

Shaft Retaining Ring ▶ C-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

URJFO

6



Quantity	1~9	10~
Price	100%	Separate Quotation

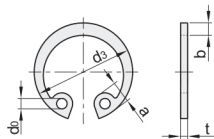
Price Excluding Tax (%)



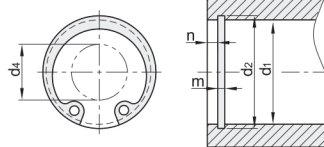
CAD 3D

Code	Type	Material		Hardness	Surface Treatment
		International	Equivalent		
URJFO	C-Type	Spring Steel		44~51HRC	Specification⑨:blackening specification⑨:phosphate black
URJFP		3Cr13	SUS420J2	34~42HRC	—

Retaining Ring Dimensions



Retaining Ring Assembly Dimensions



① d4: Minimum inner circumference diameter (clearance ID) when embedding the retaining ring in d1.
② Applicable Standards for This Product: JIS B 2804-2001

Model		Retaining Ring						Reference	Applicable Shaft (Reference)						
Code	Specification	d ₃		t		b (about)	a (about)	d ₀ (min)	d ₄	d ₁	d ₂		m		n(min)
Spring Steel URJFO SUS420J2 URJFP	6	6.7	0.4	±0.03	0.7	1.6	0.8	2.5	6	6.25	+0.04	0.5	+0.10 0	0.5	
	7	7.7			0.8	1.7		3	7	7.3	+0.06 0				
	8	8.8			0.9	1.7		3.5	8	8.4					
	9	9.8	0.6	±0.04	1.1	2.2	1.2	4	9	9.4	+0.11 0	0.7	0.6		
	10	10.7			1.5	2.8		4	10	10.4					
	11	11.8			1.5	3		4	11	11.4					
	12	13	1	±0.05	1.7	3.1	1.5	5	12	12.5	+0.11 0	1.15			
	13	14.1			1.7	3.1		6	13	13.6					
	14	15.1			1.9	3.6		7	14	14.6					
	15	16.2	1	±0.05	1.9	3.6	1.7	8	15	15.7	+0.11 0	1.15			
	16	17.3			1.9	3.7		8	16	16.8					
	17	18.3			1.9	3.8		9	17	17.8					
	18	19.5	±0.2		2.4	4		10	18	19	+0.21 0				
	19	20.5			2.5	4		11	19	20					
	20	21.5			2.5	4		12	20	21					
	22	23.5			2.5	4.1	2	13	22	23	+0.21 0				
	24	25.9			2.5	4.3		15	24	25.2					
	25	26.9			3	4.4		16	25	26.2					
	26	27.9	1.2		3	4.6		16	26	27.2	+0.21 0	1.35			
	28	30.1			3	4.6		18	28	29.4					
	30	32.1			3	4.7		20	30	31.4					
	32	34.4	±0.25		3.5	5.2		21	32	33.7	+0.25 0				
	34	36.6			3.5	5.2		23	34	35.7					
	35	37.8			3.5	5.2		24	35	37					
	36	38.8	(1.6)		3.5	5.2		25	36	38	+0.25 0	(1.75)	+0.14 0		
	37	39.8			3.5	5.2		26	37	39					
	38	40.8			4	5.3		27	38	40					
	39	42.5	±0.4		4	5.4		27	39	41.2	+0.25 0				
	40	43.5			4	5.7		28	40	42.5					
	42	45.5			4	5.7		30	42	44.5					
	45	48.5	1.8		4.5	5.7		33	45	47.5	+0.30 0	1.95			
	46	49.5			4.5	5.7		33	46	48.5					
	47	50.5			4.5	6.1		34	47	49.5					
	48	51.5			4.5	6.1	2.5	35	48	50.5	+0.30 0		2		
	50	54.2			4.5	6.5		37	50	53					
	52	56.2			5.1	6.5		39	52	55					
	55	59.2	2		5.1	6.5		41	55	58	+0.30 0	2.2			
	56	60.2			5.1	6.6		42	56	59					
	58	62.2			5.1	6.6		44	58	61					
	60	64.2	±0.45		5.5	6.8		46	60	63	+0.30 0				
	62	66.2			5.5	6.9		48	62	65					
	63	67.2			5.5	6.9		49	63	66					
	65	69.2			6	7.4		50	65	68	+0.35 0				
	68	72.5			6	7.4		53	68	71					
	70	74.5			6	7.4		55	70	73					
	72	76.5	2.5	±0.08	6.6	7.4		57	72	75	+0.35 0	2.7	2.5		
	75	79.5			6.6	7.8		60	75	78					
	80	85.5			7	8		64	80	83.5					
85	90.5	±0.55		7	8		69	85	88.5	+0.35 0					
90	95.5			7.6	8.3		73	90	93.5						
95	100.5			8	8.5		77	95	98.5						

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