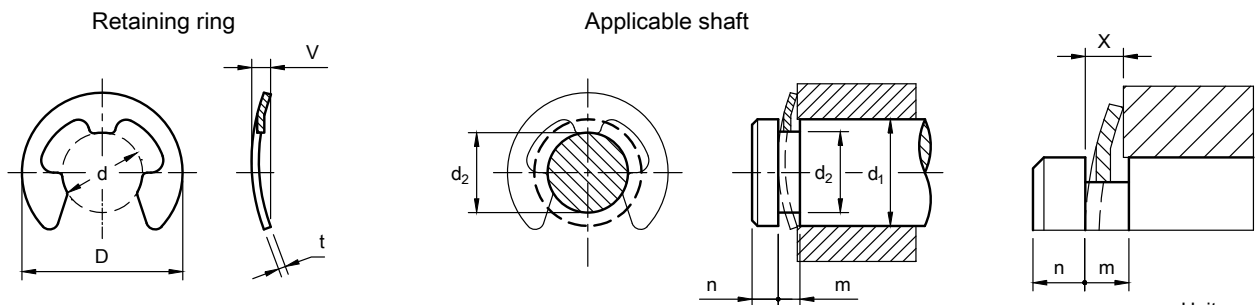


Unit : mm

Size-No.	Retaining ring								Applicable shaft								
	d		D		H		t		d ₁		d ₂		m		n		
	Basic	Tol.	Basic	Tol.	Basic	Tol.	Basic	Tol.	Over	Under	Basic	Tol.	Basic	Tol.	Min.		
ETW- ※ 0.6	0.6	±0.04	1.5		0.45	±0.02			0.8	1	0.65						
※ 0.7	0.67	0	2	±0.1	0.55	0	0.2	±0.02	0.9	1.2	0.7	+0.05 0	0.3			0.4	
※ 0.8	0.8	-0.08	2		0.7	-0.1			1	1.4	0.82						
※ 1	0.98		2.8		0.88				1.3	1.7	1						
※ 1.2	1.2		3		1		0.3	±0.025	1.4	2	1.23		0.4	+0.05 0	0.6		
※ 1.5	1.5		4		1.3				2	2.5	1.53				0.8		
※ 1.9	1.9	0	4.5	±0.2	1.7	0	0.4	±0.03	2.5	3	1.93	+0.06 0	0.5			1	
※ 2	2	-0.09	5		1.7	-0.25			2.5	3.2	2.05						
※ 2.3	2.3		6		2				3	4	2.35						
※ 2.5	2.5		6		2.1				3.2	4	2.55						
※ 3	3		7		2.6				4	5	3.05						
※ 3.2	3.2		7		2.8		0.6	±0.04	4	5	3.25	+0.075 0	0.7			1.2	
※ 4	4	0	9	3.5	0	5			7	4.05							
5	5	-0.12	11	4.3	0.3	6			8	5.05							
6	6		12		5.2				7	9	6.05						
7	7		14		6.1				8	11	7.1						
8	8	0	16		6.9	0	0.8		9	12	8.1	+0.09 0	0.9			1.5	
9	9	-0.15	18	7.8	-0.35	10			14	9.1							
※ 10	10		20	8.7		11			15	10.15							
12	12	0	23		10.4		1	±0.05	13	18	12.15	+0.11 0	1.15			2.5	
※ 15	15	-0.18	29	±0.3	13	0	1.5	±0.06	16	24	15.15	0	1.65	+0.14 0	3		
19	19	0	37		16.5	-0.45			20	31	19.15	0					3.5
24	24	-0.21	44		20.8	0			25	38	24.15	0	2.2				4

- Material = carbon steel Hardness = HRC44~52 Finish = black oxide or phosphate coating (ACP) or nickel plating
- Material = stainless steel
- Note : ※ Mark is according to our company's specification.

Bowed E-type Retaining Ring



Unit : mm

Size-No.	Retaining ring					Applicable shaft										
	d		D		T	V		d ₁		d ₂		m		X		n
	Basic	Tol.	Basic	Tol.	Basic	Basic	Tol.	Min.	Max.	Basic	Tol.	Basic	Tol.	Min.	Max.	Min.
BETW- 1.5	1.5		4		0.4	0.8		2	2.5	1.53		0.8		0.55	0.65	0.8
2	2		5		0.4	0.8	+0.15 -0.1	2.5	3.2	2.05	+0.06 0	0.8		0.55	0.65	1
2.5	2.5		6		0.4	0.8		3.2	4	2.55		0.8		0.55	0.65	1
3	3		7		0.6	1.1		4	5	3.05		1.1		0.85	1	1
4	4		9		0.6	1.1	+0.25 0	5	7	4.05	+0.075 0	1.1		0.85	1	1.2
5	5		11		0.6	1.1		6	8	5.05		1.1		0.85	1	1.2
6	6		12		0.8	1.3		7	9	6.05		1.3	+0.1 0	1	1.2	1.2
7	7		14		0.8	1.3	8	11	7.1	1.3	1	1.2		1.5		
8	8		16		0.8	1.3	9	12	8.1	1.3		1		1.2	1.8	
9	9		18		0.8	1.3	+0.4 0	10	14	9.1	+0.09 0	1.3		1	1.2	2
10	10		20		1	1.7		11	15	10.15		1.7		1.3	1.6	2
12	12		23		1	1.7		13	18	12.15		1.7	+0.11 0	1.3	1.6	2.5
15	15		29		1.5	2.3	16	24	15.15	2.3		1.8		2.2	3	

- Material = carbon steel Hardness = HRC44~52 Finish = black oxide or phosphate coating (ACP)