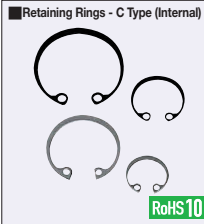
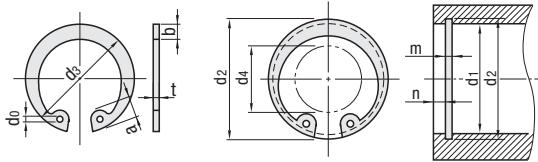


Retaining Rings - C Type (Internal) / Retaining Ring Pliers



RTWN
RTWS (Stainless Steel)

Applicable Hole



d₂: Minimum circumferential diameter when a retaining ring is fitted inside d₁. (Clearance I.D.)

Type	Material	Hardness
RTWN	Spring Steel	44-53HRC
RTWS	SUS304-CSP	36-44HRC

Part Number	Retaining Ring													Reference			Applicable Bore (Reference)						
	Type	No.	d ₀	Tolerance	t	Tolerance	b	a	d ₀	d ₄	d ₁	d ₂	Tolerance	m	Tolerance	n	(Min.)	1-49	50-199	200-1000	1-49	50-199	200-1000
RTWN RTWS (Stainless Steel)	10	10.7		1	±0.05	1.5	2.8	1.2	4	10	10.4	+0.11 0	1.15										
	11	11.8	±0.18							11	11.4												
	12	13								12	12.5												
	13	14.1								13	13.6												
	14	15.1								14	14.6												
	15	16.2								15	15.7												
	16	17.3								16	16.8												
	17	18.3								17	17.8												
	19	20.5								19	20												
	20	21.5								20	21												
	21	22.5		21	22																		
	22	23.5	22	23																			
	24	25.9	24	25.2																			
	25	26.9	25	26.2																			
	26	27.9	26	27.2																			
	28	30.1	28	29.4																			
	30	32.1	30	31.4																			
	32	34.4	32	33.7																			
	35	37.8	35	37																			
	37	39.8	37	39																			
	40	43.5	40	42.5																			
	42	45.5	42	44.5																			
	45	48.5	45	47.5																			
	47	50.5	47	49.5																			
	52	56.2	52	55																			
	55	59.2	55	58																			
	60	64.2	60	63																			
	62	66.2	62	65																			
	68	72.5	68	71																			
	72	76.5	72	75																			
	80	85.5	80	83.5																			

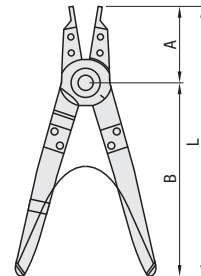
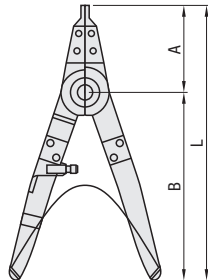
For orders larger than indicated quantity, please check with WOS.

Ordering Example **Part Number**
RTWN10
RTWS20

Retaining Ring Pliers

STWP
(External)

RTWP
(Internal)



Material Body: SPCC, Finger: Carbon Steel

Part Number	Type	No.	Applicable Retaining Ring Size	L	A	B	STWP (External)		RTWP (Internal)	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
		4-9	No. 4-9							
		10-18	No.10-18	200	50	150				
		19-30	No.19-30							
		32-58	No.32-58	245	65	180				
		60-80	No.60-80	285	75	210				

Ordering Example **Part Number**
STWP 4-9