

Shaft Retaining Ring ▶ C-Type/E-Type

National 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

URHDO

1.2



Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation

Price Excluding Tax (%)

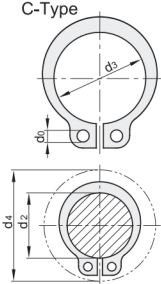


CAD 2D

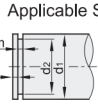
① URHCO/CP applicable standards : GB/T 894.1-1986

② URHDO/DP applicable standards : GB/T 896-1986

C-Type



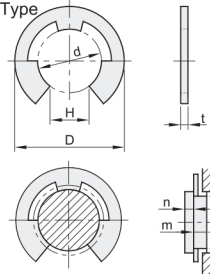
As Shown in the Diagram for Sizes Below 9



Applicable Shaft

① d4: Maximum Outer Diameter (Clearance Outer Diameter) When Inserting the Retaining Ring into d

E-Type



③ C-Type

Model		d ₁	Retaining Ring Dimensions				Groove Dimensions for Installation					holes								
Code	Specification	Shaft Diameter	d ₃ Basic Dimension	Limit Deviation	t Basic Dimension	Limit Deviation	b≈	d ₀	d ₂ Retaining Ring Dimensions	Limit Deviation	m Retaining Ring Dimensions	Limit Deviation	n≥	d ₄ ≥						
Spring Steel URHCO SUS304 URHCP	3*	3	2.7	+0.04 -0.15	0.4	+0.03 -0.06	0.8	1	2.8	+0 -0.04	0.5		0.3	7.2						
	4*	4	3.7		0.88	3.8	0 -0.048		0.7	8.8										
	5*	5	4.7		1.12	4.8				10.7										
	6	6	5.6		1.32	5.7				12.2										
	7*	7	6.5	+0.06 -0.18	0.6	+0.04 -0.07		6.7		0 -0.058	0.9	13.8								
	8	8	7.4		0.8	+0.04 -0.10	7.6	15.2												
	10	10	9.3		1.44	9.6	17.6													
	11*	11	10.2		1.52	10.5	18.6													
	12	12	11	+0.10 -0.36	1		1.72	1.5	11.5	0 -0.11	1.1	+0.14 0	0.8	19.6						
	13	13	11.9				1.88		12.4				20.8							
	14	14	12.9				2.00		13.4				22							
	15	15	13.8				2.32		14.3				23.2							
	16	16	14.7				2.48		15.2				24.4							
	17	17	15.7				+0.05 -0.13		1.7					16.2	0 -0.13	1.5	25.6			
	18	18	16.5											17			27			
	19	19	17.5											18			28			
	20	20	18.5											19			29			
	21*	21	19.5				+0.13 -0.42		1.2					2.68	2	20	0 -0.21	1.3	2.1	31
	22	22	20.5											21		32				
	24	24	22.2											22.9		34				
	25	25	23.2	23.9	35															
	28	28	25.9	+0.21 -0.42	1.2		3.60	2.5	26.6	0 -0.25	1.7	3	38.4							
	29*	29	26.9				3.72		27.6				39.8							
	30	30	27.9				3.92		28.6				42							
	32	32	29.6				4.32		30.3				44							
	34*	34	31.5	+0.25 -0.50	1.5		4.52	3	32.3	0 -0.30	2.2	4.5	46							
	35	35	32.2				33		48											
	36	36	33.2				34		49											
	37	37	34.2				35		50											
	38	38	35.2	+0.06 -0.15	2		5.0	4	36	0 -0.25	2.7	5.3	51							
	40	40	36.5				37.5		53											
	45	45	41.5				42.5		56											
	48	48	44.5				45.5		62.8											
	50	50	45.8	+0.39 -0.90	2		47	5	49	0 -0.35	2.7	5.3	64.8							
	52*	52	47.8				52		67											
55*	55	50.8	55				70.4													
58*	58	53.8	57				73.6													
60	60	55.8	+0.46 -1.10	2.5		6.12	6	72	0 -0.30	2.7	5.3	75.8								
75*	75	70.5				75		92.8												
78*	78	73.5				76.5		96.2												
80*	80	74.5				78.5		98.2												
82*	82	76.5	+0.07 -0.22	3		7	7	81.5	0 -0.35	3.2	6	101								
85*	85	79.5				7.6		86.5				104								
90*	90	84.5				9.2		91.5				110								
95*	95	89.5				10.7		96.5				115								
100*	100	94.5	+0.54 -1.30	3		10.7	4	101	0 -0.54	3.2	+0.18 0	6	121							
105*	105	98				132														

④ E-Type

Model		Nominal Size d	Limit Deviation	Retaining Ring Dimensions					Groove Dimensions for Installation					Shaft Diameter	
Code	Specification			H		t		D _{max}	d ₂		m		n ≥	d ₁ >	
				Basic Dimension	Limit Deviation	Basic Dimension	Limit Deviation		Basic Dimension	Limit Deviation	Basic Dimension	Limit Deviation			
Spring Steel URHDO SUS304 URHDP	1.2*	1.2	-0.14	0.9	±0.08	0.3		3	1.2		0.4	1.0	1.5~2		
	1.5	1.5		1.2		4	1.5		0.5	2~2.5					
	2	2		1.7	±0.125	0.4	+0.03 -0.06	5	2.0	+0.06 0	0.5		2.5~3		
	2.5	2.5		2.2		6	2.5		0.7	3~3.5					
	3	3		2.5	±0.15	0.6	+0.04 -0.07	7	3.0		0.7		3.5~4		
	3.5*	3.5	3.0		8	3.5		0.9	+0.14 0	1.5	4~5				
	4	4	3.5	-0.18	0.8	±0.15	9	4.0	+0.075 0	0.9	5~6				
	5	5	4.5		±0.15	10	5.0		1.1	6~7					
	6	6	5.5		±0.18	12	6.0		1.3	7~9					
	8	8	7.5		±0.18	16	8.0	+0.09 0	1.5	9~10					
	9	9	8.0		±0.215	18	9.0		1.7	10~13					
	12	12	10.5	-0.27	1.2	±0.215	24	12.0	+0.11 0	1.3	2.5	13~16			
	15	15	13.0		1.5	+0.06 -0.15	30	15.0		1.6	3.0	16~20			

④ Size with * is not applicable URHDP.