# Product Handbook

## Conveyor Belt Splicing Systems

### July 2014

FLEXCO

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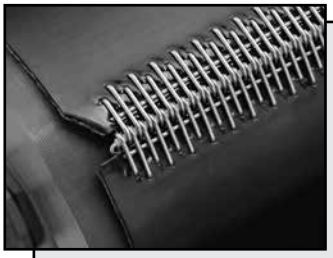


## How Clipper® Hooks Work

The Clipper® Hook design incorporates a double-staggered grip pattern that gives wire hooks exceptional holding power without degrading the integrity of the belt carcass. The points of the fastener pass through the belt carcass and are formed over, locking the carcass between them.

This low profile splice is highly compatible with conveyor components and compliant with the need for reduced operating noise. Additional splice strength and consistency of splice installation is obtained through precision machine application.

### Applications

- Package and Parts Handling
- Food Processing
- Checkout Counters
- Commercial Laundries
- Filter Media
- Agriculture

### Installation Method

Depending on the application, Clipper® Hooks can be installed with on-site maintenance lacers such as the Roller Lacer®, Roller Lacer® Gold Class™, or Microlacer®, Production Lacers for high volume lacing (Pro 400, Pro 600, Pro 6000, or Electric Hydraulic Lacers), or Specialty Lacers such as the Plier-Tape Lacer, Vice Lacer, Baler Belt Lacer. Please contact Flexco to discuss your application.

### What You Need for Installation

- Hooks
- Connecting Pin
- Installation Tool

### How to Specify the Correct Clipper® Fastener

1. Measure your Belt Thickness (PIW).
2. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
3. Using the selection chart on page 6, identify possible hook choices.
4. Narrow selections by selecting desired wire diameter.
   - Larger wire diameter provides greater strength and abrasion resistance.
   - Smaller wire diameter provides less noise and less wear on conveyor components.
5. If multiple choices remain, select either carded or Unibar® style fastener.

### Fastener Metal Selection

**Galvanized Steel**. For basic applications, galvanized steel is recommended.

**Stainless Steel.** Type 430 and Type 316 Stainless Steel offers more resistance than steel to abrasion, acids, chemicals, rusting, and magnetic attraction.

**High Tensile.** Added abrasion resistance and fastener retention strength.

**Specialty Metal.**

- Coated Steel
- Rectangular High Tensile
- Monel®
- Inconel®
- Phosphor Bronze
- Hastelloy
- Black Oxide

### Hinge Pin Selection

**DSS DuraStainless™** - stainless spring steel core with filled nylon coating for superior abrasion resistance, flat belts only.

**DL Duralink™** - braided stainless cable with filled nylon coating for superior abrasion resistance, crowned pulley or troughed belts.

**NY Nylosteel** - spring steel core with nylon coating for use with galvanized or high tensile fasteners, flat or troughed belts.

**NYS Nylostainless** - stainless spring steel core with nylon coating for use with stainless steel fasteners, flat belts only.

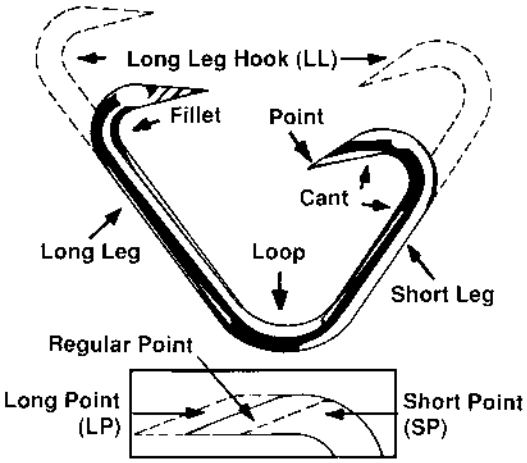
**NCS Nylon Covered Stainless Steel Cable** - braided stainless cable with nylon coating for applications with stainless fasteners, crowned pulley or troughed belts.

*Please see page 6 for Clipper Fastener selection chart.*

# General Hook Information

## HOW TO SELECT THE PROPER HOOK SIZE

1. Measure the belt thickness and pulley diameter.
2. Determine the possible options that could be used, based on the chart on page 6.
3. Select the proper hook from the specification chart.
4. If hook specifications overlap into more than one size, select the fastener which best meets your needs. **NOTE:** If maximum strength is of primary importance, choose the hook with the largest diameter wire. If low profile is needed select the hook with the smallest diameter wire.
5. Select the type of metal which best fits your application requirements.




## SPECIAL LENGTH CARDS

Clipper® hooks can be ordered in special length cards or Unibar® strips for specific applications. This eliminates time consuming card cutting by hand.

All special length cards are shipped without pins.

Please call Customer Service for pricing and lead times.

## FASTENER MATERIAL CHARACTERISTICS

| METAL | MAGNETIC | ABRASION RESISTANCE | CHEMICAL RESISTANCE | RUST RESISTANCE | SPARKING/ NON-SPARKING | AVAILABLE CLIPPER SIZES |
|---|---|---|---|---|---|---|
| Galvanized | Yes | Good | Poor | Good | Sparking | 25, 1, 2-7 |
| Coated Steel | Yes | Good | Poor | Poor | Sparking | U2 -U3 |
| Steel | Yes | Good | Poor | Poor | Sparking | U4-U7 |
| High Tensile Steel | Yes | Good to Excellent | Fair | Good | Sparking | 1, 2-7 |
| Rectangular High Tensile Steel | Yes | Good to Excellent | Fair | Good | Sparking | 4-1/2 |
| 430 Stainless Steel | Yes | Good | Fair to Good | Good | Sparking | 1, 2-7, UX-1, U2SP - U7 |
| 316L Stainless Steel | Slightly | Good | Good to Excellent | Excellent | Sparking | 25, 30, 36, 1, 2-7, UX-1, UCM36, UA2, UA3 |
| Monel® 400 | Slightly | Fair | Excellent | Excellent | Sparking | 25, 1, 2-4 |
| Inconel® 600 | No | Fair | Excellent | Excellent even at elevated temp. | Sparking | 2-4 |
| Phosphor Bronze | No | Good | Poor | Good | Non-sparking | 2-4 |
| Hastelloy C-22 | No | Good | Excellent | Excellent | Sparking | 36, UCM |
| Black Oxide | Yes | Good | Poor | Fair | Sparking | 25 |

# Clipper® Hook and Pin Selection Chart

## FASTENER AND PIN SIZE SELECTION CHART

| Minimum Pulley Diameter | Wire Diameter | Connecting Pin Size | Belt Thickness | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Up to .047" 3/64" | .063" 1/16" | .093" 3/32" | .125" 1/8" | .156" 5/32" | .187" 3/16" | .219" 7/32" | .25" 1/4" | .281" 9/32" | .313" 5/16" | .343" 11/32" | .39" 25/64" |
| | | | 1.2 mm | 1.6 mm | 2.4 mm | 3.2 mm | 4.0 mm | 4.8 mm | 5.6 mm | 6.4 mm | 7.1 mm | 7.9 mm | 9.0 mm | 10.0 mm |
| 15/16" 24 mm | .025" | .065"/1.7 mm | 25SP* | | | | | | | | | | | |
| | .025" | .065"/1.7 mm | 25 | | | | | | | | | | | |
| | .036" x .027" | .065"/1.7 mm | UCM36SL XSP | | | | | | | | | | | |
| | .036" x .027" | .065"/1.7 mm | | UCM36SL SP | | | | | | | | | | |
| | .025" | .065"/1.7 mm | | 25LP* | | | | | | | | | | |
| 2" 51 mm | .036" x .027" | .065"/1.7 mm | UCM36 XSP | | | | | | | | | | | |
| | .030" | .065"/1.7 mm | 30* | | | | | | | | | | | |
| | .036" x .027" | .065"/1.7 mm | | UCM36 SP* | | | | | | | | | | |
| | .036" x .027" | .065"/1.7 mm | | 36 SP* | | | | | | | | | | |
| | .040" | .065"/1.7 mm | | 1 XSP* | | | | | | | | | | |
| | .030" | .065"/1.7 mm | | 30P* | | | | | | | | | | |
| | .040" | .065"/1.7 mm | | UX-1 SP* | | | | | | | | | | |
| | .036" x .027" | .065"/1.7 mm | | | UCM36* | | | | | | | | | |
| | .036" x .027" | .065"/1.7 mm | | | 36* | | | | | | | | | |
| | .040" | .065"/1.7 mm | | | 1 SP* | | | | | | | | | |
| | .036" x .027" | .065"/1.7 mm | | | | UCM36 LP* | | | | | | | | |
| | .040" | .065"/1.7 mm | | | | 1* | | | | | | | | |
| | .040" | .065"/1.7 mm | | | | UX-1* | | | | | | | | |
| | .047" | .093"/2.4 mm | | | | UA2 | | | | | | | | |
| | .054" | .093"/2.4 mm | | | | U2 SP | | | | | | | | |
| | .054" | .093"/2.4 mm | | | | 2SP | | | | | | | | |
| | .054" | .093"/2.4 mm | | | | | U2 | | | | | | | |
| | .054" | .093"/2.4 mm | | | | | 2 | | | | | | | |
| | .047" | .093"/2.4 mm | | | | | UA3 | | | | | | | |
| 3" 76 mm | .054" | .093"/2.4 mm | | | | U3-1 | | | | | | | | |
| | .054" | .093"/2.4 mm | | | | 3-1 | | | | | | | | |
| | .054" | .093"/2.4 mm | | | | | U3-2 | | | | | | | |
| | .054" | .093"/2.4 mm | | | | | | 3 | | | | | | |
| | .054" | .093"/2.4 mm | | | | | | U3 | | | | | | |
| | .054" | .093"/2.4 mm | | | | | | | 3-4 1/2 | | | | | |
| 4" 102 mm | .054" | .109"/2.8 mm | | | | | 4-2 | | | | | | | |
| | .054" | .125"/3.2 mm | | | | | | 4 1/2-3 | | | | | | |
| | .054" | .109"/2.8 mm | | | | | | | 4 | | | | | |
| | .054" | .109"/2.8 mm | | | | | | | U4 | | | | | |
| | .054" | .125"/3.2 mm | | | | | | | | 4 1/2 | | | | |
| 5" 127 mm | .054" | .125"/3.2 mm | | | | | | | | | 5 | | | |
| | .054" | .125"/3.2 mm | | | | | | | | | U5 | | | |
| 6" 152 mm | .054" | .156"/4.0 mm | | | | | | | | | | 6 | | |
| | .054" | .156"/4.0 mm | | | | | | | | | | U6 | | |
| 7" 175 mm | .054" | .156"/4.0 mm | | | | | | | | | | | 7 | |
| | .054" | .156"/4.0 mm | | | | | | | | | | | U7 | |

*Long Leg available. Allow for 1" (25 mm) larger minimum pulley diameter.

Hook Abreviations: SL – Short Leg XSP – Extra Short Point LP – Long Point
LL – Long Leg SP – Short Point

# Clipper® Regular (54) Series Carded Hooks

# FASTENERS

## GALVANIZED - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| | **WITHOUT PINS** | | | | | | |
| 2 - 7 | 2SP | 2SPG | 02168 | 1.2 | 84 | 12 | 144 |
| | 2 | 2G | 02154 | 1.2 | 84 | 12 | 144 |
| | 3-1 | 3-1G | 02196 | 1.3 | 84 | 12 | 144 |
| | 3 | 3G | 02182 | 1.3 | 84 | 12 | 144 |
| | 3-4-1/2 | 3-4-1/2G | 02206 | 1.3 | 84 | 12 | 144 |
| | 4 | 4G | 02216 | 1.4 | 84 | 12 | 144 |
| | 4-2 | 4-2G | 02232 | 1.4 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2G | 02300 | 1.5 | 84 | 12 | 144 |
| | 5-3 | 5-3G | 02339 | 1.8 | 84 | 12 | 144 |
| | 5 | 5G | 02323 | 1.8 | 84 | 12 | 144 |
| | 6 | 6G | 02348 | 2.2 | 84 | 12 | 144 |
| | 7 | 7G | 02363 | 2.3 | 84 | 12 | 144 |
| | **WITH PINS** | | | | | | |
| | 2SP | 2SPGNY | 02169 | 1.2 | 84 | 12 | 144 |
| | 2 | 2GNY | 02155 | 1.2 | 84 | 12 | 144 |
| | 3-1 | 3-1GNY | 02197 | 1.3 | 84 | 12 | 144 |
| | 3 | 3GNY | 02183 | 1.3 | 84 | 12 | 144 |
| | 3-4-1/2 | 3-4-1/2GNY | 02210 | 1.3 | 84 | 12 | 144 |
| | 4 | 4GNY | 02217 | 1.4 | 84 | 12 | 144 |
| | 4-2 | 4-2GNY | 02233 | 1.4 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2GW | 02301 | 1.4 | 84 | 12 | 144 |
| | 5-3 | 5-3GW | 02340 | 1.8 | 84 | 12 | 144 |
| | 5 | 5GW | 18227 | 1.8 | 84 | 12 | 144 |
| | 6 | 6GW | 18228 | 2.2 | 84 | 12 | 144 |
| | 7 | 7GW | 02365 | 2.3 | 84 | 12 | 144 |

**NOTE: For Regular (54) Series Carded Hooks, wire diameter = .054" (1.4 mm).**

**For extra pin material see pages 17-19.**

## HIGH TENSILE - WITHOUT PINS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 2 - 6 | 2SP | 2SPHT | 02173 | 1.2 | 84 | 12 | 144 |
| | 2 | 2HT | 02161 | 1.2 | 84 | 12 | 144 |
| | 3-1 | 3-1HT | 02198 | 1.3 | 84 | 12 | 144 |
| | 3 | 3HT | 02189 | 1.3 | 84 | 12 | 144 |
| | 3 | 3HT-WIDE | 05362 | 1.3 | 84 | 12 | 144 |
| | 4 | 4HT | 02223 | 1.4 | 84 | 12 | 144 |
| | 4-2 | 4-2HT | 02295 | 1.4 | 84 | 12 | 144 |
| | 4-1/2-3 | 4-1/2-3HT | 02316 | 1.4 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2HT | 02307 | 1.5 | 84 | 12 | 144 |
| | 5-3 | 5-3HT | 02342 | 1.8 | 84 | 12 | 144 |
| | 5 | 5HT | 02330 | 1.8 | 84 | 12 | 144 |
| | 6 | 6HT | 02355 | 2.2 | 84 | 12 | 144 |

## RECTANGULAR HIGH TENSILE - WITHOUT PINS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 4-1/2 | 4-1/2-3 | 4-1/2-3RHTX | 02432 | 2.3 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2RHTX | 02429 | 2.3 | 84 | 12 | 144 |

**Stock Items** (non-shaded) standard lead time is 3 working days.

**Made To Order Items** (shaded) extended lead time, minimum order may apply.

**Special Metals** and **Special Length** Cards are available. Request quote for price and delivery.

**CLIPPER® ORDERING NUMBER REFERENCE**

| | |
|---|---|
| **XSP** | Extra Short Point |
| **SP** | Short Point |
| **LP** | Long Point |
| **XLP** | Extra Long Point |
| **LL** | Long Leg |
| **SL** | Short Leg |
| **G** | Galvanized |
| **HT** | High Tensile |
| **RHTX** | Rectangular Wire |
| **S** | 430 Stainless Steel |
| **SS** | 316 Stainless Steel |

# Clipper® Regular (54) Series Carded Hooks

## FASTENERS

### 430 STAINLESS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| | **WITHOUT PINS** | | | | | | |
| 2 - 7 | 2SP | 2SPS | 02170 | 1.2 | 84 | 12 | 144 |
| | 2 | 2S | 02157 | 1.2 | 84 | 12 | 144 |
| | 3-1 | 3-1S | 02195 | 1.3 | 84 | 12 | 144 |
| | 3 | 3S | 02185 | 1.3 | 84 | 12 | 144 |
| | 4 | 4S | 02219 | 1.4 | 84 | 12 | 144 |
| | 4-2 | 4-2S | 02234 | 1.4 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2S | 02303 | 1.5 | 84 | 12 | 144 |
| | 5-3 | 5-3S | 02341 | 1.8 | 84 | 12 | 144 |
| | 5 | 5S | 02326 | 1.8 | 84 | 12 | 144 |
| | 6 | 6S | 02351 | 2.2 | 84 | 12 | 144 |
| | 7 | 7S | 02367 | 2.3 | 84 | 12 | 144 |
| | **WITH PINS** | | | | | | |
| | 2SP | 2SPSNYS | 02171 | 1.2 | 84 | 12 | 144 |
| | 2 | 2SNYS | 02158 | 1.2 | 84 | 12 | 144 |
| | 3 | 3SNYS | 02186 | 1.3 | 84 | 12 | 144 |
| | 4 | 4SNYS | 02220 | 1.4 | 84 | 12 | 144 |
| | 4-2 | 4-2SNYS | 02294 | 1.4 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2-SW | 02304 | 1.5 | 84 | 12 | 144 |
| | 5 | 5SW | 02327 | 1.8 | 84 | 12 | 144 |
| | 6 | 6SW | 02352 | 2.2 | 84 | 12 | 144 |
| | 7 | 7SW | 02368 | 2.3 | 84 | 12 | 144 |

### 316L STAINLESS - WITHOUT PINS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 2 - 7 | 2SP | 2SPSS | 02172 | 1.2 | 84 | 12 | 144 |
| | 2 | 2SS | 02159 | 1.2 | 84 | 12 | 144 |
| | 3-1 | 3-1SS | 02397 | 1.3 | 84 | 12 | 144 |
| | 3 | 3SS | 02187 | 1.3 | 84 | 12 | 144 |
| | 4 | 4SS | 02221 | 1.4 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2SS | 02305 | 1.5 | 84 | 12 | 144 |
| | 5 | 5SS | 02328 | 1.8 | 84 | 12 | 144 |
| | 6 | 6SS | 02353 | 2.2 | 84 | 12 | 144 |
| | 7 | 7SS | 02370 | 2.3 | 84 | 12 | 144 |

### BRONZE - WITHOUT PINS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 2 - 4 | 2SP | 2SPB | 02175 | 1.2 | 84 | 12 | 144 |
| | 2 | 2B | 02164 | 1.2 | 84 | 12 | 144 |
| | 3 | 3B | 02193 | 1.3 | 84 | 12 | 144 |
| | 4 | 4B | 02227 | 1.4 | 84 | 12 | 144 |

### MONEL® - WITHOUT PINS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 2 - 4-1/2 | 2SP | 2SPM | 02174 | 1.2 | 84 | 12 | 144 |
| | 2 | 2M | 02163 | 1.2 | 84 | 12 | 144 |
| | 3 | 3M | 02191 | 1.3 | 84 | 12 | 144 |
| | 4 | 4M | 02225 | 1.4 | 84 | 12 | 144 |
| | 4-1/2 | 4-1/2M | 02310 | 1.5 | 84 | 12 | 144 |

**NOTE: For Regular (54) Series Carded Hooks, wire diameter = .054" (1.4 mm).**

**For extra pin material see pages 17-19.**

# Clipper® Point-of-Purchase Baler Hooks

## POINT-OF-PURCHASE FASTENERS*

| BELT WIDTH | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | PINS PER BOX | MIN. ORDER QTY. |
|---|---|---|---|---|---|---|---|
| **#4½ RECTANGULAR HIGH TENSILE** | | | | | | | |
| 4″ | 4-1/2RHTX(26)W-8 | 01831 | 1.1 | 26 | 8 | 4 | 50 |
| 6½″ | 4-1/2RHTX(41)W-4 | 01846 | 1.1 | 41 | 4 | 2 | 50 |
| 7″ | 4-1/2RHTX(45)W-4 | 01847 | 1.1 | 45 | 4 | 2 | 50 |
| **#4½ - 3 POINT RECTANGULAR HIGH TENSILE** | | | | | | | |
| 7″ | 4-1/2-3RHTX(45)W-4 | 01848 | 1.1 | 45 | 4 | 2 | 50 |
| **#4½ - 4 POINT RECTANGULAR HIGH TENSILE** | | | | | | | |
| 6½″ | 4-1/2-4RHTX(42)W-4 | 01849 | 1.1 | 42 | 4 | 2 | 50 |
| **#3 - 4½ GALVANIZED** | | | | | | | |
| 4″ | 3-4-1/2G(26)W-8 | 01853 | 1.1 | 26 | 8 | 4 | 50 |
| 6½″ | 3-4-1/2G(42)W-4 | 01854 | 1.1 | 42 | 4 | 2 | 50 |
| 10″ | 3-4-1/2G(67)-10POP | 02209 | 1.3 | 67 | 10 | 0 | 25 |

*** NOTE: Point-of-Purchase Baler hooks are made to order (shaded) and have a three week lead time. Boxes include pre-cut Duralink™ Pins as indicated.**

**For extra pin material see pages 17-19.**

**CLIPPER® ORDERING NUMBER REFERENCE**

| | |
|---|---|
| **XSP** | Extra Short Point |
| **SP** | Short Point |
| **LP** | Long Point |
| **XLP** | Extra Long Point |
| **LL** | Long Leg |
| **SL** | Short Leg |
| **G** | Galvanized |
| **HT** | High Tensile |
| **RHTX** | Rectangular Wire |
| **S** | 430 Stainless Steel |
| **SS** | 316 Stainless Steel |

**Stock Items** (non-shaded) standard lead time is 3 working days.

**Made To Order Items** (shaded) extended lead time, minimum order may apply.

**Special Metals** and **Special Length** Cards are available. Request quote for price and delivery.

# Clipper® 1 (40) Series Carded Hooks

## FASTENERS

### GALVANIZED - 6" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 1 SERIES | **WITHOUT PINS** | | | | | | |
| | 1XSP (1D) | 1XSPG6 | 02118 | 0.6 | 50 | 24 | 144 |
| | 1SP (1A) | 1SPG6 | 02267 | 0.6 | 50 | 24 | 144 |
| | 1 | 1G6 | 02072 | 0.6 | 50 | 24 | 144 |
| | 1LLXSP(1DLL) | 1LLXSPG6 | 02119 | 0.6 | 50 | 24 | 144 |
| | 1LLSP (1ALL) | 1LLSPG6 | 02268 | 0.6 | 50 | 24 | 144 |
| | 1LL | 1LLG6 | 02073 | 0.6 | 50 | 24 | 144 |
| | **WITH PINS** | | | | | | |
| | 1XSP (1D) | 1XSPG6NY | 02120 | 0.6 | 50 | 24 | 144 |
| | 1SP (1A) | 1SPG6NY | 02269 | 0.6 | 50 | 24 | 144 |
| | 1 | 1G6NY | 02075 | 0.6 | 50 | 24 | 144 |
| | 1LL | 1LLG6NY | 02076 | 0.6 | 50 | 24 | 144 |

### GALVANIZED - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 1 SERIES | **WITHOUT PINS** | | | | | | |
| | 1XSP (1D) | 1XSPG12 | 02139 | 0.6 | 96 | 12 | 144 |
| | 1SP (1A) | 1SPG12 | 02283 | 0.6 | 96 | 12 | 144 |
| | 1 | 1G12 | 02100 | 0.6 | 96 | 12 | 144 |
| | 1LLXSP (1DLL) | 1LLXSPG12 | 02140 | 0.6 | 96 | 12 | 144 |
| | 1LLSP (1ALL) | 1LLSPG12 | 02284 | 0.6 | 96 | 12 | 144 |
| | 1LL | 1LLG12 | 02101 | 0.6 | 96 | 12 | 144 |
| | **WITH PINS** | | | | | | |
| | 1XSP (1D) | 1XSPG12NY | 02141 | 0.6 | 96 | 12 | 144 |
| | 1SP (1A) | 1SPG12NY | 02285 | 0.6 | 96 | 12 | 144 |
| | 1 | 1G12NY | 02102 | 0.6 | 96 | 12 | 144 |
| | 1LL | 1LLG12NY | 02103 | 0.6 | 96 | 12 | 144 |

### HIGH TENSILE - WITHOUT PINS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 1 SERIES | **6" LENGTHS** | | | | | | |
| | 1XSP (1D) | 1XSPHT6 | 02133 | 0.6 | 50 | 24 | 144 |
| | 1SP (1A) | 1SPHT6 | 02278 | 0.6 | 50 | 24 | 144 |
| | 1 | 1HT6 | 02089 | 0.6 | 50 | 24 | 144 |
| | 1LL | 1LLHT6 | 02090 | 0.6 | 50 | 24 | 144 |
| | **12" LENGTHS** | | | | | | |
| | 1XSP (1D) | 1XSPHT12 | 02149 | 0.6 | 96 | 12 | 144 |
| | 1SP (1A) | 1SPHT12 | 02113 | 0.6 | 96 | 12 | 144 |
| | 1 | 1HT12 | 02242 | 0.6 | 96 | 12 | 144 |
| | 1LLXSP (1DLL) | 1LLXSPHT12 | 02150 | 0.6 | 96 | 12 | 144 |
| | 1LLSP (1ALL) | 1LLSPHT12 | 02114 | 0.6 | 96 | 12 | 144 |
| | 1LL | 1LLHT12 | 02243 | 0.6 | 96 | 12 | 144 |

**NOTE: For 1 (40) Series Carded Hooks, wire diameter = .040" (1.0 mm).**

**For extra pin material see pages 17-19.**

# FASTENERS

## 430 STAINLESS - 6" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 1 SERIES | **WITHOUT PINS** | | | | | | |
| | 1XSP (1D) | 1XSPS6 | 02126 | 0.6 | 50 | 24 | 144 |
| | 1SP (1A) | 1SPS6 | 02272 | 0.6 | 50 | 24 | 144 |
| | 1 | 1S6 | 02079 | 0.6 | 50 | 24 | 144 |
| | 1LL | 1LLS6 | 02080 | 0.6 | 50 | 24 | 144 |
| | **WITH PINS** | | | | | | |
| | 1XSP (1D) | 1XSPS6NYS | 02128 | 0.6 | 50 | 24 | 144 |
| | 1SP (1A) | 1SPS6NYS | 02274 | 0.6 | 50 | 24 | 144 |
| | 1 | 1S6NYS | 02081 | 0.6 | 50 | 24 | 144 |
| | 1LL | 1LLS6NYS | 02082 | 0.6 | 50 | 24 | 144 |

## 430 STAINLESS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 1 SERIES | **WITHOUT PINS** | | | | | | |
| | 1XSP (1D) | 1XSPS12 | 02143 | 0.6 | 96 | 12 | 144 |
| | 1SP (1A) | 1SPS12 | 02287 | 0.6 | 96 | 12 | 144 |
| | 1 | 1S12 | 02104 | 0.6 | 96 | 12 | 144 |
| | 1LLXSP (1DLL) | 1LLXSPS12 | 02144 | 0.6 | 96 | 12 | 144 |
| | 1LLSP (1ALL) | 1LLSPS12 | 02288 | 0.6 | 96 | 12 | 144 |
| | 1LL | 1LLS12 | 02105 | 0.6 | 96 | 12 | 144 |
| | **WITH PINS** | | | | | | |
| | 1XSP (1D) | 1XSPS12NYS | 02145 | 0.6 | 96 | 12 | 144 |
| | 1SP (1A) | 1SPS12NYS | 02289 | 0.6 | 96 | 12 | 144 |
| | 1 | 1S12NYS | 02106 | 0.6 | 96 | 12 | 144 |

## 316L STAINLESS - WITHOUT PINS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 1 SERIES | **6" LENGTHS** | | | | | | |
| | 1XSP (1D) | 1XSPSS6 | 02130 | 0.6 | 50 | 24 | 144 |
| | 1SP (1A) | 1SPSS6 | 02275 | 0.6 | 50 | 24 | 144 |
| | 1 | 1SS6 | 02083 | 0.6 | 50 | 24 | 144 |
| | 1LL | 1LLSS6 | 02084 | 0.6 | 50 | 24 | 144 |
| | **12" LENGTHS** | | | | | | |
| | 1XSP (1D) | 1XSPSS12 | 02146 | 0.6 | 96 | 12 | 144 |
| | 1SP (1A) | 1SPSS12 | 02110 | 0.6 | 96 | 12 | 144 |
| | 1 | 1SS12 | 02239 | 0.6 | 96 | 12 | 144 |
| | 1LLXSP (1DLL) | 1LLXSPSS12 | 02147 | 0.6 | 96 | 12 | 144 |
| | 1LLSP (1ALL) | 1LLSPSS12 | 02111 | 0.6 | 96 | 12 | 144 |
| | 1LL | 1LLSS12 | 02240 | 0.6 | 96 | 12 | 144 |

**NOTE: For 1 (40) Series Carded Hooks wire diameter = .040" (1.0 mm).**

**For extra pin material see pages 17-19.**

**Stock Items** (non-shaded) standard lead time is 3 working days.

**Made To Order Items** (shaded) extended lead time, minimum order may apply.

**Special Metals** and **Special Length** Cards are available. Request quote for price and delivery.

# Clipper® 36, 30, & AP Series Hooks

## FASTENERS

### 316L STAINLESS - WITHOUT PINS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 36 | 36SP | 36SPSS | 02382 | 0.8 | 120 | 12 | 144 |
| | 36LLSP | 36LLSPSS | 02383 | 1.0 | 120 | 12 | 144 |
| | 36 | 36SS | 02378 | 0.8 | 120 | 12 | 144 |
| | 36LL | 36LLSS | 02379 | 0.8 | 120 | 12 | 144 |
| | 36LLLP | 36LLLPSS | 02386 | 0.8 | 120 | 12 | 144 |

**NOTE: For 36 Series Hooks wire diameter = .036" x .027" (0.9 mm x 0.7 mm).**

**For 30 Series Hooks wire diameter = .030" (0.8 mm).**

**For AP Series Hooks, wire diameter = .047" (1.2 mm).**

**For extra pin material see pages 17-19.**

### HASTELLOY - WITHOUT PINS - 12" LENGTHS

| | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| 36 | 36SP | 36SPH | 02384 | 0.8 | 120 | 12 | 144 |
| | 36LLSP | 36LLSPH | 02385 | 1.0 | 120 | 12 | 144 |
| | 36 | 36H | 02380 | 0.8 | 120 | 12 | 144 |
| | 36LL | 36LLH | 02381 | 1.0 | 120 | 12 | 144 |

### 316L STAINLESS – WITHOUT HINGE PINS – 12" LENGTHS

| | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|
| 30 | 30SS | 18180 | 1.0 | 120 | 24 | 288 |
| | 30PSS | 18181 | 1.0 | 120 | 24 | 288 |
| | 30LSS | 18182 | 1.2 | 120 | 24 | 288 |
| | 30LPSS | 18183 | 1.3 | 120 | 24 | 288 |

### AP CARDED HOOKS LOW PROFILE 316 STAINLESS – WITHOUT HINGE PINS – 12" LENGTHS

| | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|
| 4-6 | 4APSS | 18904 | 1.4 | 84 | 12 | 144 |
| | 5APSS | 18905 | 1.5 | 84 | 12 | 144 |
| | 6APSS | 18906 | 1.8 | 84 | 12 | 144 |
| | 6APPSS | 18907 | 1.9 | 84 | 12 | 144 |

**CLIPPER® ORDERING NUMBER REFERENCE**

| | |
|---|---|
| **XSP** | Extra Short Point |
| **SP** | Short Point |
| **LP** | Long Point |
| **XLP** | Extra Long Point |
| **LL** | Long Leg |
| **SL** | Short Leg |
| **G** | Galvanized |
| **HT** | High Tensile |
| **RHTX** | Rectangular Wire |
| **S** | 430 Stainless Steel |
| **SS** | 316 Stainless Steel |

# FASTENERS

## GALVANIZED - 6" LENGTHS

| 25 SERIES | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| | **WITHOUT PINS** | | | | | | |
| | 25 | 25G6 | 01746 | 0.8 | 85 | 48 | 288 |
| | 25LP | 25LPG6 | 01985 | 0.8 | 85 | 48 | 288 |
| | 25LL | 25LLG6 | 01748 | 0.8 | 85 | 24 | 144 |
| | **WITH PINS** | | | | | | |
| | 25 | 25G6NY | 01752 | 0.8 | 85 | 48 | 288 |
| | 25LP | 25LPG6NY | 01987 | 0.8 | 85 | 48 | 288 |
| | 25LL | 25LLG6NY | 01754 | 0.8 | 85 | 24 | 144 |

## GALVANIZED - 12" LENGTHS

| 25 SERIES | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| | **WITHOUT PINS - 12 Cards/Box** | | | | | | |
| | 25 | 25G12 | 01810 | 0.8 | 179 | 12 | 144 |
| | 25LP | 25LPG12 | 02006 | 0.8 | 179 | 12 | 144 |
| | 25LL | 25LLG12 | 01811 | 1.1 | 179 | 12 | 144 |
| | **WITH PINS - 12 Cards/Box** | | | | | | |
| | 25 | 25G12NY | 01813 | 0.8 | 179 | 12 | 144 |
| | 25LP | 25LPG12NY | 02008 | 0.8 | 179 | 12 | 144 |
| | 25LL | 25LLG12NY | 01814 | 1.1 | 179 | 12 | 144 |

## 316L STAINLESS - 6" LENGTHS

| 25 SERIES | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| | **WITHOUT PINS** | | | | | | |
| | 25 | 25SS6 | 01764 | 0.8 | 85 | 48 | 288 |
| | 25LP | 25LPSS6 | 01990 | 0.8 | 85 | 48 | 288 |
| | 25LL | 25LLSS6 | 01766 | 0.8 | 85 | 24 | 144 |
| | **WITH PINS** | | | | | | |
| | 25 | 25SS6NYS | 01772 | 0.8 | 85 | 48 | 288 |
| | 25LP | 25LPSS6NYS | 01993 | 0.8 | 85 | 48 | 288 |
| | 25LL | 25LLSS6NYS | 01774 | 0.8 | 85 | 24 | 144 |

## 316L STAINLESS - 12" LENGTHS

| 25 SERIES | HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|
| | **WITHOUT PINS - 12 Cards/Box** | | | | | | |
| | 25 | 25SS12 | 01817 | 0.8 | 179 | 12 | 144 |
| | 25LP | 25LPSS12 | 02010 | 0.8 | 179 | 12 | 144 |
| | 25LL | 25LLSS12 | 01818 | 0.8 | 179 | 12 | 144 |
| | **WITH PINS - 12 Cards/Box** | | | | | | |
| | 25 | 25SS12NYS | 01821 | 0.8 | 179 | 12 | 144 |
| | 25LP | 25LPSS12NYS | 02012 | 0.8 | 179 | 12 | 144 |

**NOTE: For 25 Series Hooks, wire diameter = .025" (.64 mm).**

**For extra pin material see pages 17-19.**

**CLIPPER® ORDERING NUMBER REFERENCE**

| | |
|---|---|
| **XSP** | Extra Short Point |
| **SP** | Short Point |
| **LP** | Long Point |
| **XLP** | Extra Long Point |
| **LL** | Long Leg |
| **SL** | Short Leg |
| **G** | Galvanized |
| **HT** | High Tensile |
| **RHTX** | Rectangular Wire |
| **S** | 430 Stainless Steel |
| **SS** | 316 Stainless Steel |

**Stock Items** (non-shaded) standard lead time is 3 working days.

**Made To Order Items** (shaded) extended lead time, minimum order may apply.

**Special Metals** and **Special Length** Cards are available. Request quote for price and delivery.

# Clipper® 25 Series Hooks

## PRECUT #25 HOOKS (with Pins)

### GALVANIZED- WITH NYLOSTEEL PINS

| | BELT WIDTH in. | mm. | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|---|
| 25 SERIES | 5/8 | 16 | 25G5/8NY | 01841 | 0.3 | 7 & 8 | 200 | 125 |
| | 3/4 | 19 | 25G3/4NY | 01859 | 0.3 | 8 & 9 | 200 | 150 |
| | 7/8 | 22.5 | 25G7/8NY | 01864 | 0.4 | 10 & 11 | 200 | 175 |
| | 1 | 25.5 | 25G1NY | 01871 | 0.5 | 12 & 13 | 200 | 200 |
| | 1-1/4 | 32 | 25G1-1/4NY | 01884 | 0.6 | 15 & 16 | 200 | 250 |
| | 1-1/2 | 38.5 | 25G1-1/2NY | 01891 | 0.7 | 19 & 20 | 200 | 300 |
| | 1-3/4 | 44.5 | 25G1-3/4NY | 01911 | 0.8 | 22 & 23 | 200 | 350 |
| | 1-7/8 | 48 | 25G1-7/8NY | 01917 | 0.9 | 24 & 25 | 200 | 375 |
| | 2 | 51 | 25G2NY | 01926 | 0.9 | 26 & 27 | 200 | 400 |
| | 2-1/4 | 57.5 | 25G2-1/4NY | 01939 | 1.1 | 30 & 31 | 200 | 450 |
| | 2-1/2 | 63.5 | 25G2-1/2NY | 01946 | 1.1 | 33 & 34 | 200 | 500 |
| | 2-3/4 | 70 | 25G2-3/4NY | 01954 | 1.3 | 37 & 38 | 200 | 550 |
| | 3 | 76.5 | 25G3NY | 01963 | 1.4 | 39 & 40 | 200 | 600 |
| | 3-1/4 | 83 | 25G3-1/4NY | 01828 | 0.8 | 42 & 43 | 100 | 325 |
| | 3-1/2 | 89 | 25G3-1/2NY | 01786 | 0.8 | 46 & 47 | 100 | 350 |
| | 4 | 102 | 25G4NY | 01732 | 1.0 | 54 & 55 | 100 | 400 |
| | 4-1/2 | 115 | 25G4-1/2NY | 01798 | 1.2 | 61 & 62 | 100 | 450 |

**NOTE: #25 Hooks are available with Long Point. Contact Customer Service for information.**

**For extra pin material see pages 17-19.**

### 316L STAINLESS STEEL- WITH NYLOSTAINLESS PINS

| | BELT WIDTH in. | mm. | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER CARD | CARDS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|---|---|
| 25 SERIES | 5/8 | 16 | 25SS5/8NYS | 01845 | 0.3 | 7 & 8 | 200 | 125 |
| | 3/4 | 19 | 25SS3/4NYS | 01861 | 0.3 | 8 & 9 | 200 | 150 |
| | 1 | 25.5 | 25SS1NYS | 01879 | 0.5 | 12 & 13 | 200 | 200 |
| | 1-1/4 | 32 | 25SS1-1/4NYS | 01887 | 0.6 | 15 & 16 | 200 | 250 |
| | 1-1/2 | 38.5 | 25SS1-1/2NYS | 01898 | 0.7 | 19 & 20 | 200 | 300 |
| | 1-7/8 | 48 | 25SS1-7/8NYS | 01920 | 0.9 | 24 & 25 | 200 | 375 |
| | 2 | 51 | 25SS2NYS | 01933 | 0.9 | 26 & 27 | 200 | 400 |
| | 2-1/4 | 57.5 | 25SS2-1/4NYS | 01941 | 1.1 | 30 & 31 | 200 | 450 |
| | 2-1/2 | 63.5 | 25SS2-1/2NYS | 01949 | 1.1 | 33 & 34 | 200 | 500 |
| | 2-3/4 | 70 | 25SS2-3/4NYS | 01958 | 1.3 | 37 & 38 | 200 | 550 |
| | 3 | 76.5 | 25SS3NYS | 01970 | 1.4 | 39 & 40 | 200 | 600 |
| | 3-1/2 | 89 | 25SS3-1/2NYS | 01793 | 0.8 | 46 & 47 | 100 | 350 |
| | 4 | 102 | 25SS4NYS | 01744 | 1.0 | 54 & 55 | 100 | 400 |

**Stock Items** (non-shaded) standard lead time is 3 working days.

**Made To Order Items** (shaded) extended lead time, minimum order may apply.

**Special Metals** and **Special Length** Cards are available. Request quote for price and delivery.

**CLIPPER® ORDERING NUMBER REFERENCE**

| | |
|---|---|
| **XSP** | Extra Short Point |
| **SP** | Short Point |
| **LP** | Long Point |
| **XLP** | Extra Long Point |
| **LL** | Long Leg |
| **SL** | Short Leg |
| **G** | Galvanized |
| **HT** | High Tensile |
| **RHTX** | Rectangular Wire |
| **S** | 430 Stainless Steel |
| **SS** | 316 Stainless Steel |

# Clipper® Unibar® Hooks

## 430 STAINLESS - WITHOUT PINS

**UX-1, U2SP-U7**

| HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER STRIP | STRIPS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|
| **6" STRIPS - 24 STRIPS PER BOX** | | | | | | |
| UX-1SP | UX1SPS6 | 01183 | 0.7 | 44 | 24 | 144 |
| UX-1 | UX1S6 | 01178 | 0.7 | 44 | 24 | 144 |
| U3-1 | U3-1S6 | 01143 | 1.3 | 38 | 24 | 144 |
| U3-2 | U3-2S6 | 01230 | 1.3 | 38 | 24 | 144 |
| U3 | U3S6 | 01254 | 1.3 | 38 | 24 | 144 |
| **12" STRIPS - 12 STRIPS PER BOX** | | | | | | |
| UX-1SP | UX1SPS12 | 01184 | 0.7 | 96 | 12 | 144 |
| UX-1 | UX1S12 | 01179 | 0.8 | 96 | 12 | 144 |
| UX-1LLSP | UX1LLSPS12 | 01338 | 1.0 | 96 | 12 | 144 |
| UX-1LL | UX1LLS12 | 01336 | 1.0 | 96 | 12 | 144 |
| U2SP | U2SPS12 | 18851 | 1.2 | 84 | 12 | 144 |
| U2 | U2S12 | 18400 | 1.2 | 84 | 12 | 144 |
| U3 | U3S12 | 01255 | 1.3 | 84 | 12 | 144 |
| U3RHTS | U3RHTS12 | 05340 | 1.3 | 84 | 12 | 144 |
| U3-1 | U3-1S12 | 01144 | 1.3 | 84 | 12 | 144 |
| U3-1RHTS | U3-1RHTS12 | 05338 | 1.3 | 84 | 12 | 144 |
| U3-2 | U3-2S12 | 01231 | 1.3 | 84 | 12 | 144 |
| U3-2RHTS | U3-2RHTS12 | 05339 | 1.3 | 84 | 12 | 144 |
| U4 | U4S12 | 01283 | 1.7 | 84 | 12 | 144 |
| U5 | U5S12 | 01305 | 1.8 | 84 | 12 | 144 |
| U6 | U6S12 | 18404 | 1.9 | 84 | 12 | 144 |
| U7 | U7S12 | 01294 | 2.0 | 84 | 12 | 144 |
| **24" STRIPS - 10 STRIPS PER BOX** | | | | | | |
| UX-1SP | UX1SPS24 | 01355 | 1.3 | 188 | 10 | 240 |
| UX-1 | UX1S24 | 01356 | 1.3 | 188 | 10 | 240 |
| UX-1LLSP | UX1LLSPS24 | 01359 | 1.4 | 188 | 10 | 240 |
| UX-1LL | UX1LLS24 | 01360 | 1.4 | 188 | 10 | 240 |
| U2SP | U2SPS24 | 18854 | 2.0 | 162 | 10 | 240 |
| U2 | U2S24 | 18477 | 2.0 | 162 | 10 | 240 |
| U3-1 | U3-1S24 | 01363 | 2.2 | 162 | 10 | 240 |
| U3-1RHTS | U3-1RHTS24 | 05341 | 1.3 | 162 | 10 | 240 |
| U3-2 | U3-2S24 | 01361 | 2.2 | 162 | 10 | 240 |
| U3-2RHTS | U3-2RHTS24 | 05342 | 1.3 | 162 | 10 | 240 |
| U3 | U3S24 | 18478 | 2.2 | 162 | 10 | 240 |
| U3RHTS | U3RHTS24 | 05343 | 1.3 | 162 | 10 | 240 |
| U4 | U4S24 | 18479 | 2.5 | 162 | 10 | 240 |
| U5 | U5S24 | 01351 | 2.8 | 162 | 10 | 240 |

## COATED STEEL™ - WITHOUT PINS

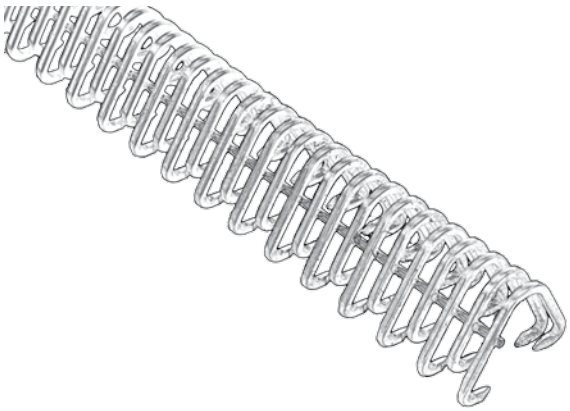
**U1-U5**

| HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER STRIP | STRIPS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|
| **6" STRIPS - 24 STRIPS PER BOX** | | | | | | |
| U3-1 | U3-1C6 | 01137 | 1.3 | 38 | 24 | 144 |
| U3-2 | U3-2C6 | 01125 | 1.3 | 38 | 24 | 144 |
| U3 | U3C6 | 01250 | 1.3 | 38 | 24 | 144 |
| **12" STRIPS - 12 STRIPS PER BOX** | | | | | | |
| U2SP | U2SPC12 | 18850 | 1.2 | 84 | 12 | 144 |
| U2 | U2C12 | 18370 | 1.2 | 84 | 12 | 144 |
| U3-1 | U3-1C12 | 01138 | 1.3 | 84 | 12 | 144 |
| U3-2 | U3-2C12 | 01126 | 1.4 | 84 | 12 | 144 |
| U3 | U3C12 | 01251 | 1.3 | 84 | 12 | 144 |
| U4 | U4C12 | 01279 | 1.7 | 84 | 12 | 144 |
| U5 | U5C12 | 01301 | 1.8 | 84 | 12 | 144 |
| U6 | U6C12 | 18374 | 1.9 | 84 | 12 | 144 |
| **24" STRIPS - 10 STRIPS PER BOX** | | | | | | |
| U2 | U2C24 | 18453 | 2.0 | 162 | 10 | 240 |
| U3-1 | U3-1C24 | 01364 | 2.2 | 162 | 10 | 240 |
| U3-2 | U3-2C24 | 01362 | 2.2 | 162 | 10 | 240 |
| U3 | U3C24 | 18454 | 2.2 | 162 | 10 | 240 |
| U4 | U4C24 | 18455 | 2.5 | 162 | 10 | 240 |
| U5 | U5C24 | 01352 | 2.8 | 162 | 10 | 240 |

## STAINLESS RECTANGULAR HIGH TENSILE -WITHOUT PINS

**U3**

| HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER STRIP | STRIPS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|
| **12" STRIPS - 12 STRIPS PER BOX** | | | | | | |
| U3-1 | U3-1RHTS12 | 05338 | 1.3 | 84 | 12 | 144 |
| U3-2 | U3-2RHTS12 | 05339 | 1.4 | 84 | 12 | 144 |
| U3 | U3-RHTS12 | 05340 | 1.3 | 84 | 12 | 144 |
| **24" STRIPS - 10 STRIPS PER BOX** | | | | | | |
| U3-1 | U3-1RHTS24 | 05341 | 2.2 | 162 | 10 | 240 |
| U3-2 | U3-2RHTS24 | 05342 | 2.2 | 162 | 10 | 240 |
| U3 | U3-RHTS24 | 05343 | 2.2 | 162 | 10 | 240 |



