

Ball-Lock Type

The Ball-Lock Type stainless steel ties from Thomas & Betts are self-locking, requiring no time consuming crimping or folding operations. The strong locking mechanism, incorporating a stainless steel ball, has a low insertion force while the strap section has rounded edges and smooth surfaces making the ties ideal for fast, safe hand installation.

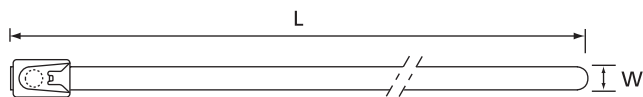
Main features

- “Ball-Lock” self-locking mechanism
- Fast end easy installation
- Suitable for indoor or outdoor applications
- 2 grades of non-magnetic materials: stainless steel 304 for standard applications and stainless steel 316 for extra corrosion resistance
- 2 types of finish: uncoated version (in 304 and 306 grades stainless steel) for high temperature applications and a 316 grade stainless steel version fully coated with a non-toxic, halogen free Polyester coating for a superior protection of cables and installer’s hands, as well as an improved insulation between dissimilar materials
- 2 widths: 4.6 mm and 7.9 mm for severe applications where extreme tensile strength (up to 1110N) is required
- 12 standard lengths (up to 1400 mm long) to cover most applications, while custom lengths can always be provided (please contact your Sales Office)
- Dedicated tooling: either Prod. Ref. CT3 for manual cutting, or Prod. Ref. CT6 for tension setting tool with automatic cutting

Applications

Installation of cables and pipes in extreme conditions and hazardous areas, indoor and outdoor, such as:

- Petrochemical and food processing industries
- Power stations
- Mining
- Shipbuilding
- Offshore
- Other aggressive environments



Technical Information: stainless steel Ball-Lock ties, uncoated

Material	A. 304 grade non-magnetic stainless steel B. 316 grade non-magnetic stainless steel
Temperature range	-80°C to +538°C
Colour	Metallic
Flammability rating	Absolutely fireproof and UV-resistant

Technical Information: stainless steel Ball-Lock ties, coated

Material	316 grade non-magnetic stainless steel Coating: Polyester
Temperature range	-80°C to +150°C
Colour	Black
Flammability rating	Absolutely fireproof
Other properties	UV-resistant Coating: Halogen free, non toxic



Approvals



* Some approvals may not be applicable to all the Product References. Contact your Sales office for approvals limitations



Ordering Information: uncoated

PRODUCT REF. STAINLESS STEEL 304	PRODUCT REF. STAINLESS STEEL 316	LENGTH X WIDTH [mm]	MATERIAL THICKNESS [mm]	MAX BUNDLE Ø [mm]	TENSILE STRENGTH [N]	QUANTITY [pieces]	TOOLING
YLS-4.6-100A	YLS-4.6-100B	100 x 4.6	0.26	20	440	100	
YLS-4.6-125A	YLS-4.6-125B	125 x 4.6	0.26	22	440	100	
YLS-4.6-150A	YLS-4.6-150B	150 x 4.6	0.26	24	440	100	
YLS-4.6-200A	YLS-4.6-200B	200 x 4.6	0.26	50	440	100	
YLS-4.6-300A	YLS-4.6-300B	300 x 4.6	0.26	80	440	100	
YLS-4.6-360A	YLS-4.6-360B	360 x 4.6	0.26	100	440	100	
YLS-4.6-520A	YLS-4.6-520B	520 x 4.6	0.26	150	440	100	
YLS-4.6-680A	YLS-4.6-680B	680 x 4.6	0.26	200	440	100	
YLS-4.6-840A	YLS-4.6-840B	840 x 4.6	0.26	250	440	100	
YLS-4.6-1000A	YLS-4.6-1000B	1000 x 4.6	0.26	300	440	100	
YLS-4.6-1200A	YLS-4.6-1200B	1200 x 4.6	0.26	365	440	100	
YLS-4.6-1400A	YLS-4.6-1400B	1400 x 4.6	0.26	425	440	100	
YLS-7.9-100A	YLS-7.9-100B	100 x 7.9	0.26	20	1110	100	CT3
YLS-7.9-125A	YLS-7.9-125B	125 x 7.9	0.26	22	1110	100	CT6
YLS-7.9-150A	YLS-7.9-150B	150 x 7.9	0.26	24	1110	100	
YLS-7.9-200A	YLS-7.9-200B	200 x 7.9	0.26	50	1110	100	
YLS-7.9-300A	YLS-7.9-300B	300 x 7.9	0.26	80	1110	100	
YLS-7.9-360A	YLS-7.9-360B	360 x 7.9	0.26	100	1110	100	
YLS-7.9-520A	YLS-7.9-520B	520 x 7.9	0.26	150	1110	100	
YLS-7.9-680A	YLS-7.9-680B	680 x 7.9	0.26	200	1110	100	
YLS-7.9-840A	YLS-7.9-840B	840 x 7.9	0.26	250	1110	100	
YLS-7.9-1000A	YLS-7.9-1000B	1000 x 7.9	0.26	300	1110	100	
YLS-7.9-1200A	YLS-7.9-1200B	1200 x 7.9	0.26	365	1110	100	
YLS-7.9-1400A	YLS-7.9-1400B	1400 x 7.9	0.26	425	1110	100	

Ordering Information: coated

PRODUCT REF. STAINLESS STEEL 316 POLYESTER COATED	LENGTH X WIDTH [mm]	MATERIAL THICKNESS [mm]	MAX BUNDLE Ø [mm]	TENSILE STRENGTH [N]	QUANTITY [pieces]	TOOLING
YLS-4.6-100BC	100 x 4.6	0.36	20	440	100	
YLS-4.6-125BC	125 x 4.6	0.36	22	440	100	
YLS-4.6-150BC	150 x 4.6	0.36	24	440	100	
YLS-4.6-200BC	200 x 4.6	0.36	50	440	100	
YLS-4.6-300BC	300 x 4.6	0.36	80	440	100	
YLS-4.6-360BC	360 x 4.6	0.36	100	440	100	
YLS-4.6-520BC	520 x 4.6	0.36	150	440	100	
YLS-4.6-680BC	680 x 4.6	0.36	200	440	100	
YLS-4.6-840BC	840 x 4.6	0.36	250	440	100	
YLS-4.6-1000BC	1000 x 4.6	0.36	300	440	100	
YLS-4.6-1200BC	1200 x 4.6	0.36	365	440	100	
YLS-4.6-1400BC	1400 x 4.6	0.36	425	440	100	
YLS-7.9-100BC	100 x 7.9	0.36	20	530	100	CT3
YLS-7.9-125BC	125 x 7.9	0.36	22	530	100	CT6
YLS-7.9-150BC	150 x 7.9	0.36	24	530	100	
YLS-7.9-200BC	200 x 7.9	0.36	50	530	100	
YLS-7.9-300BC	300 x 7.9	0.36	80	530	100	
YLS-7.9-360BC	360 x 7.9	0.36	100	530	100	
YLS-7.9-520BC	520 x 7.9	0.36	150	530	100	
YLS-7.9-680BC	680 x 7.9	0.36	200	530	100	
YLS-7.9-840BC	840 x 7.9	0.36	250	530	100	
YLS-7.9-1000BC	1000 x 7.9	0.36	300	530	100	
YLS-7.9-1200BC	1200 x 7.9	0.36	365	530	100	
YLS-7.9-1400BC	1400 x 7.9	0.36	425	530	100	