

Stainless Steel Ball Lock Cable Ties – Uncoated

Technical Information

Material: Non-magnetic Stainless Steel - 316 grade
 Temp. range: - 60°C to + 300°C
 Flammability rating: UL94 fireproof, Halogen free & UV resistant
 Finish options: Uncoated plain Stainless Steel



**Ball Lock-Uncoated Cable Ties
4.6mm width Stainless Steel (316)**



Part No	Material	Width		Length		Thickness		Maximum Diameter Single Loop		Tensile Strength Minimum Loop		Package Qty
		mm	In	mm	In	mm	In	mm	In	N	lbs	
LOC646-100	316 S/Stl	4.6	0.18	100	4	0.25	0.01	18	0.7	445	100	100 / bag
LOC646-150	316 S/Stl	4.6	0.18	150	6	0.25	0.01	34	1.3	445	100	100 / bag
LOC646-200	316 S/Stl	4.6	0.18	200	8	0.25	0.01	50	2	445	100	100 / bag
LOC646-260	316 S/Stl	4.6	0.18	260	10	0.25	0.01	69	2.7	445	100	100 / bag
LOC646-300	316 S/Stl	4.6	0.18	300	12	0.25	0.01	81	3	445	100	100 / bag
LOC646-360	316 S/Stl	4.6	0.18	360	14	0.25	0.01	100	3.9	445	100	100 / bag
LOC646-400	316 S/Stl	4.6	0.18	400	15.7	0.25	0.01	112	4.4	445	100	100 / bag
LOC646-450	316 S/Stl	4.6	0.18	450	17.7	0.25	0.01	128	5	445	100	100 / bag
LOC646-520	316 S/Stl	4.6	0.18	520	20	0.25	0.01	151	5.9	445	100	100 / bag
LOC646-620	316 S/Stl	4.6	0.18	620	24	0.25	0.01	183	7.2	445	100	100 / bag
LOC646-680	316 S/Stl	4.6	0.18	680	26.7	0.25	0.01	201	7.9	445	100	100 / bag
LOC646-840	316 S/Stl	4.6	0.18	840	33	0.25	0.01	253	10	445	100	100 / bag
LOC646-1000	316 S/Stl	4.6	0.18	1000	39	0.25	0.01	304	12	445	100	100 / bag



**Ball Lock-Uncoated Cable Ties
7.9mm width Stainless Steel (316)**

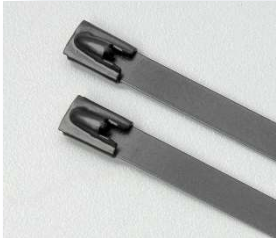


Part No	Material	Width		Length		Thickness		Maximum Diameter Single Loop		Minimum Loop Tensile Strength		Package Qty
		mm	In	mm	In	mm	In	mm	In	N	lbs	
LOC679-100	316 S/Stl	7.9	0.18	100	4	0.25	0.01	18	0.7	1112	250	100 / bag
LOC679-150	316 S/Stl	7.9	0.18	150	6	0.25	0.01	34	1.3	1112	250	100 / bag
LOC679-200	316 S/Stl	7.9	0.18	200	8	0.25	0.01	50	2	1112	250	100 / bag
LOC679-260	316 S/Stl	7.9	0.18	260	10	0.25	0.01	69	2.7	1112	250	100 / bag
LOC679-300	316 S/Stl	7.9	0.18	300	12	0.25	0.01	81	3	1112	250	100 / bag
LOC679-360	316 S/Stl	7.9	0.18	360	14	0.25	0.01	100	3.9	1112	250	100 / bag
LOC679-400	316 S/Stl	7.9	0.18	400	15.7	0.25	0.01	112	4.4	1112	250	100 / bag
LOC679-450	316 S/Stl	7.9	0.18	450	17.7	0.25	0.01	128	5	1112	250	100 / bag
LOC679-520	316 S/Stl	7.9	0.18	520	20	0.25	0.01	151	5.9	1112	250	100 / bag
LOC679-620	316 S/Stl	7.9	0.18	620	24	0.25	0.01	183	7.2	1112	250	100 / bag
LOC679-680	316 S/Stl	7.9	0.18	680	26.7	0.25	0.01	201	7.9	1112	250	100 / bag
LOC679-840	316 S/Stl	7.9	0.18	840	33	0.25	0.01	253	10	1112	250	100 / bag
LOC679-1000	316 S/Stl	7.9	0.18	1000	39	0.25	0.01	304	12	1112	250	100 / bag