**NOTE: For U2SP-U7 Hooks, wire diameter = .054" (1.4 mm). For UX1 Hooks, wire diameter = .040" (1.0 mm). For UCM-36 Hooks, wire diameter = .036" x .027" (0.9 mm x 0.7 mm).**

**For extra pin material see pages 17-19.**

**HOOK SIZE EXPLANATION:**

**U3-1 = #3 Leg with #1 point**

**U3-2 = #3 Leg with #2 point**

**U2 = #2 Leg with #2 point**

## 316L STAINLESS - WITHOUT PINS

**UCM36, UX-1, U2-U5**

| HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER STRIP | STRIPS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|
| **6" STRIPS - 24 STRIPS PER BOX** | | | | | | |
| UX-1SP | UX1SPSS6 | 01193 | 0.7 | 44 | 24 | 144 |
| UX-1 | UX1SS6 | 01188 | 0.8 | 44 | 24 | 144 |
| **12" STRIPS - 12 STRIPS PER BOX** | | | | | | |
| UCM36 SLXSP | UCM36SLXSPSS12 | 01315 | 0.8 | 120 | 12 | 144 |
| UCM36 SLSP | UCM36SLSPSS12 | 01313 | 0.8 | 120 | 12 | 144 |
| UCM36 XSP | UCM36XSPSS12 | 01312 | 0.8 | 120 | 12 | 144 |
| UCM36 SP | UCM36SPSS12 | 01314 | 0.8 | 120 | 12 | 144 |
| UCM36 | UCM36SS12 | 01309 | 1.0 | 120 | 12 | 144 |
| UCM36LP | UCM36LPSS12 | 01317 | 0.9 | 120 | 12 | 144 |
| UCM36LLSP | UCM36LLSPSS12 | 01318 | 0.9 | 120 | 12 | 144 |
| UCM36LL | UCM36LLSS12 | 01308 | 1.0 | 120 | 12 | 144 |
| UX-1SP | UX1SPSS12 | 01194 | 0.7 | 96 | 12 | 144 |
| UX-1 | UX1SS12 | 01189 | 0.8 | 96 | 12 | 144 |
| UX-1LLSP | UX1LLSPSS12 | 01342 | 1.0 | 96 | 12 | 144 |
| UX-1LL | UX1LLSS12 | 01340 | 1.0 | 96 | 12 | 144 |
| UA2 | UA2SS12 | 01292 | 1.1 | 120 | 12 | 144 |
| UA3 | UA3SS12 | 01293 | 1.1 | 120 | 12 | 144 |
| U2 | U2SS12 | 18427 | 1.2 | 84 | 12 | 144 |
| U3 | U3SS12 | 01258 | 1.6 | 84 | 12 | 144 |
| U4 | U4SS12 | 18429 | 1.8 | 84 | 12 | 144 |
| U5 | U5SS12 | 18430 | 1.8 | 84 | 12 | 144 |
| **24" STRIPS - 10 STRIPS PER BOX** | | | | | | |
| UX-1SP | UX1SPSS24 | 01354 | 1.0 | 188 | 10 | 240 |
| UX-1 | UX1SS24 | 01353 | 0.8 | 188 | 10 | 240 |
| UX-1LLSP | UX1LLSPSS24 | 01358 | 1.0 | 188 | 10 | 240 |
| UX-1LL | UX1LLSS24 | 01357 | 1.0 | 188 | 10 | 240 |
| U2 | U2SS24 | 18507 | 2.0 | 162 | 10 | 240 |
| **24" STRIPS - 12 STRIPS PER BOX** | | | | | | |
| UCM36 SLXSP | UCM36SLXSPSS24 | 01319 | 1.3 | 234 | 12 | 288 |
| UCM36 SLSP | UCM36SLSPSS24 | 01320 | 1.3 | 234 | 12 | 288 |
| UCM36 XSP | UCM36XSPSS24 | 01321 | 1.4 | 234 | 12 | 288 |
| UCM36 SP | UCM36SPSS24 | 01322 | 1.4 | 234 | 12 | 288 |
| UCM36 | UCM36SS24 | 01323 | 1.4 | 234 | 12 | 288 |
| UCM36LP | UCM36LPSS24 | 01385 | 1.4 | 234 | 12 | 288 |
| UCM36LLSP | UCM36LLSPSS24 | 01324 | 1.6 | 234 | 12 | 288 |
| UCM36LL | UCM36LLSS24 | 01325 | 1.6 | 234 | 12 | 288 |

**For extra pin material see pages 17-19.**

## COATED STEEL™ - WITH PINS

**U2-U6**

| HOOK SIZE | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER STRIP | STRIPS PER BOX | LACING INCHES PER BOX |
|---|---|---|---|---|---|---|
| **12" STRIPS - 12 STRIPS PER BOX** | | | | | | |
| U2 | U2C12W | 18540 | 1.2 | 84 | 12 | 144 |
| U3 | U3C12W | 18541 | 1.4 | 84 | 12 | 144 |
| U4 | U4C12W | 18542 | 1.6 | 84 | 12 | 144 |
| U5 | U5C12W | 18543 | 1.9 | 84 | 12 | 144 |
| U6 | U6C12W | 18544 | 2.1 | 84 | 12 | 144 |

**CLIPPER® ORDERING NUMBER REFERENCE**

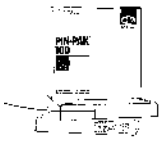
| | |
|---|---|
| **XSP** | Extra Short Point |
| **SP** | Short Point |
| **LP** | Long Point |
| **XLP** | Extra Long Point |
| **LL** | Long Leg |
| **SL** | Short Leg |
| **G** | Galvanized |
| **HT** | High Tensile |
| **RHTX** | Rectangular Wire |
| **S** | 430 Stainless Steel |
| **SS** | 316 Stainless Steel |

**Stock Items** (non-shaded) standard lead time is 3 working days.

**Made To Order Items** (shaded) extended lead time, minimum order may apply.

**Special Metals** and **Special Length** Cards are available. Request quote for price and delivery.

# Clipper® Connecting Pins

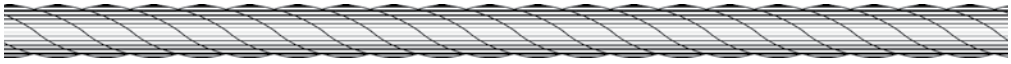


## CONNECTING PIN SPECIFICATIONS

| Pin Diameter | .065" (1/16") 1.7 mm (previously #25) | .093" (3/32") 2.4 mm (previously #13) | .109" (7/64") 2.8 mm (previously #12) | .125" (1/8") 3.2 mm (previously #11) | .156" (5/32") 4.0 mm (previously #9) |
|---|---|---|---|---|---|
| Clipper® Hook Size | 25's, 36's, 1's, UCM36's, UX-1's | 2, 3, U2SP, U2 U3-1, U3-2, U3 | 4 & U4 | 4 ½, 5, U5 | 6, 7, U6 & U7 |

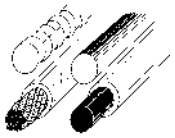
| Connecting Pin Types | Abbreviation | Pin Wear Factor | Hook Wear Factor | Rigidity | Magnetic | Flexibility | Composition |
|---|---|---|---|---|---|---|---|
| **Nylosteel** | NY | Good | Good | Good | Yes | Good | Nylon & music wire |
| **Nylostainless** | NYS | Good | Good | Good | Slightly | Good | Nylon & 300SS spring wire |
| **Nylon Covered Cable** | NCS | Good | Good | Average | Slightly | Good | Nylon & 300SS cable |
| **Music Wire** | MW | Good | Poor | Excellent | Yes | Poor | High-carbon spring-tempered steel |
| **Cold-Rolled Steel** | Smooth - SM Notched - N | Average | Fair | Excellent | Yes | Fair to Poor | Mild cold-rolled steel |
| **Stainless Steel** | Smooth - SMS Notched - NS | Average | Fair | Excellent | Slightly | Fair to Poor | 302 or 300 stainless steel |
| **Duralink™** | DL | Excellent | Excellent | Average | Slightly | Good | Wear-resistant nylon & 300SS cable |
| **Bare Stainless Cable** | SMSC | Average | Fair | Average | Slightly | Good | 300SS cable |
| **DuraStainless™** | DSS | Excellent | Excellent | Good | Slightly | Good | Wear resistant nylon & 300SS spring wire |
| **Nylon Plus** | NP | Good | Excellent | Fair | No | Excellent | Nylon |

## PINPAK™ 100



### (100 ft. of connecting pin with dispenser)

| PIN DIAMETER | ORDERING NUMBER | ITEM CODE | WT. LBS. | PIN DIAMETER | ORDERING NUMBER | ITEM CODE | WT. LBS. | PIN DIAMETER | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NYLOSTEEL** | | | | **NYLOSTAINLESS** | | | | **NYLON COVERED CABLE** | | | |
| .053 | NY053-C | 18700 | 1.6 | .053 | NYS053-C | 18701 | 1.6 | .053 | | | |
| .065 | NY065-C | 02598 | 1.6 | .065 | NYS065-C | 02649 | 1.6 | .065 | NCS065-C | 02751 | 1.7 |
| .079 | NY079-C | 18720 | 1.8 | .079 | NYS079-C | 18721 | 1.8 | .079 | | | |
| .093 | NY093-C | 02628 | 2.0 | .093 | NYS093-C | 02670 | 2.0 | .093 | NCS093-C | 02767 | 1.7 |
| .109 | NY109-C | 02622 | 2.1 | .109 | NYS109-C | 02664 | 2.1 | .109 | | | |
| .125 | NY125-C | 02614 | 2.2 | .125 | NYS125-C | 02658 | 2.2 | .125 | NCS125-C | 02762 | 3.0 |
| .156 | NY156-C | 02607 | 2.5 | .156 | NYS156-C | 02652 | 2.5 | .156 | NCS156-C | 02756 | 3.3 |
| **NYLON PLUS** | | | | **DURALINK™** | | | | **DURASTAINLESS™** | | | |
| .053 | NP053-C | 02863 | 1.6 | | | | | | | | |
| .065 | NP065-C | 02854 | 1.6 | .065 | DL065-C | 02726 | 1.8 | .065 | DSS065-C | 02826 | 1.8 |
| .079 | NP079-C | 02872 | 1.8 | | | | | | | | |
| .093 | NP093-C | 02867 | 2.0 | .093 | DL093-C | 02743 | 2.1 | .093 | DSS093-C | 02830 | 2.1 |
| .109 | NP109-C | 02861 | 2.1 | .109 | DL109-C | 02737 | 2.2 | .109 | DSS109-C | 02834 | 2.2 |
| .125 | NP125-C | 02864 | 2.2 | .125 | DL125-C | 02732 | 2.3 | | | | |
| .156 | NP156-C | 02873 | 2.5 | | | | | | | | |

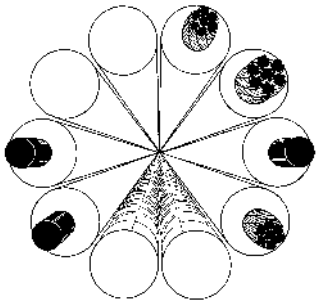


# Clipper® Connecting Pins

## NYLON COVERED LEADER ASSEMBLIES

| PIN DIAMETER | ORDERING NUMBER | ITEM CODE | PIN LENGTH | LEADER LENGTH |
|---|---|---|---|---|
| **NYLON COVERED CABLE** | | | | |
| .065 | NCS065X10FT-W/10FT | 05021 | 10 | 10 |
| .065 | NCS065X25FT-W/5FT | 05022 | 25 | 5 |
| .093 | NCS093X5FT-W/5FT | 05194 | 5 | 5 |
| .093 | NCS093X10FT-W/10FT | 05023 | 10 | 10 |
| .093 | NCS093X15FT-W/2FT | 05195 | 15 | 2 |
| .093 | NCS093X25FT-W/5FT | 05024 | 25 | 5 |
| .093 | NCS093X25FT-W/10FT | 05025 | 25 | 10 |
| .093 | NCS093X50FT-W/4FT | 05196 | 50 | 4 |
| **DURALINK™** | | | | |
| .065 | DL065X25FT-W/5FT | 05193 | 25 | 5 |
| .093 | DL093X10FT-W/10FT | 05020 | 10 | 10 |
| .093 | DL093X25FT-W/5FT | 05019 | 25 | 5 |

Other sizes can be custom ordered.



# 12" PRE-CUT PINS

**(24 pins per package)**

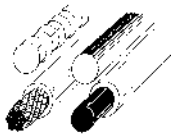
| PIN DIAMETER | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE |
|---|---|---|---|---|---|---|
| | **NYLOSTEEL** | | **NYLOSTAINLESS** | | **NYLON PLUS** | |
| .065 | NY065-12 | 02592 | NYS065-12 | 02644 | NP065-12 | 02847 |
| .093 | NY093-12 | 02625 | NYS093-12 | 02668 | NP093-12 | 02865 |
| .109 | NY109-12 | 02619 | NYS109-12 | 02662 | NP109-12 | 02859 |
| .125 | NY125-12 | 02611 | NYS125-12 | 02656 | NP125-12 | 02833 |
| .156 | NY156-12 | 02600 | NYS156-12 | 02650 | NP156-12 | 02832 |

## CONNECTING PIN TOOLS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE |
|---|---|---|
| Pin and Cable Cutter | APC-1 | 50004 |
| Pin and Cable Stripper | CABLE STRIPPER | 03241 |

# .065" PRE-CUT PINS

| BELT WIDTH in. | mm. | PINS/ PACKAGE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE |
|---|---|---|---|---|---|---|
| | | **NYLOSTEEL** | | | **NYLOSTAINLESS** | |
| ⅝" | 16 | 100 | | | NYS065-5/8-100 | 02632 |
| ¾" | 19 | 100 | NY065-3/4-100 | 02576 | | |
| ⅞" | 22.5 | 100 | NY065-7/8-100 | 02574 | | |
| 1" | 25.5 | 100 | NY065-1-100 | 02577 | NYS065-1-100 | 02637 |
| 1 ¼" | 32 | 100 | NY065-1-1/4-100 | 02578 | NYS065-1-1/4-100 | 02633 |
| 1 ½" | 38.5 | 100 | NY065-1-1/2-100 | 02579 | NYS065-1-1/2-100 | 02634 |
| 1¾" | 44.5 | 100 | NY065-1-3/4-100 | 02580 | | |
| 1 ⅞" | 48 | 100 | NY065-1-7/8-100 | 02581 | NYS065-1-7/8-100 | 02635 |
| 2" | 51 | 100 | NY065-2-100 | 02582 | NYS065-2-100 | 02638 |
| 2 ¼" | 57.5 | 100 | NY065-2-1/4-100 | 02583 | NYS065-2-1/4-100 | 02639 |
| 2 ½" | 63.5 | 100 | NY065-2-1/2-100 | 02584 | NYS065-2-1/2-100 | 02640 |
| 2 ¾" | 70 | 100 | NY065-2-3/4-100 | 02585 | | |
| 3" | 76.5 | 100 | NY065-3-100 | 02586 | NYS065-3-100 | 02641 |
| 3 ¼" | 83 | 50 | NY065-3-1/4-50 | 02587 | NYS065-3-1/4-50 | 02636 |
| 3 ½" | 87 | 50 | NY065-3-1/2-50 | 02588 | | |
| 4" | 102 | 50 | NY065-4-50 | 02589 | NYS065-4-50 | 02642 |
| 4 ½" | 115 | 50 | NY065-4-1/2-50 | 02590 | | |
| 6" | 152 | 24 | NY065-6-24 | 02591 | NYS065-6-24 | 02643 |



# CONNECTING PINS IN COILS

**(25 ft. minimum)**

| PIN DIAMETER | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE |
|---|---|---|---|---|---|---|
| **NYLOSTEEL** | | | **NYLOSTAINLESS** | | **NYLON COVERED CABLE** | |
| .053 | NY053 | 02594 | NYS053 | 02645 | | |
| .065 | NY065 | 02597 | NYS065 | 02648 | NCS065 | 02750 |
| .079 | NY079 | 02595 | NYS079 | 02646 | | |
| .093 | NY093 | 02627 | NYS093 | 02669 | NCS093 | 02766 |
| .109 | NY109 | 02621 | NYS109 | 02663 | NCS125 | 02761 |
| .125 | NY125 | 02613 | NYS125 | 02657 | NCS156 | 02755 |
| .156 | NY156 | 02606 | NYS156 | 02651 | | |
| **DURALINK™** | | | **DURASTAINLESS™** | | | |
| .065 | DL065 | 02725 | DSS065 | 02727 | | |
| .079 | DL079 | 04316 | | | | |
| .093 | DL093 | 02742 | DSS093 | 02744 | | |
| .109 | DL109 | 02736 | DSS109 | 02738 | | |
| .125 | DL125 | 02731 | | | | |
| **SMOOTH STEEL** | | | **NOTCHED STEEL** | | **SMOOTH SS** | |
| .040 | | | | | SMS040 | 02772 |
| .054 | SM054 | 02771 | N054 | 02775 | SMS054 | 02779 |
| .093 | SM093 | 02773 | N093 | 02777 | SMS093 | 02781 |
| **NOTCHED SS** | | | **NYLON PLUS** | | **BARE SS CABLE** | |
| .053/.054 | NS054 | 02783 | NP053 | 02868 | | |
| .065 | | | NP065 | 02853 | SMSC065 | 02769 |
| .079 | | | NP079 | 02869 | | |
| .093 | NS093 | 02784 | NP093 | 02866 | SMSC093 | 02770 |
| .109 | | | NP109 | 02860 | | |
| .125 | | | NP125 | 02870 | | |
| .156 | | | NP156 | 02871 | | |

**NOTE:** For coils less than 25 ft., call Flexco Customer Service.

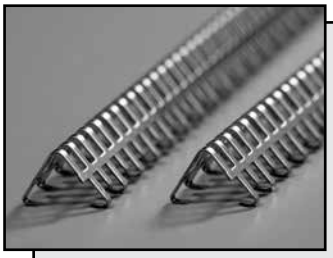
## MUSIC WIRE

| PIN DIAMETER | DESCRIPTION | ORDERING NUMBER | ITEM CODE |
|---|---|---|---|
| .043" | Per Foot | MW043 | 02787 |
| .054" | Per Foot | MW054 | 02788 |
| .072" | 12 Foot Lengths | MW072 | 02789 |
| .090" | 12 Foot Lengths | MW090 | 02791 |
| .090" | 100 Foot Lengths | MW090-100 | 02790 |

## STRIPPED LEADERS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE |
|---|---|---|
| .093 x 123" Nylosteel with 63" Stripped Leader | NY093-123 | 02629 |
| .093 x 246" Nylosteel with 63" Stripped Leader | NY093-246 | 02630 |
| .093 x 100' Nylosteel with 63" Stripped Leader | NY093-100 | 02631 |
| .093 x 123" DuraStainless™ with 63" Stripped Leader | DSS093-123 | 04093 |
| .093 x 246" DuraStainless™ with 63" Stripped Leader | DSS093-246 | 04044 |

**Stock Items** (non-shaded) carried in factory inventory.
**Made To Order Items** (shaded) have added lead time.
**Non-Listed Items** are available.
Request quote for price and delivery.



## How Clipper® G Series™ Lacing Works

Clipper® G Series™ Lacing is precision-stamped belt lacing from 316L stainless steel, ensuring a consistent 4.00 mm pitch over the entire length of the lace. The staggered leg geometry features four alternating point levels between the top and bottom of the lace which provides varying points of penetration versus a continuous line, increasing the strength and durability of the splice.

G Series is machine-applied for consistent compression, resulting in a uniform and flat splice, even with belts that are prone to belt wave. Corrugated stainless steel connecting pins prevent migration during use.

### Applications

- Food Manufacturing
- Agriculture Equipment
- Package and Parts Handling
- Filter Media
- Slider Bed Systems

### Installation Method

Clipper G Series Lacing can be installed with the Pro 600 or 6000 production lacers, Roller Lacer®, Roller Lacer® Gold Class™, or with a Clipper® Microlacer®.

### What You Need for Installation

- G Series Lacing
- Connecting Pin
- Installation Tool
- G Series Face Strip or Comb

### How to Specify the Correct G Series™ Lacing

1. Measure your Belt Thickness.
2. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
3. Choose the fastener size that is appropriate for your specifications in the selection chart below.

### Fastener Metal Selection

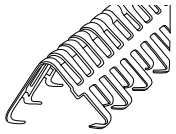
**Stainless Steel.**
Type 316 Stainless Steel offers more resistance than galvanized steel to abrasion, acids, chemicals, rusting, and magnetic attraction.

### Hinge Pin Selection

**CSSP** **Corrugated Stainless Steel** - for all sizes of G Series belt lacing.

### Fastener and Pin Size Selection Chart

| Minimum Pulley Diameter | Material Thickness | | Connecting Pin Size | | Belt Thickness | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | in. | mm | in. | mm | .059" (1.5 mm) | .078" (2.0 mm) | .098" (2.5 mm) | .118" (3.0 mm) | .138" (3.5 mm) |
| 1.6" (40 mm) | .019 | .50 | .047 | 1.20 | G005A | | | | |
| | .029 | .75 | .055 | 1.40 | | G005 | | | |
| 2.0" (50 mm) | .019 | .50 | .047 | 1.20 | | G006A | | | |
| | .029 | .75 | .055 | 1.40 | | | G006 | | |



# LACING

## AISI 316 STAINLESS LACING WITH PINS

| | SIZE | ORDERING NUMBER | ITEM CODE | WT. PER BOX LBS. | STRIPS PER BOX | STRIP LENGTH | |
|---|---|---|---|---|---|---|---|
| | | | | | | in. | mm |
| G005, G006 | G005A | G005A-SS-300W-12/BX | 05492 | 0.53 | 12 | 12″ | 300 |
| | | G005A-SS-600W-8/BX | 05493 | 0.97 | 8 | 24″ | 600 |
| | | G005A-SS-900W-8/BX | 05494 | 1.46 | 8 | 36″ | 900 |
| | | G005A-SS-1200W-8/BX | 05495 | 1.94 | 8 | 48″ | 1200 |
| | | G005A-SS-1500W-8/BX | 05496 | 2.34 | 8 | 60″ | 1500 |
| | G005 | G005-SS-300W-12/BX | 05497 | 0.71 | 12 | 12″ | 300 |
| | | G005-SS-600W-8/BX | 05498 | 1.15 | 8 | 24″ | 600 |
| | | G005-SS-900W-8/BX | 05499 | 1.74 | 8 | 36″ | 900 |
| | | G005-SS-1200W-8/BX | 05500 | 2.34 | 8 | 48″ | 1200 |
| | | G005-SS-1500W-8/BX | 05501 | 2.82 | 8 | 60″ | 1500 |
| | G006A | G006A-SS-300W-12/BX | 05502 | 0.71 | 12 | 12″ | 300 |
| | | G006A-SS-600W-8/BX | 05503 | 0.93 | 8 | 24″ | 600 |
| | | G006A-SS-900W-8/BX | 05504 | 1.41 | 8 | 36″ | 900 |
| | | G006A-SS-1200W-8/BX | 05505 | 1.90 | 8 | 48″ | 1200 |
| | | G006A-SS-1500W-8/BX | 05506 | 2.43 | 8 | 60″ | 1500 |
| | G006 | G006-SS-300W-12/BX | 05507 | 0.93 | 12 | 12″ | 300 |
| | | G006-SS-600W-8/BX | 05508 | 1.23 | 8 | 24″ | 600 |
| | | G006-SS-900W-8/BX | 05509 | 1.83 | 8 | 36″ | 900 |
| | | G006-SS-1200W-8/BX | 05510 | 2.43 | 8 | 48″ | 1200 |
| | | G006-SS-1500W-8/BX | 05511 | 2.99 | 8 | 60″ | 1500 |

## CONNECTING PIN IN 30M COIL

### CORRUGATED STAINLESS STEEL CABLE

| PIN DIAMETER (MM) | ORDERING NUMBER | ITEM CODE | WEIGHT (LBS.) |
|---|---|---|---|
| 1.4 | CSSP1.4X30M | 04373 | 1.0 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) have added lead time.

**Non-Listed Items** are available.
Request quote for price and delivery.

# ROLLER LACER® GOLD CLASS™

(Face strips sold separately)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 24″ | 600 | RL-G24 | 03985 | 50.0 |
| 36″ | 900 | RL-G36 | 03986 | 58.0 |
| 48″ | 1200 | RL-G48 | 03987 | 66.0 |
| 60″ | 1500 | RL-G60 | 03988 | 74.0 |

**NOTE:** Includes carding paper remover and scissors.

## CLIPPER® FACE STRIPS

**ROLLER LACER® GOLD CLASS™** (Includes one Lacer Pin)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | **HOOK SIZE 36, UCM 36** | | |
| 24″ | 600 | FSGOLD36-24 | 04038 | 4.3 |
| 36″ | 900 | FSGOLD36-36 | 04039 | 5.4 |
| 48″ | 1200 | FSGOLD36-48 | 04040 | 6.4 |
| 60″ | 1500 | FSGOLD36-60 | 04041 | 7.6 |
| in. | mm | **HOOK SIZE 1, UX-1** | | |
| 24″ | 600 | FSGOLD1-24 | 04034 | 4.3 |
| 36″ | 900 | FSGOLD1-36 | 04035 | 5.4 |
| 48″ | 1200 | FSGOLD1-48 | 04036 | 6.4 |
| 60″ | 1500 | FSGOLD1-60 | 04037 | 7.6 |
| in. | mm | **HOOK SIZE 2 – 4, U2SP – U3** | | |
| 24″ | 600 | FSGOLD2-24 | 04042 | 4.3 |
| 36″ | 900 | FSGOLD2-36 | 04043 | 5.4 |
| 48″ | 1200 | FSGOLD2-48 | 04044 | 6.4 |
| 60″ | 1500 | FSGOLD2-60 | 04045 | 7.6 |
| in. | mm | **HOOK SIZE 4-1/2 – 7, U4 – U7** | | |
| 24″ | 600 | FSGOLD4-1/2-24 | 04046 | 4.3 |
| 36″ | 900 | FSGOLD4-1/2-36 | 04047 | 5.4 |
| 48″ | 1200 | FSGOLD4-1/2-48 | 04048 | 6.4 |
| 60″ | 1500 | FSGOLD4-1/2-60 | 04049 | 7.6 |

## CLIPPER® REPLACEMENT LACER PINS

**ROLLER LACER® GOLD CLASS™**

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | **HOOK SIZE 1, 36, or 30** | | |
| 24″ | 600 | LPGOLD1/36-24 | 04006 | 0.4 |
| 36″ | 900 | LPGOLD1/36-36 | 04007 | 0.5 |
| 48″ | 1200 | LPGOLD1/36-48 | 04008 | 0.6 |
| 60″ | 1500 | LPGOLD1/36-60 | 04009 | 0.7 |
| in. | mm | **HOOK SIZE 2 – 4, 4-1/2 – 7** | | |
| 24″ | 600 | LPGOLDREG-24 | 04010 | 0.4 |
| 36″ | 900 | LPGOLDREG-36 | 04011 | 0.5 |
| 48″ | 1200 | LPGOLDREG-48 | 04012 | 0.6 |
| 60″ | 1500 | LPGOLDREG-60 | 04013 | 0.7 |

**NOTE:** For repair parts see page 23.

## G SERIES™ FACE STRIPS

**ROLLER LACER® GOLD CLASS™** (Includes one Lacer Pin)

| HOOK SIZE | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| G005(A) - G006(A) | 24″ | 600 | FSGOLDG-601 | 04363 | 1.02 |
| | 36″ | 900 | FSGOLDG-901 | 04364 | 1.28 |
| | 48″ | 1200 | FSGOLDG-1201 | 04365 | 1.4 |
| | 60″ | 1500 | FSGOLDG-1501 | 04366 | 1.65 |

## G SERIES™ REPLACEMENT LACER PINS

**ROLLER LACER® GOLD CLASS™**

| HOOK SIZE | ORDERING NUMBER | ROLLER LACER GOLD CLASS | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| G005(A) - G006(A) | LPG-901-1.6 | RL-G24 | 04370 | 0.5 |
| | LPG-1201-1.6 | RL-G36 | 04371 | 0.6 |
| | LPG-1501-1.6 | RL-G48 | 04372 | 0.7 |
| | LPG-1801-1.6 | RL-G60 | 04419 | 0.8 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) have added lead time.

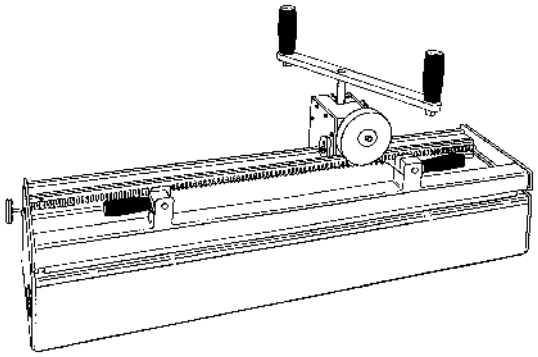
**Non-Listed Items** are available.
Request quote for price and delivery.

# MANUAL ROLLER LACER®

(Face strips sold separately)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 24″ | 600 | RL-24 | 03370 | 38.0 |
| 36″ | 900 | RL-36 | 03371 | 47.0 |
| 48″ | 1200 | RL-48 | 03372 | 55.0 |
| 60″ | 1500 | RL-60 | 03375 | 63.0 |

**NOTE:** Includes carding paper remover and scissors.



## CLIPPER® FACE STRIPS

**MANUAL ROLLER LACER®** (Includes one Lacer Pin)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| **HOOK SIZE 30** | | | | |
| 24″ | 600 | FSMAN30-24 | 04064 | 1.3 |
| 36″ | 900 | FSMAN30-36 | 04065 | 1.6 |
| 48″ | 1200 | FSMAN30-48 | 04066 | 2.1 |
| 60″ | 1500 | FSMAN30-60 | 04067 | 2.6 |
| **HOOK SIZE 36, UCM36** | | | | |
| 24″ | 600 | FSMAN36-24 | 04020 | 1.3 |
| 36″ | 900 | FSMAN36-36 | 04021 | 1.6 |
| 48″ | 1200 | FSMAN36-48 | 04022 | 2.1 |
| 60″ | 1500 | FSMAN36-60 | 04023 | 2.6 |
| **HOOK SIZE 1, UX-1** | | | | |
| 24″ | 600 | FSMAN1-24 | 04015 | 1.3 |
| 36″ | 900 | FSMAN1-36 | 04016 | 1.6 |
| 48″ | 1200 | FSMAN1-48 | 04017 | 2.1 |
| 60″ | 1500 | FSMAN1-60 | 04018 | 2.6 |
| **HOOK SIZE 2 – 4, U2SP – U3** | | | | |
| 24″ | 600 | FSMAN2-24 | 04025 | 1.3 |
| 36″ | 900 | FSMAN2-36 | 04026 | 1.6 |
| 48″ | 1200 | FSMAN2-48 | 04027 | 2.1 |
| 60″ | 1500 | FSMAN2-60 | 04028 | 2.6 |
| **HOOK SIZE 4-1/2 – 7, U4 – U7** | | | | |
| 24″ | 600 | FSMAN4-1/2-24 | 04030 | 1.3 |
| 36″ | 900 | FSMAN4-1/2-36 | 04031 | 1.6 |
| 48″ | 1200 | FSMAN4-1/2-48 | 04032 | 2.1 |
| 60″ | 1500 | FSMAN4-1/2-60 | 04033 | 2.6 |

## CLIPPER® REPLACEMENT LACER PINS

**MANUAL ROLLER LACER®**

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| **HOOK SIZE 1, 36, or 30** | | | | |
| 24″ | 600 | LPMAN1/36-24 | 03997 | 0.4 |
| 36″ | 900 | LPMAN1/36-36 | 03998 | 0.5 |
| 48″ | 1200 | LPMAN1/36-48 | 03999 | 0.6 |
| 60″ | 1500 | LPMAN1/36-60 | 04000 | 0.7 |
| **HOOK SIZE 2 – 4, 4-1/2 – 7** | | | | |
| 24″ | 600 | LPMANREG-24 | 04002 | 0.4 |
| 36″ | 900 | LPMANREG-36 | 04003 | 0.5 |
| 48″ | 1200 | LPMANREG-48 | 04004 | 0.6 |
| 60″ | 1500 | LPMANREG-60 | 04005 | 0.7 |

## G SERIES™ FACE STRIPS

**MANUAL ROLLER LACER®** (Includes one Lacer Pin)

| HOOK SIZE | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| G005(A) - G006(A) | 24″ | 600 | FSMANG-601 | 04359 | 1.02 |
| | 36″ | 900 | FSMANG-901 | 04360 | 1.28 |
| | 48″ | 1200 | FSMANG-1201 | 04361 | 1.40 |
| | 60″ | 1500 | FSMANG-1501 | 04362 | 1.65 |

## G SERIES™ REPLACEMENT LACER PINS

**ROLLER LACER® GOLD CLASS™**

| HOOK SIZE | ORDERING NUMBER | MANUAL ROLLER LACER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| G005(A) - G006(A) | LPG-601-1.6 | RL-24 | 04369 | 0.4 |
| | LPG-901-1.6 | RL-36 | 04370 | 0.5 |
| | LPG-1201-1.6 | RL-48 | 04371 | 0.6 |
| | LPG-1501-1.6 | RL-60 | 04372 | 0.7 |

## COMMON REPAIR PARTS

**ROLLER LACER® GOLD CLASS™ & MANUAL ROLLER LACER®**

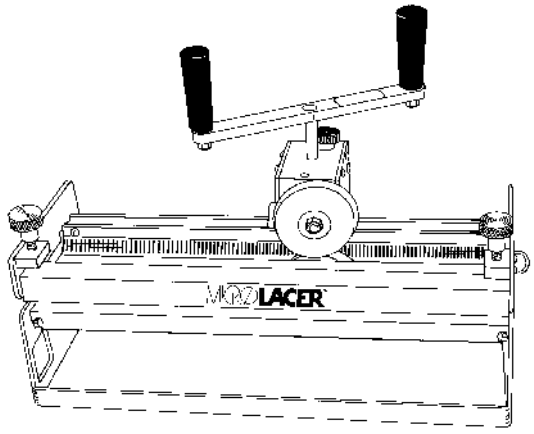
| DESCRIPTION/ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| Guide Block Replacement Kit<br>For Serial Number 3,500 – 50,000 | 03433 | 1.00 |
| Guide Block Replacement Kit<br>For Serial Number greater than 50,000 | 03897 | 1.00 |
| Face Strip Knobs | 03817 | .50 |
| Urethane Strip – Priced Per Foot | 03274 | .50 |
| Carrying Strap – Large<br>For 48" and 60" Roller Lacers | 04051 | 1.0 |
| Carrying Strap – Small<br>For 24″ and 36″ Roller Lacers | 04052 | 1.0 |
| Nut Driver for Roller Lacer Gold Class | 04068 | 1.0 |

# MICROLACER®

(Face strips sold separately)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 14" | 350 | MICROLACER | 03368 | 27.0 |

**NOTE:** Includes carding paper remover and scissors.




## CLIPPER® FACE STRIPS

(Includes one Lacer Pin)

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 30 | FSMAN30-MICRO | 04063 | 2.3 |
| 36, UCM36 | FSMAN36-MICRO | 04019 | 2.3 |
| 1, UX-1 | FSMAN1-MICRO | 04014 | 2.3 |
| 2-4, U2-U3, | FSMAN2-MICRO | 04024 | 2.3 |
| 4-1/2-7, U4-U7 | FSMAN4-1/2-MICRO | 04029 | 2.3 |

## CLIPPER® REPLACEMENT LACER PINS

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | PIN DIA. |
|---|---|---|---|
| 1/36 | LPMAN1/36-MICRO | 03996 | 0.67 |
| 2-7 | LPMANREG-MICRO | 04001 | .106 |

## COMMON REPAIR PARTS

| DESCRIPTION/ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| Guide Block Replacement Kit<br>For Serial Number 3,500 – 50,000 | 03433 | 1.00 |
| Guide Block Replacement Kit<br>For Serial Number greater than 50,000 | 03897 | 1.00 |
| Face Strip Knobs | 03817 | .50 |
| Urethane Strip – Priced Per Foot | 03274 | .10 |

## G SERIES™ FACE STRIP

**MICROLACER®** (Includes one Lacer Pin)

| HOOK SIZE | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| G005(A) - G006(A) | 14" | 350 | FSMANG-351-MICRO | 04358 | 0.5 |

## G SERIES™ REPLACEMENT LACER PINS

**MICROLACER®**

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| G005(A) - G006(A) | LPG-351-1.6 | 04368 | 0.2 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) have added lead time.

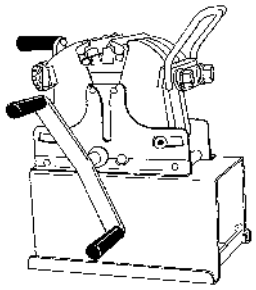
**Non-Listed Items** are available.
Request quote for price and delivery.

# Clipper® Specialty Lacers

## LW95 LACERS

(Laces all Clipper Hooks. Laces up to 6" in one operation. Includes Lacing Assembly Kit)

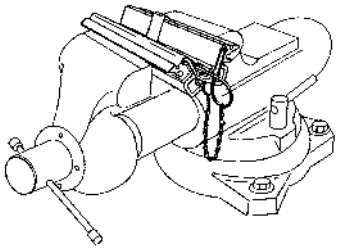
| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. | RETAINER INCLUDED |
|---|---|---|---|---|
| 2-7, U2-U7 | LW95 | 03074 | 31.0 | HRREGLW95 |
| 1, UX-1 | 1LW95 | 03076 | 31.0 | HR1LW95 |
| 25 | 25XLW | 03075 | 31.0 | HR25LW95 |
| **REPLACEMENT HOOK RETAINERS** | | | | |
| 2-7, U2-U7 | HR2LW95 | 03085 | 0.6 | |
| 1, UX-1 | HR1LW95 | 03081 | 0.5 | |
| 25 | HR25LW95 | 03827 | 1.0 | |
| 30, 36, UCM36 | HR36LW95 | 03119 | 0.5 | |



LW95 Lacer

## VISE LACERS

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 2-7,U2-U7 | R-4 | 03018 | 1.0 |
| 2-7,U2-U7 | R-7 | 03019 | 2.0 |
| 2-7,U2-U7 | R-10 | 03020 | 3.0 |
| 1, UX-1, UX-1SP | 1VL-7 | 03236 | 2.0 |
| 25 | 25VL-7 | 03814 | 3.0 |
| 30, 36, UCM36 | 36VL-7 | 03238 | 1.0 |

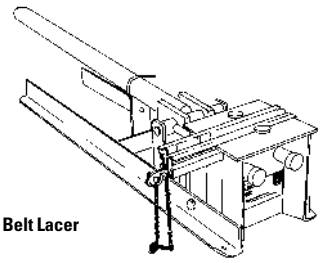


Vise Lacer

## BALER BELT LACER™

(Laces all Clipper Baler Hooks, RHTX, 2-7)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 7" | 175 | BBL-7 | 03434 | 51.0 |
| 10" | 250 | BBL-10 | 03435 | 51.0 |

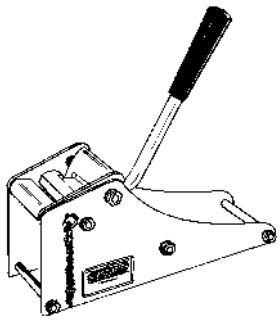


Baler Belt Lacer

## LEVER LACER

(For thin belts or tapes up to 2" wide)

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 25 | 25LEVER | 03014 | 5.0 |
| 36 | 36LEVER | 04223 | 5.0 |

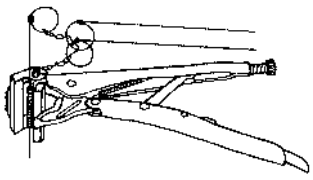


Lever Lacer

## PLIER-TAPE LACER

(For thin belts or tapes up to 2" wide)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| PTL25 | 18015 | 3.5 |
| PTL30 | 18017 | 3.7 |
| PTL1 | 18016 | 3.6 |



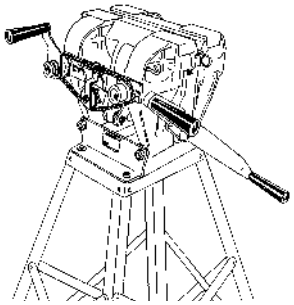
Plier-Tape Lacer

# Clipper® Production Lacers

## #12 SPEED LACER

(Includes #2-7 Retainer)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 12″ | 300 | 12LACER | 03167 | 177.0 |
| **CHAIN DRIVE ATTACHMENT** | | | | |
| 12LACER-CHAIN | | | 03225 | 24.0 |



#12 Speed Lacer

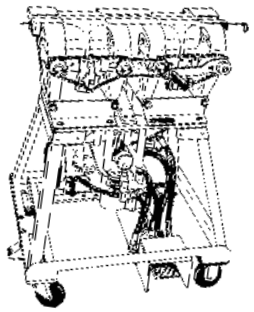
## CLIPPER® HOOK RETAINER FOR #12 SPEED LACER

(Includes one Lacer Pin)

| DESCRIPTION | HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| Acusteel | 25 | HR25-12 | 03822 | 1.8 |
| Acusteel | 30,36,UCM36 | HR36-12 | 03170 | 1.5 |
| Acusteel | 1,UX-1 | HR1-12 | 03168 | 1.5 |
| Acusteel | 2-7,U2-U7 | HR2-12 | 03211 | 1.5 |

## 12″ LACER PIN FOR #12 SPEED LACER

| HOOK SIZE | ORDERING NUMBER | ITEM CODE |
|---|---|---|
| 25,30,36,1 | LP1/36-12 | 03169 |
| 2-7 | LP2-12 | 03222 |



Electric Hydraulic Lacer

## ELECTRIC HYDRAULIC POWER LACERS

(Includes #2-7 Retainer)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 12″ | 300 | EH-12 | 03037 | 355.0 |
| 25″ | 625 | EH-25 | 03038 | 560.0 |
| 38″ | 950 | EH-38 | 03039 | 875.0 |

**NOTE:** Please specify 115 or 230 volt wiring requirements when ordering. Can be ordered for International Requirements.

## ELECTRIC HYDRAULIC LACER COVER

| LACER SIZE | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 12″ | 300 | Cover-12 | 03452 | 3.0 |
| 25″ | 625 | Cover-25 | 03453 | 4.0 |
| 38″ | 950 | Cover-38 | 03519 | 5.0 |

## CLIPPER® HOOK RETAINER FOR POWER LACERS (Includes one Lacer Pin)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | **HOOK SIZE 25** | | |
| 12″ | 300 | HR25-12 | 03822 | 1.8 |
| 25″ | 625 | HR25-25 | 03823 | 3.3 |
| 38″ | 950 | HR25-38 | 03824 | 4.2 |
| | | **HOOK SIZE 30, 36, UCM36** | | |
| 12″ | 300 | HR36-12 | 03170 | 1.5 |
| 25″ | 625 | HR36-25 | 03154 | 3.3 |
| 38″ | 950 | HR36-38 | 03155 | 4.2 |
| | | **HOOK SIZE 1, UX-1** | | |
| 12″ | 300 | HR1-12 | 03168 | 1.5 |
| 25″ | 625 | HR1-25 | 03143 | 3.3 |
| 38″ | 950 | HR1-38 | 03150 | 4.2 |
| | | **HOOK SIZE 2-7, U2-U7** | | |
| 12″ | 300 | HR2-12 | 03211 | 1.5 |
| 25″ | 625 | HR2-25 | 03051 | 3.3 |
| 38″ | 950 | HR2-38 | 03148 | 4.2 |

## CLIPPER® REPLACEMENT LACER PINS FOR POWER LACER

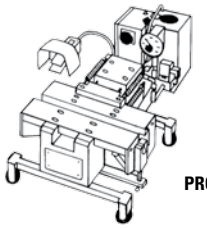
| BELT | | ORDERING NUMBER | ITEM CODE |
|---|---|---|---|
| in. | mm | **HOOK SIZE 25, 36, 1** | |
| 12″ | 300 | LP1/36-12 | 03169 |
| 25″ | 625 | LP1/36-25 | 03162 |
| 38″ | 950 | LP1/36-38 | 03163 |
| | | **HOOK SIZE 2-7** | |
| 12″ | 300 | LP2-12 | 03222 |
| 25″ | 625 | LP2-25 | 03054 |
| 38″ | 950 | LP2-38 | 03156 |

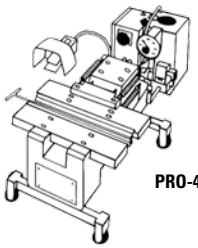
**Stock Items** (non-shaded) carried in factory inventory.

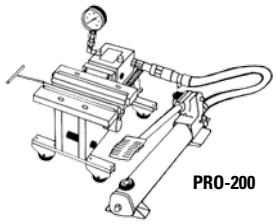
**Made To Order Items** (shaded) have added lead time.

