

# Retaining Rings

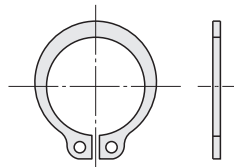
## C-Type / E-Type (Box)



RoHS10

### Retaining C-Ring

Type	Material	Hardness
BOX-STWN	Spring Steel	44~53 HRC min.
BOX-STWS	304 Stainless Steel	36~44 HRC min.



No.8 or Less

- Confirm detailed dimensions. P.2459
- Can be ordered as single item. P.2459
- Installation Tools are available. P.2461

### Retaining Rings - E-Type (Box)



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### Retaining Ring E Type

Type	Material	Hardness	Surface Treatment
BOX-NETW	Spring Steel	44~53 HRC min.	Trivalent Chromate
BOX-NETWS	304 Stainless Steel	37~46 HRC min.	—



- Confirm detailed dimensions. P.2459
- Can be ordered as single item. P.2459
- When you order, please specify the box quantity. Minimum order is 1 box.

Part Number Example  
 Part Number  
 BOX-STWN10  
 BOX-NETWS3

Part Number		Pcs./Box
Type	No.	
BOX-STWN	3	2,000
	4	
	5	
	6	
	8	
	10	
	12	
BOX-STWS	15	1,000
	20	
	25	
	30	
	35	

Part Number		Pcs./Box
Type	No.	
BOX-STWS	4	2,000
	5	
	6	
	8	
	10	
	12	
	15	
	20	
BOX-STWS	25	1,000
	30	
	35	

Part Number		Pcs./Box
Type	No.	
BOX-NETW	1.2	2,000
	1.5	
	2	
	2.5	
	3	
	4	
	5	
	6	
	7	
	8	
BOX-NETWS	10	1,000
	12	
	15	
	20	
	25	

Part Number		Pcs./Box
Type	No.	
BOX-NETWS	1.2	2,000
	1.5	
	2	
	2.5	
	3	
	4	
	5	
	6	
	7	
	8	
BOX-NETWS	10	1,000
	12	
	15	

# Inserts

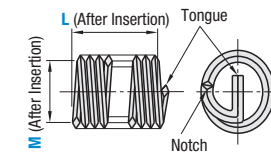
## Thread / Tangless (Box)



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### Threaded Inserts

Type	Material
BOX-HLTS	304 Stainless Steel



M (Coarse)	Tap Pilot Hole Diameter (Reference)
3	3.11~3.20
4	4.16~4.29
5	5.18~5.33
6	6.22~6.40
8	8.28~8.48

- \*M and L are sizes when inserted into tapped holes.
- L dimension before insertion is shorter than that after insertion.
- See special wrenches and how to use. P.2461
- Can be ordered as single item. P.2461

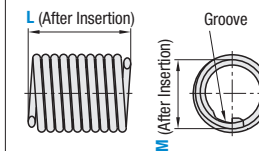
### Inserts - Tangless (Box)



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### Tangless Inserts

Type	Material
BOX-TLTS	304 Stainless Steel



M (Coarse)	Tap Pilot Hole Diameter (Reference)
2.5	2.60~2.65
3	3.12~3.20
4	4.17~4.30
5	5.16~5.33
6	6.25~6.42
8	8.31~8.52

- \*M and L are sizes when inserted into tapped holes.
- L dimension before insertion is shorter than that after insertion.
- See special wrenches and how to use. P.2461
- Can be ordered as single item. P.2462
- When you order, please specify the box quantity. Minimum order is 1 box.

Part Number Example  
 Part Number  
 BOX-HLTS5-10  
 BOX-TLTS2.5-3.8

Part Number		Pcs./Box
Type	*M - L	
BOX-HLTS	3 - 3	100
	4.5	
	6	
	4 - 4	
	6	
	8	
	5 - 5	
	7.5	
	10	
	6 - 6	
	9	
	12	
	8 - 8	
	12	
	16	

Part Number		Pcs./Box
Type	*M - L	
BOX-TLTS	2.5 - 2.5	100
	3.8	
	5	
	3 - 3	
	4.5	
	6	
	4 - 4	
	6	
	8	
	5 - 5	
	7.5	
	10	
	6 - 6	
	9	
	12	
	8 - 8	
12		
16		