Stainless Steel Ball Lock Cable Ties – Coated

Technical Information

Material: Non-magnetic Stainless Steel - 316 grade
 Temp. range: - 60°C to + 300°C
 Flammability rating: UL94 fireproof, Halogen free & UV resistant
 Finish options: Surface finished with a Pure Polyester & Epoxy coating (Black)



**Ball Lock-Coated Cable Ties
4.6mm width Stainless Steel (316)**



Part No	Material	Width		Length		Thickness		Maximum Diameter Single Loop		Minimum Loop Tensile Strength		Package Qty
		mm	In	mm	In	mm	In	mm	In	N	lbs	
LOC646-100-B	316 S/Stl	4.6	0.18	100	4	0.25	0.01	18	0.7	445	100	100 / bag
LOC646-150-B	316 S/Stl	4.6	0.18	150	6	0.25	0.01	34	1.3	445	100	100 / bag
LOC646-200-B	316 S/Stl	4.6	0.18	200	8	0.25	0.01	50	2	445	100	100 / bag
LOC646-260-B	316 S/Stl	4.6	0.18	260	10	0.25	0.01	69	2.7	445	100	100 / bag
LOC646-300-B	316 S/Stl	4.6	0.18	300	12	0.25	0.01	81	3	445	100	100 / bag
LOC646-360-B	316 S/Stl	4.6	0.18	360	14	0.25	0.01	100	3.9	445	100	100 / bag
LOC646-400-B	316 S/Stl	4.6	0.18	400	15.7	0.25	0.01	112	4.4	445	100	100 / bag
LOC646-450-B	316 S/Stl	4.6	0.18	450	17.7	0.25	0.01	128	5	445	100	100 / bag
LOC646-520-B	316 S/Stl	4.6	0.18	520	20	0.25	0.01	151	5.9	445	100	100 / bag
LOC646-620-B	316 S/Stl	4.6	0.18	620	24	0.25	0.01	183	7.2	445	100	100 / bag
LOC646-680-B	316 S/Stl	4.6	0.18	680	26.7	0.25	0.01	201	7.9	445	100	100 / bag
LOC646-840-B	316 S/Stl	4.6	0.18	840	33	0.25	0.01	253	10	445	100	100 / bag
LOC646-1000-B	316 S/Stl	4.6	0.18	1000	39	0.25	0.01	304	12	445	100	100 / bag



**Ball Lock-Coated Cable Ties
7.9mm width Stainless Steel (316)**



Part No	Material	Width		Length		Thickness		Maximum Diameter Single Loop		Minimum Loop Tensile Strength		Package Qty
		mm	In	mm	In	mm	In	mm	In	N	lbs	
LOC679-100-B	316 S/Stl	7.9	0.18	100	4	0.25	0.01	18	0.7	1112	250	100 / bag
LOC679-150-B	316 S/Stl	7.9	0.18	150	6	0.25	0.01	34	1.3	1112	250	100 / bag
LOC679-200-B	316 S/Stl	7.9	0.18	200	8	0.25	0.01	50	2	1112	250	100 / bag
LOC679-260-B	316 S/Stl	7.9	0.18	260	10	0.25	0.01	69	2.7	1112	250	100 / bag
LOC679-300-B	316 S/Stl	7.9	0.18	300	12	0.25	0.01	81	3	1112	250	100 / bag
LOC679-360-B	316 S/Stl	7.9	0.18	360	14	0.25	0.01	100	3.9	1112	250	100 / bag
LOC679-400-B	316 S/Stl	7.9	0.18	400	15.7	0.25	0.01	112	4.4	1112	250	100 / bag
LOC679-450-B	316 S/Stl	7.9	0.18	450	17.7	0.25	0.01	128	5	1112	250	100 / bag
LOC679-520-B	316 S/Stl	7.9	0.18	520	20	0.25	0.01	151	5.9	1112	250	100 / bag
LOC679-620-B	316 S/Stl	7.9	0.18	620	24	0.25	0.01	183	7.2	1112	250	100 / bag
LOC679-680-B	316 S/Stl	7.9	0.18	680	26.7	0.25	0.01	201	7.9	1112	250	100 / bag
LOC679-840-B	316 S/Stl	7.9	0.18	840	33	0.25	0.01	253	10	1112	250	100 / bag
LOC679-1000-B	316 S/Stl	7.9	0.18	1000	39	0.25	0.01	304	12	1112	250	100 / bag