**Non-Listed Items** are available.
Request quote for price and delivery.

# Clipper® Production Lacers


PRO-600


PRO-400


PRO-200

## PRO-600 & PRO-6000 LACER

(Does not include comb - purchase separately)

| ORDERING NUMBER | ITEM CODE | WEIGHT (LBS) |
|---|---|---|
| PRO-600 | 18057 | 294.2 |
| PRO-6000 | 18978 | 304.2 |

## PRO-400 LACER

(Does not include adapter - purchase separately)

| ORDERING NUMBER | ITEM CODE | WEIGHT (LBS) |
|---|---|---|
| PRO-400 | 18048 | 294.1 |

## PRO-200 LACER

(Does not include adapter - purchase separately)

| ORDERING NUMBER | ITEM CODE | WEIGHT (LBS) |
|---|---|---|
| PRO-200 | 18036 | 69.9 |
| PRO-200EH | 03707 | 80.0 |

## COMBS FOR PRO-600 & PRO-6000 LACER

(Includes Gauge Pins)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | **HOOK SIZE 25** | | |
| 24″ | 600 | P6CLPR25M-24 | 03526 | 10.1 |
| 36″ | 900 | P6CLPR25M-36 | 03538 | 13.0 |
| 48″ | 1200 | P6CLPR25M-48 | 03551 | 15.5 |
| 60″ | 1500 | P6CLPR25M-60 | 03531 | 18.5 |
| | | **HOOK SIZE 36, UCM36, 30** | | |
| 24″ | 600 | P6CLPR36M-24 | 03524 | 10.1 |
| 36″ | 900 | P6CLPR36M-36 | 03537 | 13.0 |
| 48″ | 1200 | P6CLPR36M-48 | 03539 | 15.5 |
| 60″ | 1500 | P6CLPR36M-60 | 03529 | 18.5 |
| | | **HOOK SIZE 1, UX1** | | |
| 24″ | 600 | P6CLPR1M-24 | 03534 | 10.1 |
| 36″ | 900 | P6CLPR1M-36 | 03535 | 13.0 |
| 48″ | 1200 | P6CLPR1M-48 | 03550 | 15.5 |
| 60″ | 1500 | P6CLPR1M-60 | 03528 | 18.5 |
| | | **HOOK SIZE 2-7, U2-U7** | | |
| 24″ | 600 | P6CLPR2M-24 | 03533 | 10.1 |
| 36″ | 900 | P6CLPR2M-36 | 03536 | 13.0 |
| 48″ | 1200 | P6CLPR2M-48 | 03532 | 15.5 |
| 60″ | 1500 | P6CLPR2M-60 | 03527 | 18.5 |

## ADAPTERS FOR PRO-400 LACER-14″

(Includes 1.5 and 2.0 mm Gauge Pins)

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 25 | P4CLPR25 | 03649 | 7.3 |
| 36, 30 | P4CLPR36 | 03140 | 7.5 |
| 1 | P4CLPR1 | 03525 | 7.5 |
| 2-7 | P4C2 | 18052 | 8.0 |

## ADAPTERS FOR PRO-200 LACER-8″

(Includes 1.5 and 2.0 mm Gauge Pins)

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 25 | P2CLPR25 | 03650 | 4.3 |
| 36, 30 | P2CLPR36 | 03591 | 4.3 |
| 1 | P2CLPR1 | 03651 | 4.8 |
| 2-7 | P2C2 | 18043 | 5.2 |

## REPLACEMENT LACER PINS FOR PRO-400 LACER

| FOR COMB NUMBER | DIAMETER (mm) | ITEM CODE | WT. LBS. |
|---|---|---|---|
| P4C25/36 | 1.5 | 19395 | .1 |
| P4C25/36 | 1.8 x 1.5 | 03738 | .1 |
| P4C25/36 | 2.0 x 1.5 | 03745 | .1 |
| P4C1 | 1.8 | 03715 | .1 |
| P4C1 | 2.0 | 19350 | .1 |
| P4C1 | 2.5 x 2.0 | 19380 | .1 |
| P4C1 | 3.0 x 2.0 | 19351 | .1 |
| P4C2 | 2.5 | 19349 | .3 |
| P4C2 | 3.5 x 3.0 | 03725 | .3 |
| P4C2 | 4.0 x 3.0 | 03724 | .3 |

## REPLACEMENT LACER PINS FOR PRO-200 LACER

| FOR COMB NUMBER | DIAMETER (mm) | ITEM CODE | WT. LBS. |
|---|---|---|---|
| P2C25/36 | 1.5 | 19340 | .1 |
| P2C25/36 | 1.8 x 1.5 | 03739 | .1 |
| P2C25/36 | 2.0 x 1.5 | 03744 | .1 |
| P2C1 | 1.8 | 03713 | .1 |
| P2C1 | 2.0 | 19341 | .1 |
| P2C1 | 2.5 x 2.0 | 19342 | .1 |
| P2C1 | 3.0 x 2.0 | 19343 | .1 |
| P2C2 | 2.5 | 19339 | .3 |
| P2C2 | 3.5 x 3.0 | 03717 | .3 |
| P2C2 | 4.0 x 3.0 | 03718 | .3 |

## REPLACEMENT LACER PINS FOR PRO-600 LACER

| BELT WIDTH | | ITEM CODE | | | | WT. LBS. |
|---|---|---|---|---|---|---|
| in. | mm | **FOR COMB NUMBER P6C25/36** | | | | |
| | | 1.5 mm | 1.8 mm x 1.5 mm | 2.0 mm x 1.5 mm | | |
| 24″ | 600 | 03729 | 03734 | 03743 | | 0.2 |
| 36″ | 900 | 03727 | 03735 | 03742 | | 0.2 |
| 48″ | 1200 | 03728 | 03736 | 03741 | | 0.2 |
| 60″ | 1500 | 19358 | 03737 | 03740 | | 0.2 |
| | | **FOR COMB NUMBER P6C1** | | | | |
| | | 1.8 mm | 2.0 mm | 2.5 mm x 2.0 mm | 3.0 mm x 2.0 mm | |
| 24″ | 600 | 03710 | 19361 | 19362 | 03722 | 0.2 |
| 36″ | 900 | 03709 | 03714 | 03721 | 03733 | 0.2 |
| 48″ | 1200 | 03708 | 03711 | 03723 | 03732 | 0.2 |
| 60″ | 1500 | 19378 | 03712 | 03716 | 03731 | 0.2 |
| | | **FOR COMB NUMBER P6C2** | | | | |
| | | 2.5 mm | 3.5 mm x 3.0 mm | 4.0 mm x 3.0 mm | | |
| 24″ | 600 | 19364 | 19365 | 19366 | | 0.3 |
| 36″ | 900 | 03726 | 03719 | 03720 | | 0.3 |
| 48″ | 1200 | 19368 | 19370 | 19371 | | 0.3 |
| 60″ | 1500 | 19373 | 19375 | 19376 | | 0.3 |

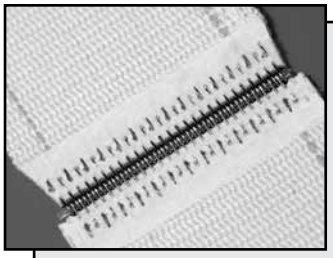
## G SERIES™ PRO-600 & 6000 LACER COMBS

(Includes one Gauge Pin)

| HOOK SIZE | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| G005(A) - G006(A) | 24″ | 600 | P6CLPRGM-601 | 04410 | 10.1 |
| | 36″ | 900 | P6CLPRGM-901 | 04411 | 13.0 |
| | 48″ | 1200 | P6CLPRGM-1201 | 04412 | 15.5 |
| | 60″ | 1500 | P6CLPRGM-1501 | 04413 | 18.5 |

## REPLACEMENT PARTS

| DESCRIPTION | ITEM CODE | WT. LBS. |
|---|---|---|
| Return Springs | 19100 | 1.0 |
| Adapter Spring Clip | 19194 | 1.0 |
| Linear Bearing | 19200 | 2.0 |
| Brass Bushing | 19300 | 5.0 |



## How Clipper® Patch Fastener Hooks Work

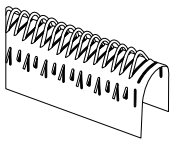
Clipper® Laundry Patch Fasteners are manufactured from double-flattened wire which increases the holding ability as well as the transverse stability of the individual hooks, providing a flat and even splice area. The hook points are horizontally-cut, ensuring that they are bent accurately down towards the belt edge, which is especially important for thin belts used in laundry feeder and folding machine applications.

Available in either galvanized or 316L stainless steel, the hooks are integrated into the polyester patch material and are pre-cut to belt widths with leading and trailing ends. The patch is available with a custom logo if desired. Corrugated Perlon hinge pins are included with each box of fasteners, are corrosion-free, and provide lubrication to the splice joint.

| Applications | Installation Method | What You Need for Installation |
|---|---|---|
| • Commercial Laundries | Clipper Patch Fastener Hooks can be installed with the Pro 120 on-site maintenance lacer or the Pro 150 production lacer. | • Patch Fastener Hooks<br>• Connecting Pin<br>• Installation Tool |
| **How to Specify the Correct Clipper® Fastener** | **Fastener Metal Selection** | **Hinge Pin Selection** |
| 1. Measure your Belt Thickness.<br>2. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.<br>3. Choose the fastener width that is appropriate for your specifications. | **Galvanized Steel.**<br>For basic applications, galvanized steel is recommended.<br>**Stainless Steel.**<br>Type 316 Stainless Steel offers more resistance than galvanized steel to abrasion, acids, chemicals, rusting, and magnetic attraction. | **CP Corrugated Perlon.** |

### Fastener and Pin Size Selection Chart

| Minimum Pulley Diameter | Wire Diameter | | Connecting Pin Size | | Belt Thickness |
|---|---|---|---|---|---|
| | in. | mm | in. | mm | .078" (2.0 mm) |
| 15/16" (25 mm) | .024 | 0.62 | .055 | 1.40 | 25SP |



# FASTENERS

## #25 SHORT-POINT GALVANIZED ON PATCH with Corrugated Perlon Hinge Pins

| | PATCH WIDTH | | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER STRIP | STRIPS PER BOX |
|---|---|---|---|---|---|---|---|
| | in. | mm | | | | | |
| 25SP | 1.38 | 35 | 25SP-G-035W-P | 05512 | 0.66 | 15 + 16 | 200 |
| | 1.57 | 40 | 25SP-G-040W-P | 05513 | 0.79 | 19 + 20 | 200 |
| | 1.89 | 48 | 25SP-G-048W-P | 05514 | 0.88 | 24 + 25 | 200 |
| | 1.97 | 50 | 25SP-G-050W-P | 05515 | 0.93 | 26 + 27 | 200 |
| | 2.24 | 57 | 25SP-G-057W-P | 05516 | 1.01 | 30 + 31 | 200 |
| | 2.48 | 63 | 25SP-G-063W-P | 05517 | 1.06 | 33 + 34 | 200 |
| | 2.95 | 75 | 25SP-G-075W-P | 05518 | 1.28 | 39 + 40 | 200 |
| | 3.54 | 90 | 25SP-G-090W-P | 05519 | 0.79 | 46 + 47 | 100 |
| | 3.94 | 100 | 25SP-G-100W-P | 05520 | 0.88 | 54 + 55 | 100 |
| | 4.53 | 115 | 25SP-G-115W-P | 05521 | 0.97 | 61 + 62 | 100 |

Patch with customer logo available for +10% upcharge (one color only). Minimum order 10 boxes. 8 week lead time.

## #25 SHORT-POINT 316L STAINLESS STEEL ON PATCH with Corrugated Perlon Hinge Pins

| | PATCH WIDTH | | ORDERING NUMBER (BOX) | ITEM CODE | WT. PER BOX LBS. | HOOKS PER STRIP | STRIPS PER BOX |
|---|---|---|---|---|---|---|---|
| | in. | mm | | | | | |
| 25SP | 1.38 | 35 | 25SP-SS-035W-P | 05522 | 0.66 | 15 + 16 | 200 |
| | 1.57 | 40 | 25SP-SS-040W-P | 05523 | 0.79 | 19 + 20 | 200 |
| | 1.89 | 48 | 25SP-SS-048W-P | 05524 | 0.88 | 24 + 25 | 200 |
| | 1.97 | 50 | 25SP-SS-050W-P | 05525 | 0.93 | 26 + 27 | 200 |
| | 2.24 | 57 | 25SP-SS-057W-P | 05526 | 1.01 | 30 + 31 | 200 |
| | 2.48 | 63 | 25SP-SS-063W-P | 05527 | 1.06 | 33 + 34 | 200 |
| | 2.95 | 75 | 25SP-SS-075W-P | 05528 | 1.28 | 39 + 40 | 200 |
| | 3.54 | 90 | 25SP-SS-090W-P | 05529 | 0.79 | 46 + 47 | 100 |
| | 3.94 | 100 | 25SP-SS-100W-P | 05530 | 0.88 | 54 + 55 | 100 |
| | 4.53 | 115 | 25SP-SS-115W-P | 05531 | 0.97 | 61 + 62 | 100 |

Patch with customer logo available for +10% upcharge (one color only). Minimum order 10 boxes. 8 week lead time.

## CORRUGATED PERLON HINGE PINS (PRE-CUT)

| PATCH WIDTH | | PINS PER PACKAGE | ORDERING NUMBER | ITEM CODE |
|---|---|---|---|---|
| in. | mm | | | |
| 1.38 | 35 | 100 | CP1.4-035-100/BX | 04385 |
| 1.57 | 40 | 100 | CP1.4-040-100/BX | 04386 |
| 1.89 | 48 | 100 | CP1.4-048-100/BX | 04387 |
| 1.97 | 50 | 100 | CP1.4-050-100/BX | 04388 |
| 2.24 | 57 | 100 | CP1.4-057-100/BX | 04389 |
| 2.48 | 63 | 100 | CP1.4-063-100/BX | 04390 |
| 2.95 | 75 | 100 | CP1.4-075-100/BX | 04391 |
| 3.54 | 90 | 50 | CP1.4-090-50/BX | 04392 |
| 3.94 | 100 | 50 | CP1.4-100-50/BX | 04393 |
| 4.53 | 115 | 50 | CP1.4-115-50/BX | 04394 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) have added lead time.

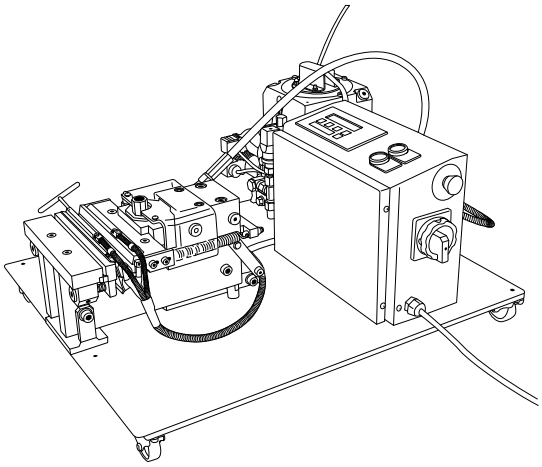
**Non-Listed Items** are available.
Request quote for price and delivery.

# CLIPPER® PRODUCTION LACERS

## PRO-150 LACER AND HYDRAULIC PUMP

(Does not include adapter)

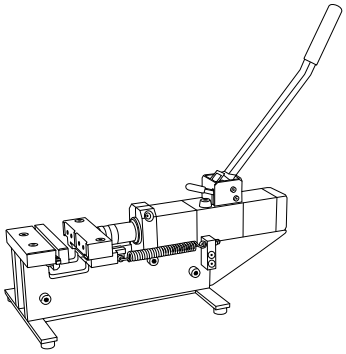
| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **115 VOLT; SINGLE PHASE; 60 HZ** | | |
| PRO-150-115V1PH-60HZ | 04379 | 103.6 |
| **230 VOLT; SINGLE PHASE; 60 HZ** | | |
| PRO-150-230V1PH-60HZ | 04380 | 103.6 |
| **230 VOLT; SINGLE PHASE; 50 HZ** | | |
| PRO-150-230V1PH-50HZ | 04381 | 103.6 |
| **200 VOLT; THREE PHASE; 50/60 HZ** | | |
| PRO-150-200V3PH-50/60HZ | 04382 | 103.6 |
| **230 VOLT; THREE PHASE; 50/60 HZ** | | |
| PRO-150-230V3PH-50/60HZ | 04383 | 103.6 |
| **400 VOLT; THREE PHASE; 50/60 HZ** | | |
| PRO-150-400V3PH-50/60HZ | 04384 | 103.6 |



## ADAPTER FOR PRO-150 LACER

(Includes 1.6 mm gauge pin)

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 25 PATCH | P150CLPR25SPP115V | 04377 | 4.3 |
| 25 PATCH | P150CLPR25SPP230V | 04415 | 4.3 |



## PRO-120 LACER

(Does not include adapter or temperature controller - purchase separately)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| PRO-120 | 04374 | 35.1 |

## ADAPTER FOR PRO-120 LACER

(Includes 1.6 mm gauge pin)

| HOOK SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 25 PATCH | P120CLPR25SPP | 04376 | 4.3 |

## TEMPERATURE CONTROLLER FOR PRO-120 LACER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| PRO-120TC-115V-60HZ | 04378 | 6.0 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) have added lead time.

**Non-Listed Items** are available.
Request quote for price and delivery.

## How Alligator® Lacing Works

Hammer applied Alligator® Lacing utilizes a design with teeth that are formed so that when they are driven parallel to the length of the belt, the vital longitudinal carcass fibers are not severed.

The compression fit of the connecting bar provides a strong, vise-like hold on the belt and distributes belt tension evenly across the entire belt width. The one-piece fastener strip also ensures that there are no loose pieces to work themselves out of the belt and into the conveyed product. The flat splice obtained with a continuous strip of lacing also helps with hinge pin insertion.

### Applications

- Manufacturing Assembly Lines
- Food, Package, and Parts Handling
- Checkout Counters
- Agricultural Equipment

### Installation Method

Requires only a hammer; no special tools needed. Unique, patented clips and round gauge rod act as an "extra" pair of hands.

### What You Need for Installation

- Fasteners
- Hinge Pin
- Hammer

### How to Specify the Correct Alligator® Lacing

1. Determine Belt Tension (PIW).
2. Measure your Belt Thickness.
3. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
4. Choose the fastener size that is appropriate for your specifications in the selection chart below.

### Fastener Metal Selection

**Steel.** Standard fastener material.

**Stainless Steel.**
Type 316 Stainless Steel

### Hinge Pin Selection

**H** **Steel Corrugated** - for all sizes of Alligator belt lacing.

**SH** **Stainless Steel Corrugated** - for all sizes of Alligator belt lacing.

**RH** **Rocker Hinge Pin** - for transmission belt lacing, two-piece pin to reduce friction and wear on loops and lacing.

**NC** **Nylon Covered Steel Cable** - for easier hinge pin insertion.

**NCS** **Nylon Covered Stainless Cable** - for greater corrosion resistance.

## Alligator® Lacing Selection Chart

| Lacing Size | For Belts With Mechanical Fastener Ratings Up To: | | Belt Thickness Range | | Recommended Min. Pulley Diameter | | Approx. Corrugated Hinge Pin Diameter | |
|---|---|---|---|---|---|---|---|---|
| | P.I.W. | kN/m | in. | mm | in. | mm | in. | mm |
| 00 | 25 | 4.3 | Up thru 1/16 | Up thru 1.6 | 1 | 25 | 3/64 | 1.2 |
| 1 | 45 | 7.8 | 1/16-3/32 | 1.6-2.4 | 1-1/2 | 38 | 1/16 | 1.6 |
| 7 | 50 | 8.7 | 3/32-9/64 | 2.4-3.6 | 2 | 51 | 1/16 | 1.6 |
| 15 | 65 | 11.4 | 1/8-5/32 | 3.2-4.0 | 2-1/2 | 64 | 3/32 | 2.4 |
| 20 | 95 | 16.6 | 5/32-3/16 | 4.0-4.8 | 3 | 76 | 7/64 | 2.8 |
| 25 | 100 | 17.5 | 3/16-7/32 | 4.8-5.6 | 4 | 102 | 1/8 | 3.2 |
| 27 | 100 | 17.5 | 7/32-9/32 | 5.6-7.1 | 5 | 127 | 1/8 | 3.2 |
| 35 | 150 | 26.0 | 9/32-5/16 | 7.1-7.9 | 7 | 178 | 9/64 | 3.6 |
| 45 | 165 | 28.0 | 5/16-3/8 | 7.9-9.5 | 9 | 229 | 3/16 | 4.8 |
| 55 | 175 | 30.0 | 3/8-7/16 | 9.5-11.1 | 12 | 305 | 13/64 | 5.2 |
| 65 | 200 | 35.0 | 7/16-1/2 | 11.1-12.7 | 14 | 356 | 13/64 | 5.2 |

# FASTENERS

## STEEL LACING WITH STEEL CORRUGATED HINGE PIN

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| | | **00** | | |
| 12″ | 300 | 00-12 | 10050 | .2 |
| 14″ | 350 | 00-14 | 10051 | .5 |
| 16″ | 400 | 00-16 | 10052 | .5 |
| 18″ | 450 | 00-18 | 10053 | .5 |
| 20″ | 500 | 00-20 | 10054 | .6 |
| 22″ | 550 | 00-22 | 10055 | .6 |
| 24″ | 600 | 00-24 | 10056 | .7 |
| 26″ | 650 | | | |
| 28″ | 700 | | | |
| 30″ | 750 | 00-30 | 10059 | .9 |
| 32″ | 800 | | | |
| 36″ | 900 | 00-36 | 10061 | 1.0 |
| 42″ | 1050 | 00-42 | 10062 | 1.2 |
| 48″ | 1200 | 00-48 | 10063 | 1.3 |
| 60″ | 1500 | 00-60 | 10065 | 1.7 |
| | | **20** | | |
| 12″ | 300 | 20-12 | 10483 | 1.3 |
| 14″ | 350 | 20-14 | 10130 | 1.6 |
| 16″ | 400 | 20-16 | 10131 | 1.8 |
| 18″ | 450 | 20-18 | 10132 | 2.0 |
| 20″ | 500 | 20-20 | 10133 | 2.2 |
| 22″ | 550 | 20-22 | 10134 | 2.3 |
| 24″ | 600 | 20-24 | 10135 | 2.5 |
| 26″ | 650 | | | |
| 28″ | 700 | 20-28 | 10137 | 3.0 |
| 30″ | 750 | 20-30 | 10138 | 3.2 |
| 32″ | 800 | 20-32 | 10139 | 3.4 |
| 36″ | 900 | 20-36 | 10140 | 3.8 |
| 42″ | 1050 | 20-42 | 10141 | 4.6 |
| 48″ | 1200 | 20-48 | 10142 | 5.0 |
| 54″ | 1350 | | | |
| 60″ | 1500 | 20-60 | 10144 | 6.3 |
| | | **55** | | |
| 12″ | 300 | 55-12 | 10488 | 4.8 |
| 14″ | 350 | 55-14 | 10212 | 5.7 |
| 16″ | 400 | 55-16 | 10213 | 6.5 |
| 18″ | 450 | 55-18 | 10214 | 7.2 |
| 20″ | 500 | 55-20 | 10215 | 7.9 |
| 24″ | 600 | 55-24 | 10217 | 9.6 |
| 30″ | 750 | 55-30 | 10220 | 11.8 |
| 36″ | 900 | 55-36 | 10222 | 14.0 |
| 42″ | 1050 | 55-42 | 10223 | 16.6 |
| 48″ | 1200 | 55-48 | 10224 | 19.2 |
| 60″ | 1500 | 55-60 | 10226 | 23.7 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **1A** | | |
| 1A-12 | 10070 | .5 |
| 1A-14 | 10071 | .7 |
| 1A-16 | 10072 | .8 |
| 1A-18 | 10073 | .8 |
| 1A-20 | 10074 | 1.0 |
| 1A-22 | 10075 | 1.0 |
| 1A-24 | 10076 | 1.1 |
| 1A-30 | 10079 | 1.3 |
| 1A-36 | 10081 | 1.6 |
| 1A-42 | 10082 | 2.0 |
| 1A-48 | 10083 | 2.0 |
| 1A-60 | 10085 | 2.7 |
| **25** | | |
| 25-12 | 10484 | 1.5 |
| 25-14 | 10150 | 1.6 |
| 25-16 | 10151 | 1.9 |
| 25-18 | 10152 | 2.2 |
| 25-20 | 10153 | 2.4 |
| 25-22 | 10154 | 2.7 |
| 25-24 | 10155 | 2.9 |
| 25-26 | 10156 | 3.1 |
| 25-28 | 10157 | 3.5 |
| 25-30 | 10158 | 3.6 |
| 25-36 | 10160 | 4.3 |
| 25-42 | 10161 | 5.1 |
| 25-48 | 10162 | 5.7 |
| 25-54 | 10163 | 6.5 |
| 25-60 | 10164 | 7.1 |
| **65** | | |
| 65-12 | 10489 | 5.7 |
| 65-18 | 10232 | 8.8 |
| 65-24 | 10235 | 11.5 |
| 65-30 | 10238 | 14.6 |
| 65-36 | 10240 | 17.3 |
| 65-48 | 10242 | 23.0 |
| 65-60 | 10244 | 28.8 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **1B** | | |
| **Note:** Size 1A and 1B Alligator lacing has been modified to allow for complete interchangeability. For machine applied lacing, order the corresponding 1A size. | | |
| **27** | | |
| 27-12 | 10485 | 1.7 |
| 27-14 | 10165 | 2.1 |
| 27-16 | 10166 | 2.3 |
| 27-18 | 10167 | 2.6 |
| 27-20 | 10168 | 3.0 |
| 27-22 | 10169 | 3.1 |
| 27-24 | 10170 | 3.4 |
| 27-26 | 10171 | 3.8 |
| 27-28 | 10172 | 3.9 |
| 27-30 | 10173 | 4.2 |
| 27-32 | 10174 | 4.7 |
| 27-36 | 10175 | 5.0 |
| 27-42 | 10176 | 5.9 |
| 27-48 | 10177 | 6.6 |
| 27-54 | 10178 | 7.5 |
| 27-60 | 10179 | 8.2 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **7** | | |
| 7-12 | 10090 | .7 |
| 7-14 | 10091 | .9 |
| 7-16 | 10092 | 1.0 |
| 7-18 | 10093 | 1.1 |
| 7-20 | 10094 | 1.2 |
| 7-22 | 10095 | 1.3 |
| 7-24 | 10096 | 1.4 |
| 7-26 | 10097 | 1.5 |
| 7-28 | 10098 | 1.6 |
| 7-30 | 10099 | 1.7 |
| 7-32 | 10100 | 1.9 |
| 7-36 | 10101 | 2.0 |
| 7-42 | 10102 | 2.2 |
| 7-48 | 10103 | 2.7 |
| 7-60 | 10105 | 3.4 |
| **35** | | |
| 35-12 | 10486 | 2.8 |
| 35-14 | 10180 | 3.3 |
| 35-16 | 10181 | 3.7 |
| 35-18 | 10182 | 4.1 |
| 35-20 | 10183 | 4.6 |
| 35-24 | 10185 | 5.5 |
| 35-30 | 10188 | 6.8 |
| 35-36 | 10190 | 8.2 |
| 35-42 | 10191 | 9.6 |
| 35-48 | 10192 | 11.0 |
| 35-54 | 10193 | 12.4 |
| 35-60 | 10194 | 13.6 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **15** | | |
| 15-12 | 10482 | 1.0 |
| 15-14 | 10110 | 1.2 |
| 15-16 | 10111 | 1.4 |
| 15-18 | 10112 | 1.5 |
| 15-20 | 10113 | 1.6 |
| 15-22 | 10114 | 1.8 |
| 15-24 | 10115 | 2.0 |
| 15-26 | 10116 | 2.2 |
| 15-28 | 10117 | 2.3 |
| 15-30 | 10118 | 2.4 |
| 15-32 | 10119 | 2.6 |
| 15-36 | 10120 | 2.7 |
| 15-42 | 10121 | 3.4 |
| 15-48 | 10122 | 3.8 |
| 15-60 | 10124 | 4.8 |
| **45** | | |
| 45-12 | 10487 | 3.4 |
| 45-14 | 10196 | 4.0 |
| 45-16 | 10197 | 4.6 |
| 45-18 | 10198 | 5.1 |
| 45-20 | 10199 | 5.6 |
| 45-24 | 10201 | 6.8 |
| 45-30 | 10204 | 8.5 |
| 45-36 | 10206 | 10.1 |
| 45-42 | 10207 | 11.8 |
| 45-48 | 10208 | 13.4 |
| 45-60 | 10210 | 16.8 |

Any lengths over 60″ are sold by the set.

### ALLIGATOR® LACING

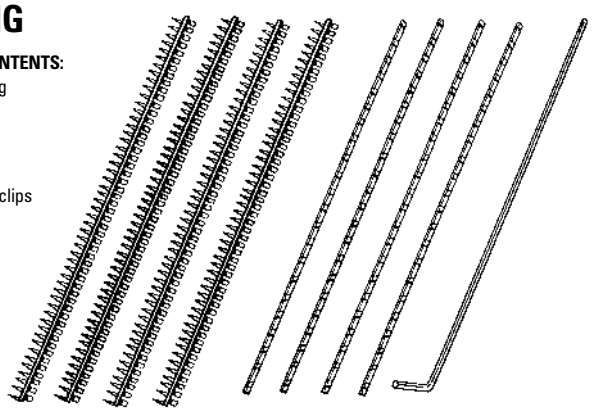
**CARTON CONTENTS:**

4 Sets Lacing

4 Hinge Pins

1 Gauge Pin

– Required amount of clips



# FASTENERS

## 316 STAINLESS LACING WITH 300 SERIES STAINLESS CORRUGATED HINGE PINS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| | | **00S** | | |
| 12″ | 300 | 00S-12 | 10528 | .2 |
| 14″ | 350 | 00S-14 | 10529 | .5 |
| 16″ | 400 | 00S-16 | 10530 | .4 |
| 18″ | 450 | 00S-18 | 10531 | .5 |
| 20″ | 500 | 00S-20 | 10532 | .7 |
| 24″ | 600 | 00S-24 | 10534 | .7 |
| 28″ | 700 | | | |
| 30″ | 750 | 00S-30 | 10537 | .8 |
| 36″ | 900 | 00S-36 | 10539 | 1.0 |
| 42″ | 1050 | 00S-42 | 10540 | 1.0 |
| 48″ | 1200 | 00S-48 | 10541 | 1.4 |
| 54″ | 1350 | | | |
| 60″ | 1500 | 00S-60 | 10543 | 1.7 |
| | | **20S** | | |
| 12″ | 300 | 20S-12 | 10492 | 1.4 |
| 14″ | 350 | 20S-14 | 10595 | 1.6 |
| 16″ | 400 | 20S-16 | 10596 | 1.8 |
| 18″ | 450 | 20S-18 | 10597 | 2.0 |
| 20″ | 500 | 20S-20 | 10598 | 2.2 |
| 24″ | 600 | 20S-24 | 10600 | 2.6 |
| 30″ | 750 | 20S-30 | 10603 | 3.3 |
| 36″ | 900 | 20S-36 | 10605 | 3.9 |
| 42″ | 1050 | 20S-42 | 10606 | 4.6 |
| 48″ | 1200 | 20S-48 | 10607 | 5.2 |
| 60″ | 1500 | 20S-60 | 10609 | 6.6 |
| | | **55S** | | |
| 18″ | 450 | 55S-18 | 10677 | 7.3 |
| 24″ | 600 | 55S-24 | 10680 | 9.7 |
| 30″ | 750 | 55S-30 | 10683 | 12.0 |
| 36″ | 900 | 55S-36 | 10685 | 16.8 |
| 48″ | 1200 | 55S-48 | 10687 | 19.2 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **1S** | | |
| 1S-12 | 10545 | .5 |
| 1S-14 | 10546 | .5 |
| 1S-16 | 10547 | .8 |
| 1S-18 | 10548 | .9 |
| 1S-20 | 10549 | 1.0 |
| 1S-24 | 10551 | 1.1 |
| | | |
| 1S-30 | 10554 | 1.4 |
| 1S-36 | 10556 | 1.7 |
| 1S-42 | 10557 | 2.0 |
| 1S-48 | 10558 | 2.1 |
| 1S-54 | 10559 | 3.1 |
| 1S-60 | 10560 | 2.8 |
| **25S** | | |
| 25S-12 | 10493 | 1.5 |
| 25S-14 | 10611 | 1.8 |
| 25S-16 | 10612 | 2.0 |
| 25S-18 | 10613 | 2.2 |
| 25S-20 | 10614 | 2.5 |
| 25S-24 | 10616 | 3.0 |
| 25S-30 | 10619 | 3.7 |
| 25S-36 | 10621 | 4.5 |
| 25S-42 | 10622 | 4.9 |
| 25S-48 | 10623 | 5.8 |
| 25S-60 | 10625 | 7.4 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **1BS** | | |
| **Note:** Size 1S and 1BS Alligator lacing has been modified to allow for complete interchangeability. For machine applied lacing, order the corresponding 1S size. | | |
| **27S** | | |
| 27S-12 | 10494 | 1.8 |
| 27S-14 | 10627 | 2.1 |
| 27S-16 | 10628 | 2.4 |
| 27S-18 | 10629 | 2.7 |
| 27S-20 | 10630 | 3.0 |
| 27S-24 | 10632 | 3.1 |
| 27S-30 | 10635 | 4.5 |
| 27S-36 | 10637 | 5.3 |
| 27S-42 | 10638 | 6.2 |
| 27S-48 | 10639 | 7.1 |
| 27S-60 | 10641 | 8.7 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **7S** | | |
| 7S-12 | 10562 | .7 |
| 7S-14 | 10563 | .9 |
| 7S-16 | 10564 | 1.0 |
| 7S-18 | 10565 | 1.1 |
| 7S-20 | 10566 | 1.2 |
| 7S-24 | 10568 | 1.4 |
| 7S-28 | 10570 | 1.6 |
| 7S-30 | 10571 | 1.8 |
| 7S-36 | 10573 | 2.1 |
| 7S-42 | 10574 | 2.5 |
| 7S-48 | 10575 | 2.7 |
| 7S-60 | 10577 | 3.7 |
| **35S** | | |
| 35S-12 | 10495 | 2.9 |
| 35S-14 | 10643 | 3.4 |
| 35S-16 | 10644 | 3.9 |
| 35S-18 | 10645 | 4.2 |
| 35S-20 | 10646 | 4.7 |
| 35S-24 | 10648 | 5.6 |
| 35S-30 | 10651 | 7.0 |
| 35S-36 | 10653 | 8.4 |
| 35S-42 | 10654 | 10.2 |
| 35S-48 | 10655 | 11.1 |
| 35S-60 | 10657 | 14.0 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **15S** | | |
| 15S-12 | 10491 | 1.1 |
| 15S-14 | 10579 | 1.1 |
| 15S-16 | 10580 | 1.4 |
| 15S-18 | 10581 | 1.5 |
| 15S-20 | 10582 | 1.7 |
| 15S-24 | 10584 | 2.0 |
| 15S-28 | 10586 | 2.1 |
| 15S-30 | 10587 | 2.5 |
| 15S-36 | 10589 | 2.9 |
| 15S-42 | 10590 | 3.5 |
| 15S-48 | 10591 | 3.9 |
| 15S-60 | 10593 | 4.8 |
| **45S** | | |
| 45S-12 | 10496 | 3.4 |
| | | |
| 45S-18 | 10661 | 5.2 |
| | | |
| 45S-24 | 10664 | 7.0 |
| 45S-30 | 10667 | 8.2 |
| 45S-36 | 10669 | 10.4 |
| 45S-42 | 10670 | 11.9 |
| 45S-48 | 10671 | 13.9 |
| | | |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

# EXTRA HINGE PINS

## STEEL (H) CORRUGATED HINGE PINS – PACKAGES OF 10 PINS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| in. | mm | For 00 | | | For 1 or 7 | | | For 15 | | | For 20 | | |
| 6 | 150 | 00H6 | 10030 | .1 | 1&7H6 | 10031 | .1 | | | | | | |
| 12 | 300 | 00H12 | 11075 | .1 | 1&7H12 | 11092 | .1 | 15H12 | 10033 | .2 | 20H12 | 10034 | .3 |
| 18 | 450 | 00H18 | 11078 | .1 | 1&7H18 | 11095 | .2 | 15H18 | 11126 | .4 | 20H18 | 11142 | .4 |
| 24 | 600 | 00H24 | 11081 | .1 | 1&7H24 | 11098 | .2 | 15H24 | 11129 | .5 | 20H24 | 11145 | .6 |
| 30 | 750 | 00H30 | 11084 | .2 | 1&7H30 | 11101 | .3 | 15H30 | 11132 | .6 | 20H30 | 11148 | .7 |
| 36 | 900 | 00H36 | 11086 | .2 | 1&7H36 | 11103 | .3 | 15H36 | 11134 | .8 | 20H36 | 11150 | .9 |
| 48 | 1200 | 00H48 | 11088 | .2 | 1&7H48 | 11105 | .5 | 15H48 | 11136 | 1.1 | 20H48 | 11152 | 1.2 |
| 60 | 1500 | 00H60 | 11090 | .3 | 1&7H60 | 11107 | .5 | 15H60 | 11138 | 1.2 | 20H60 | 11154 | 1.5 |
| | | For 25 or 27 | | | For 35 | | | For 45 | | | For 55 or 65 | | |
| 12 | 300 | 25&27H12 | 10035 | .4 | 35H12 | 10037 | .6 | 45H12 | 10038 | .9 | | | |
| 18 | 450 | 25&27H18 | 11157 | .7 | 35H18 | 11187 | 1.0 | | | | | | |
| 24 | 600 | 25&27H24 | 11160 | .8 | 35H24 | 11190 | 1.3 | 45H24 | 11205 | 1.7 | 55&65H24 | 11220 | 2.8 |
| 30 | 750 | 25&27H30 | 11163 | 1.1 | 35H30 | 11193 | 1.5 | | | | | | |
| 36 | 900 | 25&27H36 | 11165 | 1.2 | 35H36 | 11195 | 1.8 | 45H36 | 11210 | 2.6 | 55&65H36 | 11225 | 4.3 |
| 48 | 1200 | 25&27H48 | 11167 | 1.8 | 35H48 | 11197 | 2.5 | 45H48 | 11212 | 3.8 | 55&65H48 | 11227 | 5.6 |
| 60 | 1500 | 25&27H60 | 11169 | 2.4 | 35H60 | 11199 | 3.2 | 45H60 | 11214 | 4.4 | 55&65H60 | 11229 | 7.4 |

## STAINLESS (SH) CORRUGATED HINGE PINS – 300 SERIES – PACKAGES OF 10 PINS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| in. | mm | For 00 | | | For 1 or 7 | | | For 15 | | | For 20 | | |
| 12 | 300 | | | | 1&7SH12 | 11846 | .1 | | | | | | |
| 18 | 450 | | | | 1&7SH18 | 11849 | .2 | 15SH18 | 11878 | .4 | | | |
| 24 | 600 | 00SH24 | 11831 | .1 | 1&7SH24 | 11852 | .2 | 15SH24 | 11881 | .5 | 20SH24 | 11906 | .5 |
| 30 | 750 | | | | 1&7SH30 | 11855 | .3 | 15SH30 | 11884 | .7 | 20SH30 | 11909 | .7 |
| 36 | 900 | 00SH36 | 11836 | .2 | 1&7SH36 | 11857 | .4 | 15SH36 | 11886 | .8 | 20SH36 | 11911 | .9 |
| 48 | 1200 | 00SH48 | 11838 | .2 | 1&7SH48 | 11859 | .4 | 15SH48 | 11888 | .9 | 20SH48 | 11913 | 1.2 |
| 60 | 1500 | 00SH60 | 11840 | .3 | 1&7SH60 | 11861 | .5 | 15SH60 | 11890 | 1.0 | | | |
| | | For 25 or 27 | | | For 35 | | | For 45 | | | For 55 or 65 | | |
| 12 | 300 | 25&27SH12 | 11925 | .4 | 35SH12 | 11950 | .7 | | | | | | |
| 18 | 450 | 25&27SH18 | 11928 | .7 | | | | | | | | | |
| 24 | 600 | 25&27SH24 | 11931 | .9 | 35SH24 | 11956 | 1.2 | | | | 55&65SH24 | 11998 | 2.8 |
| 30 | 750 | 25&27SH30 | 11934 | 1.2 | 35SH30 | 11959 | 1.6 | | | | | | |
| 36 | 900 | 25&27SH36 | 11936 | 1.4 | 35SH36 | 11961 | 2.0 | 45SH36 | 11982 | 2.8 | | | |
| 48 | 1200 | 25&27SH48 | 11938 | 1.7 | 35SH48 | 11963 | 2.6 | 45SH48 | 11984 | 4.3 | | | |
| 60 | 1500 | 25&27SH60 | 11940 | 2.0 | | | | | | | | | |

## EXTRA CLIPS

**6 CLIPS PER PACKAGE**

| FASTENER SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 1, 7 | 1 & 7 CLIP | 13256 | .03 |
| 15, 20 | 15 & 20 CLIP | 13250 | .03 |
| 25, 27 | 25 & 27 CLIP | 13252 | .04 |
| 35 | 35 CLIP | 13253 | .04 |
| 45 | 45 CLIP | 13254 | .04 |

## FASTENERS

| STRIP LENGTH | | ORDERING NUMBER | ITEM CODE | SETS/ BOX | WT. LBS. |
|---|---|---|---|---|---|
| in. | mm | STEEL | | | |
| 6″ | 150 | 00 | 10000 | 6 | .2 |
| 6″ | 150 | 1A | 10001 | 6 | .3 |
| 6″ | 150 | 7 | 10002 | 6 | .5 |
| 12″ | 300 | 15 | 10003 | 4 | .9 |
| 12″ | 300 | 20 | 10004 | 4 | 1.2 |
| 12″ | 300 | 25D | 10005 | 4 | 1.4 |
| 12″ | 300 | 25G | 10007 | 8 | 2.6 |
| 12″ | 300 | 27K | 10008 | 4 | 1.7 |
| 12″ | 300 | 27L | 10009 | 8 | 3.2 |
| 12″ | 300 | 35N | 10011 | 4 | 2.7 |
| 12″ | 300 | 45U | 10012 | 4 | 3.3 |
| 12″ | 300 | 55W | 10013 | 4 | 4.7 |
| 12″ | 300 | 65X | 10014 | 4 | 5.8 |

| ORDERING NUMBER | ITEM CODE | SETS/ BOX | WT. LBS. |
|---|---|---|---|
| STAINLESS (TYPE 316) | | | |
| 00S | 10512 | 6 | .2 |
| 1AS | 10513 | 6 | .3 |
| 7S-TRANS | 10514 | 6 | .5 |
| 15S | 10515 | 4 | .9 |
| 20S | 10516 | 4 | 1.2 |
| 25DS | 10517 | 4 | 1.5 |
| 27KS | 10519 | 4 | 1.8 |
| 35NS | 10521 | 4 | 2.8 |
| 45US | 10522 | 4 | 3.4 |
| 55WS | 10523 | 4 | 5.0 |

### ECONOMY PACKAGES – 12″ Strips

| ORDERING NUMBER | ITEM CODE | SETS/ BOX | WT. LBS. |
|---|---|---|---|
| 15E | 10020 | 10 | 3.2 |
| 20E | 10021 | 10 | 4.2 |
| 25E | 10022 | 10 | 4.8 |
| 27E | 10023 | 10 | 5.8 |
| 35E | 10024 | 10 | 8.3 |

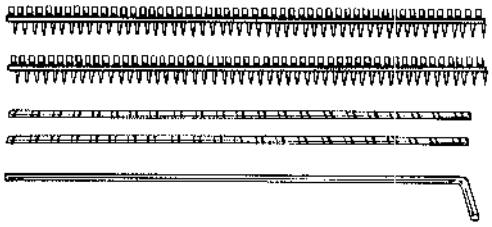
### TRANSMISSION BELT LACING

**CARTON CONTENTS:**

Fastener Sets as indicated above:
Sizes #00, 1 and 7 are 6″ strips.
Sizes #15 through 65 are 12″ strips.

Rocker Hinge Pins (Sizes 00, 1A, 7, 00S, 1AS and 7S come with Corrugated Hinge Pins.)

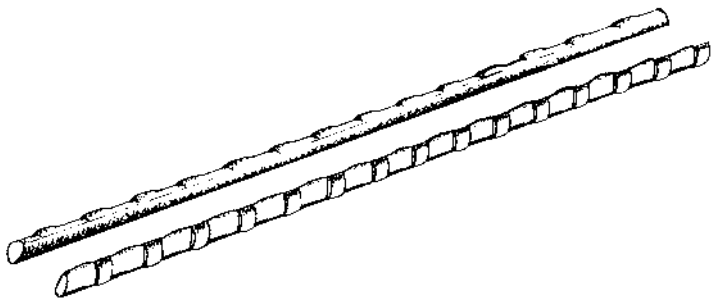
1 Gauge Pin



### ROCKER HINGE PINS (EXTRA-20/PACKAGE) FOR TRANSMISSION BELT LACING

| ORDERING NUMBER | ITEM CODE |
|---|---|
| STEEL (RH) | |
| 15RH12 | 12375 |
| 20RH12 | 12376 |
| 27RH12 | 12378 |
| 35RH12 | 12379 |
| 45RH12 | 12380 |
| 55&65RH12 | 12381 |

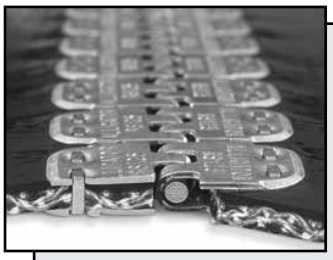
| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| STAINLESS (SRH) | | |
| | | .3 |
| 20SRH12 | 12388 | .3 |
| 25SRH12 | 12389 | .4 |
| | | .5 |
| | | .6 |
| | | .8 |
| | | 1.3 |



**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available.
Request quote for price and delivery.



## How Alligator® Ready Set™ Staple Fasteners Work

Designed for light and medium duty synthetic carcass belting, the Alligator® Staple fastener utilizes high tensile, stainless steel staple attachment, in conjuction with an extended plate design. This design separates the point of fastener penetration from the line of belt flexing to eliminate splice fatigue at the point of belt attachment.

Staple fasteners are furnished in strips with a bridge between each fastener plate. This strip design minimizes the chance of individual parts dislodging into the conveyed product. The one piece design provides a stronger splice, greater resistance to impact damage, and a smoother, unrippled joint that simplifies hinge pin insertion.

Staples are hammer driven through the fastener and belt, working between the carcass fibers without severing them. The staples are then clinched cross-wise to the belt, so that belt tension does not pull against the staples to unclinch them.

### Applications

- Package and Parts Handling
- Cased Goods
- Food
- Wood
- Agricultural Products

### Installation Method

A portable, lightweight application tool is easily carried to the job for on-site installation. The tool holds belt and fastener while staples are set with a hammer and a staple driver.

### What You Need for Installation

- Fasteners
- Hinge Pin
- Installation Tool
- Staple Driver
- 1 lb. Hammer

### How to Specify the Correct Alligator® Staple Fastener

1. Determine Belt Tension (PIW).
2. Measure your Belt Thickness.
3. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
4. Choose the fastener size that is appropriate for your specifications in the selection chart below.

### Fastener Metal Selection

**Steel.** Standard fastener material.

**Stainless Steel.** Type 316 Stainless Steel provides extra resistance to abrasion, magnetic attraction, and corrosion from acids and chemicals.

Type 430 Magnetic Stainless Steel (Sizes 62 and 125).

**MegAlloy®.** (Sizes 125 and 187) For superior resistance to wear and abrasion.

### Hinge Pin Selection

**NC** **Nylon Covered Steel Cable** - for use with steel fasteners, flat or troughed belts.

**NCS** **Nylon Covered Stainless Steel Cable** - for applications with stainless fasteners, flat or troughed belts.

**SP** **Steel Spring Wire** - for use with steel fasteners in abrasive or gritty material applications, flat belts only.

