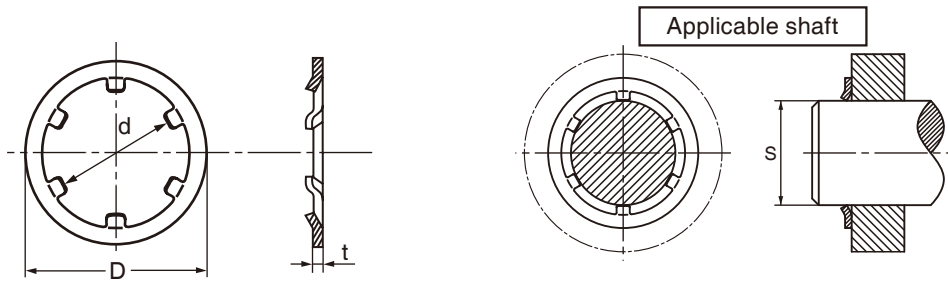


# Circular External Nut



Unit: mm

Size No.	Retaining rings					Applicable shaft		
	d		D		t	Number of teeth	S	
	Basic	Tol.	Basic	Tol.			Basic	Tol.
CSTW- 2	1.9	±0.05	6	±0.2	0.25	3	2	+0.03
2.4	2.2	+0.1	6.4		0.25	3	2.4	±0.03
3	2.8	0	8		0.25	4	3	
3.5	3.3	-0.1	7.5		0.25	4	3.5	
4	3.8	+0.1 0	9		0.25	4	4	
4.5	4.3		10		0.25	5	4.5	
5	4.8		10		0.25	5	5	
6	5.8		11		0.25	5	6	
8	7.8		13		0.25	5	8	
10	9.8		15.4		0.25	6	10	
12	11.8		17.8	±0.3	0.4	6	12	
14	13.8		20.3		0.4	6	14	
16	15.8		22.8		0.4	6	16	
18	17.8		25		0.4	8	18	
20	19.8	28	0.4		8	20		

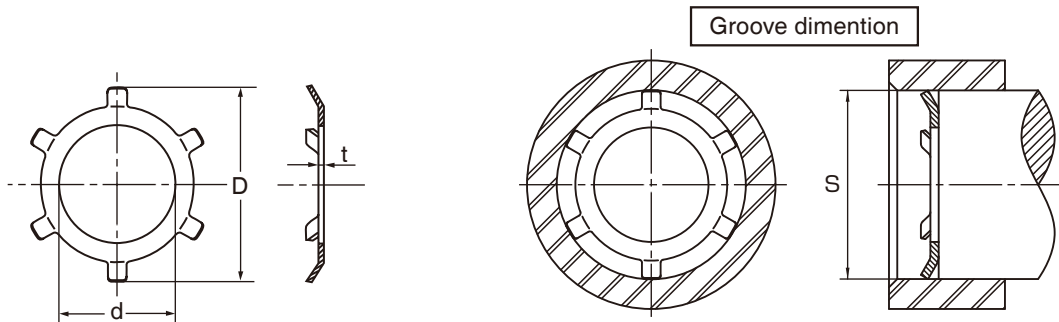
Material = Carbon spring steel Hardness = 40 through 50HRC, Finish = Phosphate coating (ACP)

Material = Stainless steel for spring

### Notes

- Please note that it may not be usable when the hardness of the mating shaft is high or when a hard coating such as nickel plating or chrome plating has been applied to the surface.
- Our products with little marketability may not be in stock. When employing our products, consult with us for their availability.

# Circular Internal Nut



Unit: mm

Size No.	Retaining rings					Groove dimension		
	D		d		t	Number of teeth	S	
	Basic	Tol.	Basic	Tol.			Basic	Tol.
CRTW- 6	6.2	0 -0.1	2.2	±0.2	0.25	6	6	±0.03
8	8.2		3.6		0.25	6	8	
10	10.2		5		0.25	6	10	
12	12.2		6.6		0.25	6	12	
14	14.2		8.2		0.25	6	14	
16	16.2		9.8		0.25	6	16	
18	18.2		11		0.4	8	18	

Material = Carbon spring steel Hardness = 40 through 50HRC, Finish = Phosphate coating (ACP)

Material = Stainless steel for spring

### Notes

- Please note that it may not be usable when the hardness of the mating shaft is high or when a hard coating such as nickel plating or chrome plating has been applied to the surface.
- Our products with little marketability may not be in stock. When employing our products, consult with us for their availability.