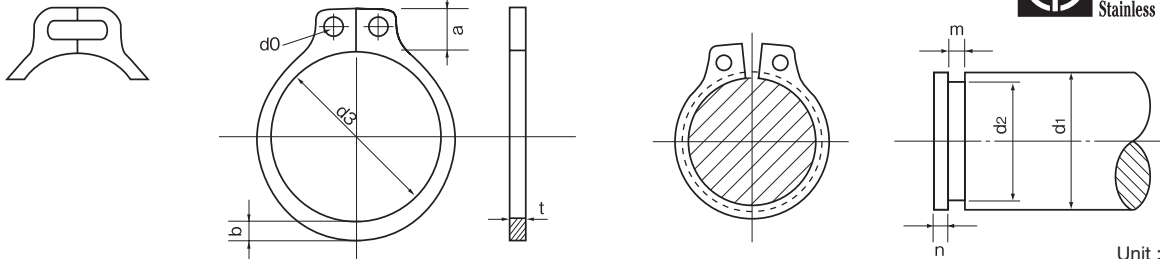
Product code	<b>150</b>	Material code	02...SUS304-CSP	Part Number Structure (Standardized Product Code)			
Surface code	01...Burnished	Hardness	HRC 37 ~ 46	Product Surface ① ⑤ ① ① ② ① ① — ○ ○ ○ ○ ○ ○ Material Dimensions code			

# Small Diameter C-Type Retaining Rings For Shafts



Nominals 3.2 ~ 8

Nominals 9.0



Unit : mm

Dimensions Code	Nominals d <sub>1</sub>	Dimensions of Retaining Rings							Thrust Loading Allowance (Ref.) kN	Groove Dimensions (Ref.)				
		d <sub>3</sub>		t		b Approx.	a Approx.	d <sub>0</sub> Min.		d <sub>2</sub>		m		n Min.
		Basic	Tolerance	Basic	Tolerance					Basic	Tolerance	Basic	Tolerance	
51012	3.2	2.8	±0.1	0.25	±0.03	0.5	1.2	Oval	392	3.0	±0.06	0.3	+0.10 0	1.5
51015	4.0	3.6				0.7	1.4		471	3.8				
51018	4.8	4.2				1.1	1.4		785	4.5				
51019	5.0	4.5				0.7	1.4		863	4.7				
51023	6.0	5.5				0.8	2.0		1,098	5.7				
51027	7.0	6.3				0.9	2.0		2,275	6.5				
51031	8.0	7.1				1.0	2.2		2,589	7.4				
51035	9.0	8.1				1.0	2.2		2,903	8.4				

Product code	<b>151</b>	Material code	02...SUS304-CSP	Part Number Structure (Standardized Product Code)			
Surface code	01...Burnished	Hardness	HRC 37 ~ 46	Product Surface ① ⑤ ① ① ② ① ① — ○ ○ ○ ○ ○ ○ Material Dimensions code			

Remarks 1. Thrust load are calculated by safe factor 4.