**SS** **Stainless Steel Spring Wire** - for use with stainless fasteners, flat belts only.

## Alligator® Ready Set™ Staple Fasteners Selection Chart

| Fastener Size | Operating Tension Range | | Belt Thickness Range | | Min. Pulley Diameter | | Approx. Hinge Pin Diameter | |
|---|---|---|---|---|---|---|---|---|
| | P.I.W. | kN/m | in. | mm | in. | mm | in. (nylon-steel) | mm (nylon-steel) |
| RS62 | 100 | 17 | 1/16-1/8 | 1.5-3.2 | 2 | 50 | nylon .080, steel .080 | nylon 2.0, steel 2.0 |
| RS125 | 160 | 28 | 1/8-3/16 | 3.2-4.8 | 3 | 75 | nylon .141, steel .141 | nylon 3.6, steel 3.6 |
| RS187 | 200 | 35 | 3/16-1/4 | 4.8-6.4 | 4 | 102 | nylon .203, steel .187 | nylon 5.2, steel 4.7 |

# Alligator® Ready Set™ Staple Fasteners

## FASTENERS

**CARTON CONTENTS:**
- 4 Fastener Sets
- 4 Hinge Pins
- Required Amount of Retaining Washers

### STEEL

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|
| | in. | mm | WITH NYLON COVERED STEEL CABLE PINS (NC) | | | WITH STEEL SPRING WIRE PINS (SP) | | |
| RS62 | 12″ | 300 | RS62J12/300NC | 54476 | 1.3 | RS62J12/300SP | 54486 | 1.3 |
| | 16″ | 400 | RS62J16/400NC | 54477 | 1.8 | | | |
| | 18″ | 450 | RS62J18/450NC | 54478 | 2.0 | RS62J18/450SP | 54487 | 2.0 |
| | 20″ | 500 | RS62J20/500NC | 54479 | 2.2 | RS62J20/500SP | 54492 | 2.2 |
| | 24″ | 600 | RS62J24/600NC | 54480 | 2.7 | RS62J24/600SP | 54488 | 2.7 |
| | 30″ | 750 | RS62J30/750NC | 54481 | 3.4 | RS62J30/750SP | 54493 | 3.4 |
| | 36″ | 900 | RS62J36/900NC | 54482 | 4.0 | RS62J36/900SP | 54489 | 4.0 |
| | 42″ | 1050 | RS62J42NC | 54485 | 4.7 | RS62J42SP | 54502 | 4.7 |
| | 48″ | 1200 | RS62J48NC | 54483 | 5.4 | RS62J48SP | 54490 | 5.4 |
| | 60″ | 1500 | RS62J60NC | 54484 | 6.7 | RS62J60SP | 54491 | 6.7 |

### STAINLESS (TYPE 316)

| ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| WITH STAINLESS SPRING WIRE PINS (SS) | | | WITH NYLON COVERED STAINLESS CABLE PINS (NCS) | | |
| RS62SJ12/300SS | 54494 | 1.3 | RS62SJ12/300NCS | 54505 | 1.3 |
| | | | | | |
| RS62SJ18/450SS | 54495 | 2.0 | RS62SJ18/450NCS | 54506 | 2.0 |
| RS62SJ20/500SS | 54496 | 2.2 | | | |
| RS62SJ24/600SS | 54497 | 2.7 | RS62SJ24/600NCS | 54507 | 2.7 |
| RS62SJ30/750SS | 54498 | 3.4 | RS62SJ30/750NCS | 54504 | 3.4 |
| RS62SJ36/900SS | 54499 | 4.0 | RS62SJ36/900NCS | 54508 | 4.0 |
| RS62SJ42SS | 54503 | 4.7 | | | |
| RS62SJ48SS | 54500 | 5.4 | RS62SJ48NCS | 54509 | 5.4 |
| RS62SJ60SS | 54501 | 6.7 | RS62SJ60NCS | 54510 | 6.7 |

### STEEL

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|
| | in. | mm | WITH NYLON COVERED STEEL CABLE PINS (NC) | | | WITH STEEL SPRING WIRE PINS (SP) | | |
| RS125 | 4″ | 100 | RS125J4NC* | 54513 | 1.6 | | | |
| | 10″ | 250 | RS125J10NC | 54514 | 1.7 | | | |
| | 12″ | 300 | RS125J12/300NC | 54515 | 1.9 | | | |
| | 14″ | 350 | RS125J14NC | 54516 | 2.3 | | | |
| | 16″ | 400 | RS125J16/400NC | 54517 | 2.5 | RS125J16/400SP | 54528 | 2.7 |
| | 18″ | 450 | RS125J18/450NC | 54518 | 2.8 | RS125J18/450SP | 54529 | 3.0 |
| | 20″ | 500 | RS125J20/500NC | 54519 | 3.2 | RS125J20/500SP | 54530 | 3.4 |
| | 24″ | 600 | RS125J24/600NC | 54520 | 3.7 | RS125J24/600SP | 54531 | 4.0 |
| | 30″ | 750 | RS125J30/750NC | 54521 | 4.5 | RS125J30/750SP | 54532 | 4.9 |
| | 36″ | 900 | RS125J36/900NC | 54522 | 5.5 | RS125J36/900SP | 54533 | 6.0 |
| | 42″ | 1050 | RS125J42NC | 54523 | 6.6 | RS125J42SP | 54536 | 7.1 |
| | 48″ | 1200 | RS125J48NC | 54524 | 7.4 | RS125J48SP | 54534 | 7.8 |
| | 60″ | 1500 | RS125J60NC | 54525 | 9.3 | RS125J60SP | 54535 | 10.2 |

### STAINLESS (TYPE 316)

| ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| WITH STAINLESS SPRING WIRE PINS (SS) | | | WITH NYLON COVERED STAINLESS CABLE PINS (NCS) | | |
| | | | RS125SJ10NCS | 54549 | 1.5 |
| RS125SJ12/300SS | 54537 | 1.9 | RS125SJ12/300NCS | 54550 | 1.9 |
| RS125SJ14SS | 54538 | 2.5 | RS125SJ14NCS | 54551 | 2.3 |
| RS125SJ16/400SS | 54539 | 2.8 | RS125SJ16/400NCS | 54552 | 2.5 |
| RS125SJ18/450SS | 54540 | 3.0 | RS125SJ18/450NCS | 54553 | 2.8 |
| RS125SJ20/500SS | 54541 | 3.5 | RS125SJ20/500NCS | 54554 | 3.3 |
| RS125SJ24/600SS | 54542 | 3.9 | RS125SJ24/600NCS | 54555 | 3.8 |
| RS125SJ30/750SS | 54543 | 4.9 | RS125SJ30/750NCS | 54556 | 4.8 |
| RS125SJ36/900SS | 54544 | 5.9 | RS125SJ36/900NCS | 54557 | 5.5 |
| RS125SJ42SS | 54547 | 7.1 | RS125SJ42NCS | 54560 | 6.3 |
| RS125SJ48SS | 54545 | 8.0 | RS125SJ48NCS | 54558 | 7.6 |
| RS125SJ60SS | 54546 | 10.1 | RS125SJ60NCS | 54559 | 9.4 |

*10 Sets per Box

### STEEL

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|
| | in. | mm | WITH NYLON COVERED STEEL CABLE PINS (NC) | | | WITH STEEL SPRING WIRE PINS (SP) | | |
| RS187 | 4″ | 100 | RS187J4NC* | 54587 | 2.3 | | | |
| | 12″ | 300 | RS187J12/300NC | 54588 | 2.6 | | | |
| | 16″ | 400 | RS187J16/400NC | 54589 | 3.7 | | | |
| | 18″ | 450 | RS187J18/450NC | 54590 | 4.1 | RS187J18/450SP | 54598 | 4.5 |
| | 20″ | 500 | RS187J20/500NC | 54591 | 4.8 | RS187J20/500SP | 54599 | 5.1 |
| | 24″ | 600 | RS187J24/600NC | 54592 | 5.5 | RS187J24/600SP | 54601 | 5.9 |
| | 30″ | 750 | RS187J30/750NC | 54593 | 6.8 | RS187J30/750SP | 54603 | 7.4 |
| | 36″ | 900 | RS187J36/900NC | 54594 | 8.1 | RS187J36/900SP | 54604 | 9.0 |
| | 42″ | 1050 | RS187J42NC | 54595 | 9.5 | RS187J42SP | 54605 | 10.1 |
| | 48″ | 1200 | RS187J48NC | 54596 | 9.9 | RS187J48SP | 54602 | 11.5 |
| | 60″ | 1500 | RS187J60NC | 54597 | 11.9 | RS187J60SP | 54586 | 14.4 |

### STAINLESS (TYPE 316)

| ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| WITH STAINLESS SPRING WIRE PINS (SS) | | | WITH NYLON COVERED STAINLESS CABLE PINS (NCS) | | |
| | | | | | |
| RS187SJ12/300SS | 54765 | 3.4 | RS187SJ12/300NCS | 54616 | 2.8 |
| RS187SJ16/400SS | 54613 | 4.0 | RS187SJ16/400NCS | 54614 | 3.9 |
| RS187SJ18/450SS | 54606 | 4.5 | RS187SJ18/450NCS | 54615 | 4.3 |
| RS187SJ20/500SS | 54624 | 5.1 | RS187SJ20/500NCS | 54621 | 4.9 |
| RS187SJ24/600SS | 54607 | 5.9 | RS187SJ24/600NCS | 54617 | 5.5 |
| RS187SJ30/750SS | 54608 | 7.6 | RS187SJ30/750NCS | 54618 | 7.1 |
| RS187SJ36/900SS | 54609 | 8.9 | RS187SJ36/900NCS | 54619 | 8.4 |
| RS187SJ42SS | 54610 | 9.7 | RS187SJ42NCS | 54622 | 8.9 |
| RS187SJ48SS | 54611 | 11.8 | RS187SJ48NCS | 54620 | 11.3 |
| RS187SJ60SS | 54612 | 13.8 | RS187SJ60NCS | 54715 | 13.3 |

*10 Sets per Box

**PLEASE NOTE: 310 Alligator Staple is no longer available.**

### MAGNETIC STAINLESS (TYPE 430)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| RS62MJ24/600MS | 54473 | 2.7 |
| RS125MJ24/600MS | 54566 | 3.8 |

**NOTE:** Plate, Staples, and Hinge Pins are all Magnetic Stainless Steel.

**STAPLE LENGTHS**
**RS62 = .37" (9.4 mm)**
**RS125 = .45" (11.4 mm)**
**RS187 = .52" (13.2 mm)**

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

# HINGE PINS (EXTRA)

**COILS**

| | COIL LENGTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|
| | Foot | M | NC62 NYLON COVERED STEEL CABLE | | | NCS62 NYLON COVERED STAINLESS CABLE | | |
| For 62 | 10′ | 3 | NC62-X | 54002 | .1 | NCS62-X | 54005 | .1 |
| | 100′ | 30 | NC62-C | 54003 | 1.0 | NCS62-C | 54006 | 1.0 |
| | NC AND NCS PIN MATERIAL IS OFFERED IN 10 FOOT (3 METER) COILS ("X") OR 100 FOOT (30 METER) REELS ("C"). | | | | | | | |
| For 125 | | | NC1 NYLON COVERED STEEL CABLE | | | NCS1 NYLON COVERED STAINLESS CABLE | | |
| | 10′ | 3 | NC1-X | 50661 | .2 | NCS1-X | 50665 | .2 |
| | 100′ | 30 | NC1-C | 50662 | 1.7 | NCS1-C | 50666 | 1.7 |
| For 187 | | | NC187 NYLON COVERED STEEL CABLE | | | NCS187 NYLON COVERED STAINLESS CABLE | | |
| | 10′ | 3 | NC187-X | 50669 | .2 | NCS187-X | 50673 | .2 |
| | 100′ | 30 | NC187-C | 50670 | 4.8 | NCS187-C | 50674 | 4.8 |

**PACKAGES OF 10 PINS**

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|
| in. | mm | SP62 STEEL SPRING WIRE PINS | | | SS62 300 SERIES STAINLESS SPRING WIRE PINS | | |
| 12″ | 300 | SP62-12/300 | 54111 | .2 | SS62-12/300 | 54148 | .2 |
| 16″ | 400 | SP62-16/400 | 54112 | .3 | SS62-16/400 | 54149 | .3 |
| 18″ | 450 | SP62-18/450 | 54113 | .3 | SS62-18/450 | 54150 | .3 |
| 20″ | 500 | SP62-20 | 54114 | .3 | SS62-20 | 54151 | .3 |
| 24″ | 600 | SP62-24/600 | 54115 | .4 | SS62-24/600 | 54152 | .4 |
| 30″ | 750 | SP62-30/750 | 54116 | .5 | SS62-30/750 | 54153 | .5 |
| 36″ | 900 | SP62-36/900 | 54117 | .6 | SS62-36/900 | 54154 | .6 |
| 42″ | 1050 | SP62-42 | 54118 | .7 | SS62-42 | 54155 | .7 |
| 48″ | 1200 | SP62-48 | 54119 | .8 | SS62-48 | 54156 | .8 |
| 54″ | 1350 | SP62-54 | 54120 | 1.0 | SS62-54 | 54157 | 1.0 |
| 60″ | 1500 | SP62-60 | 54121 | 1.0 | SS62-60 | 54158 | 1.0 |
| | | SP1 STEEL SPRING WIRE PINS | | | SS1 300 SERIES STAINLESS SPRING WIRE PINS | | |
| 16″ | 400 | SP1-16/400 | 50173 | .6 | SS1-16/400 | 50413 | .6 |
| 18″ | 450 | SP1-18/450 | 50174 | .7 | SS1-18/450 | 50414 | .7 |
| 20″ | 500 | SP1-20 | 50175 | .8 | SS1-20 | 50415 | .8 |
| 24″ | 600 | SP1-24/600 | 50176 | 1.0 | SS1-24/600 | 50416 | 1.0 |
| 30″ | 750 | SP1-30/750 | 50178 | 1.2 | SS1-30/750 | 50418 | 1.2 |
| 36″ | 900 | SP1-36/900 | 50179 | 1.4 | SS1-36/900 | 50419 | 1.4 |
| 42″ | 1050 | SP1-42 | 50180 | 1.7 | SS1-42 | 50420 | 1.7 |
| 48″ | 1200 | SP1-48 | 50181 | 1.9 | SS1-48 | 50421 | 1.9 |
| 60″ | 1500 | SP1-60 | 50183 | 2.4 | SS1-60 | 50423 | 2.4 |
| | | SP2 STEEL SPRING WIRE PINS | | | SS2 300 SERIES STAINLESS SPRING WIRE PINS | | |
| 18″ | 450 | SP2-18/450 | 50426 | 1.3 | SS2-18/450 | 50439 | 1.3 |
| 20″ | 500 | SP2-20 | 50427 | 1.4 | SS2-20 | 50440 | 1.4 |
| 24″ | 600 | SP2-24/600 | 50428 | 1.7 | SS2-24/600 | 50441 | 1.7 |
| 30″ | 750 | SP2-30/750 | 50430 | 2.1 | SS2-30/750 | 50443 | 2.1 |
| 36″ | 900 | SP2-36/900 | 50431 | 2.5 | SS2-36/900 | 50444 | 2.5 |
| 42″ | 1050 | SP2-42 | 50432 | 2.9 | SS2-42 | 50445 | 2.9 |
| 48″ | 1200 | SP2-48 | 50433 | 3.4 | SS2-48 | 50446 | 3.4 |
| 60″ | 1500 | SP2-60 | 50435 | 4.2 | SS2-60 | 50448 | 4.2 |

## COMPLETE TOOL KITS

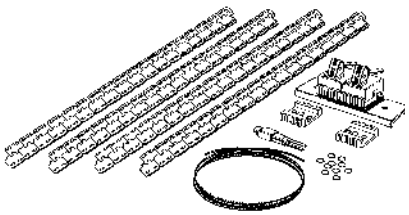
Each kit includes an Installation Tool, Staple Setting Plate, Belt Skiver, Belt Nippers, and a 1 lb. Hammer. Packaged in a durable plastic tool box.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 6″ Installation Kit | RSTK4-6 | 54634 | 20.5 |
| 12″ Installation Kit | RSTK4-12 | 54635 | 27.7 |
| Extra Tool Box | TOOL BOX STK | 50009 | 5.4 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) have added lead time.

**Non-Listed Items** are available.
Request quote for price and delivery.

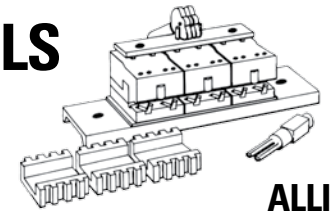


## INTRODUCTORY KIT

Each kit includes: 1 RSC187-4 Application Tool, four Joints, RS125-18 Staple Fasteners, and six feet Nylon-covered Hinge Pin (NC) material.

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| RSAS-1 | 54633 | 7.5 |

# INSTALLATION TOOLS



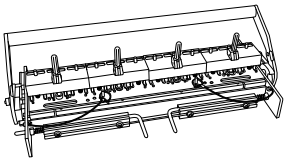
## ALLIGATOR® RSC187

(For sizes no. 62, No. 125, and no. 187)

Includes Staple Driver

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| RSC187 | 54626 | 1.3 |
| RSC187-4 | 54627 | 4.0 |
| RSC187-6 | 54628 | 5.6 |
| RSC187-12 | 54629 | 12.8 |
| RSC187-24 | 54631 | 20.0 |

**NOTE:** To upgrade your old C187 installation tool for use with Ready Set staple fasteners, exchange the green guide block(s) with the yellow (Ready Set) guide block(s) (ST5-5, Item Code 50016).



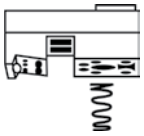
## ALLIGATOR® GOLD CLASS PLUS INSTALLATION TOOL

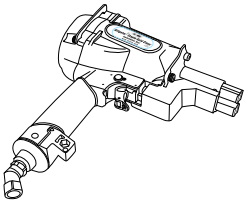
| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 24" Alligator Gold Class Plus Installation Tool | RS-GOLD-DA | 55590 | 63.0 |
| **REPLACEMENT PARTS** | | | |
| Guide Block | ST7-5 | 55554 | 8.4 |
| Anvil Replacement Kit | ST8-ANV | 55591 | N/A |
| Cam Lever | ST8-CAM | 55592 | 0.1 |

## READY SET STAPLE GUIDE BLOCK

(Includes Cam Lever Spring)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| ST5-5 | 50016 | .2 |

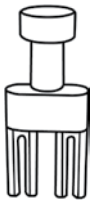




## ALLIGATOR® QUAD STAPLE DRIVER

**(DRIVES FOUR STAPLES AT ONE TIME)**

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| ST6-9 | 50201 | .5 |



## ALLIGATOR® GOLD CLASS POWER DRIVER

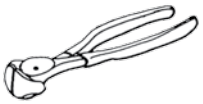
| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Power Driver | RS-GOLD-DRIVER | 55541 | 14.0 |

## STAPLE SETTING PLATE

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| ST-28 | 50249 | 5.0 |

12" x 3"

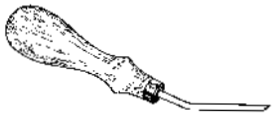
## BELT NIPPERS



| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| BN-1 | 50003 | .8 |

## HINGE PIN RETAINING WASHERS-316SS

| FOR FASTENER NUMBER | ORDERING NUMBER | ITEM CODE | OUTSIDE DIAMETER | INSIDE DIAMETER | WT. LBS. |
|---|---|---|---|---|---|
| 62 | 62-RET-50 | 54030 | 1/4" | .10 | .1 |
| 125 | 125-RET-50 | 50053 | 5/16" | .16 | .1 |
| 187 | 187-RET-50 | 50075 | 3/8" | .22 | .1 |

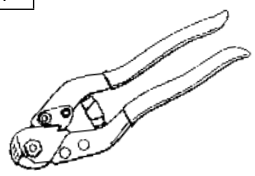


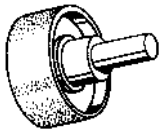
## ROUGH-TOP BELT SKIVER

| DESCRIPTION/ ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| RTBS Rough Top Skiver | 03239 | .3 |

## ALLIGATOR® HINGE PIN CUTTER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| APC-1 | 50004 | .5 |





## HINGE PIN BENDER

(For use with spring wire pins)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| PB1 | 50077 | .4 |

## ALLIGATOR® BELT GRINDER

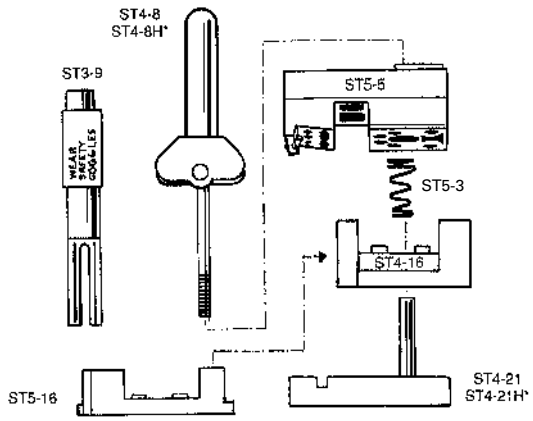
| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| RB-1 | 30867 | .7 |

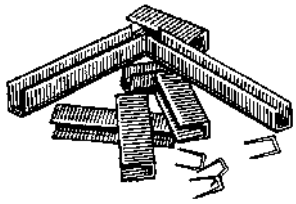
# REPLACEMENT PARTS

## FOR RSC187

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Cam Lever Spring | ST5-3 | 50015 | .1 |
| Staple Driver | ST3-9 | 50200 | .3 |
| Mounting Bolt | ST3-13 | 50226 | .1 |
| Cam Locating Pin | ST3-14 | 50227 | .1 |
| Clamp Bar* | ST3-15-6 | 50231 | .1 |
| Anvil with Dowel Pins (Short)* | ST4-21 | 50238 | .7 |
| Anvil with Dowel Pins (Long)* | ST4-21H | 50239 | .7 |
| ReadySet Staple Guide Block for RSC187 (yellow) | ST5-5 | 50016 | .2 |
| Cam Lever Assembly (Short) | ST4-8 | 50243 | .1 |
| Cam Lever Assembly (Long)* | ST4-8H | 50244 | .1 |
| Comb 125/187 (Green) | ST4-16 | 50248 | .3 |
| Comb 62/125 (Yellow) | ST5-16 | 54010 | .3 |

***NOTE:** ST3-15-6 Clamp Bar, ST4-21H Anvil with Dowel Pins (Long) and ST4-8H Cam Lever Assembly (Long) are for multiple stage C187 tools that are six (6) inches or longer. For single stage C187 tools, order ST4-21 Anvil with Dowel Pins (Short) and the ST4-8 Cam Lever Assembly (Short).



# MEGALLOY® STAPLE FASTENERS

## MEGALLOY® FASTENERS

(Includes 16-6" fastener strips with staples. Hinge pins not included)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| 125MA | 50270 | 1.9 |
| 187MA | 50272 | 2.6 |

## INSTALLATION TOOLS

### STAPLE DISPENSER

| ORDERING NUMBER | ITEM CODE | WT. LBS. | FOR SIZE |
|---|---|---|---|
| C150 | 50025 | 1.3 | 125 & 187 |

## EXTRA STAPLES FOR MEGALLOY® FASTENERS

| FOR FASTENER NUMBER | ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|---|
| 125 | S125 | 50144 | 990 | .9 |
| 187 | S187 | 50146 | 990 | 1.0 |

## REPLACEMENT PARTS FOR ALLIGATOR® C187 INSTALLATION TOOL

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Cam Lever Spring | ST3-3 | 50188 | .1 |
| Staple Guide Block -Green* | ST4-5 | 50240 | .2 |

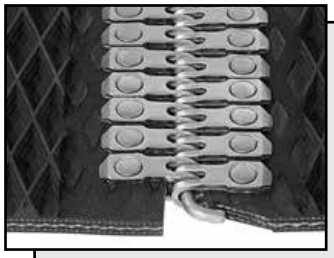
*For MegAlloy® only

**NOTE:** When ordering MegAlloy® Fasteners or bulk ordering lacing with special staple lengths, you must use a green guide block (ST4-5, #50240) with your installation tool. When using loose staples you can order a staple dispenser to speed your installation of this product.

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.



## How Alligator® Rivet Fasteners Work

The Alligator® Rivet Fastener system uses the self-setting rivet technology that Flexco developed for the underground mining market. The patented rivets work between the carcass fibers, without severing them, leaving the entire belt carcass intact. The fasteners and rivets of this system are constructed from durable, abrasion-resistant stainless steel for long life.

Because the rivets are self-setting, fasteners are installed quickly from the top side of the belt. Rivets are driven through the fastener plates and the belt, passing between the carcass fibers. The specially-shaped head of each pilot nail works in conjunction with the application tool's anvil plate to set the rivets.

| Applications | Installation Method | What You Need for Installation |
|---|---|---|
| Hay Baling | Fasteners are installed in one simple procedure with self-setting rivets, using a portable fixture and hammer. | • Fasteners<br>• Rivets<br>• Hinge Pin<br>• Installation Tool<br>• 1 lb. Hammer |
| **How to Specify the Correct Alligator® Rivet Fastener** | **Fastener Metal Selection** | **Hinge Pin Selection** |
| Fits most round hay balers.<br>Contact Customer Service for more information. | **Stainless Steel.**<br>Type 300 Series Stainless Steel. | **Steel Corrugated** - the standard metal pin. Corrugations retain pin within the splice.<br>**Stainless Steel Spring Wire** - resists wear and corrosion. |

### Alligator® Rivet Fastener Selection Chart

| Operating Tension Range | | Belt Thickness Range | | Pulley Diameter | | Approx. Hinge Pin Diameter | |
|---|---|---|---|---|---|---|---|
| P.I.W. | kN/m | in. | mm | in. | mm | in. | mm |
| 300 | 52 | 13/64-15/64 | 5.1-6.0 | 3-1/2 | 88 | .140 | 3.6 |

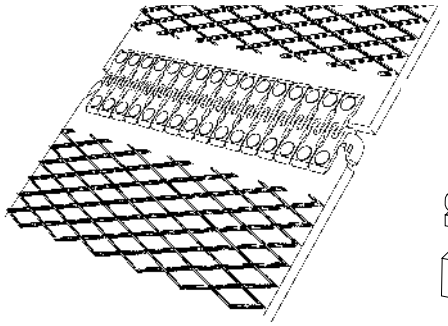
# FASTENERS

## (300 SERIES STAINLESS PLATES)

Sold only in case quantities. 10 Packs/case, 10 pack minimum

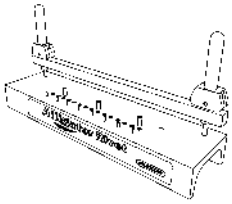
| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | UNIT OF MEASURE |
|---|---|---|---|---|
| in. | mm | WITH STEEL CORRUGATED HEAT-TREATED HINGE PINS | | |
| 4 | 100 | ARJ4/100 | 15000 | Package |
| 6 | 150 | ARJ6/150 | 14983 | Package |
| 7 | 175 | ARJ7/175 | 15001 | Package |
| 10 | 250 | ARJ10/250 | 15002 | Package |
| 14 | 350 | ARJ14/350 | 15003 | Package |
| WITH 300 SERIES STAINLESS SPRING WIRE HINGE PINS | | | | |
| 6 | 150 | ARJ6/150SSI | 14995 | Package |

**NOTE:** Each package includes fasteners, rivets and hinge pins for 2 complete splices.



## HAND APPLICATOR TOOL

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 7" (175 mm) Installation Tool | ART-7 | 15004 | 6.9 |
| 14" (350 mm) Installation Tool | ART-14 | 15005 | 10.1 |



## MULTIPLE RIVET INSTALLATION TOOL

Includes tool with guide block, pneumatic punch and hand punch

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 7" (175 mm) Installation Kit | MART-7 | 15025 | 9.1 |
| 14" (350 mm) Installation Kit | MART-14 | 15026 | 12.4 |
| **REPLACEMENT PARTS** | | | |
| Pneumatic Punch | AR1P | 15027 | .2 |

**NOTE:** When using the pneumatic punch, air pressure not to exceed 85 psi.

## COMPLETE TOOL KITS - HAND APPLICATOR TOOL

Each kit includes an Installation Tool, Belt Hand Skiver, 1 lb. Hammer, Pin Bender and 2 packages of Alligator Rivet Fasteners. Packaged in a durable plastic tool box.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 7" (175 mm) Installation Kit | ARTK-7 | 15006 | 14.5 |
| 14" (350 mm) Installation Kit | ARTK-14 | 15015 | 18.5 |

## COMPLETE TOOL KITS - MULTIPLE RIVET INSTALLATION TOOL

Each kit includes a multiple rivet installation tool, guide block with screws, two pneumatic punches, hand punch and air hammer. Packaged in a durable plastic tool box.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 7" (175 mm) Installation Kit | MARTK-7 | 15032 | 16.5 |
| 14" (350 mm) Installation Kit | MARTK-14 | 15033 | 19.7 |

**NOTE:** When using the pneumatic punch, air pressure not to exceed 85 psi.

## REPLACEMENT HINGE PINS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | QTY. PKG. |
|---|---|---|---|---|
| in. | mm | ARSH STEEL CORRUGATED HEAT-TREATED HINGE PIN | | |
| 4" | 100 | ARSH4/100 | 14990 | 9 |
| 6" | 150 | ARSH6/150 | 14991 | 8 |
| 7" | 175 | ARSH7/175 | 14992 | 8 |
| 10" | 250 | ARSH10/250 | 14993 | 4 |
| 14" | 350 | ARSH14/350 | 14994 | 4 |

| NUMBER | ITEM CODE | QTY. PKG. |
|---|---|---|
| ARSS1 300 SERIES STAINLESS SPRING WIRE PIN | | |
| ARSS1-4/100 | 15007 | 9 |
| ARSS1-6/150 | 15017 | 8 |
| ARSS1-7/175 | 15008 | 8 |
| ARSS1-10/250 | 15009 | 4 |
| ARSS1-14/350 | 15010 | 4 |

**NOTE:** For nylon covered hinge pins, NC1 or NCS1, see page 38.

ARSS1



ARSH

## EXTRA RIVETS (TYPE 430)

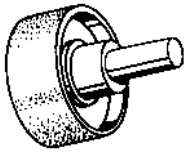
| DESCRIPTION | ORDERING NUMBER | ITEM CODE |
|---|---|---|
| 15/PKG. | AR3-15 | 15011 |

## REPLACEMENT PARTS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Punch | AR1P | 15027 | .20 |
| Guide Block 7" | MARGB-7 | 15028 | 1.0 |
| Guide Block 14" | MARGB-14 | 15029 | 1.6 |
| Cam Lever Assembly | ART7-7 | 15012 | .1 |
| Cam Lever Spring | ST5-3 | 50015 | .1 |
| Clamp Bar 7" | ART7-5 | 15013 | .8 |
| Clamp Bar 14" | ART14-5 | 15014 | 1.3 |
| Guide Block Post | MART-GBPW/S | 15031 | .1 |
| Guide Block Knob | MART-GBK | 15030 | .3 |
| Felt Washers (2 per Package) | MART-GBFW | 15035 | .1 |

## ALLIGATOR® BELT GRINDER

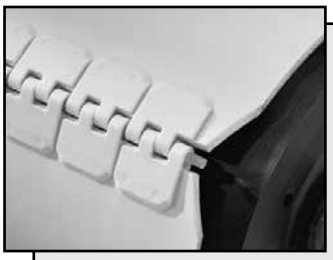
| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| RB-1 | 30867 | .7 |



**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production.
In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.



# How Alligator® Non-Metallic Fasteners Work

Alligator® Non-Metallic Fasteners are made up of two distinct product lines, the Alligator® Plastic Rivet System and the Alligator® Spiral Lace Fastener System.

The **Alligator® Plastic Rivet Fasteners** were developed to bring the many advantages of mechanical belt fasteners to those applications where metal belt fasteners could not be used. They are external, cover-mounted fasteners employing a one-piece, integrated design with rivets molded into the top plates of the fasteners. These rivets pass through pre-punched holes and are formed over through our Spin-Set™ technology, compressing the fastener plates and finishing the splice.

The **Alligator® Spiral Lace Fastener** system was designed for small pulley, low-profile applications. The fastener is constructed of polyester webbing, spirals, and hinge pins. It is installed by either insertion between the plies, ply stepping, or finger splicing.

## Applications

- Baggage Handling
- Food Processing
- X-Ray Equipment
- Pharmaceutical
- Indexing Conveyors
- Mail Sortation

## Installation Method

**Alligator® Plastic Rivet**

Pass through pre-punched holes and are Spin-Set™, compressing the fastener plates and finishing the splice.

**Alligator® Spiral Lace**

- Ply Insertion
- Ply Stepping
- Finger Splice
- Finger-Step Splice

## What You Need for Installation

**Alligator® Plastic Rivet**

- Fasteners
- Hinge Pin
- Belt Punch
- Templet
- Curling Bit
- Comb Assembly
- MDT-1
- Installation Tool

**Alligator® Spiral Lace**

- Spiral Lace
- Hinge Pin
- Adhesive Enhancer
- Film/Foil
- Splicing Press

## How to Specify the Correct Alligator® Non-Metallic Fastener

1. Determine Belt Tension (PIW).
2. Measure your Belt Thickness.
3. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
4. Choose the fastener size that is appropriate for your specifications in the selection chart below.

## Fastener Selection

**Alligator® Plastic Rivet**

**Nylon.**

**Alligator® Spiral Lace**

**Polyester.**

## Hinge Pin Selection

**Alligator® Plastic Rivet**

**Nylon.**

**Alligator® Spiral Lace**

**Polyester.**

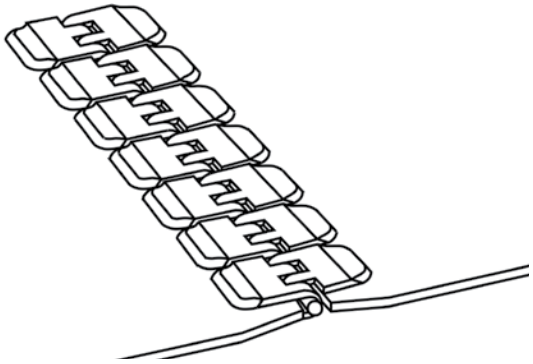
## Alligator® Plastic Rivet Fastener Selection Chart

| Fastener Size | For Belts With Mechanical Fastener Ratings Up To: | | Belt Thickness Range | | Recommended Min. Pulley Diameter | | Approx. Hinge Pin Diameter | |
|---|---|---|---|---|---|---|---|---|
| | P.I.W. | kN/m | in. | mm | in. | mm | in. | mm |
| APF-100 | 40 | 7 | Up thru 3/32 | Up thru 2.4 | 1-1/2 | 38 | .096 | 2.5 |
| APF-150 | 65 | 11 | 1/16-1/8 | 1.6-3.2 | 3 | 75 | .136 | 3.5 |

## Alligator® Spiral Lace Fastener Selection Chart

| Fastener Size | Approx. Belt Thickness Range | | Min. Pulley/Nose Bar | | Approx. Operating Tension | | Max. Operating Temperature | | Approx. Pin Dia. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | in. | mm | in. | mm | P.I.W. | kN/m | Degrees F | Degrees C | in. | mm |
| ASL50 | 1/16-1/8 | 1.6-3.2 | 3/8 | 10 | 50 | 8.7 | 300 | 150 | .031 | 0.8 |
| ASL60 | 3/32-9/64 | 2.4-3.6 | 1/2 | 12.7 | 50 | 8.7 | 300 | 150 | .035 | .9 |
| ASL90 | 1/8-3/16 | 3.2-4.6 | 5/8 | 15.3 | 50 | 8.7 | 300 | 150 | .047 | 1.2 |

# PLASTIC RIVET



## FASTENERS Includes Fasteners & Hinge Pin to make one splice.

| | BELT WIDTH | | DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|
| | in. | mm | | | | |
| 100 | 24 | 600 | White | APF100W-50 | 80013 | 0.44 |
| | 48 | 1200 | White | APF100W-100 | 80014 | 0.63 |
| | 24 | 600 | Black | APF100B-50 | 80017 | 0.44 |
| | 48 | 1200 | Black | APF100B-100 | 80018 | 0.63 |
| | 24 | 600 | Blue | APF100BLUE-50 | 80023 | 0.44 |
| | 48 | 1200 | Blue | APF100BLUE-100 | 80024 | 0.63 |
| 150 | 24 | 600 | White | APF150W-50 | 80011 | 0.56 |
| | 48 | 1200 | White | APF150W-100 | 80012 | 1.00 |
| | 24 | 600 | Black | APF150B-50 | 80015 | 0.56 |
| | 48 | 1200 | Black | APF150B-100 | 80016 | 1.00 |
| | 24 | 600 | Blue | APF150BLUE-50 | 80026 | 0.56 |
| | 48 | 1200 | Blue | APF150BLUE-100 | 80027 | 1.00 |

## BULK FASTENERS

Recloseable plastic pail contains 500 fasteners - no Hinge Pins.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| White | APF100W-500 | 80019 | 1.35 |
| Black | APF100B-500 | 80021 | 1.35 |
| Blue | APF100BLUE-500 | 80025 | 1.35 |
| White | APF150W-500 | 80020 | 2.14 |
| Black | APF150B-500 | 80022 | 2.14 |
| Blue | APF150BLUE-500 | 80028 | 2.14 |

BULK FASTENERS

## HINGE PINS

| FASTENER SIZE | LENGTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | Foot | Meter | | | |
| APF100 | 10 | 3 | NL250-X | 80203 | 0.22 |
| APF100 | 100 | 30 | NL250-C | 80204 | 2.20 |
| APF150 | 10 | 3 | NL350-X | 80201 | 0.08 |
| APF150 | 100 | 30 | NL350-C | 80202 | 0.80 |

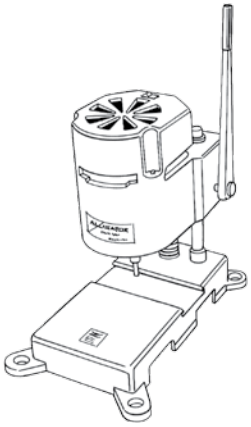
# INSTALLATION TOOLS

## MOTOR DRIVEN INSTALLATION TOOL

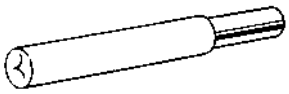
**(Required for Installation)**

Does not include Comb Assembly or Temple. Purchase seperately.

| VOLTAGE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 110V | MDT-1 | 80110 | 31.0 |
| 220V-50 Cycle | MDT220-1 | 80111 | 35.0 |



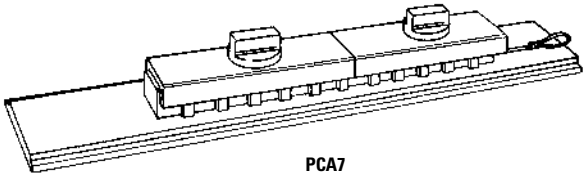
MDT-1



S100B

## CURLING BIT (Required for Installation)

| FASTENER SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| APF100 | S100B | 80075 | 0.06 |
| APF150 | S150B | 80076 | 0.06 |



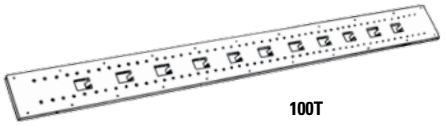
PCA7

## COMB ASSEMBLY (Required for Installation)

Includes Gauge Pin

| LENGTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 12 | 300 | PCA7-300 | 80099 | 5.0 |
| 24 | 600 | PCA7-600 | 80100 | 9.0 |
| Clamp Knob Assembly | | | 80150 | 0.1 |

# Alligator® Non-Metallic Fasteners



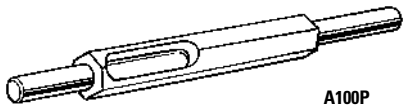
100T

## TEMPLETS

| LENGTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in | mm | | | |
| **FOR APF100 FASTENERS** | | | | |
| 12 | 300 | 100T-300 | 80042 | 0.70 |
| 24 | 600 | 100T-600 | 80043 | 1.38 |
| 36 | 900 | 100T-900 | 80044 | 1.81 |
| 48 | 1200 | 100T-1200 | 80045 | 2.50 |
| **FOR APF150 FASTENERS** | | | | |
| 12 | 300 | 150T-300 | 80038 | 0.69 |
| 24 | 600 | 150T-600 | 80039 | 1.25 |
| 36 | 900 | 150T-900 | 80040 | 1.81 |
| 48 | 1200 | 150T-1200 | 80041 | 2.38 |

## BELT PUNCH

| FASTENER SIZE | HOLE DIAMETER | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| APF100 | .130 | A100P | 80078 | 0.06 |
| APF150 | .156 | A150P | 80079 | 0.06 |



A100P

## PLASTIC RIVET LUBE

| ORDERING NUMBER | ITEM CODE | WT. LBS | PKG. QTY. |
|---|---|---|---|
| PRL4 | 80090 | 0.38 | 1 |

# ALLIGATOR® SPIRAL LACE

## FASTENERS (Hinge Pin included)

| LENGTH | | ORDERING NUMBER | ITEM CODE | WT LBS. |
|---|---|---|---|---|
| Foot | Meter | | | |
| **WHITE – SINGLE WEB** | | | | |
| 10 | 3 | ASL50/3 | 19460 | 0.6 |
| 33 | 10 | | | |
| 100 | 30 | ASL50/30 | 04281 | N/A |
| 10 | 3 | ASL60/3 | 19461 | 0.7 |
| 33 | 10 | ASL60/10 | 19462 | 2.2 |
| 100 | 30 | ASL60/30 | 19463 | 6.4 |
| 10 | 3 | ASL90/3 | 19466 | 0.9 |
| 33 | 10 | ASL90/10 | 19467 | 2.4 |
| 100 | 30 | ASL90/30 | 19468 | 6.8 |
| 10 | 3 | ASL160/3 | 19483 | 1.1 |
| 100 | 30 | ASL160/30 | 03913 | 7.5 |
| 10 | 3 | ASL190/3 | 19484 | 1.1 |
| 33 | 10 | ASL190/10 | 03892 | 3.3 |
| **WHITE – DOUBLE WEB** | | | | |
| 10 | 3 | ASL60D/3 | 19476 | 1.0 |
| 33 | 10 | ASL60D/10 | 19477 | 2.5 |
| 100 | 30 | ASL60D/30 | 19478 | 6.8 |
| 10 | 3 | ASL90D/3 | 19479 | 1.2 |
| 33 | 10 | ASL90D/10 | 19480 | 2.8 |
| 100 | 30 | ASL90D/30 | 19481 | 7.5 |
| **TAN – DOUBLE WEB** | | | | |
| 10 | 3 | ASL80H/3 | 19470 | 1.5 |
| 10 | 3 | | | |
| 10 | 3 | | | |

| ORDERING NUMBER | ITEM CODE | WT LBS. |
|---|---|---|
| **BLACK – SINGLE WEB** | | |
| ASLB50/3 | 04261 | 0.6 |
| ASLB50/10 | 04262 | N/A |
| ASLB50/30 | 04281 | 5.7 |
| ASLB60/3 | 19486 | 0.7 |
| ASLB60/30 | 05463 | 6.4 |
| ASLB90/3 | 19485 | 0.9 |
| ASLB90/30 | 19491 | 6.8 |
| **BLACK – DOUBLE WEB** | | |
| ASLB90D/3 | 19489 | 1.2 |
| ASLB90D/10 | 19490 | 2.8 |
| ASLB90D/30 | 19494 | 7.5 |
| **BLUE – SINGLE WEB** | | |
| ASLBLUE50/3 | 04416 | 0.6 |
| ASLBLUE60/3 | 04417 | 1.0 |
| ASLBLUE90/3 | 04418 | 1.0 |

## REPLACEMENT HINGE PINS

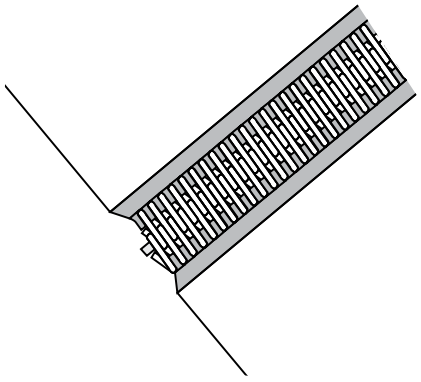
Bulk Hinge Pin material - 100' / coil

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| ASLHP60-C | 19473 | 0.5 |
| ASLHP90-C | 19474 | 0.6 |
| ASLHP80-C | 19475 | 0.6 |

## LEADER PINS

**Note:** Custom lengths available.

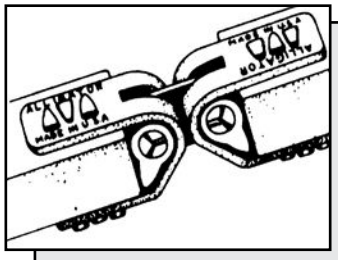
| DESCRIPTION | ORDERING NUMBER | ITEM CODE |
|---|---|---|
| (15-foot pin with 3-foot leader) | POLY035X15FT-W/3FT | 05200 |
| (15-foot pin with 3-foot leader) | POLY047X15FT-W/3FT | 05201 |



**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

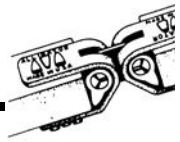


## How Alligator® V-Belt Fasteners Work

The Alligator® V-Belt Fastening System is designed to grip the ends of a v-belt without interfering with the sheaves (pulleys) that the belt passes around.

Staples or nails are driven through the fastener and belt and folded over. They are then hammered tight against the bottom plate of the fastener clinching the belt between the fastener plates. There is nothing that protrudes beyond the sides of the belt that would interfere with the sheaves.

| Applications | Installation Method | What You Need for Installation |
|---|---|---|
| • Power Transmission<br>• Agricultural Harvesting<br>• Manufacturing | These fasteners are inserted into a holder/tool along with the belt end. The staples/nails are driven through the splice and when complete, the entire assembly is removed from the holder. Insert the hinge and the belt is ready to be run. | • Fasteners<br>• Hinge Pin<br>• Staples/Nails<br>• Holder/Tool<br>• Rocker Pin Tools<br>• 1 lb. Hammer |
| **How to Specify the Correct Alligator® V-Belt Fastener** | **Fastener Metal Selection** | **Hinge Pin Selection** |
| The fastener size is determined by the belt size that you use. Simply choose the fastener that corresponds to your belt, A312, B437, or C531. | **Steel.** Standard fastener material. | Rocker Pins are included with the fasteners. |



# FASTENERS

| ORDERING NUMBER | ITEM CODE | SETS PER BOX | WT. LBS. |
|---|---|---|---|
| A312* | 70020 | 10 | .3 |
| B437 | 70023 | 10 | .5 |
| BB4 | 70028 | 10 | .4 |
| C531 | 70030 | 10 | 1.2 |
| D750 | 70034 | 10 | 2.1 |

*A312 Fasteners are installed with staples, all others installed with nails.

