

Shaft Retaining Ring ▶ C-Type/E-Type Japanese Standard Spring Steel/Stainless Steel



Please order according to the diagram

①~② Select the-Type and parameters in the order of for ordering

Model(①Code) - ②Specification

URHAO

4



Discounted Price

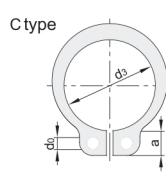
Quantity 1~9 10~
Price 100% Separate Quotation

Price Excluding Tax (¥/mm)

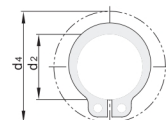


Code		Material		Hardness	Surface Treatment
C-Type	E-Type	International	Equivalent		
URHAO	URHBPO	Spring Steel		42~51HRC	URHAO Specification<8;blackening specification28;phosphate black
URHAP	URHBPP	3Cr13	SUS420J2	34~42HRC	URHBPO;phosphate black

C type

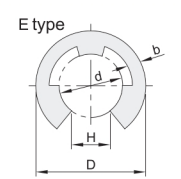
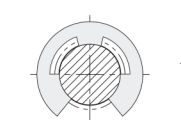


Single Hole for Sizes Below 8



Applicable Shaft

E type

① d4 : Maximum Outer Diameter (Clearance Outer Diameter) ② Applicable Standards for This Product : JIS B 28-04 2001
When Inserting the Retaining Ring into d ③ Specifications with () are not applicable URHAP. ④ Applicable Standards for This Product : JIS B 2805-1978 GB/T 896-1986

■ C type

Model		Retaining Ring						Applicable Shaft (Reference)				
Code	Specification	d3	t	b(about)	a(about)	d0(min)	Reference d4	d1	d2	m	n(min)	
URHAO URHAP	(3)	2.7	+0.04 -0.15	0.25	±0.025	0.5	1.7	0.7	3	2.85	0.35	
	(4)	3.7		0.4	±0.03	0.9	2.2	0.8	4	3.8	0.5	0.3
	5	4.7		0.6		1.1	2.4		5	4.8	0.7	
	6	5.6		0.7		1.3	2.8		6	5.7	0.8	
	7	6.5	+0.06 -0.20	0.8	±0.04	1.4	3	1	7	6.7	0.9	0.5
	8	7.4				1.6	3		8	7.6		
	9	8.4				1.8	3.2		9	8.6		0.6
	10	9.3	±0.15			2	3.1	1.2	10	9.6		
	11	10.2				2	3.1		11	10.5		
	12	11.1				2.1	3.2	1.5	12	11.5		
	13	12		1	±0.05	2.1	3.3		13	12.4		
	14	12.9				2.2	3.4		14	13.4		
	15	13.8	±0.18			2.2	3.5		15	14.3		1.5
	16	14.7				2.2	3.6	1.7	16	15.2		
	17	15.7				2.2	3.7		17	16.2		
	18	16.5				2.6	3.8		18	17		
	19	17.5				2.7	3.9		19	18		
	20	18.5				2.7	4		20	19		
	21	19.5				2.7	4.1		21	20		
	22	20.5				2.9	4.2		22	21		
	24	22.2	±0.2		±0.06	3.1	4.3	2	24	22.9		
	25	23.2				3.1	4.4		25	23.9	±0.14 0	1.7
	26	24.2				3.1	4.6		26	24.9		
	28	25.9				3.5	4.7		28	26.6		2.1
	29	26.9				3.5	4.8		29	27.6		
	30	27.9				3.5	5		30	28.6	(1.75)	
	32	29.6				4	5.3		32	30.3		2.6
	34	31.5				4	5.4		34	32.3		
	35	32.2	±0.25			4	5.6		35	33		
	36	33.2				4.5	5.8	2.5	36	34		3
	38	35.2				4.5	6.2		38	36		
	40	37				4.5	6.3		40	38		
	42	38.5	±0.4		±0.07	4.8	6.6		42	39.5	1.95	
	45	41.5				4.8	6.7		45	42.5		3.8
	47	43.4				5	6.8		47	44.5		
	48	44.5				5	7		48	45.5		
	50	45.8				5.5	7.1		50	47		
	52	47.8				5.5	7.2		52	49		
	55	50.8				6.4	7.4	2.5	55	52		
	56	51.8	±0.45		±0.08	6.4	7.8		56	53		4.5
	58	53.8				7.4	8.2		58	55	±0.14 0	
	60	55.8				7.4	8.2		60	57		
	65	60.8				7.4	8.2		65	62		
	68	63.5				7.4	8.2		68	65		
	70	65.5				7.4	8.2		70	67		
	80	74.5	±0.55	4	±0.09	9.5	9.8	4	80	76.5		5.3
	105	98				9.5	9.8		105	101	±0.18 0	6

① () Thickness (t) = 1.6mm, which can tentatively be taken as 1.5mm, when m = 1.65.

■ E type

Model		Retaining Ring						Applicable Shaft (Reference)				
Code	Specification	d	D	H	t	Classification of d1 Greater than Below	d2	m	n (min)			
URHBPO URHBPP	1.2	1.2	3	±0.1	1	0.3	±0.025	1.4	2	1.23	0.4	0.6
	1.5	1.5	4		1.3	0.4	±0.03	2	2.5	1.53		0.8
	2	2	5		1.7	0.6	±0.04	2.5	3.2	2.05	±0.06 0	1
	2.5	2.5	6		2.1	0.8		3.2	4	2.55		1
	3	3	7		2.6	1		4	5	3.05		1
	4	4	9	±0.2	3.5	1.2		5	7	4.05	±0.075 0	1.2
	5	5	11		4.3	1.5		6	8	5.05		1.2
	6	6	12		5.2	1.8		7	9	6.05		1.2
	7	7	14		6.1	2		8	11	7.1	±0.09 0	1.5
	8	8	16		6.9	2.2		9	12	8.1		1.8
	9	9	18		7.8	2.5		10	13	9.1		2.1