Stainless Steel Ball Lock Cable Ties – Accessories



Stainless Steel Cable Tie Installation Tools

Part No

LOC-01G Tool

- Easy to use, one-hand operated "Automatic" tensioning gun
- Side loading design allows accurate and rapid positioning
- Fully adjustable, to ensure the desired tension each time
- Auto-Cut feature offers easy removal of excess tie length



Part No

LOC-02P Tool

- Simple hand operated Tool with manual tension control
- Lever actuated cut-off for simple removal of excess tie length
- Side loading design allows accurate and rapid positioning
- Rugged, lightweight and easy to operate "Plier" style tool



Stainless Steel Ball Lock Cable Ties – Applications

Rail / Road

Oil & Gas

Shipping

Signage & Signals

Utilities

Communications

Petrochemical

Automotive

Cable Installation

Automation & Control

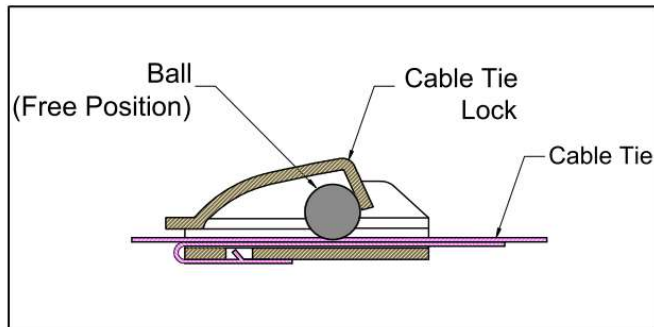
Food & Beverage

Pharmaceutical

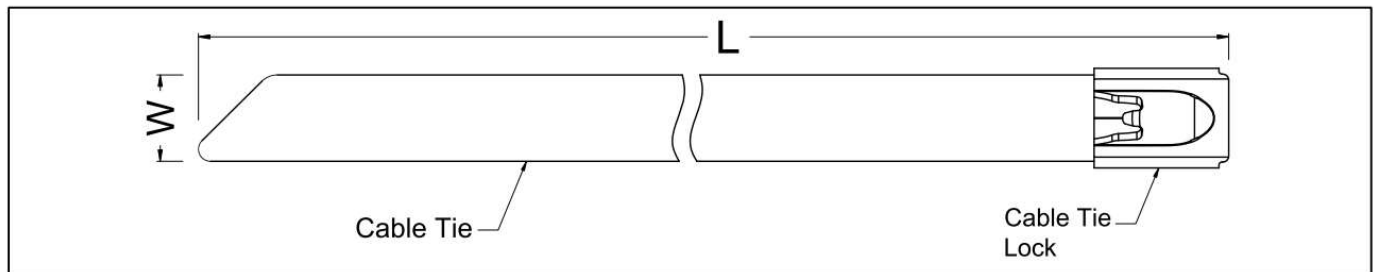
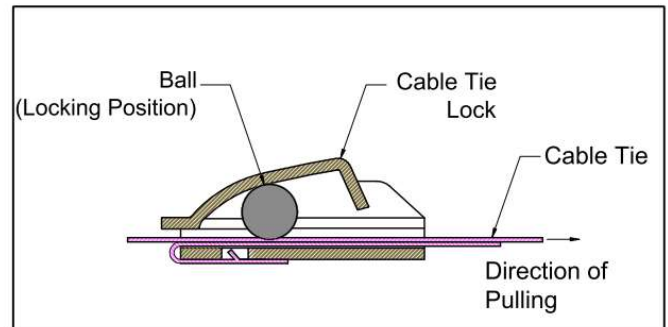
Stainless Steel Ball Lock Cable Ties – Design Concept

The Ball Lock (or Wedge) Mechanism explained.....

1) Free Position



2) Locking Position



Key features of the Ball Lock cable tie.....

- ✓ Flame Retardant, Non-Toxic and Halogen Free.
- ✓ Self-locking mechanism provides fast and simple installation.
- ✓ Designed with Rounded edges and Smooth surfaces for safe handling.
- ✓ Fully enclosed head prevents dirt & grit from interfering with the locking mechanism.
- ✓ Ideal for use where Corrosion, Vibration, Radiation & Temperature extremes exist.
- ✓ The Lock Mechanism uses a 316 S/St ball ensuring a perfect lock even in the harshest corrosive conditions.

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