## V-BELT CONVENTIONAL

| LENGTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| Foot | Meter | | | |
| 20′ | 6 | AV20 | 70170 | 1.8 |
| 100′ | 30 | AV100 | 70171 | 9.0 |
| 250′ | 76 | AV250 | 70172 | 22.5 |
| 20′ | 6 | BV20 | 70174 | 2.6 |
| 100′ | 30 | BV100 | 70175 | 13.0 |
| 250′ | 76 | BV250 | 70176 | 32.5 |
| 100′ | 30 | CV100 | 70178 | 22.0 |
| 250′ | 76 | CV250 | 70179 | 55.0 |
| DOUBLE V – SOLD BY THE FOOT, 25″ INCREMENTS | | | | |
| 25′ Min. | | BB | 70015 | .2 |

## INSTALLATION TOOLS & PARTS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Piercing Tool | B43760 | 70045 | 1.4 |
| | C62560 | 70046 | 2.5 |
| | D75060 | 70047 | 3.5 |
| V-Belt Cutter | C62520 | 70050 | 2.0 |
| Cutter Blade Only | C62523 | 70051 | .02 |
| Tightener | B43750 | 70056 | .9 |
| | C53150 | 70057 | 2.1 |
| | D75050 | 70058 | 4.5 |
| Rocker Pin Tool | B43740 | 70060 | .1 |
| | C62540 | 70061 | .1 |
| Holder | A31255 | 70064 | .1 |
| | B43755 | 70065 | .2 |
| | BB455 | 70066 | .2 |
| | C53155 | 70067 | .3 |

## SPARE PARTS

| FOR FASTENER NUMBER | DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| A312 | Staples–Pkg. of 25 | A31274 | 70110 | .1 |
| | Nails – | | | |
| B437 | Steel–Pkg. of 100 | B43774 | 70111 | .2 |
| BB4 | Monel–Pkg. of 25 | B43774M | 70112 | .1 |
| C531 | Steel–Pkg. of 100 | C53174 | 70113 | .3 |
| D750 | Steel–Pkg. of 100 | D75074 | 70114 | .4 |

**Stock Items** (non-shaded) carried in factory inventory.

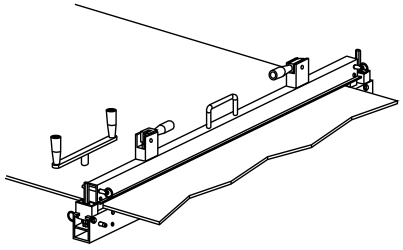
**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

# Light-Duty Belt Maintenance Tools

## CLIPPER® 845LD SERIES ALUMINUM BELT CUTTER

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Cutter Complete for belts up to 1/2" (12 mm) thick | 36" | 900 | 845836LD | 32275 | 29.0 |
| | 48" | 1200 | 845848LD | 32276 | 35.0 |
| | 60" | 1500 | 845860LD | 32277 | 40.0 |
| | 72" | 1800 | 845872LD | 32278 | 46.0 |
| Wrench Assembly (handle) | | | 820/840WA | 32272 | 2.0 |
| Cutter Blade Kit | | | 845-CBK | 32279 | 0.5 |
| Optional Squaring Device | | | 840SD | 32274 | 2.0 |
| 36" Chain Replacement Kit | | | 840-36CL | 03772 | 1.92 |
| 48" Chain Replacement Kit | | | 840-48CL | 03773 | 2.40 |
| 60" Chain Replacement Kit | | | 840-60CL | 03774 | 3.00 |
| 72" Chain Replacement Kit | | | 840-72CL | 03775 | 3.75 |

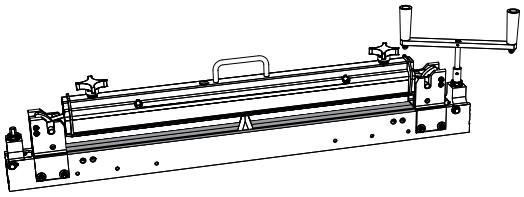


**845LD Belt Cutter**

## 900 SERIES* BELT CUTTER

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Cutter Complete for belts up to 1.5" (38 mm) | 24" | 600 | 900924 | 04200 | 39.4 |
| | 36" | 900 | 900936 | 04143 | 39.4 |
| | 48" | 1200 | 900948 | 04144 | 48.0 |
| | 60" | 1500 | 900960 | 04145 | 54.0 |
| | 72" | 1800 | 900972 | 04146 | 60.3 |
| | 84" | 2130 | 900984 | 04147 | 86.0 |
| Replacement Blade Kit | | | 900CBK | 04149 | 0.15 |

*Patent pending

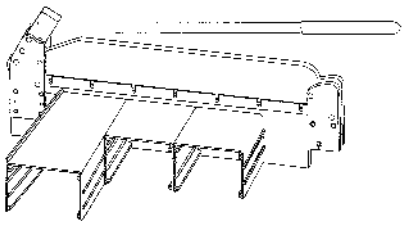


**900 Series* Belt Cutter**

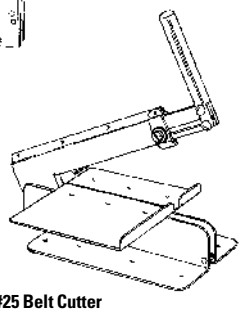
## 14" BELT CUTTER

(For Belts up to 3/8" thick)

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Cutter Complete | 14" | 350 | Cutter-14 | 03230 | 29.0 |
| 14" Replacement Blade | | | Blade-14 | 03450 | 0.6 |
| 14" Replacement Nylon Block | | | Block-14 | 03451 | 0.2 |
| 10" Replacement Blade | | | Blade-10 | 03009 | 0.5 |
| 10" Replacement Nylon Block | | | Block-10 | 03010 | 0.2 |
| 6" Replacement Blade | | | Blade-6 | 03006 | 0.5 |
| 6" Replacement Nylon Block | | | Block-6 | 03008 | 0.2 |



**14" Belt Cutter**

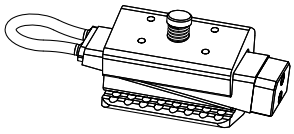


**#25 Belt Cutter**

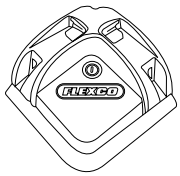
## #25 BELT CUTTER

(For Belts and Tapes up to 1/8" thick)

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| #25 Belt Cutter | 6" | 125 | Cutter-25-6 | 04101 | 4.0 |
| #25 Replacement Blades (5/Pkg.) | | | Blade-25 | 03012 | 0.1 |
| #25 Rotary Blade (6" Model) | | | Blade-25-6 | 04102 | 0.1 |



**Smart Clamp™ Light-Duty Belt Clamps**




**Laser Belt Square**

## SMART CLAMP™ LIGHT-DUTY BELT CLAMPS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Complete SmartClamp™ Set* | SMARTCLAMP | 04073 | 45.0 |

*Patent pending

## LASER BELT SQUARE

| DESCRIPTION | ITEM CODE |
|---|---|
| Laser Belt Square | 04305 |
| REPLACEMENT PARTS | |
| Target (each) | 04306 |
| Door Battery Box Assembly | 04307 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) have added lead time.

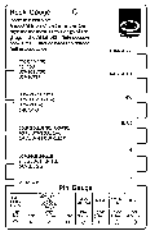
**Non-Listed Items** are available.
Request quote for price and delivery.

# Light-Duty Belt Maintenance Tools

## PLASTIC HOOK GAUGE

(For proper hook and pin size selection)

| DESCRIPTION/ ORDERING NO. | ITEM CODE | WT. LBS. |
|---|---|---|
| Clipper-HookGauge | 03129 | 0.1 |

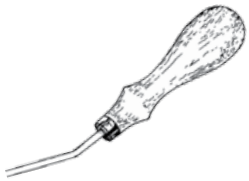


## CARDING PAPER REMOVER

| DESCRIPTION/ ORDERING NO. | ITEM CODE | WT. LBS. |
|---|---|---|
| Carding Paper Remover | 03128 | 0.1 |

## ROUGH-TOP BELT SKIVER

| DESCRIPTION/ ORDERING NO. | ITEM CODE | WT. LBS. |
|---|---|---|
| RTBS Rough Top Skiver | 03239 | 0.3 |



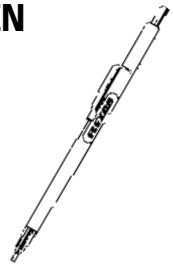
## UNIBAR® WIRE CUTTERS

| DESCRIPTION/ ORDERING NO. | ITEM CODE | WT. LBS. |
|---|---|---|
| Cutter-Unibar Wire | 03445 | 0.5 |

## SILVER INK BELT MARKING PEN

Sold Individually

| DESCRIPTION/ ORDERING NO. | ITEM CODE | WT. LBS. |
|---|---|---|
| M-4 | 01350 | 0.1 |



## LACING ACCESSORY KIT

(Includes Hook Gauge, Carding Paper Remover, Scissors and Rough-Top Belt Skiver)

| DESCRIPTION/ ORDERING NO. | ITEM CODE | WT. LBS. |
|---|---|---|
| Lacing Accessory Kit | 03132 | 1.0 |

## SCISSORS

| DESCRIPTION/ ORDERING NO. | ITEM CODE | WT. LBS. |
|---|---|---|
| Clipper Scissors | 03244 | 0.3 |

## TAPE BINDERS

| DESCRIPTION | PINT (0.47 LITER) | |
|---|---|---|
| | ORDERING NUMBER | ITEM CODE |
| Non-Flammable Binder<br>Quick Dry Binder | Binder-PT | 03670 |

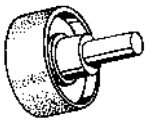
| QUART (0.95 LITER) | |
|---|---|
| ORDERING NUMBER | ITEM CODE |
| Binder-QT | 03671 |
| QDBinder-Quart | 03704 |

| GALLON (3.79 LITER) | |
|---|---|
| ORDERING NUMBER | ITEM CODE |
| Binder-GAL | 03672 |

Binder

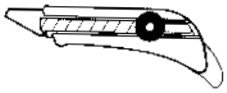
## ALLIGATOR® BELT GRINDER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| RB-1 | 30867 | .7 |



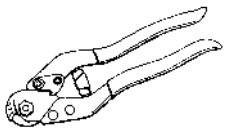
## CARD CUTTER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| GC-1 | 18100 | .3 |
| **EXTRA BLADES** (50/Package) | | |
| GCB-50 | 18101 | .8 |



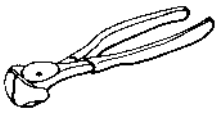
## ALLIGATOR® HINGE PIN CUTTER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| APC-1 | 50004 | .5 |



## BELT NIPPERS

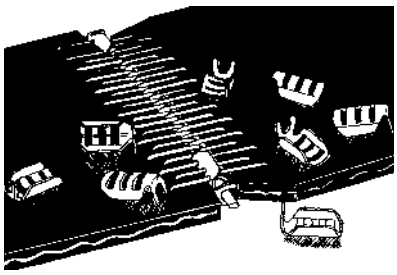
| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| BN-1 | 50003 | .8 |



## SMART LOCK™

(Kit includes 20 Smart Locks and 5' of .109" Duralink™ cable. Compatible Hook sizes 2-7)

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Smart-Lock-Kit | Smart Lock | 03442 | 0.2 |
| Individual Smart Locks | Smart Lock | 03441 | — |



**Smart Locks**

## Novitool® General Information

The Novitool® line of belt fabrication equipment is designed to enhance productivity in the workshop and on-site. Intended for use with light and medium weight thermoplastic conveyor belting, each splicing press, ply-separator, and punch employs market-driven innovations.

The quality build and contemporary design of Novitool® products are recognized worldwide. Experienced belt fabricators will appreciate the simplicity of operation and premium finished results, which are standards of all Novitool® products.

| Product | Features | Benefits |
|---|---|---|
| **Aero™ Press** | • Integrated Temperature Controls<br>• Integrated Compressor<br>• Integrated Air Cooling<br>• Integrated Variable Power Supply<br>• Flight Case Included | • 7-12 Minute Splicing Times<br>• All-in-One Simplicity<br>• No External Controller<br>• No External Water Tanks<br>• Lightweight and Portable |
| **Ply 130™ Ply Separator** | • One Adjustment for Splitting Position<br>• One Adjustment for Splitting Depth<br>• Easy to Read Position Rulers<br>• Shielded Rollers and Cutting Blade<br>• Robust Rigid Construction | • Easy to Determine Splitting Position<br>• Excellent Splitting Repeatability<br>• Split Films Down to .014" (35 mm)<br>• Ideal for Thin, Lightweight Urethanes<br>• Safe Operation with Shielded Components |
| **Pun M™ Manual Punch** | • No External Power Required<br>• Single Movement Belt Clamping<br>• 11,000 lb (50 kN) Punching Force<br>• Open Ended Rigid Construction<br>• Adjustable Stroke for Punching Depth | • Portable for On-site or Workshop Use<br>• Easy One Hand Belt Clamping<br>• Finger and Finger-Over-Finger Punching<br>• No Belt Width Limitations<br>• Simple, Single Lever Punching Action |

# AERO® SPLICING PRESS

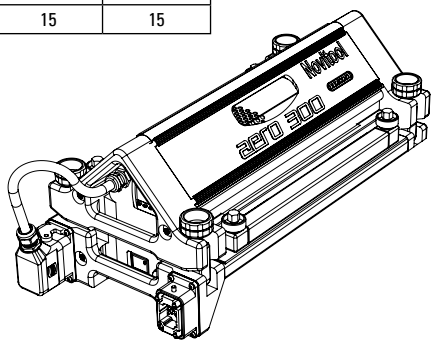
## (WITHOUT CORDS*)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. (including case) |
|---|---|---|---|---|
| in. | mm | | | |
| 12 | 300 | AERO-300 | 08000 | 98.0 |
| 24 | 600 | AERO-600 | 08001 | 132.0 |
| 36 | 900 | AERO-900 | 08002 | 167.0 |
| 48 | 1200 | AERO-1200 | 08003 | 201.0 |
| 60 | 1500 | AERO-1500 | 08004 | 235.0 |

*Cords sold separately

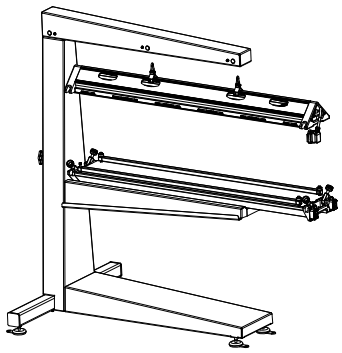
## AERO® AMPERAGE REQUIREMENTS

| | 230 volt; single phase | 230 volt; 3 phase | 460 volt; 3 phase |
|---|---|---|---|
| Aero-300 | 8 | 4 | 4 |
| Aero-600 | 13 | 6.5 | 6.5 |
| Aero-900 | 16 | 8 | 8 |
| Aero-1200 | 24 | 12 | 12 |
| Aero-1500 | 30 | 15 | 15 |




## AERO® PRESS POWER CORDS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | PLUG END DRAWING | COMPATIBLE WITH |
|---|---|---|---|---|
| **230 VOLT; SINGLE PHASE; 60 HZ** | | | | |
| Cord Only - US | AERO-CABLE-230V1PHU | 08006 | N/A | Aero 300-1500 |
| Cord with L6-30 plug | AERO-CABLE-230V1PH-L6-30 | 08037 | L6-30P | Aero 300-1500 |
| Cord with 6-30 plug | AERO-CABLE-230V1PH-6-30 | 08036 | 6-30P | Aero 300-1500 |
| **230 VOLT; THREE PHASE; 60 HZ** | | | | |
| Cord Only | AERO-CABLE-230V3PH | 08005 | N/A | Aero 300-1500 |
| Cord with L15-20 plug | AERO-CABLE-230V3PH-L15-20 | 08038 | L15-20P | Aero 300-1500 |
| Cord with L15-30 plug | AERO-CABLE-230V3PH-L15-30 | 08039 | L15-30P | Aero 300-1500 |
| **400 VOLT; THREE PHASE; 50 HZ** | | | | |
| Cord with IEC4/3-16 plug | AERO-2-CA-3X400-IEC4/3-16 | 08007 | N/A | Aero 300-1500 |
| **460 VOLT; THREE PHASE; 60 HZ** | | | | |
| Cord Only | AERO-CABLE-460V3PH | 08008 | N/A | Aero 300-1500 |
| Cord with L16-20 plug | AERO-CABLE-460V3PH-L16-20 | 08040 | L16-20P | Aero 300-1500 |
| Cord with L16-30 plug | AERO-CABLE-460V3PH-L16-30 | 08041 | L16-30P | Aero 300-1500 |



## AERO® PRESS STAND

(For sizes 36", 48", 60"/ 900, 1200, 1500 mm)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| AERO-STAND-CW-UMCABLE | 08114 | 311.0 |

## AERO® SPLICE TAPE

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| AERO-SPLICE-TAPE-66X101 | 08468 | 1.8 |

## SILICONE PRESS PADS AND CLOTHS

| THICKNESS | | MATERIAL | LENGTH | | COMPATIBLE WITH | ORDERING NUMBER | ITEM CODE | PRICE | THICKNESS | | MATERIAL | LENGTH | | COMPATIBLE WITH | ORDERING NUMBER | ITEM CODE | PRICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| in. | mm | | in. | mm | | | | | in. | mm | | in. | mm | | | | |
| .020 | 0.5 | Silicone Cloth | 12 | 300 | Aero-300 | AERO-S10.5-300 | 08103 | **$70.12** | .12 | 3.0 | Silicone Pad | 12 | 300 | Aero-300 | AERO-S13-300 | 08109 | **$35.36** |
| .020 | 0.5 | Silicone Cloth | 24 | 600 | Aero-600 | AERO-S10.5-600 | 08104 | **140.22** | .12 | 3.0 | Silicone Pad | 24 | 600 | Aero-600 | AERO-S13-600 | 08110 | **61.89** |
| .020 | 0.5 | Silicone Cloth | 36 | 900 | Aero-900 | AERO-S10.5-900 | 08105 | **210.34** | .12 | 3.0 | Silicone Pad | 36 | 900 | Aero-900 | AERO-S13-900 | 08111 | **88.21** |
| .020 | 0.5 | Silicone Cloth | 48 | 1200 | Aero-1200 | AERO-S10.5-1200 | 08106 | **280.43** | .12 | 3.0 | Silicone Pad | 48 | 1200 | Aero-1200 | AERO-S13-1200 | 08112 | **114.73** |
| .020 | 0.5 | Silicone Cloth | 60 | 1500 | Aero-1500 | AERO-S10.5-1500 | 08107 | **350.56** | .12 | 3.0 | Silicone Pad | 60 | 1500 | Aero-1500 | AERO-S13-1500 | 08113 | **141.26** |
| .020 | 0.5 | Silicone Cloth | | 10M | | AERO-S10.5-10M | 08108 | **1070.13** | | | | | | | | | |

**Note:** The highlighted items above are sold in sets of two.

# PLY 130™ PLY SEPARATOR

| ORDERING NUMBER | ITEM CODE | NEMA PLUG |
|---|---|---|
| **PLY SEPARATOR MODEL** | | |
| PLY130-WB-460V3PH60HZ | 08013 | no plug |
| PLY130-WB-230V3PH60HZ | 08046 | no plug |
| PLY130-WB-460V3PH60HZ-L16-20 | 08053 | L16-20 |
| PLY130-WB-460V3PH60HZ-L16-30 | 08054 | L16-30 |
| PLY130-WB-230V3PH60HZ-L15-20 | 08055 | L15-20 |
| PLY130-WB-230V3PH60HZ-L15-30 | 08056 | L15-30 |
| PLY130-WB-400V50HZ | 08102 | no plug |
| PLY130-WB-230V3PH60HZ-IEC60309 | 08151 | IEC60309 |
| PLY130-WB-460V3PH60HZ-IEC60309 | 08152 | IEC60309 |
| PLY130-WB-230V3PH50HZ | 08246 | no plug |
| PLY130-WB-200V3PH60HZ | 08457 | no plug |
| PLY130-WB-200V3PH60HZ-N18-20 | 08462 | N18-20 |
| PLY130-WB-200V3PH50HZ | 08527 | no plug |
| PLY130-WB-200V3PH50HZ-N18-20 | 08528 | N18-20 |
| **PLY 130™ CART** | | |
| PLY130-CART (only) | 08100 | N/A |
| **REPLACEMENT PARTS** | | |
| PLY130-BLADE | 08490 | N/A |
| PLY-JG Jig Only | 08015 | N/A |

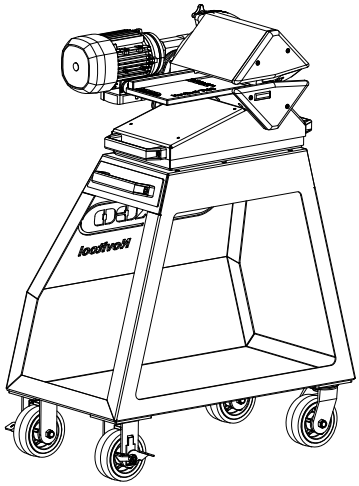
# PUN M™ MANUAL PUNCH

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **PUN M*** | |
| PUN-M-300 | 08016 |
| PUN-M-600 | 08017 |
| PUN-M-900 | 08018 |
| **PUN M 300 PUNCHBOARDS** | |
| PUN-B-50×20-300 | 08019 |
| PUN-B-70×15-300 | 08022 |
| PUN-B-80×20-300 | 08025 |
| PUN-B-50X18X31BIAS-300 | 08539 |
| **PUN M 600 PUNCHBOARDS** | |
| PUN-B-50×20-600 | 08020 |
| PUN-B-70×15-600 | 08023 |
| PUN-B-80×20-600 | 08026 |
| PUN-B-50×18×31BIAS-600 | 08540 |
| PUN-B-80×20×113BIAS-600 | 08439 |
| **PUN M 900 PUNCHBOARDS** | |
| PUN-B-50×20-900 | 08021 |
| PUN-B-70×15-900 | 08024 |
| PUN-B-80×20-900 | 08027 |
| PUN-B-50×18×31BIAS-900 | 08526 |
| PUN-B-80×20×113BIAS-900 | 08440 |
| **REPLACEMENT PARTS** | |
| PUN-M-NYLONPAD-KIT | 08279 |

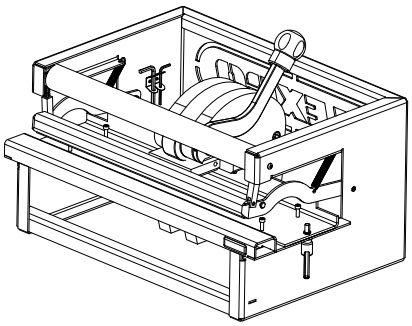
*Punchboards not included with Pun M; purchase separately.
**Note:** Custom punchboards are available for other finger dimensions. Contact Customer Service for information.

# PLY 130™ STEP CUTTER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **PLY STEP CUTTER MODEL** | | |
| PLY130-STEPCUT-RETROFIT | 08499 | 4.1 |
| PLY130-STEPCUT | 08501 | 2.7 |
| **OPTIONAL ITEMS** | | |
| PLY130-STEPCUT-BLADES (5) | 08497 | 0.15 |
| PLY130-STEPCUT-GUIDE-EXT | 08498 | 1.6 |
| PLY130-STEPCUT-TWRENCH | 08500 | 0.2 |

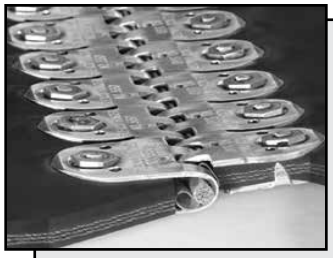


**Ply 130™ Cart**



**Pun M™ Manual Punch**

**Stock Items** (non-shaded) carried in factory inventory.
**Made To Order Items** (shaded) have added lead time.
**Non-Listed Items** are available.
Request quote for price and delivery.



# How Flexco® Bolt Hinged Fasteners Work

Flexco® Bolt Hinged fasteners provide a flexible joint for belts operating over small pulleys. Because the joint is easily separated by simply removing the hinge pin, entire belt sections may be added or eliminated.

Designed as a compression fastener, the Flexco® Bolt Hinged model is fastened to the belt ends with high strength bolts. The bolts compress the plates into the belt cover.

Additional holding capability is provided by the fastener teeth that imbed in the belt without damage to the belt carcass.

This combination distributes the splice tension across the entire plate width while the teeth secure the fastener into the belt carcass to resist pull-out.

## Applications

- Construction Equipment
- Road Machinery
- Coal, Salt, Potash Mines
- Stacking and Stockpiling Belts
- Other Applications Involving Smaller Pulleys

## Installation Method

Fasteners can be installed in the shop or on-site with either simple hand tools or power tools.

## What You Need for Installation

- Fastener Plates
- Bolts & Nuts
- Templet
- Belt Punch
- Wrench
- Bolt Horn
- Flexco Installation Tool
- Impact Tool or Carpenter's Brace

## How to Specify the Correct Flexco® Bolt Hinged Fastener

1. Determine Belt Tension (PIW).
2. Measure your Belt Thickness.
3. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
4. Choose the fastener size that is appropriate for your specifications in the selection chart below.

## Fastener Metal Selection

**Steel.** For most applications, plated steel is recommended.

**Stainless Steel.** Type 316 Stainless Steel provides extra resistance to abrasion, magnetic attraction, and corrosion from acids and chemicals.

**MegAlloy®.** For superior resistance to wear and abrasion.

**Everdur®.** Spark-free material compared to steel and fully non-magnetic.

## Hinge Pin Selection

**NC Nylon Covered Steel Cable** - for use with steel fasteners, flat or troughed belts.

**NCS Nylon Covered Stainless Steel Cable** - for applications with stainless fasteners, flat or troughed belts.

**NAC Nylon Covered Armored Cable** - right for many applications, long service life.

**AC Bare Armored Cable** - for extendable conveyors.

**ACS Bare Armored Stainless Cable** - for applications with stainless fasteners, flat or troughed belts.

**SC Bare Steel Cable** - for conveying gritty or abrasive material.

**SSC Bare Stainless Steel Cable** - for corrosion resistance, flat belts.

**NB Nylon Covered Bronze Cable** - for non-magnetic joints.

## Flexco® Bolt Hinged Fastener Selection Chart

| Fastener Size | For Belts With Mechanical Fastener Ratings Up To: | | Belt Thickness Range | | Recommended Min. Pulley Diameter | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Operating Tension 100% of Belt Rating | | Operating Tension Under 75% of Belt Rating | |
| | P.I.W. | kN/m | in. | mm | in. | mm | in. | mm |
| 375X | 190 | 33 | 1/4-13/32 | 6-11 | 6 | 152 | 4 | 102 |
| 550 | 300 | 52 | 1/4-5/8 | 6-16 | 9 | 230 | 7 | 178 |

# Flexco® Bolt Hinged Fasteners

## FASTENERS

**NOTE:**
*In most cases, fastener strip length is not equal to belt width. Order by belt width.*

### STEEL ("J" CARTON – Continuous Strip w/Steel Nuts & Bolts)

| | BELT WIDTH | | NC STEEL JOINT WITH NYLON COVERED STEEL CABLE | | | NCS STEEL JOINT WITH NYLON COVERED STAINLESS CABLE | | | SC STEEL JOINT WITH BARE STEEL CABLE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | mm | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
| 375X | 12″ | 300 | 375XJ12NC | 40000 | 2.3 | | | | | | |
| | 14″ | 350 | 375XJ14NC | 40001 | 2.6 | | | | | | |
| | 16″ | 400 | 375XJ16NC | 40002 | 2.9 | | | | | | |
| | 18″ | 450 | 375XJ18NC | 40003 | 3.3 | 375XJ18NCS | 40012 | 3.3 | | | |
| | 20″ | 500 | 375XJ20NC | 40004 | 3.8 | | | | | | |
| | 24″ | 600 | 375XJ24NC | 40005 | 4.0 | 375XJ24NCS | 40013 | 4.0 | 375XJ24SC | 40020 | 4.0 |
| | 26″ | 650 | 375XJ26NC | 40006 | 4.5 | | | | | | |
| | 30″ | 750 | 375XJ30NC | 40007 | 5.1 | 375XJ30NCS | 40014 | 5.1 | | | |
| | 36″ | 900 | 375XJ36NC | 40008 | 6.3 | 375XJ36NCS | 40015 | 6.3 | 375XJ36SC | 40023 | 6.3 |
| | 42″ | 1050 | 375XJ42NC | 40009 | 7.3 | 375XJ42NCS | 40016 | 7.3 | | | |
| | 48″ | 1200 | 375XJ48NC | 40010 | 8.3 | 375XJ48NCS | 40017 | 8.3 | 375XJ48SC | 40025 | 7.7 |
| | 60″ | 1500 | 375XJ60NC | 39997 | 10.2 | | | | | | |

### STAINLESS 300 SERIES

("J" CARTON – Continuous Strip w/Stainless Nuts & Bolts)

| | BELT WIDTH | | SSC STAINLESS JOINT WITH BARE STAINLESS CABLE | | | NCS STAINLESS JOINT WITH NYLON COVERED STAINLESS CABLE | | |
|---|---|---|---|---|---|---|---|---|
| | in. | mm | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS |
| 375X | 18″ | 450 | | | | 375XSJ18NCS | 40035 | 3.3 |
| | 24″ | 600 | 375XSJ24SSC | 40225 | 4.0 | 375XSJ24NCS | 40036 | 4.0 |
| | 30″ | 750 | 375XSJ30SSC | 40226 | 5.1 | 375XSJ30NCS | 40037 | 5.1 |
| | 36″ | 900 | 375XSJ36SSC | 40227 | 6.3 | 375XSJ36NCS | 40038 | 6.3 |
| | 42″ | 1050 | 375XSJ42SSC | 40228 | 7.3 | 375XSJ42NCS | 40039 | 7.3 |
| | 48″ | 1200 | 375XSJ48SSC | 40229 | 8.3 | 375XSJ48NCS | 40040 | 8.3 |
| | 60″ | 1500 | 375XSJ60SSC | 39907 | 10.2 | | | |

### EVERDUR

("J" CARTON – Continuous Strip w/Everdur Nuts & Bolts)

| | BELT WIDTH | | NB EVERDUR JOINT WITH NYLON COVERED BRONZE CABLE | | |
|---|---|---|---|---|---|
| | in. | mm | ORDERING NUMBER | ITEM CODE | WT. LBS. |
| 375X | 18″ | 450 | 375XEJ18NB | 39978 | 3.5 |
| | 24″ | 600 | 375XEJ24NB | 39980 | 4.3 |
| | 30″ | 750 | 375XEJ30NB | 39982 | 5.4 |
| | 36″ | 900 | 375XEJ36NB | 39984 | 6.6 |
| | 42″ | 1050 | 375XEJ42NB | 39986 | 7.7 |

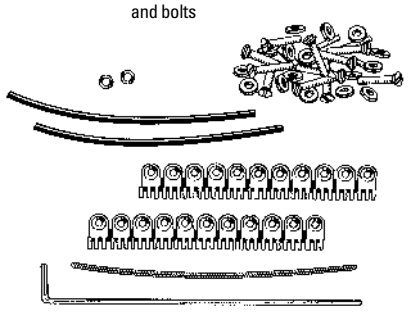
### GAUGE PINS (EXTRA)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|
| in. | mm | EACH | | | 10 PER PACKAGE | | |
| 18 | 450 | | | | FHGP18 | 39603 | 3.0 |
| 24 | 600 | FHGP24-1 | 39624 | 0.4 | FHGP24 | 39605 | 3.9 |
| 30 | 750 | FHGP30-1 | 39626 | 0.5 | FHGP30 | 39607 | 4.8 |
| 36 | 900 | FHGP36-1 | 39625 | 0.6 | FHGP36 | 39610 | 5.8 |
| 42 | 1050 | FHGP42-1 | 39627 | 0.7 | FHGP42 | 39613 | 6.7 |
| 48 | 1200 | FHGP48-1 | 39628 | 0.8 | FHGP48 | 39615 | 7.7 |
| 60 | 1500 | FHGP60-1 | 39629 | 1.0 | FHGP60 | 39617 | 9.6 |

### "J" CARTON

**CARTON CONTENTS:**

2 Strips of fastener
2 Pieces Filler Tubing
1 Hinge Pin
1 Gauge Pin
2 Hinge Pin Washers
—Required amount of nuts and bolts
—Required amount of clips for Individual Plate "J" Cartons



**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

## FASTENERS

**NOTE:**
*In most cases, fastener strip length is not equal to belt width. Order by belt width.*

### STEEL ("J" CARTON – Continuous Strip w/Steel Nuts & Bolts)

| | BELT WIDTH | | NC STEEL JOINT WITH NYLON COVERED STEEL CABLE | | NCS STEEL JOINT WITH NYLON COVERED STAINLESS CABLE | | SC STEEL JOINT WITH BARE STEEL CABLE | | SSC STEEL JOINT WITH BARE STAINLESS CABLE | | NAC STEEL JOINT WITH NYLON COVERED ARMORED CABLE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | mm | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
| | CARTON — One Complete Joint | | | | | | | | | | | | |
| 550 | 18″ | 450 | 550J18NC | 40138 | | | | | | | | | 3.3 |
| | 20″ | 500 | 550J20NC | 40046 | | | | | | | | | 3.7 |
| | 24″ | 600 | 550J24NC | 40047 | 550J24NCS | 40059 | 550J24SC | 40066 | 550J24SSC | 40073 | 550J24NAC | 40242 | 4.3 |
| | 26″ | 650 | 550J26NC | 40048 | | | | | | | | | 4.9 |
| | 30″ | 750 | 550J30NC | 40049 | 550J30NCS | 40060 | 550J30SC | 40068 | 550J30SSC | 40074 | 550J30NAC | 40243 | 5.5 |
| | 36″ | 900 | 550J36NC | 40050 | 550J36NCS | 40061 | 550J36SC | 40069 | 550J36SSC | 40075 | 550J36NAC | 40244 | 6.5 |
| | 42″ | 1050 | 550J42NC | 40051 | 550J42NCS | 40062 | 550J42SC | 40070 | 550J42SSC | 40076 | 550J42NAC | 40245 | 7.8 |
| | 48″ | 1200 | 550J48NC | 40052 | 550J48NCS | 40063 | 550J48SC | 40071 | 550J48SSC | 40077 | 550J48NAC | 40246 | 8.8 |
| | 54″ | 1350 | 550J54NC | 40053 | | | | | | | 550J54NAC | 40247 | 9.9 |
| | 60″ | 1500 | 550J60NC | 40054 | | | | | | | | | 10.5 |

### STAINLESS 300 SERIES

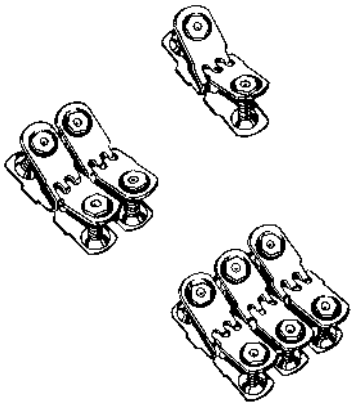
("J" CARTON – Continuous Strip w/Stainless Nuts & Bolts)

| | BELT WIDTH | | NCS STAINLESS JOINT WITH NYLON COVERED STAINLESS CABLE | | SSC STAINLESS JOINT WITH BARE STAINLESS CABLE | | |
|---|---|---|---|---|---|---|---|
| | in. | mm | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
| | CARTON — One Compete Joint | | | | | | |
| 550 | 18″ | 450 | 550SJ18NCS | 40164 | 550SJ18SSC | 39675 | 3.3 |
| | 24″ | 600 | 550SJ24NCS | 40165 | 550SJ24SSC | 39904 | 4.3 |
| | 30″ | 750 | 550SJ30NCS | 40166 | 550SJ30SSC | 39917 | 5.5 |
| | 36″ | 900 | 550SJ36NCS | 40167 | 550SJ36SSC | 39935 | 6.5 |
| | 42″ | 1050 | 550SJ42NCS | 40168 | 550SJ42SSC | 39938 | 7.8 |
| | 48″ | 1200 | 550SJ48NCS | 40169 | 550SJ48SSC | 39842 | 8.8 |
| | 60″ | 1500 | 550SJ60NCS | 39939 | 550SJ60SSC | 39855 | 11.4 |

### MEGALLOY®

("J" CARTON – Individual Plates w/Steel Nuts & Bolts)

| | BELT WIDTH | | MA MEGALLOY JOINT WITH BARE STAINLESS CABLE | | |
|---|---|---|---|---|---|
| | in. | mm | ORDERING NUMBER | ITEM CODE | WT. LBS. |
| | CARTON — One Compete Joint | | | | |
| 550 | 18″ | 450 | 550MAJ18SSC | 39574 | 3.3 |
| | 24″ | 600 | 550MAJ24SSC | 39577 | 4.3 |
| | 30″ | 750 | 550MAJ30SSC | 39580 | 5.5 |
| | 36″ | 900 | 550MAJ36SSC | 39583 | 6.5 |
| | 42″ | 1050 | 550MAJ42SSC | 39586 | 7.8 |
| | 48″ | 1200 | 550MAJ48SSC | 39589 | 8.8 |



### BULK FASTENER SETS

**Required for Various Belt Widths**

| BELT WIDTH | | 375X (RECOMMENDED) | | 550 (RECOMMENDED) | |
|---|---|---|---|---|---|
| in. | mm | SETS OF 3-PLATE | SETS OF 2-PLATE | SETS OF 3-PLATE | SETS OF 1-PLATE |
| 12″ | 300 | 3 | 1 | | 7 |
| 14″ | 350 | 3 | 2 | | 9 |
| 16″ | 400 | 5 | | | 10 |
| 18″ | 450 | 5 | 1 | | 11 |
| 20″ | 500 | 5 | 2 | 2 | 7 |
| 24″ | 600 | 7 | | 2 | 8 |
| 28″ | | 7 | 2 | 2 | 10 |
| | 700 | 7 | 2 | 2 | 11 |
| 30″ | 750 | 9 | | 2 | 12 |
| 36″ | 900 | 11 | | 2 | 16 |
| | 1000 | 12 | | 2 | 18 |
| 42″ | 1050 | 13 | | 2 | 20 |
| | 1200 | 15 | | 2 | 24 |
| 48″ | | 15 | | 2 | 24 |
| | 1350 | 17 | | 2 | 28 |
| 54″ | | 17 | | 2 | 28 |
| | 1500 | 18 | 1 | 2 | 32 |
| 60″ | | 19 | | 2 | 32 |
| | 1800 | 22 | 1 | 2 | 39 |
| 72″ | | 23 | | 2 | 40 |
| | 2100 | 25 | 2 | 2 | 48 |
| 84″ | | 27 | | 2 | 48 |
| | 2400 | 30 | 1 | 2 | 55 |
| 96″ | | 31 | | 2 | 56 |
| | 3000 | 37 | 2 | 2 | 71 |
| 120″ | | 39 | | 2 | 72 |

### BULK FASTENERS

Per set (with bolts & nuts) / Per container (with bolts and nuts)

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS | ORDERING NUMBER | ITEM CODE | SETS/ CTN | WT. LBS |
|---|---|---|---|---|---|---|---|
| **STEEL** | | | | | | | |
| Two-Plate Fastener | 375X-2STS | 39950 | .3 | 375X-2 | 40100 | 25 | 8.0 |
| Three-Plate Fastener | 375X-3STS | 39951 | .5 | 375X-3 | 40101 | 18 | 8.5 |
| Single-Plate Fastener | 550-1STS | 39952 | .3 | 550-1 | 40102 | 50 | 12.0 |
| Three-Plate Fastener | 550-3STS | 39953 | .8 | 550-3 | 40103 | 18 | 13.0 |
| **MEGALLOY** | | | | | | | |
| Single-Plate Fastener | | | | 550MA-1 | 40058 | 50 | 13.0 |

Per set (with bolts & nuts) / Per container (with bolts and nuts)

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS | ORDERING NUMBER | ITEM CODE | SETS/ CTN | WT. LBS |
|---|---|---|---|---|---|---|---|
| **STAINLESS 300 SERIES** | | | | | | | |
| Two-Plate Fastener | 375XS-2STS | 39957 | .3 | 375XS-2 | 40108 | 25 | 6.3 |
| Three-Plate Fastener | 375XS-3STS | 39958 | .5 | 375XS-3 | 40109 | 18 | 8.1 |
| Single-Plate Fastener | 550S-1STS | 39959 | .3 | 550S-1 | 40110 | 50 | 12.1 |
| **EXTRA CLIPS** | | | | | | | |
| #550 Clips (100/Pkg.) | CLIPS (550) | 40134 | 2.8 | | | | |

**NOTE:** Non-listed cartons over 60″ (1500 mm) are supplied in single plate sets.

# Flexco® Bolt Hinged Fasteners

## HINGE PINS

### PACKAGES OF 10 PINS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | **NC** NYLON COVERED STEEL CABLE (1/4"dia.) | | |
| 12" | 300 | NC-12 | 40150 | .8 |
| 14" | 350 | NC-14 | 40151 | 1.0 |
| 16" | 400 | NC-16 | 40152 | 1.2 |
| 18" | 450 | NC-18 | 40153 | 1.4 |
| 20" | 500 | NC-20 | 40154 | 1.5 |
| 24" | 600 | NC-24 | 40155 | 1.7 |
| 26" | 650 | NC-26 | 40156 | 1.8 |
| 30" | 750 | NC-30 | 40157 | 2.2 |
| 36" | 900 | NC-36 | 40158 | 2.6 |
| 42" | 1050 | NC-42 | 40159 | 3.1 |
| 48" | 1200 | NC-48 | 40160 | 3.5 |
| 54" | 1350 | NC-54 | 40161 | 3.9 |
| 60" | 1500 | NC-60 | 40162 | 4.3 |
| 72" | 1800 | NC-72 | 40163 | 5.0 |
| **100 FOOT COILS** | | | | |
| BULK | | NC-C | 39740 | 8.6 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **NCS** NYLON COVERED STAINLESS CABLE* (1/4" dia.) | | |
| NCS-12 | 40170 | .8 |
| NCS-14 | 40171 | 1.0 |
| NCS-16 | 40172 | 1.2 |
| NCS-18 | 40173 | 1.4 |
| NCS-20 | 40174 | 1.5 |
| NCS-24 | 40175 | 1.7 |
| | | |
| NCS-30 | 40177 | 2.2 |
| NCS-36 | 40178 | 2.6 |
| NCS-42 | 40179 | 3.1 |
| NCS-48 | 40180 | 3.5 |
| NCS-54 | 40181 | 3.9 |
| NCS-60 | 40182 | 4.3 |
| NCS-72 | 40183 | 5.0 |

### EACH (ONE PIN)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **NC** NYLON COVERED STEEL CABLE (1/4" dia.) | | |
| NC-12-1 | 38000 | .1 |
| NC-14-1 | 38001 | .1 |
| NC-16-1 | 38002 | .1 |
| NC-18-1 | 38003 | .1 |
| NC-20-1 | 38004 | .2 |
| NC-24-1 | 38005 | .2 |
| | | |
| NC-30-1 | 38007 | .2 |
| NC-36-1 | 38008 | .2 |
| NC-42-1 | 38009 | .2 |
| NC-48-1 | 38010 | .3 |
| NC-54-1 | 38011 | .3 |
| NC-60-1 | 38012 | .4 |
| NC-72-1 | 38013 | .4 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **NCS** NYLON COVERED STAINLESS CABLE* (1/4" dia.) | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| NCS-24-1 | 38041 | .2 |
| | | |
| NCS-30-1 | 38043 | .2 |
| NCS-36-1 | 38044 | .2 |
| NCS-42-1 | 38045 | .3 |
| NCS-48-1 | 38046 | .3 |
| NCS-54-1 | 38047 | .3 |
| NCS-60-1 | 38048 | .4 |
| NCS-72-1 | 38049 | .5 |

**For 375X or 550**

| in. | mm | **NAC** NYLON COVERED ARMORED CABLE (1/4" dia.) | | |
|---|---|---|---|---|
| 18" | 450 | NAC-18 | 40629 | 1.8 |
| 24" | 600 | NAC-24 | 40631 | 2.4 |
| 26" | 650 | NAC-26 | 40632 | 2.6 |
| 30" | 750 | NAC-30 | 40633 | 3.0 |
| 36" | 900 | NAC-36 | 40634 | 3.6 |
| 42" | 1050 | NAC-42 | 40636 | 4.2 |
| 48" | 1200 | NAC-48 | 40637 | 4.8 |
| 54" | 1350 | NAC-54 | 40638 | 5.4 |
| 60" | 1500 | NAC-60 | 40639 | 6.0 |
| 72" | 1800 | NAC-72 | 40640 | 7.2 |
| in. | mm | **SC** BARE STEEL CABLE (1/4" dia.) | | |
| 24" | 600 | SC-24 | 40202 | 2.5 |
| 26" | 650 | SC-26 | 40203 | 2.6 |
| 30" | 750 | SC-30 | 40204 | 3.1 |
| 36" | 900 | SC-36 | 40205 | 3.7 |
| 42" | 1050 | SC-42 | 40206 | 4.3 |
| 48" | 1200 | SC-48 | 40207 | 4.9 |
| in. | mm | **ACS** BARE ARMORED STAINLESS CABLE* (17/64"dia.) | | |
| 18" | 450 | | | |
| 24" | 600 | | | |
| 30" | 750 | ACS-30 | 41354 | 2.8 |
| 36" | 900 | ACS-36 | 41355 | 3.0 |
| 42" | 1050 | ACS-42 | 41356 | 3.2 |
| 48" | 1200 | ACS-48 | 41357 | 3.5 |
| 54" | 1350 | ACS-54 | 41358 | 3.7 |
| 60" | 1500 | ACS-60 | 41359 | 4.0 |

| **AC** BARE ARMORED CABLE (1/4" dia.) | | |
|---|---|---|
| AC-18 | 40685 | 1.7 |
| AC-24 | 40686 | 2.3 |
| AC-26 | 40687 | 2.4 |
| AC-30 | 40688 | 2.8 |
| AC-36 | 40689 | 3.4 |
| AC-42 | 40691 | 3.8 |
| AC-48 | 40692 | 4.8 |
| **SSC** BARE STAINLESS CABLE* (7/32" dia.) | | |
| SSC-24 | 40210 | 2.2 |
| SSC-30 | 40211 | 2.5 |
| SSC-36 | 40212 | 3.0 |
| SSC-42 | 40213 | 3.5 |
| SSC-48 | 40214 | 4.0 |

*** 300 SERIES**

| **NAC** NYLON COVERED ARMORED CABLE (1/4"dia.) | | |
|---|---|---|
| NAC-18-1 | 38108 | .2 |
| NAC-24-1 | 38109 | .2 |
| NAC-26-1 | 38110 | .2 |
| NAC-30-1 | 38111 | .3 |
| NAC-36-1 | 38112 | .3 |
| NAC-42-1 | 38113 | .4 |
| NAC-48-1 | 38114 | .4 |
| NAC-54-1 | 38115 | .5 |
| NAC-60-1 | 38116 | .5 |
| NAC-72-1 | 38117 | .6 |
| **SC** BARE STEEL CABLE (1/4" dia.) | | |
| SC-24-1 | 38180 | .2 |
| SC-30-1 | 38182 | .3 |
| SC-36-1 | 38183 | .3 |
| SC-42-1 | 38184 | .4 |
| SC-48-1 | 38185 | .4 |
| **ACS** BARE ARMORED STAINLESS CABLE* (17/64" dia.) | | |
| | | |
| ACS-30-1 | 41380 | .2 |
| ACS-36-1 | 41381 | .2 |
| ACS-42-1 | 41382 | .2 |
| ACS-48-1 | 41383 | .3 |
| ACS-54-1 | 41384 | .3 |
| ACS-60-1 | 41385 | .4 |

| **AC** BARE ARMORED CABLE (1/4" dia.) | | |
|---|---|---|
| AC-18-1 | 38129 | .2 |
| AC-24-1 | 38130 | .2 |
| AC-26-1 | 38131 | .2 |
| AC-30-1 | 38132 | .3 |
| AC-36-1 | 38133 | .3 |
| AC-42-1 | 38134 | .4 |
| AC-48-1 | 38135 | .4 |
| AC-54-1 | 38136 | .5 |
| AC-60-1 | 38137 | .5 |
| AC-72-1 | 38138 | .6 |
| **SSC** BARE STAINLESS CABLE* (7/32" dia.) | | |
| SSC-24-1 | 38199 | .2 |
| SSC-30-1 | 38201 | .3 |
| SSC-36-1 | 38202 | .3 |
| SSC-42-1 | 38203 | .4 |
| SSC-48-1 | 38204 | .4 |
| **NB** NYLON COVERED BRONZE CABLE (1/4" dia.) | | |
| NB-18-1 | 38075 | .2 |
| NB-24-1 | 38077 | .2 |
| NB-30-1 | 38079 | .3 |
| NB-36-1 | 38080 | .3 |
| NB-42-1 | 38081 | .4 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

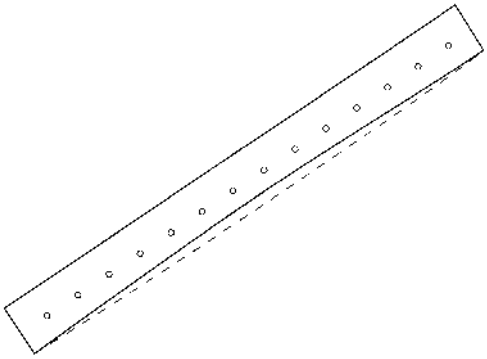
**Non-Listed Items** are available. Request quote for price and delivery.

# INSTALLATION TOOLS

## CURVED TEMPLETS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE |
|---|---|---|---|---|---|
| in. | mm | 375X | | 550 | |
| 12″ | 300 | 375X-12 | 30813 | 512 | 30799 |
| 14″ | 350 | 375X-14 | 30814 | | |
| 16″ | 400 | 375X-16 | 30815 | 516 | 30800 |
| 18″ | 450 | 375X-18 | 30816 | 518 | 30801 |
| 20″ | 500 | 375X-20 | 30817 | 520 | 30802 |
| 24″ | 600 | 375X-24 | 30818 | 524 | 30803 |
| 26″ | 650 | 375X-26 | 30819 | 526 | 30804 |
| 30″ | 750 | 375X-30 | 30820 | 530 | 30805 |
| 36″ | 900 | 375X-36 | 30821 | 536 | 30806 |
| 42″ | 1050 | 375X-42 | 30822 | 542 | 30807 |
| 48″ | 1200 | 375X-48 | 30823 | 548 | 30808 |
| 54″ | 1350 | 375X-54 | 30824 | 554 | 30809 |
| 60″ | 1500 | 375X-60 | 30825 | 560 | 30810 |
| 72″ | 1800 | 375X-72 | 30826 | 572 | 30811 |

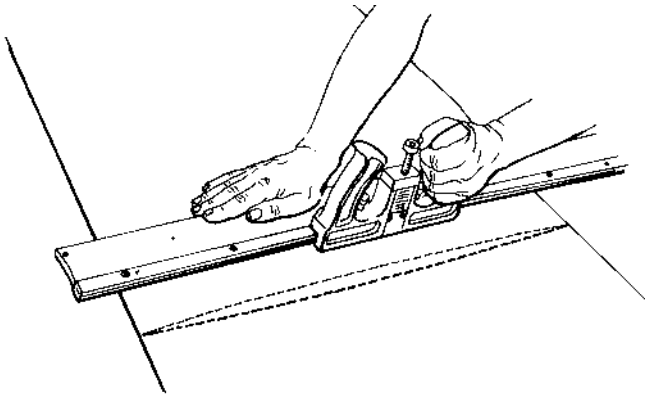
**NOTE:** All templets up to and including 72″ are curved. For belt widths over 72″, straight templet supplied.



## CURVED BELT CUTTERS

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Cutter Complete | 30″ | 750 | 400430 | 30914 | 14.2 |
| | 36″ | 900 | 400436 | 30915 | 16.1 |
| | 42″ | 1050 | 400442 | 30916 | 18.9 |
| | 48″ | 1200 | 400448 | 30917 | 19.0 |
| | 60″ | 1500 | 400460 | 30918 | 23.0 |
| Cutter Base Only | 30″ | 750 | 430 | 30950 | 5.4 |
| | 36″ | 900 | 436 | 30951 | 6.2 |
| | 42″ | 1050 | 442 | 30952 | 7.1 |
| | 48″ | 1200 | 448 | 30953 | 7.9 |
| | 60″ | 1500 | 460 | 30954 | 9.6 |
| Cutter Head Only | | | 400 | 30919 | 5.1 |
| Cutter Blade | | | 30023 | 30909 | .2 |
| Cutter Blade (Long) | | | 30023L | 30913 | .2 |

**NOTE:** Belt widths over 72″ require straight cutters.
Please refer to Page 84 for 300 series straight cutters.



## EXTRA BOLTS & NUTS

**100 PER BOX – BOLT DIMENSION IS 1/4″ X 1-11/16″**

| FOR FASTENER NUMBER | ORDERING NUMBER / ITEM CODE | WT. LBS. |
|---|---|---|
| **BOLTS–STEEL** | | |
| 375X | 20398 | 2.1 |
| 550 | 20399 | 2.4 |
| **BOLTS–STAINLESS** | | |
| 375X/550 | 20400 | 2.3 |
| **BOLTS–EVERDUR** | | |
| 375X/550 | 20397 | 2.4 |

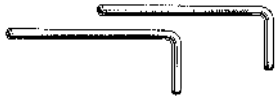
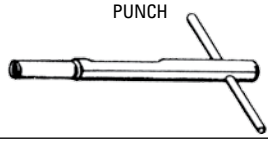
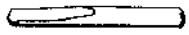
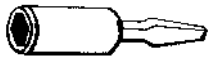
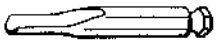
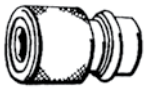
| FOR FASTENER NUMBER | ORDERING NUMBER / ITEM CODE | WT. LBS. |
|---|---|---|
| **NUTS–STEEL–UNSLOTTED NUTS** | | |
| 375X/550 | 20380 | .9 |
| **NUTS–STAINLESS–SLOTTED NUTS** | | |
| 375X/550 | 20381 | .7 |
| **NUTS–EVERDUR–SLOTTED NUTS** | | |
| 375X/550 | 20387 | .8 |

### Exclusive Piloted Bolt Design Simplifies Installation:

*The new piloted bolt is currently being phased in to replace standard bolt designs. To order the new piloted bolts as they become available, use standard bolt ordering numbers.*

# INSTALLATION TOOLS

## HAND & POWER TOOLS

| | DESCRIPTION | FOR FASTENER NUMBER | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| HAND TOOLS | BOLT BREAKER (Two Per Package)  | 375X & 550 | 110 | 30474 | 1.2 |
| | PUNCH  | 375X & 550 | P1P | 30460 | .1 |
| | BORING BIT  | 375X & 550 | B1B | 30468 | .1 |
| | WRENCH  | 375X & 550 | 100*<br>S1S** | 30445<br>30442 | .2<br>.2 |
| POWER TOOLS | POWER PUNCH | 375X & 550 | HP1 | 30463 | .2 |
| | POWER BORING BIT  | 375X & 550 | HB1 | 30471 | .1 |
| | POWER WRENCH | 375X & 550 | H100*<br>HW1** | 30446<br>30447 | .2<br>.3 |
| | QUICK CHANGE CHUCK  | 375X & 550 | 5552 | 30481 | .4 |

* For use with Steel No. 375X or Steel No. 550 nuts.
** For use with Stainless No. 375X or Stainless No. 550 slotted nuts only.

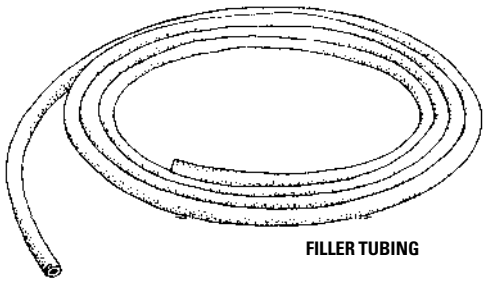
## ALIGNING HOLDERS

| BELT WIDTH in. | BELT WIDTH mm | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| **375X** | | | | |
| 30″ | 750 | AH37530 | 30836 | 9.6 |
| 36″ | 900 | AH37536 | 30837 | 11.4 |
| 42″ | 1050 | AH37542 | 30838 | 12.9 |
| 48″ | 1200 | AH37548 | 30839 | 14.5 |
| **550** | | | | |
| 30″ | 750 | AH530 | 30840 | 9.7 |
| 36″ | 900 | AH536 | 30841 | 11.6 |
| 42″ | 1050 | AH542 | 30842 | 12.8 |
| 48″ | 1200 | AH548 | 30843 | 14.4 |

## FLEXCO-LOK® BELT TAPE 100′ PER CARTON

**FOR USE WITH INDIVIDUAL PLATES**

| FOR FASTENER NUMBER | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 375X/550 | FL7C | 30888 | .8 |



**FILLER TUBING**

**RETAINING WASHERS**

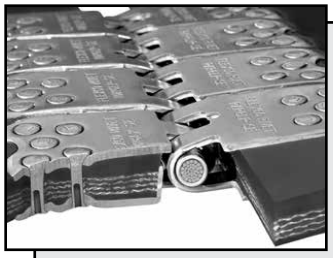
## MISCELLANEOUS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. | INSIDE DIAMETER |
|---|---|---|---|---|
| Orange Filler Tubing for 375X & 550 | (100′/pkg.) | 30894 | 10.0 | — |
| Hinge Pin Retaining Washers (50/Pkg.) – For use with 375X and 550 Nylon Coated hinge pins | 310-RET-50 | 40135 | .3 | 1/4" |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.



# How Flexco® Rivet Hinged Fasteners Work

Designed for synthetic carcass belting as well as other styles of belt, Flexco® SR™ (Self-Setting Rivet) Fasteners utilize multiple rivet attachment. This provides maximum resistance to pull-out and allows the patented rivets to work between the carcass fibers without severing them, leaving the entire belt carcass intact. It does not rely solely upon the carcass material to resist pull-out.

Because the rivets are self-setting, fasteners are installed quickly from the top side of the belt.

Rivets are driven through the fastener plates and through the belt, passing between the carcass fibers. The specially-shaped head of each pilot nail works in conjunction with the applicator tool's anvil plate to set the rivets.

The same hammer blows that set the rivets also compress the fastener plates into the belt cover. The broad width and heavy gauge of the plates give extended wear life. These plates compress uniformly and are specially coined so there are no high spots or edges to hang up.

## Applications

- Underground Mining
- Asphalt Plants
- Aggregate and Ready-mix Plants
- Log Belts and Similar Applications

## Installation Method

Fastener installed with portable fixture and hammer. Fasteners are installed in one simple procedure with self-setting rivets.

## What You Need for Installation

- Fastener
- Rivets
- Hinge Pin
- Flexco Installation Tool
- Hammer

## How to Specify the Correct Flexco® Rivet Hinged Fastener

1. Determine Belt Tension (PIW).
2. Measure your Belt Thickness.
3. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
4. Choose the fastener size that is appropriate for your specifications in the selection chart below.

## Fastener Metal Selection

**Steel.** For most applications, plated steel is recommended.

**Stainless Steel.** Type 316 Stainless Steel provides extra resistance to abrasion, magnetic attraction and corrosion from acids and chemicals.

**RustAlloy®.** Resists corrosion due to mine water or other chemical attack.

**MegAlloy®.** For superior resistance to wear and abrasion.

## Hinge Pin Selection

**AC Bare Armored Cable** - for extendable conveyors.

**ACS Bare Armored Stainless Cable** - for extendable conveyors.

**NAC Nylon Covered Armored Cable** - right for many applications, long service life.

**NC Nylon Covered Steel Cable** - for use with steel fasteners, flat or troughed belts.

**NCS Nylon Covered Stainless Steel Cable** - for applications with stainless fasteners, flat or troughed belts.

**SC Bare Steel Cable** - for conveying gritty or abrasive material.

**SSC Bare Stainless Steel Cable** - for corrosion resistance, flat belts.

## Flexco® Rivet Hinged Fastener Selection Chart

| Fastener Size | For Belts With Mechanical Fastener Ratings Up To: | | Belt Thickness Range | | Recommended Min. Pulley Diameter | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Operating Tension Under 100% of Belt Rating | | Operating Tension Under 75% of Belt Rating | |
| | P.I.W. | kN/m | in. | mm | in. | mm | in. | mm |
| R2 | 330 | 60 | 1/8-3/8 | 3-10 | 5 | 127 | 5 | 127 |
| R5 | 450 | 79 | 7/32-7/16 | 6-11 | 9 | 230 | 7 | 175 |
| R5-1/2 | 650 | 114 | 5/16-19/32 | 8-15 | 12 | 300 | 10 | 250 |
| R6 | 800 | 140 | 13/32-11/16 | 10.5-17 | 18 | 450 | 16 | 400 |
| R6LP | 800 | 140 | 5/16-23/32 | 8-18 | 18 | 450 | 16 | 400 |
| R8 | 1500 | 263 | 13/32-11/16 | 10.5-17 | 18 | 450 | 16 | 400 |
| R9 | 2000 | 350 | 5/8-1 | 16-25.5 | 42 | 1050 | 42 | 1050 |

# Flexco® R2 Medium-Duty Rivet Hinged Belt Fasteners

## FASTENERS

Order each component separately for a complete splice:
Fastener Strip + Rivets + Hinge Pin

**NOTE:**
*In most cases, fastener strip length is not equal to belt width. Order by belt width.*

For R2

### STEEL (Continuous Strip)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | PACKAGE (Two Fastener Strips) | | |
| 12″ | 300 | R2-12/300 | 41613 | 2.0 |
| 18″ | 450 | R2-18/450 | 41614 | 2.6 |
| 24″ | 600 | R2-24/600 | 41615 | 3.4 |
| 30″ | 750 | R2-30/750 | 41616 | 4.2 |
| 36″ | 900 | R2-36/900 | 41617 | 5.1 |
| 42″ | 1050 | R2-42/1050 | 41618 | 5.9 |
| 48″ | 1200 | R2-48/1200 | 41619 | 6.9 |
| 54″ | 1350 | R2-54/1350 | 41623 | 8.1 |
| 60″ | 1500 | R2-60/1500 | 41624 | 9.2 |

### STAINLESS 300 SERIES

| in. | mm | PACKAGE (Two Fastener Strips) | | |
|---|---|---|---|---|
| 12″ | 300 | R2S-12/300 | 41628 | 2.0 |
| 18″ | 450 | R2S-18/450 | 41629 | 2.6 |
| 24″ | 600 | R2S-24/600 | 41630 | 3.4 |
| 30″ | 750 | R2S-30/750 | 41631 | 4.2 |
| 36″ | 900 | R2S-36/900 | 41632 | 5.1 |
| 42″ | 1050 | R2S-42/1050 | 41633 | 5.9 |
| 48″ | 1200 | R2S-48/1200 | 41634 | 6.9 |
| 54″ | 1350 | R2S-54/1350 | 41642 | 8.1 |
| 60″ | 1500 | R2S-60/1500 | 41643 | 9.2 |

### MEGALLOY® (4 Plate Strips. 10 Strip Per Box)

For R2

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| R2MA-SE | 41709 | 4.7 |

**Plates Required for one R2MA Joint**

| BELT WIDTH | | PLATES REQUIRED | BELT WIDTH | | PLATES REQUIRED |
|---|---|---|---|---|---|
| in. | mm | | in. | mm | |
| 18″ | 450 | 20 | 42" | 1050 | 46 |
| 24″ | 600 | 26 | 48" | 1200 | 54 |
| 30″ | 750 | 32 | 54" | 1350 | 60 |
| 36″ | 900 | 40 | 60" | 1500 | 68 |

## R2T APPLICATOR TOOL

Use with SR-50 single Rivet Driver

| TOOL SIZE | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 12″ | 300 | R2T | 40455 | 6.6 |
| REPLACEMENT PARTS | | | | |
| Gauge Pin Guide | | SR26 | 40479 | .04 |
| Anvil Insert (14/Bag) | | R2T-AI | 40469 | .06 |

## SINGLE RIVET DRIVER TOOL

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Driver Tool Complete | SR-50 | 40510 | .8 |
| Drive Rod | SR5-7 | 40517 | .3 |

## RIVET SET*

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| R5S | 40348 | 1.9 |

*If no SRTA Application Tool is available, fasteners may be installed with an R5S Flexco Rivet Set. See Instruction Sheet No. FR906.

**RIVET BUCKET**
(Contains 2000 Rivets)

## RIVETS

Self-setting, pre-assembled with pilot nails

### STEEL

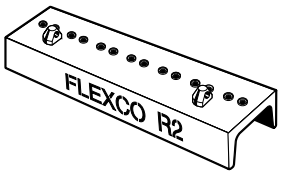
| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| BOX (100 Rivets) | | | |
| SRAA-100 | 40509 | 100 | .8 |
| SRA-100 | 40539 | 100 | .9 |
| SRB-100 | 40540 | 100 | 1.0 |
| BOX (250 Rivets) | | | |
| SRAA | 40508 | 250 | 2.2 |
| SRA | 40527 | 250 | 2.3 |
| SRB | 40528 | 250 | 2.5 |
| BUCKET (2000 Rivets) | | | |
| SRAA-2M | 40424 | 2000 | 16.1 |
| SRA-2M | 41190 | 2000 | 18.3 |
| SRB-2M | 41191 | 2000 | 19.7 |

### STAINLESS (TYPE 430)

| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| BOX (250 Rivets) | | | |
| SRAA-S | 40468 | 250 | 2.1 |
| SRA-S | 40542 | 250 | 2.3 |
| SRB-S | 40543 | 250 | 2.5 |

### FLEXCO® R2 RIVET SELECTION CHART

| FASTENER SIZE | BELT THICKNESS RANGE | | RIVET SIZE |
|---|---|---|---|
| | in. | mm | |
| R2 | 1/8-7/32″ | 3-6 | SRAA |
| | 3/16-5/16″ | 4-8 | SRA |
| | 9/32-3/8″ | 7-10 | SRB |



### Rivets Required For One R2 Joint

| BELT WIDTH | | RIVET REQUIRED |
|---|---|---|
| in. | mm | |
| 12 | 300 | 24 |
| 18 | 450 | 40 |
| 24 | 600 | 52 |
| 30 | 750 | 64 |
| 36 | 900 | 80 |
| 42 | 1050 | 92 |
| 48 | 1200 | 108 |
| 54 | 1350 | 120 |
| 60 | 1500 | 136 |

**NOTE:** For hinge pins and retaining washers for R2 see page 65.
**NOTE:** For Multiple Rivet (MSRT) and Single Rivet (SRTA) Applicator Tools see pages 68 & 69.

# Flexco®SR™ Scalloped Edge™ Rivet Hinged Fasteners

## FASTENERS

**NOTE:**
*In most cases, fastener strip length is not equal to belt width. Order by belt width.*

Order each component separately for a complete splice: Fastener Strip + Rivets + Hinge Pin

### STEEL (Continuous Strip)

**For R5**

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | PACKAGE (Two Fastener Strips) | | |
| 18″ | 450 | R5-SE-18/450 | 41314 | 2.6 |
| 24″ | 600 | R5-SE-24/600 | 41315 | 3.4 |
| 26″ | 650 | R5-SE-26/650 | 41409 | 3.7 |
| 30″ | 750 | R5-SE-30/750 | 41276 | 4.2 |
| 36″ | 900 | R5-SE-36/900 | 41277 | 5.1 |
| 42″ | 1050 | R5-SE-42/1050 | 41278 | 5.9 |
| 48″ | 1200 | R5-SE-48/1200 | 41279 | 6.9 |
| 54″ | 1350 | R5-SE-54/1350 | 41296 | 7.3 |
| 60″ | 1500 | R5-SE-60/1500 | 41298 | 8.5 |
| 72″ | 1800 | R5-SE-72/1800 | 41316 | 10.4 |

### STAINLESS TYPE 316 (Continuous Strip)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | PACKAGE (Two Fastener Strips) | | |
| 18″ | 450 | R5S-SE-18/450 | 41326 | 2.6 |
| 24″ | 600 | R5S-SE-24/600 | 41327 | 3.4 |
| 30″ | 750 | R5S-SE-30/750 | 41289 | 4.2 |
| 36″ | 900 | R5S-SE-36/900 | 41290 | 5.1 |
| 42″ | 1050 | R5S-SE-42/1050 | 41291 | 5.9 |
| 48″ | 1200 | R5S-SE-48/1200 | 41292 | 6.9 |
| 60″ | 1500 | R5S-SE-60/1500 | 41294 | 8.5 |

### RUSTALLOY® (Continuous Strip)*

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | PACKAGE (Two Fastener Strips) | | |
| 24″ | 600 | RAR5-SE-24/600 | 41328 | 3.4 |
| 26″ | 650 | RAR5-SE-26/650 | 41329 | 3.6 |
| 30″ | 750 | RAR5-SE-30/750 | 41283 | 4.2 |
| 36″ | 900 | RAR5-SE-36/900 | 41284 | 5.1 |
| 42″ | 1050 | RAR5-SE-42/1050 | 41285 | 5.9 |
| 48″ | 1200 | RAR5-SE-48/1200 | 41286 | 6.9 |
| 54″ | 1350 | RAR5-SE-54/1350 | 41287 | 7.3 |
| 60″ | 1500 | RAR5-SE-60/1500 | 41288 | 8.5 |

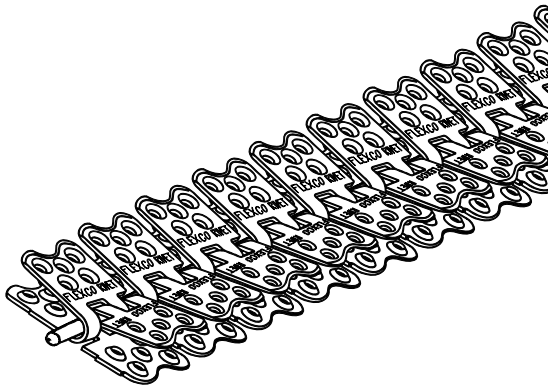
### MEGALLOY® (4 Plate Strips. 10 Strip Per Box)

**For R5**

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| R5MA-SE | 41067 | 4.7 |

**Plates Required for one R5MA Joint**

| BELT WIDTH | | PLATES REQUIRED | BELT WIDTH | | PLATES REQUIRED |
|---|---|---|---|---|---|
| in. | mm | | in. | mm | |
| 18″ | 450 | 20 | 48″ | 1200 | 54 |
| 24″ | 600 | 26 | 54″ | 1350 | 60 |
| 30″ | 750 | 32 | 60″ | 1500 | 68 |
| 36″ | 900 | 40 | 72" | 1800 | 82 |
| 42″ | 1050 | 46 | | | |



### STEEL (Continuous Strip)

**For R5-1/2**

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | PACKAGE (Two Fastener Strips) | | |
| 18″ | 450 | R5-1/2-SE-18/450 | 41514 | 3.9 |
| 24″ | 600 | R5-1/2-SE-24/600 | 41515 | 5.0 |
| 30″ | 750 | R5-1/2-SE-30/750 | 41516 | 6.3 |
| 36″ | 900 | R5-1/2-SE-36/900 | 41513 | 7.8 |
| 42″ | 1050 | R5-1/2-SE-42/1050 | 41509 | 8.8 |
| 48″ | 1200 | R5-1/2-SE-48/1200 | 41510 | 9.9 |
| 54″ | 1350 | R5-1/2-SE-54/1350 | 41525 | 11.6 |
| 60″ | 1500 | R5-1/2-SE-60/1500 | 41511 | 12.5 |
| 72″ | 1800 | R5-1/2-SE-72/1800 | 41512 | 15.5 |

### RUSTALLOY® (Continuous Strip) *

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | PACKAGE (Two Fastener Strips) | | |
| 24″ | 600 | RAR5-1/2-SE-24/600 | 41341 | 5.0 |
| 30″ | 750 | RAR5-1/2-SE-30/750 | 41342 | 6.3 |
| 36″ | 900 | RAR5-1/2-SE-36/900 | 41351 | 7.5 |
| 42″ | 1050 | RAR5-1/2-SE-42/1050 | 41391 | 8.9 |
| 46″ | 1150 | RAR5-1/2-SE-46/1150 | 41392 | 9.7 |
| 48″ | 1200 | RAR5-1/2-SE-48/1200 | 41319 | 10.1 |
| 54″ | 1350 | RAR5-1/2-SE-54/1350 | 41393 | 11.5 |
| 60″ | 1500 | RAR5-1/2-SE-60/1500 | 41394 | 12.5 |
| 72″ | 1800 | RAR5-1/2-SE-72/1800 | 41395 | 15.4 |

*** 400 SERIES STAINLESS**

### MEGALLOY® (4 Plate Strips. 10 Strip Per Box)

**For R5-1/2**

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| R5-1/2MA-SE | 41450 | 4.7 |

**Plates Required for one R5-1/2MA Joint**

| BELT WIDTH | | PLATES REQUIRED | BELT WIDTH | | PLATES REQUIRED |
|---|---|---|---|---|---|
| in. | mm | | in. | mm | |
| 18″ | 450 | 20 | 48″ | 1200 | 54 |
| 24″ | 600 | 26 | 54″ | 1350 | 60 |
| 30″ | 750 | 32 | 60″ | 1500 | 68 |
| 36″ | 900 | 40 | 72″ | 1800 | 82 |
| 42″ | 1050 | 46 | | | |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production.
In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available.
Request quote for price and delivery.

# FASTENERS

Order each component separately for a complete splice: Fastener Strip + Rivets + Hinge Pin

**NOTE:**

*In most cases, fastener strip length is not equal to belt width. Order by belt width.*

## STEEL (Continuous Strip)

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | PACKAGE (Two Fastener Strips) | | |
| For R6 | 24″ | 600 | R6-SE-24/600 | 40408 | 6.6 |
| | 30″ | 750 | R6-SE-30/750 | 40409 | 8.4 |
| | 36″ | 900 | R6-SE-36/900 | 40399 | 10.3 |
| | 42″ | 1050 | R6-SE-42/1050 | 40389 | 11.7 |
| | 46″ | 1150 | R6-SE-46/1150 | 40415 | 13.2 |
| | 48″ | 1200 | R6-SE-48/1200 | 40390 | 13.8 |
| | 54″ | 1350 | R6-SE-54/1350 | 40391 | 14.6 |
| | 60″ | 1500 | R6-SE-60/1500 | 40392 | 16.2 |
| | 72″ | 1800 | R6-SE-72/1800 | 40393 | 20.8 |
| | 84″ | 2130 | R6-SE-84/2130 | 40416 | 28.7 |

## RUSTALLOY® (Continuous Strip) *

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | PACKAGE (Two Fastener Strips) | | |
| For R6 | 24″ | 600 | | | |
| | 30″ | 750 | | | |
| | 36″ | 900 | | | |
| | 42″ | 1050 | RAR6-SE-42/1050 | 41542 | 11.7 |
| | 46″ | 1150 | RAR6-SE-46/1150 | 41548 | 13.2 |
| | 48″ | 1200 | RAR6-SE-48/1200 | 41543 | 13.8 |
| | 54″ | 1350 | RAR6-SE-54/1350 | 41544 | 14.6 |
| | 60″ | 1500 | RAR6-SE-60/1500 | 41545 | 16.2 |
| | 72″ | 1800 | RAR6-SE-72/1800 | 41546 | 20.8 |
| | 84″ | 2130 | RAR6-SE-84/2130 | 41547 | 28.7 |

## RAR6LP LOW PROFILE*

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | PACKAGE (Two Fastener Strips) | | |
| For R6 | 24″ | 600 | | | |
| | 30″ | 750 | | | |
| | 36″ | 900 | | | |
| | 42″ | 1050 | RAR6LP-SE-42/1050 | 40828 | 8.4 |
| | 46″ | 1150 | RAR6LP-SE-46/1150 | 40834 | 9.0 |
| | 48″ | 1200 | RAR6LP-SE-48/1200 | 40829 | 9.6 |
| | 54″ | 1350 | RAR6LP-SE-54/1350 | 40830 | 10.1 |
| | 60″ | 1500 | RAR6LP-SE-60/1500 | 40831 | 10.7 |
| | 72″ | 1800 | RAR6LP-SE-72/1800 | 40832 | 12.5 |
| | 84″ | 2130 | RAR6LP-SE-84/2130 | 40833 | 16.4 |

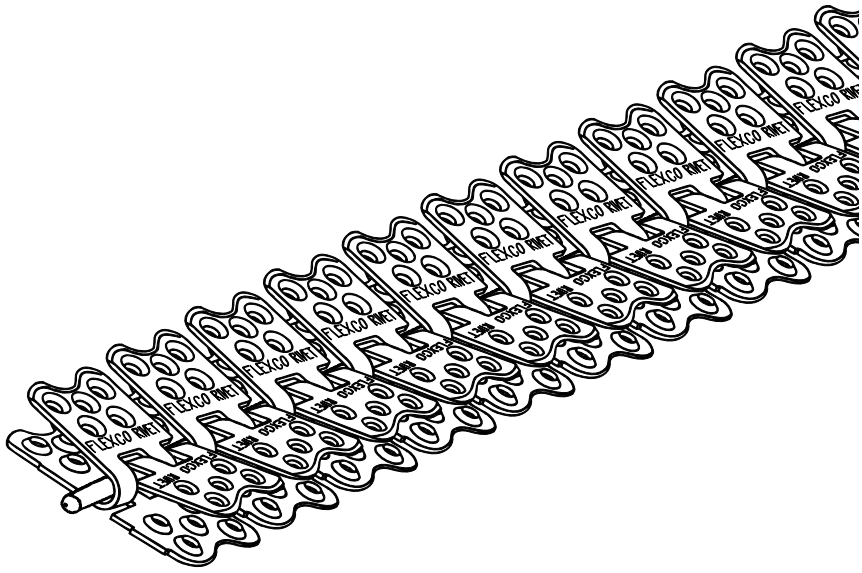
## RUSTALLOY® (Continuous Strip) *

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | PACKAGE (Two Fastener Strips) | | |
| For R8 | 48″ | 1200 | RAR8-SE-48/1200 | 41712 | 13.8 |
| | 54″ | 1350 | RAR8-SE-54/1350 | 41713 | 14.6 |
| | 60″ | 1500 | RAR8-SE-60/1500 | 41714 | 16.2 |
| | 72″ | 1800 | RAR8-SE-72/1800 | 41715 | 20.8 |
| | 84″ | 2130 | RAR8-SE-84/2130 | 41716 | 28.7 |

*** 400 SERIES STAINLESS**

## STAINLESS 300 SERIES

| | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | PACKAGE (Two Fastener Strips) | | |
| For R9 | 48″ | 1200 | R9S-SE-48/1200 | 41737 | 17.0 |
| | 54″ | 1350 | R9S-SE-54/1350 | 41738 | 19.0 |
| | 60″ | 1500 | R9S-SE-60/1500 | 41739 | 21.8 |
| | 72″ | 1800 | R9S-SE-72/1800 | 41740 | 25.8 |
| | 84″ | 2130 | R9S-SE-84/2130 | 41741 | 30.2 |




**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production.
In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available.
Request quote for price and delivery.

# RIVETS

Self-setting, pre-assembled with pilot nails

## STEEL

| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| **BOX** (100 Rivets) | | | |
| SRA-100 | 40539 | 100 | .9 |
| SRB-100 | 40540 | 100 | 1.0 |
| SRC-100 | 40541 | 100 | 1.1 |
| **BOX** (250 Rivets) | | | |
| SRA | 40527 | 250 | 2.3 |
| SRB | 40528 | 250 | 2.5 |
| SRC | 40529 | 250 | 2.6 |
| SRC/D | 40538 | 250 | 2.8 |
| SRD | 40530 | 250 | 2.9 |
| SRE | 40531 | 250 | 3.1 |
| SRF | 40532 | 250 | 3.1 |
| SRG | 40533 | 250 | 3.2 |
| SRH | 40534 | 250 | 3.4 |
| SRI | 40535 | 250 | 3.5 |
| SRJ | 40536 | 250 | 3.6 |
| SRK | 40537 | 250 | 3.7 |
| **BUCKET** (2000 Rivets) | | | |
| SRA-2M | 41190 | 2000 | 16.6 |
| SRB-2M | 41191 | 2000 | 18.1 |
| SRC-2M | 41192 | 2000 | 20.2 |
| SRC/D-2M | 41193 | 2000 | 21.2 |
| SRD-2M | 41194 | 2000 | 21.9 |
| SRE-2M | 41195 | 2000 | 23.1 |
| SRF-2M | 41196 | 2000 | 24.4 |
| SRG-2M | 41197 | 2000 | 24.9 |
| SRH-2M | 41198 | 2000 | 25.1 |
| SRI-2M | 41199 | 2000 | 25.9 |

## STAINLESS (TYPE 430)

| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| **BOX** (250 Rivets) | | | |
| SRA-S | 40542 | 250 | 2.3 |
| SRB-S | 40543 | 250 | 2.5 |
| SRC-S | 40544 | 250 | 2.6 |
| SRC/D-S | 40548 | 250 | 2.8 |
| SRD-S | 40545 | 250 | 2.9 |
| SRE-S | 40546 | 250 | 3.1 |
| SRF-S | 40547 | 250 | 3.1 |
| SRG-S | 40523 | 250 | 3.2 |
| SRH-S | 40522 | 250 | 3.4 |
| SRI-S | 40506 | 250 | 16.7 |
| SRJ-S | 40507 | 250 | 18.4 |
| SRK-S | 40520 | 250 | 19.9 |
| SRL-S | 40519 | 250 | 4.2 |
| **BUCKET** (2000 Rivets) | | | |
| SRA-S-2M | 41200 | 2000 | 17.1 |
| SRB-S-2M | 41201 | 2000 | 18.9 |
| SRC-S-2M | 41202 | 2000 | 20.6 |
| SRC/D-S-2M | 41203 | 2000 | 21.3 |
| SRD-S-2M | 41204 | 2000 | 21.9 |
| SRE-S-2M | 41205 | 2000 | 22.9 |
| SRF-S-2M | 41206 | 2000 | 23.5 |
| SRG-S-2M | 41207 | 2000 | 24.7 |
| SRH-S-2M | 41208 | 2000 | 25.1 |
| SRI-S-2M | 41181 | 2000 | 26.3 |
| SRJ-S-2M | 41183 | 2000 | 27.5 |
| SRK-S-2M | 41185 | 2000 | 28.7 |
| SRL-S-2M | 41781 | 2000 | 29.9 |

## Rivets Required For One R5, R5-1/2 or R6 Joint

| BELT WIDTH | | RIVETS REQUIRED |
|---|---|---|
| in. | mm | |
| 18″ | 450 | 100 |
| 24″ | 600 | 130 |
| 30″ | 750 | 160 |
| 36″ | 900 | 200 |
| 42″ | 1050 | 230 |
| 48″ | 1200 | 270 |
| 54″ | 1350 | 300 |
| 60″ | 1500 | 340 |
| 72″ | 1800 | 410 |
| 84″ | 2130 | 480 |

## Rivets Required For One R8 or R9 Joint

| BELT WIDTH | | RIVETS REQUIRED |
|---|---|---|
| in. | mm | |
| 48″ | 1200 | 432 |
| 54″ | 1350 | 480 |
| 60″ | 1500 | 544 |
| 72″ | 1800 | 656 |
| 84″ | 2130 | 768 |

## RIVET SELECTION CHART

| FASTENER SIZE | BELT THICKNESS RANGE | | RIVET SIZE |
|---|---|---|---|
| | in. | mm | |
| R5 | 7/32-5/16 | 6-8 | SRA |
| | 9/32-3/8 | 7-10 | SRB |
| | 11/32-7/16 | 9-11 | SRC |
| | 13/32-7/16 | 10.5-11 | SRC/D |
| R5-1/2 & R6LP | 5/16-11/32 | 8-9 | SRB |
| | 5/16-13/32 | 8-10.5 | SRC |
| | 3/8-15/32 | 10-12 | SRC/D |
| | 7/16-17/32 | 11-13.5 | SRD |
| | 1/2-19/32 | 13-15 | SRE |
| | 9/16-21/32 | 14-16.5 | SRF* |
| | 5/8-23/32 | 16-18 | SRG* |
| R6 | 13/32-7/16 | 9-11 | SRC/D |
| | 13/32-1/2 | 10.5-13 | SRD |
| | 15/32-9/16 | 12-14 | SRE |
| | 17/32-5/8 | 13.5-16 | SRF |
| | 19/32-11/16 | 15-17 | SRG |
| R8 | 13/32-7/16 | 10.5-11 | SRC/D |
| | 13/32-1/2 | 10.5-13 | SRD |
| | 15/32-9/16 | 12-14 | SRE |
| | 17/32-5/8 | 13.5-16 | SRF |
| | 19/32-11/16 | 15-17 | SRG |
| R9 | 19/32-11/16 | 16-17 | SRG |
| | 21/32-3/4 | 16.5-19 | SRH |
| | 23/32-13/16 | 18-21 | SRI |
| | 25/32-7/8 | 20-22 | SRJ** |
| | 27/32-15/16 | 21-24 | SRK** |

*** Applies to RAR6LP only.**

**** Use with 3/4″ diameter hinge pin.**

# RAPID LOADER™ RIVET STRIPS

## (For R5, R5-1/2, R6, BR10)

Self-setting, pre-assembled with pilot nails

60 Strips / 1200 Rivets per Bucket

| DESCRIPTION | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| Size | Color Code | | | |
| **STEEL** | | | | |
| A | Red | CSRLA | 40857 | 13.00 |
| B | White | CSRLB | 40858 | 13.92 |
| C | Blue | CSRLC | 40859 | 14.84 |
| C/D | Orange | CSRLC/D | 40860 | 15.56 |
| D | Green | CSRLD | 40861 | 16.06 |
| E | Purple | CSRLE | 40862 | 16.62 |
| F | Yellow | CSRLF | 40863 | 17.34 |
| G | Black | CSRLG | 40864 | 17.90 |
| **STAINLESS (TYPE 430)** | | | | |
| A | Red | CSRLA-S | 40978 | 12.90 |
| B | White | CSRLB-S | 40979 | 13.80 |
| C | Blue | CSRLC-S | 40980 | 14.92 |
| C/D | Orange | CSRLC/D-S | 40981 | 15.31 |
| D | Green | CSRLD-S | 40982 | 15.92 |
| E | Purple | CSRLE-S | 40983 | 16.48 |
| F | Yellow | CSRLF-S | 40984 | 16.94 |
| G | Black | CSRLG-S | 40985 | 17.52 |

## (For R8 and R9)

| Rivet Qty. | | | | | | |
|---|---|---|---|---|---|---|
| | | **STEEL** | | | | |
| 1024 | | C/D | Orange | CSRL8C/D | 41845 | 13.50 |
| | | D | Green | CSRL8D | 41846 | 14.10 |
| | | E | Purple | CSRL8E | 41847 | 14.70 |
| | | F | Yellow | CSRL8F | 41848 | 15.30 |
| | | G | Black | CSRL8G | 41849 | 16.00 |
| 768 | | H | Gray | CSRL8H | 41850 | 12.50 |
| | | I | Lt. Blue | CSRL8I | 41851 | 13.10 |
| | | J | Brown | CSRL8J | 41852 | 13.70 |
| | | K | Beige | CSRL8K | 41853 | 14.30 |
| | | **STAINLESS (TYPE 430)** | | | | |
| 1024 | | C/D | C/D | CSRL8C/D-S | 41854 | 13.50 |
| | | D | D | CSRL8D-S | 41855 | 14.10 |
| | | E | E | CSRL8E-S | 41856 | 14.70 |
| | | F | F | CSRL8F-S | 41857 | 15.30 |
| | | G | G | CSRL8G-S | 41858 | 16.00 |
| 768 | | H | H | CSRL8H-S | 41859 | 12.50 |
| | | I | I | CSRL8I-S | 41860 | 13.10 |
| | | J | J | CSRL8J-S | 41861 | 13.70 |
| | | K | K | CSRL8K-S | 41862 | 14.30 |

# RAPID LOADER™ RIVET STRIPS

## *WITH WASHERS*

## (For R5, R5-1/2, R6, BR10)

(For use with the Flexco® Power Set™ Rivet Driver and Hilti DX 460-SR installation tool)

60 Strips / 1200 Rivets per Bucket

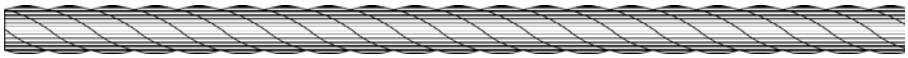
| DESCRIPTION | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| Size | Color Code | | | |
| **STEEL** | | | | |
| A | Red | CSRLA-W | 40891 | 13.00 |
| B | White | CSRLB-W | 40892 | 13.92 |
| C | Blue | CSRLC-W | 40893 | 14.84 |
| C/D | Orange | CSRLC/D-W | 40895 | 15.56 |
| D | Green | CSRLD-W | 40897 | 16.06 |
| E | Purple | CSRLE-W | 40898 | 16.62 |
| F | Yellow | CSRLF-W | 40899 | 17.34 |
| G | Black | CSRLG-W | 40901 | 17.90 |
| **STAINLESS (TYPE 430)** | | | | |
| A | Red | CSRLA-S-W | 40955 | 12.90 |
| B | White | CSRLB-S-W | 40956 | 13.80 |
| C | Blue | CSRLC-S-W | 40957 | 14.92 |
| C/D | Orange | CSRLC/D-S-W | 40958 | 15.31 |
| D | Green | CSRLD-S-W | 40959 | 15.92 |
| E | Purple | CSRLE-S-W | 40961 | 16.48 |
| F | Yellow | CSRLF-S-W | 40969 | 16.94 |
| G | Black | CSRLG-S-W | 40971 | 17.52 |

## (For R8 and R9)

| Rivet Qty. | | | | | | |
|---|---|---|---|---|---|---|
| | | **STEEL** | | | | |
| 1024 | | C/D | Orange | CSRL8C/D-W | 41879 | 13.50 |
| | | D | Green | CSRL8D-W | 41880 | 14.10 |
| | | E | Purple | CSRL8E-W | 41881 | 14.70 |
| | | F | Yellow | CSRL8F-W | 41882 | 15.30 |
| | | G | Black | CSRL8G-W | 41883 | 16.00 |
| 768 | | H | Gray | CSRL8H-W | 41884 | 12.50 |
| | | I | Lt. Blue | CSRL8I-W | 41885 | 13.10 |
| | | J | Brown | CSRL8J-W | 41886 | 13.70 |
| | | K | Beige | CSRL8K-W | 41887 | 14.30 |
| | | **STAINLESS (TYPE 430)** | | | | |
| 1024 | | C/D | Orange | CSRL8C/D-S-W | 41888 | 13.50 |
| | | D | Green | CSRL8D-S-W | 41889 | 14.10 |
| | | E | Purple | CSRL8E-S-W | 41890 | 14.70 |
| | | F | Yellow | CSRL8F-S-W | 41891 | 15.30 |
| | | G | Black | CSRL8G-S-W | 41892 | 16.00 |
| 768 | | H | Gray | CSRL8H-S-W | 41893 | 12.50 |
| | | I | Lt. Blue | CSRL8I-S-W | 41894 | 13.10 |
| | | J | Brown | CSRL8J-S-W | 41895 | 13.70 |
| | | K | Beige | CSRL8K-S-W | 41896 | 14.30 |
| | | L | Teal | CSRL8L-S-W | 41935 | 14.90 |

**NOTE:** Use standard rivet selection criteria for collated rivet strips.

# HINGE PINS



## FOR R2 & R5

(SEE PAGE 66 & 67 FOR ADDITIONAL HINGE PINS.)

| BELT WIDTH | | AC BARE ARMORED CABLE (1/4"dia.) | | | *ACS BARE ARMORED STAINLESS CABLE (17/64"dia.) | | | NAC NYLON COVERED ARMORED CABLE (1/4"dia.) | | | NC NYLON COVERED STEEL CABLE (1/4"dia.) | | | *NCS NYLON COVERED STAINLESS CABLE (1/4"dia.) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| in. | mm | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
| | | **EACH** (One Pin) | | | **EACH** (One Pin) | | | **EACH** (One Pin) | | | **EACH** (One Pin) | | | **EACH** (One Pin) | | |
| 12" | 300 | | | | | | | | | | NC-12-1 | 38000 | .1 | | | |
| 14" | 350 | | | | | | | | | | NC-14-1 | 38001 | .1 | | | |
| 16" | 400 | | | | | | | | | | NC-16-1 | 38002 | .1 | | | |
| 18" | 450 | AC-18-1 | 38129 | .2 | | | | NAC-18-1 | 38108 | .2 | NC-18-1 | 38003 | .1 | | | |
| 20" | 500 | | | | | | | | | | NC-20-1 | 38004 | .2 | | | |
| 24" | 600 | AC-24-1 | 38130 | .2 | | | | NAC-24-1 | 38109 | .2 | NC-24-1 | 38005 | .2 | NCS-24-1 | 38041 | .2 |
| 26" | 650 | AC-26-1 | 38131 | .2 | | | | NAC-26-1 | 38110 | .2 | | | | | | |
| 30" | 750 | AC-30-1 | 38132 | .3 | ACS-30-1 | 41380 | .3 | NAC-30-1 | 38111 | .3 | NC-30-1 | 38007 | .2 | NCS-30-1 | 38043 | .2 |
| 36" | 900 | AC-36-1 | 38133 | .3 | ACS-36-1 | 41381 | .3 | NAC-36-1 | 38112 | .3 | NC-36-1 | 38008 | .2 | NCS-36-1 | 38044 | .2 |
| 42" | 1050 | AC-42-1 | 38134 | .4 | ACS-42-1 | 41382 | .4 | NAC-42-1 | 38113 | .4 | NC-42-1 | 38009 | .2 | NCS-42-1 | 38045 | .3 |
| 48" | 1200 | AC-48-1 | 38135 | .4 | ACS-48-1 | 41383 | .4 | NAC-48-1 | 38114 | .4 | NC-48-1 | 38010 | .3 | NCS-48-1 | 38046 | .3 |
| 54" | 1350 | AC-54-1 | 38136 | .5 | ACS-54-1 | 41384 | .5 | NAC-54-1 | 38115 | .5 | NC-54-1 | 38011 | .3 | NCS-54-1 | 38047 | .3 |
| 60" | 1500 | AC-60-1 | 38137 | .5 | ACS-60-1 | 41385 | .5 | NAC-60-1 | 38116 | .5 | NC-60-1 | 38012 | .4 | NCS-60-1 | 38048 | .4 |
| 72" | 1800 | AC-72-1 | 38138 | .6 | ACS-72-1 | 41388 | .6 | NAC-72-1 | 38117 | .6 | NC-72-1 | 38013 | .4 | NCS-72-1 | 38049 | .5 |
| **PACKAGE** (Ten Pins) | | | | | **PACKAGE** (Ten Pins) | | | **PACKAGE** (Ten Pins) | | | **PACKAGE** (Ten Pins) | | | **PACKAGE** (Ten Pins) | | |
| 18" | 450 | AC-18 | 40685 | 1.7 | | | | NAC-18 | 40629 | 1.7 | NC-18 | 40153 | 1.3 | | | |
| 24" | 600 | AC-24 | 40686 | 2.3 | | | | NAC-24 | 40631 | 2.3 | NC-24 | 40155 | 1.8 | NCS-24 | 40175 | 1.8 |
| 26" | 650 | AC-26 | 40687 | 2.4 | | | | NAC-26 | 40632 | 2.4 | NC-26 | 40156 | 1.8 | | | |
| 30" | 750 | AC-30 | 40688 | 2.8 | ACS-30 | 41354 | 2.8 | NAC-30 | 40633 | 2.8 | NC-30 | 40157 | 2.0 | NCS-30 | 40177 | 2.0 |
| 36" | 900 | AC-36 | 40689 | 3.4 | ACS-36 | 41355 | 3.4 | NAC-36 | 40634 | 3.4 | NC-36 | 40158 | 2.3 | NCS-36 | 40178 | 2.3 |
| 42" | 1050 | AC-42 | 40691 | 3.8 | ACS-42 | 41356 | 3.8 | NAC-42 | 40636 | 3.8 | NC-42 | 40159 | 2.6 | NCS-42 | 40179 | 2.6 |
| 48" | 1200 | AC-48 | 40692 | 4.8 | ACS-48 | 41357 | 4.8 | NAC-48 | 40637 | 4.8 | NC-48 | 40160 | 3.0 | NCS-48 | 40180 | 3.0 |
| 54" | 1350 | | | | ACS-54 | 41358 | 5.4 | | | | NC-54 | 40161 | 3.4 | NCS-54 | 40181 | 3.4 |
| 60" | 1500 | | | | ACS-60 | 41359 | 6.1 | | | | NC-60 | 40162 | 3.9 | NCS-60 | 40182 | 3.9 |
| 72" | 1800 | | | | ACS-72 | 41363 | 6.8 | | | | NC-72 | 40163 | 5.0 | | | |
| | | | | | | | | | | | **100 FOOT COILS** | | | **100 FOOT COILS** | | |
| | | | | | | | | | | | NC-C | 39740 | 8.6 | NCS-C | 39817 | 8.6 |

## FOR R2 & R5

| BELT WIDTH | | SC BARE STEEL CABLE (1/4"dia.) | | | *SSC BARE STAINLESS CABLE (7/32"dia.) | | |
|---|---|---|---|---|---|---|---|
| in. | mm | ORDERING NUMBER | ITEM CODE | WT. LBS. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
| | | **EACH** (One Pin) | | | **EACH** (One Pin) | | |
| 18" | 450 | | | | | | |
| 24" | 600 | SC-24-1 | 38180 | .2 | SSC-24-1 | 38199 | .2 |
| 30" | 750 | SC-30-1 | 38182 | .3 | SSC-30-1 | 38201 | .3 |
| 36" | 900 | SC-36-1 | 38183 | .3 | SSC-36-1 | 38202 | .3 |
| 38" | 950 | | | | | | |
| 40" | 1000 | | | | | | |
| 42" | 1050 | SC-42-1 | 38184 | .4 | SSC-42-1 | 38203 | .4 |
| 44" | 1100 | | | | | | |
| 46" | 1150 | | | | | | |
| 48" | 1200 | SC-48-1 | 38185 | .4 | SSC-48-1 | 38204 | .4 |
| 54" | 1350 | SC-54-1 | 38240 | .5 | SSC-54-1 | 38211 | .5 |
| 60" | 1500 | SC-60-1 | 38188 | .5 | SSC-60-1 | 38205 | .5 |
| 72" | 1800 | SC-72-1 | 38195 | .6 | SSC-72-1 | 38222 | .6 |
| **PACKAGE** (Ten Pins) | | | | | **PACKAGE** (Ten Pins) | | |
| 18" | 450 | SC-18 | 40201 | 1.8 | SSC-18 | 40209 | 1.8 |
| 24" | 600 | SC-24 | 40202 | 2.3 | SSC-24 | 40210 | 2.3 |
| 30" | 750 | SC-30 | 40204 | 2.9 | SSC-30 | 40211 | 2.9 |
| 36" | 900 | SC-36 | 40205 | 3.4 | SSC-36 | 40212 | 3.4 |
| 38" | 950 | | | | | | |
| 40" | 1000 | | | | | | |
| 42" | 1050 | SC-42 | 40206 | 4.0 | SSC-42 | 40213 | 4.0 |
| 44" | 1100 | | | | | | |
| 46" | 1150 | | | | | | |
| 48" | 1200 | SC-48 | 40207 | 4.6 | SSC-48 | 40214 | 4.6 |
| 54" | 1350 | SC-54 | 39808 | 5.1 | SSC-54 | 39811 | 5.1 |
| 60" | 1500 | SC-60 | 39802 | 5.8 | SSC-60 | 39812 | 5.8 |

***300 SERIES**

### HINGE PIN RETAINING WASHERS FOR R2, R5, 1/4" DIAMETER NYLON CABLE HINGE PINS ONLY

**50 PER PACKAGE**

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| 310-RET-50 | 40135 | .3 |

**NOTE:** 1/4" inside diameter

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

# HINGE PINS

## FOR R5

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **SC932** BARE STEEL CABLE (9/32"dia.) | | |
| **EACH** (One Pin) | | |
| SC932-18-1 | 38348 | .4 |
| SC932-24-1 | 38344 | .5 |
| SC932-30-1 | 38341 | .6 |
| SC932-36-1 | 38342 | .7 |
| SC932-38-1 | 38413 | .7 |
| SC932-40-1 | 38406 | .8 |
| SC932-42-1 | 38343 | .8 |
| SC932-44-1 | 38405 | .9 |
| SC932-46-1 | 38404 | .9 |
| SC932-48-1 | 38345 | .9 |
| SC932-54-1 | 38355 | 1.0 |
| SC932-60-1 | 38351 | 1.0 |
| SC932-72-1 | 38350 | 1.1 |
| **PACKAGE** (Ten Pins) | | |
| SC932-30 | 38300 | 5.8 |
| SC932-36 | 38301 | 7.0 |
| SC932-38 | 38412 | 7.4 |
| SC932-40 | 38409 | 7.8 |
| SC932-42 | 38302 | 8.2 |
| SC932-44 | 38411 | 8.6 |
| SC932-46 | 38410 | 8.9 |
| SC932-48 | 38303 | 9.3 |
| SC932-54 | 38305 | 9.9 |
| SC932-60 | 38312 | 10.5 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| ***SSC932** BARE STAINLESS CABLE (9/32"dia.) | | |
| **EACH** (One Pin) | | |
| SSC932-18-1 | 38349 | .4 |
| SSC932-24-1 | 38336 | .5 |
| SSC932-30-1 | 38337 | .6 |
| SSC932-36-1 | 38338 | .7 |
| SSC932-38-1 | 38425 | .7 |
| SSC932-40-1 | 38426 | .8 |
| SSC932-42-1 | 38339 | .8 |
| SSC932-44-1 | 38427 | .9 |
| SSC932-46-1 | 38428 | .9 |
| SSC932-48-1 | 38340 | .9 |
| SSC932-54-1 | 38429 | 1.0 |
| SSC932-60-1 | 38352 | 1.0 |
| SSC932-72-1 | 38335 | 1.1 |
| **PACKAGE** (Ten Pins) | | |
| SSC932-30 | 38320 | 5.8 |
| SSC932-36 | 38321 | 7.0 |
| SSC932-38 | 38420 | 7.4 |
| SSC932-40 | 38417 | 7.8 |
| SSC932-42 | 38322 | 8.2 |
| SSC932-44 | 38419 | 8.6 |
| SSC932-46 | 38418 | 8.9 |
| SSC932-48 | 38323 | 9.3 |
| SSC932-54 | 38325 | 9.9 |
| SSC932-60 | 38317 | 10.5 |

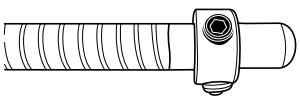
***300 SERIES**

**NOTE:**
For hinge pin retaining washers for R5 pins, see page 65.

## FOR R5-1/2, R6, RAR6LP

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| | | **AC6** BARE ARMORED STEEL CABLE (3/8"dia.) | | |
| in. | mm | **EACH** (One Pin) | | |
| 24" | 600 | AC6-24-1 | 38164 | .7 |
| 30" | 750 | AC6-30-1 | 38165 | .8 |
| 36" | 900 | AC6-36-1 | 38166 | 1.0 |
| 38" | 950 | AC6-38-1 | 38161 | 1.1 |
| 40" | 1000 | AC6-40-1 | 38162 | 1.1 |
| 42" | 1050 | AC6-42-1 | 38167 | 1.2 |
| 44" | 1100 | AC6-44-1 | 38143 | 1.3 |
| 46" | 1150 | | | |
| 48" | 1200 | AC6-48-1 | 38168 | 1.4 |
| 52" | | | | |
| 54" | 1350 | AC6-54-1 | 38169 | 1.5 |
| 60" | 1500 | AC6-60-1 | 38170 | 1.7 |
| 72" | 1800 | AC6-72-1 | 38171 | 2.1 |
| 84" | 2130 | | | |
| | | **PACKAGE** (Ten Pins) | | |
| 24" | 600 | AC6-24 | 40707 | 6.2 |
| 30" | 750 | AC6-30 | 40709 | 8.1 |
| 36" | 900 | AC6-36 | 40710 | 10.0 |
| 38" | 950 | AC6-38 | 38403 | 10.2 |
| 40" | 1000 | AC6-40 | 38401 | 11.0 |
| 42" | 1050 | AC6-42 | 40712 | 12.0 |
| 44" | 1100 | AC6-44 | 40713 | 12.3 |
| 46" | 1150 | | | |
| 48" | 1200 | AC6-48 | 40714 | 12.5 |
| 52" | 1350 | | | |
| 54" | 1350 | AC6-54 | 40716 | 14.7 |
| 60" | 1500 | AC6-60 | 40718 | 16.2 |
| 72" | 1800 | AC6-72 | 40720 | 19.6 |
| 84" | 2130 | AC6-84 | 40721 | 25.0 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **SC6** BARE STEEL CABLE (23/64"dia.) | | |
| **EACH** (One Pin) | | |
| SC6-38-1 | 38370 | 1.1 |
| SC6-40-1 | 38371 | 1.2 |
| SC6-42-1 | 38376 | 1.2 |
| SC6-44-1 | 38372 | 1.3 |
| SC6-46-1 | 38373 | 1.4 |
| SC6-48-1 | 38377 | 1.4 |
| SC6-54-1 | 38374 | 1.5 |
| SC6-60-1 | 38375 | 1.6 |
| SC6-72-1 | 38378 | 2.1 |
| SC6-84-1 | 38387 | 2.5 |
| **PACKAGE** (Ten Pins) | | |
| SC6-36 | 38362 | 10.5 |
| SC6-38 | 38365 | 11.0 |
| SC6-40 | 38366 | 11.6 |
| SC6-42 | 38363 | 12.2 |
| SC6-44 | 38367 | 12.8 |
| SC6-46 | 38368 | 13.4 |
| SC6-48 | 38364 | 14.0 |
| SC6-54 | 38369 | 15.8 |
| SC6-60 | 38380 | 17.6 |
| SC6-72 | 38381 | 20.9 |
| SC6-84 | 38390 | 25.0 |



## HINGE PIN RETAINING COLLARS

| FOR PIN DIAMETER | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 7/32-9/32 | HPRET1 | 40198 | .5 |
| 23/64-13/32 | HPRET2 | 40199 | .5 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

# HINGE PINS

## FOR R5-1/2, R6, RAR6LP & RAR8

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| ***ACS6** BARE ARMORED STAINLESS CABLE (3/8"dia.) | | |
| **EACH** (One Pin) | | |
| ACS6-36/900-1 | 39274 | 1.0 |
| ACS6-40-1 | 39280 | 1.1 |
| ACS6-42-1 | 39275 | 1.2 |
| ACS6-46-1 | 39281 | 1.3 |
| ACS6-48-1 | 39276 | 1.3 |
| ACS6-52-1 | 39282 | 1.4 |
| ACS6-54-1 | 39277 | 1.5 |
| ACS6-60-1 | 39278 | 1.7 |
| ACS6-72-1 | 39279 | 2.1 |
| ACS6-84-1 | 39283 | 2.5 |
| **PACKAGE** (Ten Pins) | | |
| ACS6-36/900 | 39300 | 10.0 |
| ACS6-40 | 39307 | 11.0 |
| ACS6-42 | 39301 | 12.0 |
| ACS6-46 | 39308 | 12.3 |
| ACS6-48 | 39302 | 13.4 |
| ACS6-52 | 39306 | 14.0 |
| ACS6-54 | 39303 | 15.8 |
| ACS6-60 | 39304 | 17.6 |
| ACS6-72 | 39305 | 20.9 |
| ACS6-84 | 39309 | 25.0 |

## FOR R6, RAR6LP

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **NAC6** NYLON COVERED ARMORED CABLE (13/32"dia.) | | |
| **EACH** (One Pin) | | |
| NAC6-24-1 | 38144 | .7 |
| NAC6-30-1 | 38145 | .8 |
| NAC6-36-1 | 38146 | 1.0 |
| NAC6-38-1 | 40940 | 1.1 |
| NAC6-40-1 | 40941 | 1.1 |
| NAC6-42-1 | 38147 | 1.2 |
| NAC6-44-1 | 40942 | 1.3 |
| NAC6-46-1 | 40943 | 1.4 |
| NAC6-48-1 | 38148 | 1.4 |
| NAC6-54-1 | 38149 | 1.5 |
| NAC6-60-1 | 38150 | 1.7 |
| NAC6-72-1 | 38151 | 2.1 |
| NAC6-84-1 | 38154 | 2.4 |
| **PACKAGE** (Ten Pins) | | |
| NAC6-24 | 40654 | 6.5 |
| NAC6-30 | 40657 | 8.3 |
| NAC6-36 | 40659 | 10.0 |
| NAC6-38 | 40681 | 10.2 |
| NAC6-40 | 40670 | 11.0 |
| NAC6-42 | 40661 | 11.8 |
| NAC6-44 | 40680 | 12.3 |
| NAC6-46 | 40679 | 12.9 |
| NAC6-48 | 40663 | 13.5 |
| NAC6-54 | 40665 | 15.0 |
| NAC6-60 | 40667 | 17.0 |
| NAC6-72 | 40669 | 20.1 |
| NAC6-84 | 40671 | 24.4 |

## FOR R9

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| | | ***NCS** NYLON COVERED STAINLESS CABLE (5/8"dia.) | | |
| in. | mm | **EACH** (One Pin) | | |
| 48" | 1200 | NCS962-48-1 | 53234 | 2.2 |
| 54" | 1350 | NCS962-54-1 | 53235 | 2.4 |
| 60" | 1500 | NCS962-60-1 | 53236 | 2.7 |
| 72" | 1800 | NCS962-72-1 | 53237 | 3.3 |
| 84" | 2130 | NCS962-84-1 | 53238 | 3.8 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **NCS** NYLON COVERED STAINLESS CABLE (3/4"dia.) | | |
| **EACH** (One Pin) | | |
| NCS975-48-1 | 53255 | 3.1 |
| NCS975-54-1 | 53256 | 3.5 |
| NCS975-60-1 | 53257 | 4.0 |
| NCS975-72-1 | 53258 | 4.8 |
| NCS975-84-1 | 53259 | 5.6 |

***300 SERIES**

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

# INSTALLATION TOOLS

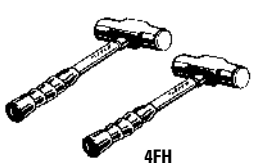
## Multiple Rivet Applicator Tool

### MSRT APPLICATOR COMPLETE

(Includes two SR700 Multiple Guide Blocks, two SR759 Multiple Drive Rods, two 4 lb. Hammers, Lubricant and one Canvas Carry Bag.)

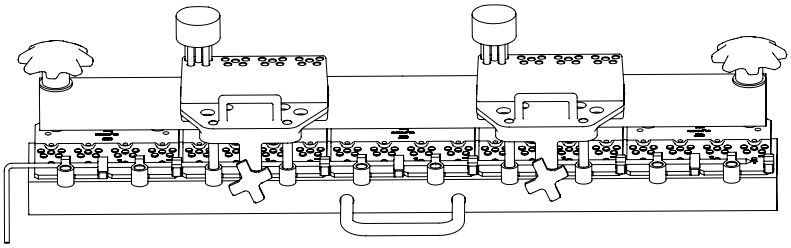
(**NOTE:** For installation of R5, R5-1/2, and R6 Fasteners.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 30″ | 750 | MSRT-30 | 41041 | 63.0 |
| 36″ | 900 | MSRT-36 | 41042 | 70.0 |
| 42″ | 1050 | MSRT-42 | 41043 | 77.0 |
| 48″ | 1200 | MSRT-48 | 41044 | 85.0 |
| 60″ | 1500 | MSRT-60 | 41046 | 93.0 |
| 72″ | 1800 | MSRT-72 | 41047 | 100.0 |
| 84″ | 2130 | MSRT-84 | 41048 | 110.0 |



4FH

SR-CB



### MSRT8 APPLICATOR COMPLETE

(**NOTE:** Installs R6, RAR6 & RAR8 fasteners only.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 48″ | 1200 | MSRT8-48 | 41032 | 85.0 |
| 60″ | 1500 | MSRT8-60 | 41033 | 93.0 |
| 72″ | 1800 | MSRT8-72 | 41034 | 100.0 |
| 84″ | 2130 | MSRT8-84 | 41035 | 110.0 |

### MSRT9 APPLICATOR COMPLETE

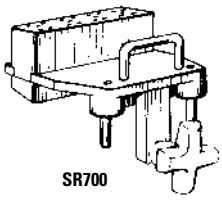
(**NOTE:** Installs R9 fasteners only.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 48″ | 1200 | MSRT9-48 | 40994 | 82.0 |
| 60″ | 1500 | MSRT9-60 | 40995 | 98.0 |
| 72″ | 1800 | MSRT9-72 | 40996 | 114.0 |
| 84″ | 2130 | MSRT9-84 | 40997 | 121.0 |

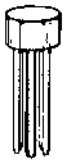
**NOTE:** Guide blocks cannot be used with rivet sizes J, K and L.

### MULTIPLE RIVET DRIVER COMPONENTS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Multiple Guide Block | SR700 | 41054 | 3.0 |
| Multiple 5 Prong Drive Rod | SR759 | 41055 | 1.0 |
| Multiple Guide Block - For R8 | SR800 | 41050 | 5.1 |
| 8 Prong Drive Rod | SR859-8 | 41068 | 1.2 |
| Multiple Guide Block - For R9 | SR900 | 41045 | 7.0 |
| 2 Prong Drive Rod | SR759-2 | 41058 | .9 |
| Silicone Lubricant | SL5-1 | 30932 | 1.4 |
| Four lb. Hammer | 4FH | 30435 | 5.3 |
| Six lb. Hammer | 6FH | 30375 | 7.3 |
| Canvas Bag | SR-CB | 41031 | 1.3 |



SR700



SR759

### *ALUMINUM* MSRT APPLICATOR COMPLETE

(Includes two SR700 Multiple Guide Blocks, two SR759 Multiple Drive Rods, two 4 lb. Hammers, Lubricant and one Canvas Carry Bag.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 30″ | 750 | MSRT-30-AL | 40771 | 57.0* |
| 36″ | 900 | MSRT-36-AL | 40773 | 63.0 |
| 42″ | 1050 | MSRT-42-AL | 40775 | 69.0 |
| 48″ | 1200 | MSRT-48-AL | 40776 | 76.0 |
| 60″ | 1500 | MSRT-60-AL | 40782 | 89.0 |
| 72″ | 1800 | MSRT-72-AL | 40783 | 105.0 |
| 84″ | 2130 | MSRT-84-AL | 40784 | 121.0* |
| 96″ | 2430 | MSRT-96-AL | 40785 | 137.0* |

### *ALUMINUM* MSRT8 APPLICATOR COMPLETE

(**NOTE:** Installs R6, RAR6 & RAR8 fasteners only.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 48″ | 1200 | MSRT8-48-AL | 41115 | 76.0 |
| 60″ | 1500 | MSRT8-60-AL | 41116 | 89.0 |
| 72″ | 1800 | MSRT8-72-AL | 41117 | 105.0 |
| 84″ | 2130 | MSRT8-84-AL | 41118 | 121.0* |
| 96″ | 2430 | MSRT8-96-AL | 41119 | 137.0* |

* Estimated weight

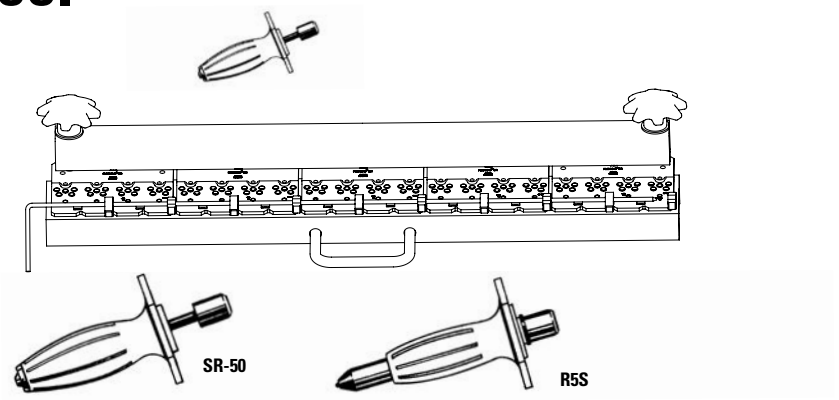
# INSTALLATION TOOLS

## Single Rivet Applicator Tool

### SRTA APPLICATOR COMPLETE

(Includes one SR-50 Driver Tool Complete)
(**NOTE:** For installation of R5, R5-1/2, and R6 Fasteners.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 30″ | 750 | SRTA-30 | 41213 | 35.0 |
| 36″ | 900 | SRTA-36 | 41214 | 41.8 |
| 42″ | 1050 | SRTA-42 | 41215 | 48.6 |
| 48″ | 1200 | SRTA-48 | 41216 | 55.8 |
| 60″ | 1500 | SRTA-60 | 41218 | 69.8 |
| 72″ | 1800 | SRTA-72 | 41219 | 83.0 |
| 84″ | 2130 | SRTA-84 | 41220 | 85.2 |




### SINGLE RIVET DRIVER TOOL

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Driver Tool Complete | SR-50 | 40510 | .8 |
| Drive Rod | SR5-7 | 40517 | .3 |

### RIVET SET*

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| R5S | 40348 | 1.9 |

*If no SRTA Application Tool is available, fasteners may be installed with an R5S Flexco Rivet Set. See Instruction Sheet No. RH315.

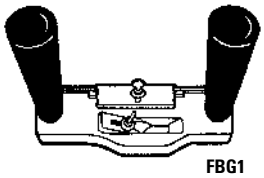
### METAL TOOL BOX FOR SR™ and BR™ APPLICATOR TOOLS

| DESCRIPTION | ORDERING NUMBER / ITEM CODE | WT. LBS. |
|---|---|---|
| 36″ Tool Box | 40988 | 41.2 |
| 42″ or 48″ Tool Box | 40990 | 48.2 |
| 60″ Tool Box | 40991 | 73.0 |

### FLEXCO® BELT GROOVER

**(7/16″ WIDE GROOVE PATH)**

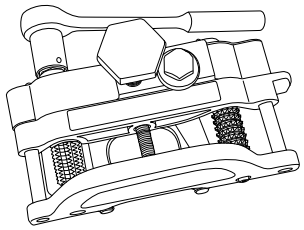
| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| FBG1 | 31978 | 1.8 |
| **EXTRA BLADES** | | |
| HSP3 | 31980 | .1 |




### FLEXCO® FSK™ BELT SKIVER

Width of Skive 2½″ (64 mm)

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Skiver Complete with Standard Blade | FSK-2 | 32051 | 20.7 |
| Sharpening Stone | | 31987 | 0.5 |
| STK Tool Box | | 50009 | 5.4 |
| **REPLACEMENT PARTS** | | | |
| Skiver Blade-Standard | FSK-1B | 31996 | 0.3 |
| Skiver Blade-High Wear | FSK-1BA | 31999 | 0.3 |
| Skiver Ratchet Assembly | FSK-1R | 31991 | 1.8 |
| Skiver Chain | FSK-1C | 31992 | 0.4 |
| Skiver Sprocket | FSK-1S | 31993 | 0.2 |
| Skiver Fence Assembly | FSK-2F | 32056 | 1.1 |
| Replacement Front Drive Roller Assembly | FSK2-FDRA | 32052 | 0.6 |



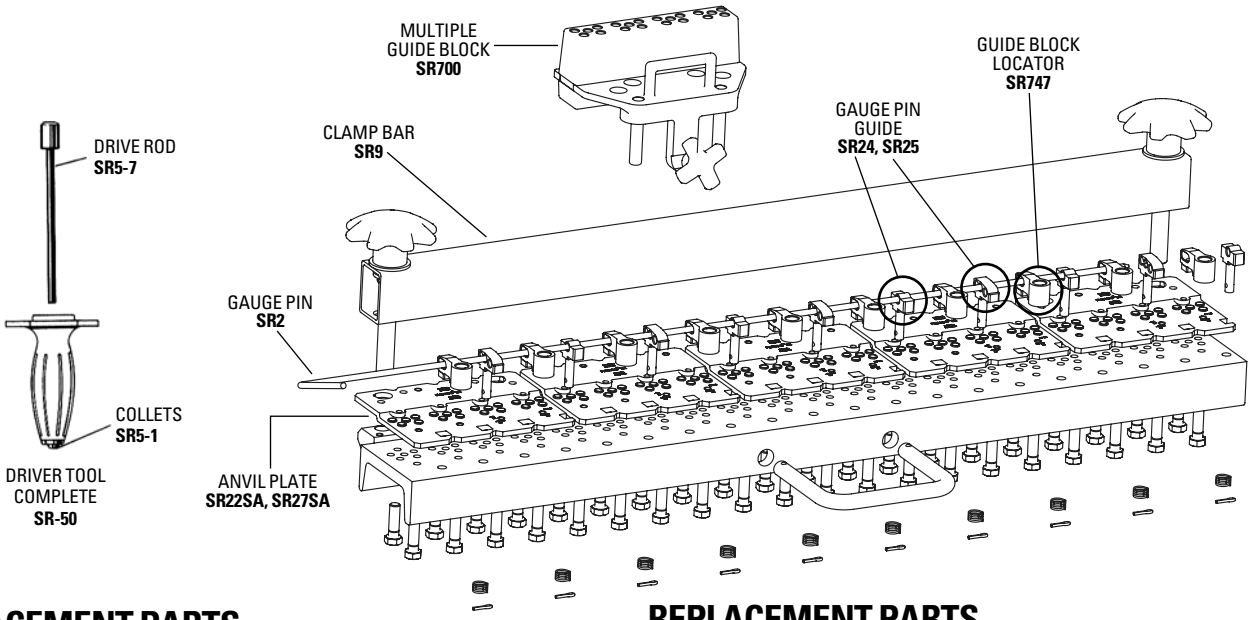
**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available.
Request quote for price and delivery.

### BELT CUTTERS

Please refer to page 84.




## REPLACEMENT PARTS FOR SRT, SRTA, MSRT TOOLS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Gauge Pin Guide with Spring and Cotter Pin-one hole | SR24 | 40503 | .1 |
| Gauge Pin Guide with Spring and Cotter Pin-3 hole | SR25 | 40504 | .1 |
| End Avil Plate | SR22SAE | 41960 | 1.70 |
| Middle Anvil Plate | SR22SAM | 41961 | 1.70 |
| MSRT8 End Anvil Plate | SR27SAE | 41962 | 1.70 |
| MSRT8 Middle Anvil Plate | SR27SAM | 41963 | 1.70 |
| Anvil Plate Screws (50/Package) | BRPS | 40908 | .7 |
| Tightening Bolt Complete | SR23 | 40502 | .2 |
| Rivet Guide Locator Assembly | SR747 | 41056 | .2 |
| Clamping Screw | SR757 | 41057 | .1 |
| Collets–Set of Two | SR5-1 | 40511 | .1 |
| Gauge Pin for 30" Tool | SR2-30 | 40482 | .5 |
| Gauge Pin for 36" Tool | SR2-36 | 40483 | .6 |
| Gauge Pin for 42" Tool | SR2-42 | 40484 | .7 |
| Gauge Pin for 48" Tool | SR2-48 | 40485 | .8 |
| Gauge Pin for 60" Tool | SR2-60 | 40487 | 1.0 |
| Gauge Pin for 72" Tool | SR2-72 | 40488 | 1.2 |
| Gauge Pin for 84" Tool | SR2-84 | 40489 | 1.5 |

## PARTS REQUIRED TO SPAN THE ENTIRE WIDTH OF SRTA OR MSRT TOOLS

| BELT WIDTH | | SR700 | SR747 | SR24 | SR25 | SR22SA |
|---|---|---|---|---|---|---|
| in. | mm. | MULTIPLE GUIDE BLOCKS | RIVET GUIDE LOCATOR ASSEMBLIES | GAUGE PIN GUIDE | GAUGE PIN GUIDE | ANVIL PLATE COMPLETE |
| 30 | 750 | 5 | 10 | 4 | 5 | 5 |
| 36 | 900 | 6 | 12 | 5 | 6 | 6 |
| 42 | 1050 | 7 | 14 | 6 | 7 | 7 |
| 48 | 1200 | 8 | 16 | 7 | 8 | 8 |
| 60 | 1500 | 10 | 20 | 9 | 10 | 10 |
| 72 | 1800 | 12 | 24 | 11 | 12 | 12 |
| 84 | 2130 | 14 | 28 | 13 | 14 | 14 |

## REPLACEMENT PARTS FOR *ALUMINUM* MSRT TOOL

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Guide Locator | SR747-AL | 43022 | .2 |
| Gauge Pin Guide | SR25-AL | 43023 | .1 |
| Gauge Pin Guide | SR24-AL | 43024 | .1 |
| Anvil Plate-5 Hole | SR22SAAL | 43061 | 1.7 |
| Anvil Plate-8 Hole | SR27SAAL | 43062 | 2.5 |
| Anvil Plate Screws | SRPS-AL | 43027 | .7 |
| Gauge Pin for 30" Tool | SR2-30-AL | 43038 | .5 |
| Gauge Pin for 36" Tool | SR2-36-AL | 43039 | .6 |
| Gauge Pin for 42" Tool | SR2-42-AL | 43040 | .7 |
| Gauge Pin for 48" Tool | SR2-48-AL | 43041 | .8 |
| Gauge Pin for 60" Tool | SR2-60-AL | 43042 | 1.0 |
| Gauge Pin for 72" Tool | SR2-72-AL | 43043 | 1.2 |
| Gauge Pin for 84" Tool | SR2-84-AL | 43044 | 1.5 |
| Gauge Pin for 96" Tool | SR2-96-AL | 43045 | 2.0 |
| Clamp Bar Nut W/Screws | SR91-AL | 43029 | .5 |
| Cambored Clamp Bar Assembly for 30" Tool | SR9-30-AL | 43030 | 3.8 |
| Cambored Clamp Bar Assembly for 36" Tool | SR9-36-AL | 43031 | 4.1 |
| Cambored Clamp Bar Assembly for 42" Tool | SR9-42-AL | 43032 | 5.3 |
| Cambored Clamp Bar Assembly for 48" Tool | SR9-48-AL | 43033 | 6.2 |
| Cambored Clamp Bar Assembly for 60" Tool | SR9-60-AL | 43034 | 6.8 |
| Cambored Clamp Bar Assembly for 72" Tool | SR9-72-AL | 43035 | 7.5 |
| Cambored Clamp Bar Assembly for 84" Tool | SR9-84-AL | 43036 | 7.9 |
| Cambored Clamp Bar Assembly for 96" Tool | SR9-96-AL | 43037 | 8.5 |

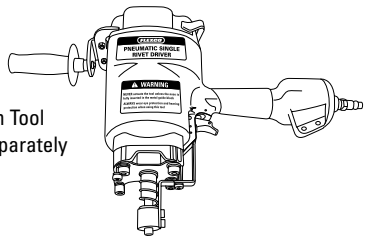
# POWER INSTALLATION TOOLS

## PNEUMATIC SINGLE RIVET DRIVER

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Pneumatic Single Rivet Driver* | PNEUDRIVE1 | 41992 | 44.0 |
| 8 Rivet Pattern SR™ Steel Guide Blocks | 35RD-GB8-4 | 41998 | 12.0 |
| 5 Rivet Pattern SR™ Steel Guide Blocks | 35RD-GB5-4 | 42000 | 10.0 |
| Nose Piece | PDNP | 41999 | 3.1 |
| Nose Piece Safety | PDNPS | 42036 | 0.8 |
| Tool Bumper | PDBUMP | 42037 | 0.4 |
| O-Ring Kit | PDORING | 42038 | 0.2 |
| Handle | PDHANDLE | 42039 | 0.2 |
| HARDWARE Kit-screwa | PDHK | 42040 | 0.6 |
| CYLINDER | PDCYL | 42041 | 1.2 |
| Nose Spring | PDNSS | 42042 | 0.1 |
| Piston Rod | PDPR | 42043 | 1.0 |
| Trigger Valve | PDTVA | 42044 | 0.1 |
| Regulator Kit | FPD-RK | 43008 | 7.8 |

*Includes one Pneumatic Single Rivet Driver, one Regulator, one Airhose, Instruction Manual, and Safety Glasses.

- Works with Standard MSRT Application Tool
- Works with steel guide blocks –sold separately
- Works with Rapid Loader™ Rivet Strips with washers

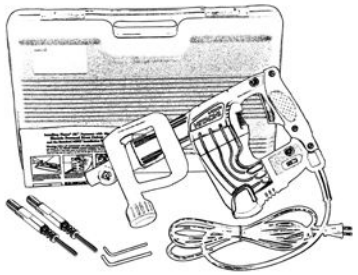



## ELECTRIC POWERED RIVET DRIVER KIT

(*Kit includes Driver, two Custom Drive Rods, Convenient Carrying Case)

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Standard Kit * | EPRDVSK-1 | 41077 | 15.0 |
| Replacement Drive Rod | EPRDVS-DR | 41078 | 2.0 |

- For use with standard 110 volt electric
- Works with standard MSRT application tool and guide block

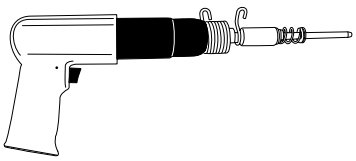


## AIR POWERED RIVET DRIVER

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Air Powered Rivet Driver-Complete* | PTRDK | 41835 | 5.0 |
| **REPLACEMENT PARTS** | | | |
| Air Powered Rivet Driver | PTAH | 41834 | 4.5 |
| Retaining Spring | PTRD-RS | 41837 | 0.3 |
| Drive Rod with Hold Down Spring and Washer | PTRD-DR | 41777 | 1.0 |
| Hold Down Spring and Washer | DR-SW | 41836 | 0.1 |

*Includes Air Powered Rivet Driver, Retaining Spring, and Drive Rod with Hold Down Spring and Washer.

- Requires a minimum 90 psi for operation
- Works with standard MSRT application tool and guide block



**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

## How Flexco® Bolt Solid Plate Fasteners Work

Strength of this fastener is derived from the compression of the plates, mounted above and below the belt, with high tensile strength bolts. This "compression" distributes the splice tension across the full width of each fastener plate. The holding ability is, thereby, increased by not solely relying upon the bolts to resist pull-out.

Additional strength and resistance to pull-out is obtained from the specially formed teeth on each plate. These teeth imbed deep into the belt carcass, without damaging the carcass fibers.

A tight butt splice is achieved through the exaggerated bolt hole spacing in the templet which forces the belt end together. Flexco® Bolt Solid Plate Fasteners permit natural conformance with troughing or transition idlers.

140, 190 and 2-1/2 size fasteners are specifically designed for thinner belting, allowing increased compression, greater reach-back, and more fastener plates per belt width.

### Applications

Higher-tension main haulage belts in

- Coal
- Hard-Rock Mining
- Foundries
- Grain Elevators
- Aggregate Plants
- Steel Mills

### Installation Method

Holes are punched in belt quickly and accurately with a templet and boring tool. Fasteners are installed on-site with portable, hand, or power tools.

### What You Need for Installation

- Fastener Plates
- Bolts & Nuts
- Templet
- Belt Punch
- Wrench
- Bolt Horn
- Flexco Installation Tool
- Impact Tool or Carpenter's Brace

### How to Specify the Correct Flexco® Bolt Solid Plate Fastener

1. Determine Belt Tension (PIW).
2. Measure your Belt Thickness.
3. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
4. Choose the fastener size that is appropriate for your specifications in the selection chart below.

### Fastener Metal Selection

**Steel.** For most applications, steel is recommended.
**MegAlloy®.** For superior resistance to wear and abrasion.
**Stainless Steel.** Type 316 Stainless Steel provides extra resistance to abrasion, magnetic attraction and corrosion from acids and chemicals.
**Everdur®.** Spark-free material compared to steel and fully non-magnetic.
**Flexco® VP™.** Rubber covered steel top plates.
**Promal.** For superior abrasion resistance. Some minor chemical and corrosion resistance.

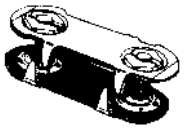
### Hinge Pin Selection

No Hinge Pin Required.

## Flexco® Bolt Solid Plate Fastener Selection Chart

| Fastener Size | For Belts With Mechanical Fastener Ratings Up To: | | Belt Thickness Range | | Recommended Min. Pulley Diameter (90°) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Operating Tension 75-100% of Belt Rating | | Operating Tension 50-75% of Belt Rating | | Operating Tension Under 50% of Belt Rating | |
| | P.I.W. | kN/m | in. | mm | in. | mm | in. | mm | in. | mm |
| 1 | 150 | 30 | 3/16-7/16 | 5-11 | 12 | 300 | 10 | 260 | 8 | 200 |
| 140*, 140VP | 225 | 40 | 3/16-7/16 | 5-11 | 14 | 360 | 12 | 300 | 10 | 250 |
| 190,190VP | 375 | 65 | 5/16-9/16 | 8-14 | 18 | 460 | 16 | 410 | 14 | 360 |
| 1-1/2 | 300 | 50 | 7/16-11/16 | 11-17 | 18 | 460 | 16 | 410 | 14 | 360 |
| 2,2VP | 440 | 75 | 9/16-13/16 | 14-21 | 30 | 760 | 28 | 710 | 24 | 610 |
| 2-1/4 | 620 | 105 | 9/16-1-3/16 | 14-30 | 36 | 920 | 34 | 860 | 34 | 860 |
| 2-1/2 | 450 | 75 | 3/4-1 | 19-25 | 42 | 1070 | 42 | 1070 | 42 | 1070 |
| 3 | 560 | 100 | 15-16 & over | 24 & over | 48 | 1220 | 48 | 1220 | 48 | 1220 |

# Flexco® Bolt Solid Plate Fasteners



## FASTENERS

### "E" BOX 25 FASTENER SETS

**Exclusive Piloted Bolt Design Simplifies Installation:**
*The new piloted bolt is currently being phased in to replace standard bolt designs.*
*To order the new piloted bolts as they become available, use standard bolt ordering numbers.*

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **STEEL** | |
| 1E | 20002 |
| 140E | 20000 |
| 190E | 20001 |
| 1-1/2E | 20004 |
| 2E | 20005 |
| 2-1/4E | 20006 |
| 2-1/2* | 20007 |
| 3* | 20008 |

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **MEGALLOY® TOP & BOTTOM PLATES, STEEL BOLTS & NUTS** | |
| 140EMAP | 20364 |
| 190EMAP | 20365 |
| 1-1/2EMAP | 20366 |
| 2EMAP | 20367 |
| 2-1/4EMAP | 20368 |

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **STAINLESS – 300 SERIES** | |
| 140ES | 20034 |
| 190ES | 20035 |
| 1-1/2ES | 20038 |
| 2ES | 20039 |
| 2-1/4ES | 20040 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **EVERDUR** | | |
| | | 2.9 |
| 140EE | 20090 | 4.6 |
| 190EE | 20091 | 4.8 |
| 1-1/2EE | 20094 | 5.9 |
| 2EE | 20095 | 8.0 |
| 2-1/4EE | 20096 | 10.8 |
| | | 6.4 |
| | | 7.0 |

*10 Fastener Sets

### "E" BOX 25 FASTENER SETS

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **PROMAL TOP PLATES BALANCE STEEL** | |
| 140EP | 20164 |
| 1-1/2EP | 20168 |
| 2EP | 20169 |

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **MEGALLOY® TOP PLATES BALANCE STEEL** | |
| 140EMA | 20330 |
| 190EMA | 20331 |
| 1-1/2EMA | 20334 |
| 2EMA | 20335 |
| 2-1/4EMA | 20336 |

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **300 SERIES STAINLESS TOP PLATES, BALANCE STEEL** | |
| 140EST | 20118 |
| 190EST | 20119 |
| 1-1/2EST | 20122 |
| 2EST | 20123 |
| 2-1/4EST | 20124 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **1/8" RUBBER-COVERED T.P. BALANCE STEEL** | | |
| 2-1/4ERCT | 20191 | 10.3 |

### "C" BUCKET (100 FASTENER SETS – BOTTOM PLATES PRE-ASSEMBLED)

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **STEEL** | |
| 1C | 20014 |
| 140C | 20012 |
| 190C | 20013 |
| 1-1/2C | 20016 |
| 2C | 20017 |
| 2-1/4C | 20018 |
| 2-1/2L* | 20052 |
| 3L* | 20053 |

| ORDERING NUMBER | ITEM CODE |
|---|---|
| **MEGALLOY® TOP PLATES BALANCE STEEL** | |
| 1CMA | 20327 |
| 140CMA | 20340 |
| 190CMA | 20341 |
| 1-1/2CMA | 20344 |
| 2CMA | 20345 |
| 2-1/4CMA | 20346 |

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **MEGALLOY® TOP & BOTTOM PLATES, STEEL BOLTS & NUTS** | | |
| | | 10.9 |
| 140CMAP | 20370 | 15.7 |
| 190CMAP | 20371 | 18.5 |
| 1-1/2CMAP | 20372 | 21.9 |
| 2CMAP | 20373 | 30.3 |
| | | 42.3 |
| | | 32.0 |
| | | 34.9 |

*L Buckets are in quantities of 50.

**NOTE:** Stainless and Everdur fastener sets are also available in "C" Buckets.

### FASTENER SETS

REQUIRED FOR VARIOUS BELT WIDTHS

| BELT WIDTH | | FASTENER SIZE 1, 140 & 190 | | | | FASTENER SIZE 1-1/2, 2 & 2-1/4 | | | | FASTENER SIZE 2-1/2 & 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 90° | | 45° | | 90° | | 45° | | 90° | | 45° | |
| in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm |
| 12 | 300 | 10 | 9 | 12 | 12 | 8 | 8 | 9 | 10 | 6 | 6 | 7 | 7 |
| 18 | 450 | 15 | 14 | 19 | 19 | 12 | 11 | 15 | 15 | 9 | 9 | 12 | 12 |
| 24 | 600 | 20 | 19 | 26 | 26 | 16 | 15 | 21 | 21 | 12 | 13 | 17 | 16 |
| 30 | 750 | 25 | 24 | 33 | 33 | 20 | 19 | 27 | 27 | 16 | 16 | 21 | 21 |
| 36 | 900 | 30 | 29 | 41 | 40 | 24 | 23 | 33 | 32 | 19 | 19 | 26 | 26 |
| | 1000 | | 32 | | 45 | | 26 | | 36 | | 21 | | 29 |
| 42 | 1050 | 35 | 34 | 48 | 47 | 28 | 27 | 39 | 38 | 22 | 21 | 31 | 30 |
| 48 | 1200 | 40 | 39 | 55 | 54 | 32 | 31 | 44 | 43 | 26 | 26 | 35 | 35 |
| 54 | 1350 | 45 | 44 | 63 | 61 | 36 | 35 | 48 | 49 | 29 | 29 | 40 | 40 |
| 60 | 1500 | 50 | 49 | 69 | 68 | 40 | 39 | 56 | 55 | 32 | 32 | 44 | 44 |
| 72 | 1800 | 61 | 59 | 83 | 82 | 48 | 49 | 68 | 65 | 39 | 39 | 53 | 53 |

**NOTE:** Required fastener sets may vary from those listed depending on exact fastener size.

### FLEXCO® VP™ FASTENERS

| RUBBER COVERED TOP PLATES BALANCE STEEL | | | |
|---|---|---|---|
| **BOX*** | | | |
| **ORDERING NUMBER** | **ITEM CODE** | **PLATES PER STRIP** | **STRIPS PER BOX** |
| 140VP | 20057 | 6 | 5 |
| 190VP | 20056 | 6 | 5 |
| 2VP | 20058 | 4 | 6 |
| **BUCKET** | | | |
| 140VPB | 20061 | 6 | 16 |
| 190VPB | 20059 | 6 | 16 |
| 2VPB | 20083 | 4 | 24 |

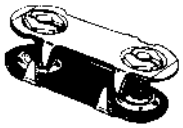
| RUBBER COVERED TOP PLATES MEGALLOY® BOTTOM PLATES | | | |
|---|---|---|---|
| **BOX*** | | | |
| **ORDERING NUMBER** | **ITEM CODE** | **PLATES PER STRIP** | **STRIPS PER BOX** |
| 140VPMA | 20081 | 6 | 5 |
| 190VPMA | 20060 | 6 | 5 |
| **BUCKET** | | | |
| 140VPBMA | 20082 | 6 | 16 |
| 190VPBMA | 20080 | 6 | 16 |

*Box quantities provide enough fasteners to splice a 36" (900 mm) belt.

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production.
In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available.
Request quote for price and delivery.



# Flexco® Bolt Solid Plate Fasteners

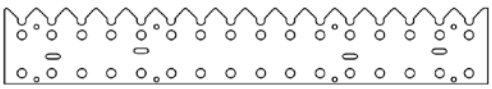
# INSTALLATION TOOLS

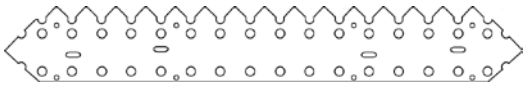
## 90° TEMPLETS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|---|
| in. | mm | 1 | | 140 | | 190 | | |
| 12″ | 300 | 1-12 | 30516 | 140-12 | 30483 | 190-12 | 30500 | 1.3 |
| 14″ | 350 | 1-14 | 30517 | 140-14 | 30484 | 190-14 | 30501 | 1.5 |
| 16″ | 400 | 1-16 | 30518 | 140-16 | 30485 | 190-16 | 30502 | 1.7 |
| 18″ | 450 | 1-18 | 30519 | 140-18 | 30486 | 190-18 | 30503 | 1.9 |
| 20″ | 500 | 1-20 | 30520 | 140-20 | 30487 | 190-20 | 30504 | 2.1 |
| 24″ | 600 | 1-24 | 30521 | 140-24 | 30488 | 190-24 | 30505 | 2.6 |
| 26″ | 650 | | | | | 190-26 | 30506 | 2.6 |
| 28″ | 700 | | | | | 190-28 | 30507 | 3.0 |
| 30″ | 750 | 1-30 | 30524 | 140-30 | 30491 | 190-30 | 30508 | 3.3 |
| 36″ | 900 | 1-36 | 30525 | 140-36 | 30492 | 190-36 | 30509 | 3.9 |
| 42″ | 1050 | 1-42 | 30526 | 140-42 | 30493 | 190-42 | 30510 | 4.5 |
| 48″ | 1200 | 1-48 | 30527 | 140-48 | 30494 | 190-48 | 30511 | 4.8 |
| 60″ | 1500 | | | | | 190-60 | 30513 | 5.9 |
| | | | | 1-1/2 | | 2 | | |
| 12″ | 300 | | | 1-1/2-12 | 30548 | 2-12 | 30564 | 1.2 |
| 18″ | 450 | | | 1-1/2-18 | 30551 | 2-18 | 30567 | 1.9 |
| 20″ | 500 | | | 1-1/2-20 | 30552 | | | 1.8 |
| 24″ | 600 | | | 1-1/2-24 | 30553 | 2-24 | 30569 | 2.5 |
| 30″ | 750 | | | 1-1/2-30 | 30556 | 2-30 | 30572 | 3.1 |
| 36″ | 900 | | | 1-1/2-36 | 30557 | 2-36 | 30573 | 3.8 |
| 42″ | 1050 | | | 1-1/2-42 | 30558 | 2-42 | 30574 | 4.4 |
| 48″ | 1200 | | | 1-1/2-48 | 30559 | 2-48 | 30575 | 5.2 |
| 54″ | 1350 | | | 1-1/2-54 | 30560 | 2-54 | 30576 | 5.6 |
| 60″ | 1500 | | | 1-1/2-60 | 30561 | 2-60 | 30577 | 6.6 |
| 72″ | 1800 | | | 1-1/2-72 | 30562 | 2-72 | 30578 | 7.2 |
| 2-1/4 | | | | 2-1/2 | | 3 | | |
| 20″ | 500 | | | 2-1/2-20 | 30600 | | | 2.9 |
| 24″ | 600 | 2-1/4-24 | 30585 | 2-1/2-24 | 30601 | | | 3.5 |
| 30″ | 750 | 2-1/4-30 | 30588 | 2-1/2-30 | 30604 | | | 4.4 |
| 36″ | 900 | 2-1/4-36 | 30589 | 2-1/2-36 | 30605 | 3-36 | 30620 | 5.3 |
| 42″ | 1050 | 2-1/4-42 | 30590 | 2-1/2-42 | 30606 | 3-42 | 30621 | 6.2 |
| 48″ | 1200 | 2-1/4-48 | 30591 | 2-1/2-48 | 30607 | 3-48 | 30622 | 7.1 |
| 54″ | 1350 | 2-1/4-54 | 30592 | 2-1/2-54 | 30608 | | | 7.9 |
| 60″ | 1500 | 2-1/4-60 | 30593 | 2-1/2-60 | 30609 | 3-60 | 30624 | 8.8 |
| 72″ | 1800 | 2-1/4-72 | 30594 | 2-1/2-72 | 30610 | 3-72 | 30625 | 10.6 |

## 45° TEMPLETS

| ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|
| 1 | | 140 | | 190 | | |
| 1-12-45 | 30673 | | | | | 1.1 |
| 1-18-45 | 30676 | | | 190-18-45 | 30661 | 2.3 |
| 1-24-45 | 30678 | 140-24-45 | 30647 | 190-24-45 | 30663 | 3.0 |
| 1-30-45 | 30681 | 140-30-45 | 30650 | 190-30-45 | 30666 | 3.7 |
| 1-36-45 | 30682 | 140-36-45 | 30651 | 190-36-45 | 30667 | 4.5 |
| | | 140-42-45 | 30652 | 190-42-45 | 30668 | 5.2 |
| 1-48-45 | 30684 | 140-48-45 | 30653 | 190-48-45 | 30669 | 6.0 |
| | | 140-60-45 | 30655 | 190-60-45 | 30671 | 7.5 |
| | | 1-1/2 | | 2 | | |
| | | 1-1/2-18-45 | 30707 | | | 2.0 |
| | | 1-1/2-24-45 | 30709 | 2-24-45 | 30725 | 3.0 |
| | | 1-1/2-30-45 | 30712 | 2-30-45 | 30728 | 3.7 |
| | | 1-1/2-36-45 | 30713 | 2-36-45 | 30729 | 5.3 |
| | | 1-1/2-42-45 | 30714 | 2-42-45 | 30730 | 5.2 |
| | | 1-1/2-48-45 | 30715 | | | 6.0 |
| | | 1-1/2-60-45 | 30717 | 2-60-45 | 30733 | 7.5 |

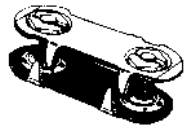




**Stock Items** (non-shaded) carried in factory inventory.

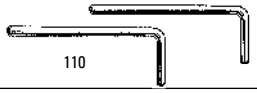
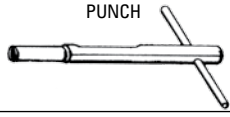
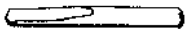
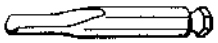
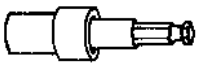
**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.



# INSTALLATION TOOLS

## HAND & POWER TOOLS

| | DESCRIPTION | FOR FASTENER NUMBER | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| HAND TOOLS | BOLT HORN | | 2BH | 30480 | .1 |
| | BOLT BREAKER (Two Per Package)  110 | 1,140,190 & RP1 | 110 | 30474 | 1.2 |
| | | 1½, 2, 2¼ & RP2 | 112* | 30475 | 1.4 |
| | | 2½ & 3 | 113* | 30479 | 2.0 |
| | PUNCH  | 1,140,190 & RP1 | P1P | 30460 | .1 |
| | | 1½, 2, 2¼ & RP2 | P2P | 30461 | .2 |
| | | 2½ & 3 | P3P | 30462 | .3 |
| | BORING BIT  | 1,140,190 & RP1 | B1B | 30468 | .1 |
| | | 1½, 2, 2¼ & RP2 | B2B | 30469 | .1 |
| | | 2½ & 3 | B3B | 30470 | .1 |
| | WRENCH | 1,140,190 & RP1 | S1S** | 30442 | .2 |
| | | 1½, 2, 2¼ & RP2 | S2S | 30443 | .2 |
| | | 2½ & 3 | S3S | 30444 | .2 |
| POWER TOOLS | POWER PUNCH | 1,140,190 & RP1 | HP1 | 30463 | .2 |
| | | 1½, 2, 2¼ & RP2 | HP2 | 30464 | .2 |
| | | 2½ & 3 | HP3 | 30465 | .2 |
| | POWER BORING BIT  | 1,140,190 & RP1 | HB1 | 30471 | .1 |
| | | 1½, 2, 2¼ & RP2 | HB2 | 30472 | .1 |
| | | 2½ & 3 | HB3 | 30473 | .1 |
| | POWER WRENCH  GREEN | 1,140,190 & RP1 | HW1** | 30447 | .3 |
| | RED | 1½, 2, 2¼ & RP2 | HW2 | 30448 | .3 |
| | BLUE | 2½ & 3 | HW3 | 30449 | .4 |
| | QUICK CHANGE CHUCK | | 5552 | 30481 | .4 |
| | 1/2" IMPACT TOOL | | 30453 | 30453 | 8.9 |

*Sizes 112 & 113 are straight bolt breakers – no bend.
**For use with slotted nuts only.

## NAILS FOR TEMPLETS

| FOR USE WITH TEMPLETS | ORDERING NUMBER | ITEM CODE | WT. LBS. | NAILS/PKG. (Approx.) |
|---|---|---|---|---|
| #1-1/2, 2, 2-1/4, 2-1/2 & 3 | 8D | 30437 | 1.0 | 90 |

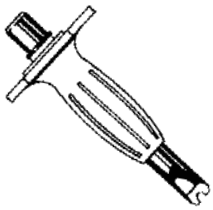
## FLEXCO-LOK®

Belt tape 100' per carton

| FASTENER SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. | TAPE WIDTH |
|---|---|---|---|---|
| Nos. 140, 1 | FL7C | 30888 | .8 | 7/16" |
| Nos. 190 | FL11C | 30889 | 1.0 | 11/16" |
| 1-1/2, 2, 2-1/4 | | | | |

## CRACKING CHISEL

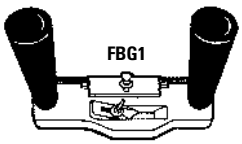
| NUT SIZE | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| 1, 140 or 190 | C1C | 30438 | 1.2 |
| 1-1/2, 2, 2-1/4 | C2C | 30439 | 1.2 |
| 2-1/2-3 | C3C | 30499 | 1.6 |



## FLEXCO® BELT GROOVER

(7/16" wide groove path)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| FBG1 | 31978 | 1.8 |
| **EXTRA BLADES** | | |
| HSP3 | 31980 | .1 |

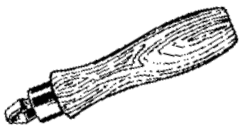


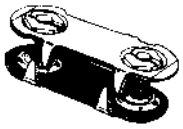

## FLEXCO® SILICONE LUBRICANT

| ORDERING NUMBER | ITEM CODE | PKG. QTY. | WT. LBS. |
|---|---|---|---|
| SL5-1 | 30932 | 1 | 1.4 |

## FLEXCO® BELT IDENTIFICATION TOOL

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| BT-1 | 31075 | .06 |

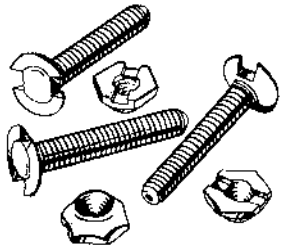




# Flexco® Bolt Solid Plate Fasteners

### Exclusive Piloted Bolt Design Simplifies Installation:

*The new piloted bolt is currently being phased in to replace standard bolt designs.*
*To order the new piloted bolts as they become available, use standard bolt ordering numbers.*



## EXTRA BOLTS PER 100

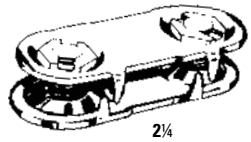
| FOR FASTENER NUMBER | ORDERING NUMBER / ITEM CODE | ORDERING NUMBER / ITEM CODE | ORDERING NUMBER / ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| | STEEL | STAINLESS – 300 SERIES | EVERDUR | |
| 1 | 20391 | | | |
| 140 & 190 | 20399 | 20400 | 20397 | 2.4 |
| RP1 | 20398 | | 20397 | 2.1 |
| 1-1/2, 2 & RP2 | 20406 | 20407 | 20409 | 4.1 |
| 2-1/4 | 20410 | 20411 | 20412 | 4.8 |
| 2-1/2 & 3 | 20414 | | | 7.2 |

## EXTRA NUTS PER 100

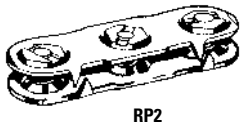
| FOR FASTENER NUMBER | ORDERING NUMBER / ITEM CODE | ORDERING NUMBER / ITEM CODE | ORDERING NUMBER / ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| | STEEL | STAINLESS – 300 SERIES | EVERDUR | |
| 1, 140, 190 & RP1 | 20377 | 20381 | 20387 | .8 |
| 1-1/2, 2, 2-1/4, & RP2 | 20378 | 20382 | 20388 | 1.1 |
| 2-1/2 & 3 | 20379 | | | 2.2 |

## RIP REPAIR FASTENERS

| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| STEEL | | | |
| RP1E | 20010 | 25 | 4.7 |
| RP1C | 20022 | 100 | 19.1 |
| RP2E | 20011 | 25 | 10.2 |
| RP2C | 20023 | 100 | 42.0 |
| 2-1/4E | 20006 | 25 | 10.6 |
| 2-1/4C | 20018 | 100 | 43.0 |
| STAINLESS | | | |
| RP1ES | 20041 | 25 | 4.9 |
| RP2ES | 20042 | 25 | 10.1 |
| 2-1/4ES | 20040 | 25 | 10.7 |
| EVERDUR | | | |
| 2-1/4EE | 20096 | 25 | 11.6 |



2¼



RP2

RP1

16

## RIP REPAIR SELECTION INFORMATION

| Belt Thickness | | Fastener Size |
|---|---|---|
| in. | mm. | |
| 3/8-9/16 | 10-14 | No. 16 |
| 1/4-1/2 | 6-13 | RP1 |
| 3/8-13/16 | 10-21 | RP2 |
| 9/16-1-3/16 | 14-30 | 2-1/4 |

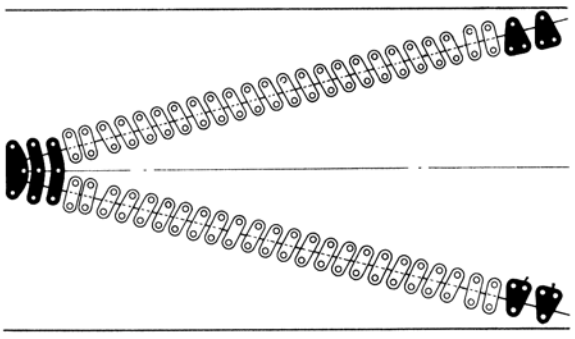
## TURTLE® FASTENER–STEEL

| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| 16 | 20206 | 50 | 4.3 |

## WEDLOK®

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Splice Kit* | 2W | 20200 | 4.0 |
| Stainless Splice Kit | 2WS | 20201 | 4.0 |
| Leading End Kit | 2WL | 20202 | 3.0 |
| Trailing End Kit | 2WT | 20203 | 2.9 |
| Templet Set | T2W | 20204 | 6.3 |
| 72" Side Templet | T2WS72 | 20205 | 7.6 |

*Stainless Top Plates, Balance Steel.



**WEDLOK SPLICE KIT**

**Stock Items** (non-shaded) carried in factory inventory.

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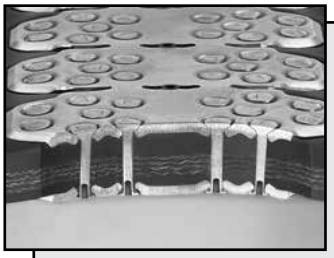
**Non-Listed Items** are available.
Request quote for price and delivery.



# How Flexco® Rivet Solid Plate Fasteners Work

The Flexco® BR™ fastener offers longer service life in demanding, higher-tension applications and is an excellent replacement for vulcanized splicing in a wide range of industries.

Designed for high strength synthetic carcass belting, the fastener is installed with a staggered pattern of rivets to ensure maximum grip on the belt fibers. Working between these fibers without severing them, the strength of the belt is left intact. The specially-shaped head of each pilot nail works with the installation tool's anvil plate to "self-set" the rivets.

The same hammer blows that drive and set the rivets also tightly compress the fastener plates for the strongest possible splice. The broad width and heavy gauge of the plates give extended wear life. These plates compress uniformly and are specially coined so there are no high spots or edges to hang up.



## Applications

- Sand
- Gravel
- Crushed Stone
- Grain
- Coal
- Cement
- Salt

## Installation Method

Designed for fast, simple installation. All that is needed is a hammer and the portable MBRT tool. Belt ends and fastener strip are held in proper alignment. Upon proper alignment, the rivets can be hammer-driven and set from the top side of belt.

## What You Need for Installation

- Fasteners
- Rivets
- Flexco Installation Tool
- Hammer

## How to Specify the Correct Flexco® Rivet Solid Plate Fastener

1. Determine Belt Tension (PIW).
2. Measure your Belt Thickness.
3. Measure the Diameter of the Smallest Pulley in your Drive with Belt Wrap more than 90°.
4. Choose the fastener size that is appropriate for your specifications in the selection chart below.

## Fastener Metal Selection

**Steel.** For most applications, plated steel is recommended.

**MegAlloy®.** For superior resistance to wear and abrasion.

**Stainless Steel.** Type 316 Stainless Steel provides extra resistance to abrasion, magnetic attraction and corrosion from acids and chemicals.

**Everdur®.** Spark-free material compared to steel and fully non-magnetic.

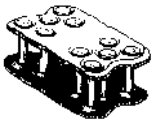
## Hinge Pin Selection

No Hinge Pin Required.

## Flexco® Rivet Solid Plate Fastener Selection Chart

| Fastener Size | For Belts With Mechanical Fastener Ratings Up To: | | Belt Thickness Range | | Recommended Min. Pulley Diameter | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Operating Tension 75-100% of Belt Rating | | Operating Tension 50-75% of Belt Rating | | Operating Tension Under 50% of Belt Rating | |
| | P.I.W. | kN/m | in. | mm | in. | mm | in. | mm | in. | mm |
| BR6 | 400* | 70* | 1/4-21/32 | 6.5-17 | 14 | 350 | | | | |
| BR10 | 650 | 114 | 7/32-11/16 | 6-17 | 18 | 450 | 16 | 400 | 14 | 350 |
| BR14 | 800 | 140 | 13/32-15/16 | 10-24 | 36 | 900 | 34 | 860 | 34 | 860 |

* Contact Flexco Engineering for applications greater than 400 PIW (70kN/m).



# Flexco®BR™ Rivet Solid Plate Fasteners

## FASTENERS

Order each component separately for a complete splice: Fasteners + Rivets

**NOTE:**
*In most cases, fastener strip length is not equal to belt width. Order by belt width.*

### FLEXCO® BR6 FASTENERS

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | STEEL | | |
| 24 | 600 | BR6-SE-24 | 40658 | 4.6 |
| 30 | 750 | BR6-SE-30 | 40682 | 5.7 |
| 36 | 900 | BR6-SE-36 | 40683 | 7.0 |
| 42 | 1050 | BR6-SE-42 | 40684 | 8.0 |
| STAINLESS | | | | |
| 24 | 600 | BR6S-SE-24 | 40769 | 4.6 |
| 30 | 750 | BR6S-SE-30 | 40787 | 5.7 |
| 36 | 900 | BR6S-SE-36 | 40790 | 6.9 |
| 42 | 1050 | BR6S-SE-42 | 40791 | 7.8 |

Each box of BR6 fasteners contains 4 fastener strips and hold down assembly clips.

### FLEXCO® BR6 MEGALLOY®

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| BR6MA-SE | 41776 | 5.5 |

Each box of BR6 MegAlloy contains Ten 9-Plate fastener strips for 60"/1500 mm of splicing.

### Fasteners and Rivets Required for one BR6 Joint

| BELT WIDTH | | FASTENER SETS REQUIRED | RIVETS REQUIRED |
|---|---|---|---|
| in. | mm | | |
| 24 | 600 | 18 | 108 |
| 30 | 750 | 22 | 132 |
| 36 | 900 | 27 | 162 |
| 42 | 1050 | 31 | 186 |
| 48 | 1200 | 36 | 216 |
| 60 | 1500 | 44 | 264 |
| 72 | 1800 | 54 | 324 |
| 84 | 2130 | 62 | 372 |
| 96 | 2430 | 72 | 432 |

### RIVET SELECTION CHART

| FASTENER SIZE | BELT THICKNESS RANGE | | RIVET SIZE |
|---|---|---|---|
| | in. | mm | |
| BR6 | 1/4 - 11/32 | 6.5-9 | A |
| | 5/16 – 13/32 | 8-10.5 | B |
| | 3/8 – 15/32 | 9.5 -12 | C |
| | 7/16 – 17/32 | 11-13.5 | C/D |
| | 1/2 – 19/32 | 13-15 | D |
| | 9/16 – 21/32 | 14-17 | E |
| BR10 | 7/32-5/16 | 6-8 | SRA |
| | 9/32-3/8 | 7-9.5 | SRB |
| | 11/32-7/16 | 9-11 | SRC |
| | 13/32-1/2 | 10-13 | SRC/D |
| | 15/32-9/16 | 12-14 | SRD |
| | 17/32-5/8 | 13.5-16 | SRE |
| | 19/32-11/16 | 15-17 | SRF |
| BR14 | 13/32-1/2 | 10-13 | SRD |
| | 15/32-9/16 | 12-14 | SRE |
| | 17/32-5/8 | 13.5-16 | SRF |
| | 19/32-11/16 | 15-17 | SRG |
| | 21/32-3/4 | 16-19 | SRH |
| | 23/32-13/16 | 18-21 | SRI |
| | 25/32-7/8 | 20-22 | SRJ |
| | 27/32-15/16 | 21-24 | SRK |

### FLEXCO® BR10 & BR14 FASTENERS

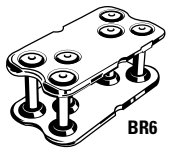
| FASTENER METAL | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| **BOX** (35 Fastener Sets) | | | |
| STEEL | BR-10-SE | 40750 | 8.0 |
| MEGALLOY® | BR-10MA-SE | 40752 | 7.9 |
| STAINLESS | BR-10S-SE | 40751 | 8.1 |
| EVERDUR | BR-10E-SE | 40753 | 7.9 |
| STEEL | BR-14 | 40755 | 12.9 |
| MEGALLOY® | BR-14MA | 40756 | 13.1 |

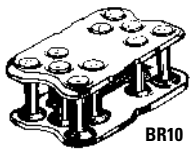
### ADDITIONAL FASTENER PARTS

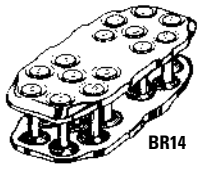
| DESCRIPTION | PKG. QTY. | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| Hold Down Clips for BR10 | 23 | BR101 | 40786 | .5 |
| Hold Down Clips for BR14 | 23 | BR141 | 40788 | .4 |
| Black Plastic Retainers | 49 | BR103 | 40789 | .1 |

### Flexco® Rivet Solid Plate Fasteners And Rivets Required For one BR10 or BR14 Joint and Various Belt Widths

| BELT WIDTH | | SETS OF BR-10 OR BR-14 FASTENERS REQUIRED | RIVETS NEEDED FOR COMPLETE SPLICE | |
|---|---|---|---|---|
| in. | mm | | BR-10 | BR-14 |
| 18 | 450 | 10 | 100 | 140 |
| 24 | 600 | 14 | 140 | 196 |
| 26 | 650 | 15 | 150 | 210 |
| 28 | 700 | 16 | 160 | 224 |
| 30 | 750 | 17 | 170 | 238 |
| 36 | 900 | 21 | 210 | 294 |
| | 1000 | 23 | 230 | 322 |
| 42 | 1050 | 24 | 240 | 336 |
| | 1200 | 27 | 270 | 378 |
| 48 | | 28 | 280 | 392 |
| 54 | 1350 | 31 | 310 | 434 |
| 60 | | 35 | 350 | 490 |
| | 1800 | 41 | 410 | 574 |
| 72 | | 42 | 420 | 588 |
| | 2100 | 48 | 480 | 672 |


BR6


BR10

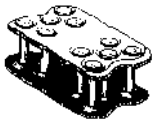

BR14

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

# Flexco®BR™ Rivet Solid Plate Fasteners



## RIVETS

Self-setting, pre-assembled with pilot nails

### STEEL

| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| **BOX** (100 Rivets) | | | |
| SRA-100 | 40539 | 100 | .9 |
| SRB-100 | 40540 | 100 | 1.0 |
| SRC-100 | 40541 | 100 | 1.1 |
| **BOX** (250 Rivets) | | | |
| SRA | 40527 | 250 | 2.3 |
| SRB | 40528 | 250 | 2.5 |
| SRC | 40529 | 250 | 2.6 |
| SRC/D | 40538 | 250 | 2.8 |
| SRD | 40530 | 250 | 2.9 |
| SRE | 40531 | 250 | 3.1 |
| SRF | 40532 | 250 | 3.1 |
| SRG | 40533 | 250 | 3.2 |
| SRH | 40534 | 250 | 3.4 |
| SRI | 40535 | 250 | 3.5 |
| SRJ | 40536 | 250 | 3.6 |
| SRK | 40537 | 250 | 3.7 |
| **BUCKET** (2000 Rivets) | | | |
| SRA-2M | 41190 | 2000 | 16.6 |
| SRB-2M | 41191 | 2000 | 18.1 |
| SRC-2M | 41192 | 2000 | 20.2 |
| SRC/D-2M | 41193 | 2000 | 21.2 |
| SRD-2M | 41194 | 2000 | 21.9 |
| SRE-2M | 41195 | 2000 | 23.1 |
| SRF-2M | 41196 | 2000 | 24.4 |
| SRG-2M | 41197 | 2000 | 24.9 |
| SRH-2M | 41198 | 2000 | 25.1 |
| SRI-2M | 41199 | 2000 | 25.9 |

### STAINLESS (TYPE 430)

| ORDERING NUMBER | ITEM CODE | BOX QTY. | WT. LBS. |
|---|---|---|---|
| **BOX** (250 Rivets) | | | |
| SRA-S | 40542 | 250 | 2.3 |
| SRB-S | 40543 | 250 | 2.5 |
| SRC-S | 40544 | 250 | 2.6 |
| SRC/D-S | 40548 | 250 | 2.8 |
| SRD-S | 40545 | 250 | 2.9 |
| SRE-S | 40546 | 250 | 3.1 |
| SRF-S | 40547 | 250 | 3.1 |
| SRG-S | 40523 | 250 | 3.2 |
| SRH-S | 40522 | 250 | 3.4 |
| SRI-S | 40506 | 250 | 16.7 |
| SRJ-S | 40507 | 250 | 18.4 |
| SRK-S | 40520 | 250 | 19.9 |
| SRL-S | 40519 | 250 | 4.2 |
| **BUCKET** (2000 Rivets) | | | |
| SRA-S-2M | 41200 | 2000 | 17.1 |
| SRB-S-2M | 41201 | 2000 | 18.9 |
| SRC-S-2M | 41202 | 2000 | 20.6 |
| SRC/D-S-2M | 41203 | 2000 | 21.3 |
| SRD-S-2M | 41204 | 2000 | 21.9 |
| SRE-S-2M | 41205 | 2000 | 22.9 |
| SRF-S-2M | 41206 | 2000 | 23.5 |
| SRG-S-2M | 41207 | 2000 | 24.7 |
| SRH-S-2M | 41208 | 2000 | 25.1 |
| SRI-S-2M | 41181 | 2000 | 26.3 |
| SRJ-S-2M | 41183 | 2000 | 27.5 |
| SRK-S-2M | 41185 | 2000 | 28.7 |
| SRL-S-2M | 41781 | 2000 | 29.9 |

## RAPID LOADER™ RIVET STRIPS

Self-setting, pre-assembled with pilot nails

### FOR FLEXCO® BR6

32 Strips/ 768 Rivets per Bucket

| DESCRIPTION | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| Size | Color Code | | | |
| **STEEL** | | | | |
| A | Red | CBR6A | 41785 | 10.5 |
| B | White | CBR6B | 41786 | 11.0 |
| C | Blue | CBR6C | 41788 | 11.0 |
| C/D | Orange | CBR6C/D | 41792 | 11.5 |
| D | Green | CBR6D | 41793 | 12.0 |
| E | Purple | CBR6E | 41794 | 12.0 |
| F | Yellow | | | |
| **STAINLESS (SERIES 400)** | | | | |
| A | Red | CBR6A-S | 41795 | 10.0 |
| B | White | CBR6B-S | 41796 | 10.5 |
| C | Blue | CBR6C-S | 41797 | 11.0 |
| C/D | Orange | CBR6C/D-S | 41798 | 11.5 |
| D | Green | CBR6D-S | 41799 | 12.0 |
| E | Purple | CBR6E-S | 41800 | 12.0 |
| F | Yellow | | | |

### FOR FLEXCO® BR10

60 Strips / 1200 Rivets per Bucket

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| | | |
| CSRLA | 40857 | 13.00 |
| CSRLB | 40858 | 13.92 |
| CSRLC | 40859 | 14.84 |
| CSRLC/D | 40860 | 15.56 |
| CSRLD | 40861 | 16.06 |
| CSRLE | 40862 | 16.62 |
| CSRLF | 40863 | 17.34 |
| | | |
| CSRLA-S | 40978 | 12.90 |
| CSRLB-S | 40979 | 13.80 |
| CSRLC-S | 40980 | 14.92 |
| CSRLC/D-S | 40981 | 15.31 |
| CSRLD-S | 40982 | 15.92 |
| CSRLE-S | 40983 | 16.48 |
| CSRLF-S | 40984 | 16.94 |

## RAPID LOADER™ RIVET STRIPS

***WITH WASHERS***

**(For BR10)**

For use with the Flexco® Pneumatic Single Rivet Driver

60 Strips / 1200 Rivets per Bucket

| DESCRIPTION | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| Size | Color Code | | | |
| **STEEL** | | | | |
| A | Red | CSRLA-W | 40891 | 13.00 |
| B | White | CSRLB-W | 40892 | 13.92 |
| C | Blue | CSRLC-W | 40893 | 14.84 |
| C/D | Orange | CSRLC/D-W | 40895 | 15.56 |
| D | Green | CSRLD-W | 40897 | 16.06 |
| E | Purple | CSRLE-W | 40898 | 16.62 |
| F | Yellow | CSRLF-W | 40899 | 17.34 |
| G | Black | CSRLG-W | 40901 | 17.90 |
| **STAINLESS (TYPE 430)** | | | | |
| A | Red | CSRLA-S-W | 40955 | 12.90 |
| B | White | CSRLB-S-W | 40956 | 13.80 |
| C | Blue | CSRLC-S-W | 40957 | 14.92 |
| C/D | Orange | CSRLC/D-S-W | 40958 | 15.31 |
| D | Green | CSRLD-S-W | 40959 | 15.92 |
| E | Purple | CSRLE-S-W | 40961 | 16.48 |
| F | Yellow | CSRLF-S-W | 40969 | 16.94 |
| G | Black | CSRLG-S-W | 40971 | 17.52 |

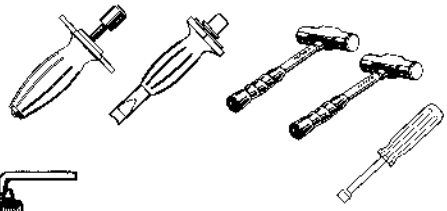
**2M RIVET BUCKET**
(Contains 2000 Rivets)

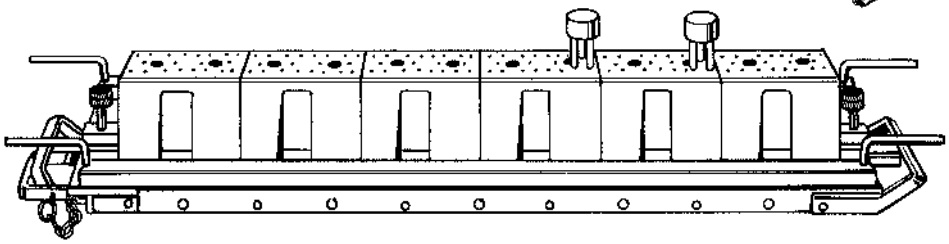
**NOTE:** Use standard rivet selection criteria for collated rivet strips.

# INSTALLATION TOOLS

## Multiple Rivet Applicator Tool

For Power Installation of Flexco® BR™ Fasteners, see page 71.





MBRTA TOOL WITH MULTIPLE RIVET DRIVER

### MBRTA APPLICATOR TOOL Complete (For BR10 and BR14)

(Includes two SR759 Multiple Drive Rods, BR500D Multiple Guide Blocks, one SR-50 Driver Tool, one BR151 Bridge Removal Tool, one Nut Driver, two 4 lb. Hammers, Lubricant and Metal Tool Box.)

| TOOL WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | MULTIPLE GUIDE BLOCKS INCLUDED |
|---|---|---|---|---|---|
| in. | mm | | | | |
| 30 | 750 | MBRTA-30 | 40927 | 111.3 | 4 |
| 36 | 900 | MBRTA-36 | 40928 | 115.5 | 5 |
| 42 | 1050 | MBRTA-42 | 40920 | 125.0 | 6 |
| 48 | 1200 | MBRTA-48 | 40921 | 166.6 | 7 |
| 60 | 1500 | MBRTA-60 | 40922 | 178.6 | 9 |
| 72 | 1800 | MBRTA-72 | 40923 | 192.3 | 10 |
| 84 | 2130 | MBRTA-84 | 40924 | 227.8 | 12 |
| 96 | 2430 | MBRTA-96 | 40925 | 263.2 | 14 |

### *ALUMINUM* MBRT6 APPLICATOR Complete

(Includes one BR359 three prong multiple drive rod, two BR300 multiple guide blocks, one BR151 bridge removal tool, one 4 lb. hammer, and lubricant.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 30 | 750 | MBRT6-30-AL | 41089 | 75.0 |
| 36 | 900 | MBRT6-36-AL | 41097 | 85.0 |
| 42 | 1050 | MBRT6-42-AL | 41098 | 92.0 |
| 48 | 1200 | MBRT6-48-AL | 41099 | 106.0 |
| 60 | 1500 | MBRT6-60-AL | 41107 | 120.0 |
| 72 | 1800 | MBRT6-72-AL | 41123 | 136.0 |
| 84 | 2130 | MBRT6-84-AL | 41124 | 156.0 |
| 96 | 2430 | MBRT6-96-AL | 41126 | 173.0 |

### *ALUMINUM* MBRT10 APPLICATOR Complete

(Includes one SR759 five prong multiple drive rod, two BR500D multiple guide blocks, one BR151 bridge removal tool, one 4 lb. hammer, and lubricant.)

| BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| in. | mm | | | |
| 30 | 750 | MBRT10-30-AL | 41138 | 79.0 |
| 36 | 900 | MBRT10-36-AL | 41139 | 89.0 |
| 42 | 1050 | MBRT10-42-AL | 41148 | 138.0 |
| 48 | 1200 | MBRT10-48-AL | 41149 | 105.0 |
| 60 | 1500 | MBRT10-60-AL | 41152 | 124.0 |
| 72 | 1800 | MBRT10-72-AL | 41153 | 141.0 |
| 84 | 2130 | MBRT10-84-AL | 41168 | 161.0 |
| 96 | 2430 | MBRT10-96-AL | 41179 | 177.0 |

### MBRT TOOL COMPONENTS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Multiple Guide Block-Blue, BR6 | BR300 | 40882 | 3.8 |
| Multiple Drive Rod-3 Prong | BR359 | 41187 | 1.0 |
| Multiple Guide Block-Yellow, BR10, BR14 | BR500D | 41016 | 3.0 |
| Multiple Drive Rod-5 Prong | SR759 | 41055 | .9 |
| Nut Driver | 41008 | 41008 | .5 |
| Driver Tool Complete | SR-50 | 40510 | .8 |
| Bridge Removal Tool | BR151 | 40760 | .5 |
| Silicone Lubricant | SL5-1 | 30932 | 1.4 |
| Four lb. Hammer | 4FH | 30435 | 5.3 |

### ACCESSORY TOOLS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Repair Tool Kit Complete | BRR-1014 | 40794 | 3.8 |
| Anvil Plate w/Screws | BRP3 | 40907 | .9 |
| Center Block w/Screws | BRR-11 | 40796 | .6 |
| Center Punch | BRR-DP | 40793 | .1 |
| Flexco Belt Groover | FBG1 | 31978 | 1.8 |
| Extra Blades | HSP3 | 31980 | .1 |

### METAL TOOL BOX FOR SR™ and BR™ APPLICATOR TOOLS

| DESCRIPTION | ORDERING NUMBER/ ITEM CODE | WT. LBS. |
|---|---|---|
| 36" Tool Box | 40988 | 41.2 |
| 42" or 48" Tool Box | 40990 | 48.2 |
| 60" Tool Box | 40991 | 73.0 |

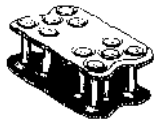
### BELT CUTTERS/SKIVER

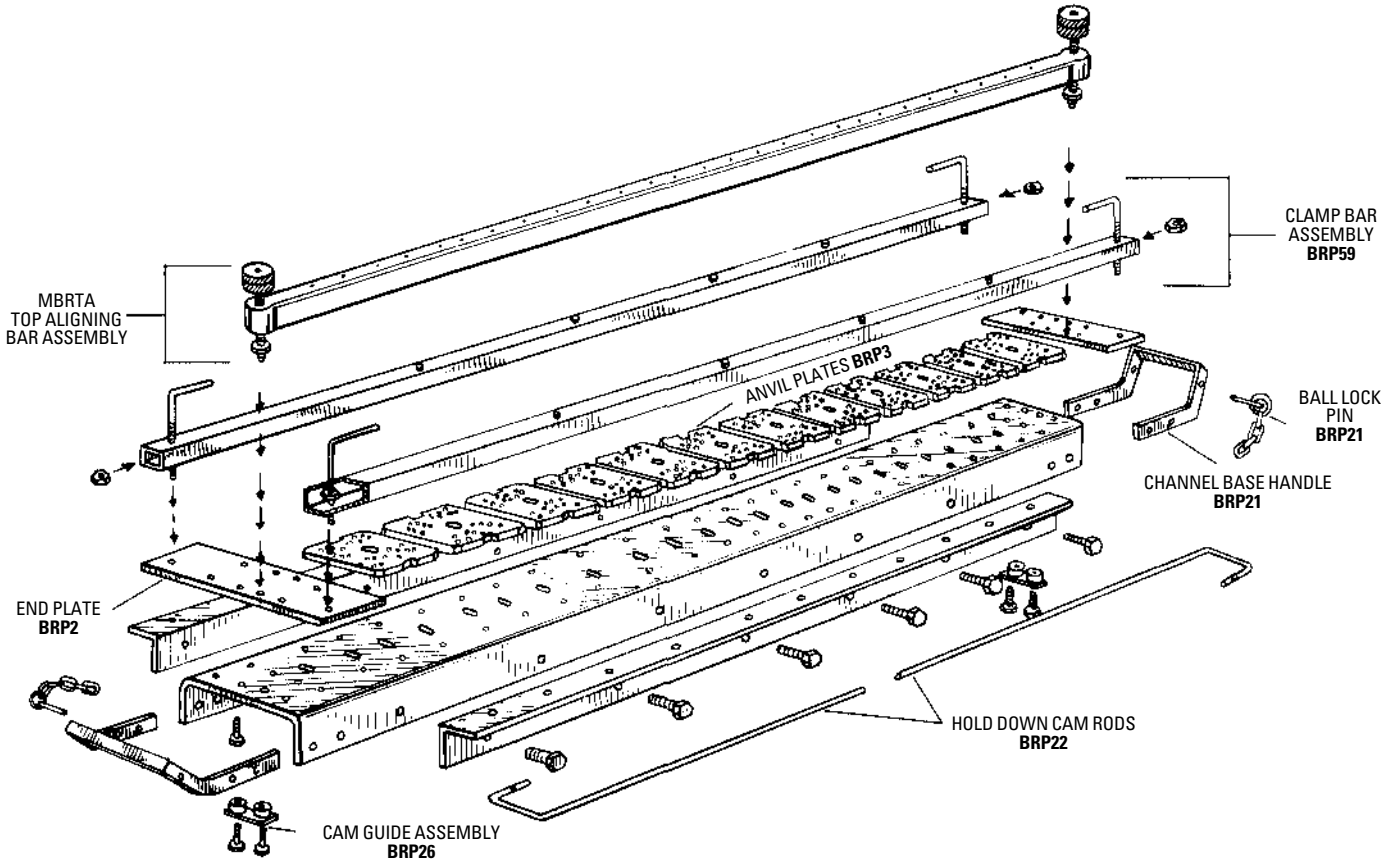
Please refer to page 84.

### Aluminum Content

| ALUMINUM ALLOY TYPE | PERCENT | |
|---|---|---|
| | Mg- Magnesium | Ti -Titanium |
| 5356 | 5.5 | 0.2 |
| 6005 | 0.6 | 0.1 |
| 6061 | 1.0 | 0.0 |
| 7075 | 2.5 | 0.0 |

# Flexco®BR™ Rivet Solid Plate Fasteners





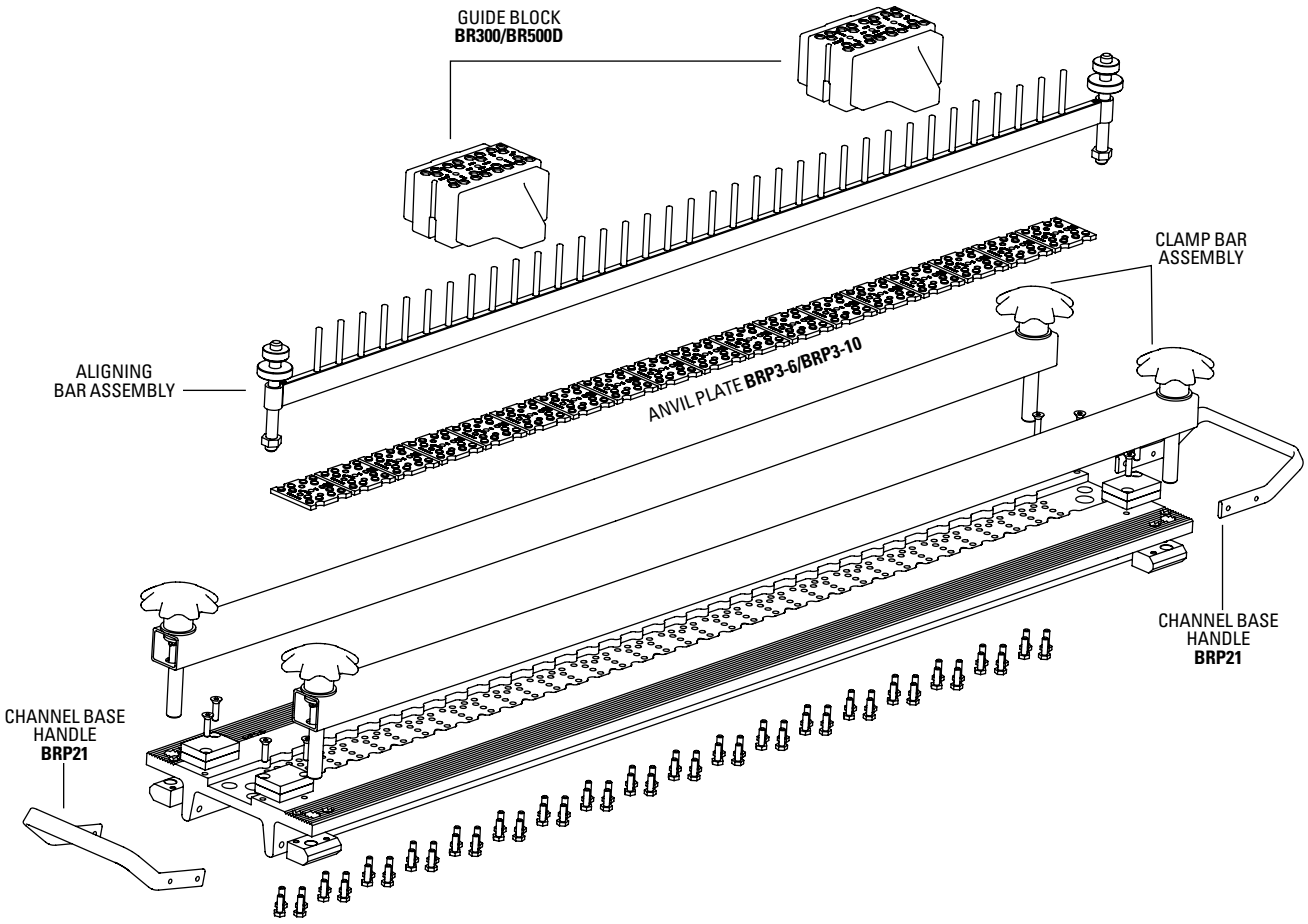

## MBRTA APPLICATOR TOOL – REPLACEMENT PARTS

| DESCRIPTION | TOOL WIDTH in. | TOOL WIDTH mm | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| Clamp Bar Assembly | 30″ | 750 | BRP59-30 | 40800 | 5.1 |
| | 36″ | 900 | BRP59-36 | 40801 | 5.7 |
| | 42″ | 1050 | BRP59-42 | 40802 | 6.3 |
| | 48″ | 1200 | BRP59-48 | 40803 | 7.0 |
| | 60″ | 1500 | BRP59-60 | 40804 | 7.9 |
| MBRTA Top Aligning Bar Assembly (Includes two end plates and fasteners) | 30″ | 750 | BR-530 | 41020 | 4.7 |
| | 36″ | 900 | BR-536 | 41021 | 5.0 |
| | 42″ | 1050 | BR-542 | 41022 | 5.3 |
| | 48″ | 1200 | BR-548 | 41023 | 6.0 |
| | 60″ | 1500 | BR-560 | 41024 | 7.4 |
| Channel Base Assembly (Includes Channel Base, Anvil plates, End plates, and Gauge Rod Guides) | 42″ | 1050 | BRP100-42 | 40915 | 51.0 |
| | 48″ | 1200 | BRP100-48 | 40916 | 58.0 |
| | 60″ | 1500 | BRP100-60 | 40918 | 72.5 |
| | 72″ | 1800 | BRP100-72 | 40919 | 87.0 |
| Anvil Plate Assembly (includes screws) | | | BRP3 | 40907 | .9 |
| Anvil Plate Screws | | | BRPS | 40908 | .5 |
| Channel Base Handle | | | BRP21 | 40930 | .6 |
| Ball Lock Pin w/Chain | | | BRP31 | 40960 | .1 |
| Hold Down Cam Rods (Includes Two) | 30″ | 750 | BRP22-30 | 40962 | .6 |
| | 36″ | 900 | BRP22-36 | 40963 | .6 |
| | 42″ | 1050 | BRP22-42 | 40964 | .6 |
| | 48″ | 1200 | BRP22-48 | 40965 | .6 |
| | 60″ | 1500 | BRP22-60 | 40966 | .9 |
| Cam Guide Assembly | | | BRP26 | 40970 | .1 |
| End Plate Assembly | | | BRP2 | 40975 | 1.9 |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.



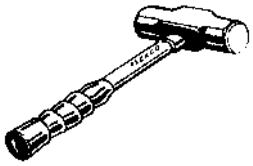

## *ALUMINUM* MBRT6/MBRT10 APPLICATOR TOOL – REPLACEMENT PARTS

| DESCRIPTION | TOOL WIDTH | | BR6/BR10 ORDERING NUMBER | BR6/BR10 ITEM CODE | BR6/BR10 WT. LBS. | BR10 ORDERING NUMBER | BR10 ITEM CODE | BR10 WT. LBS. |
|---|---|---|---|---|---|---|---|---|
| | in. | mm | | | | | | |
| BR6 & BR10 Clamp Bar Assembly | 30″ | 750 | BRP6-10AL30CB | 41915 | 7.7 | | | |
| | 36″ | 900 | BRP6-10AL36CB | 41916 | 8.3 | | | |
| | 42″ | 1050 | BRP6-10AL42CB | 41917 | 9.0 | | | |
| | 48″ | 1200 | BRP6-10AL48CB | 41918 | 9.7 | | | |
| | 60″ | 1500 | BRP6-10AL60CB | 41919 | 10.4 | | | |
| | 72" | 1800 | BRP6-10AL72CB | 41920 | 11.0 | | | |
| | 84" | 2130 | BRP6-10AL84CB | 41921 | 11.6 | | | |
| | 96" | 2430 | BRP6-10AL96CB | 41922 | 12.0 | | | |
| Aligning Bar Assembly | BR6 | | | | | BR10 | | |
| | 30″ | 750 | BRP6AL-30AB | 41906 | 4.7 | BRP10AL-30AB | 41924 | 4.7 |
| | 36″ | 900 | BRP6AL-36AB | 41907 | 5.0 | BRP10AL-36AB | 41925 | 5.0 |
| | 42″ | 1050 | BRP6AL-42AB | 41908 | 5.3 | BRP10AL-42AB | 41926 | 5.3 |
| | 48″ | 1200 | BRP6AL-48AB | 41909 | 5.6 | BRP10AL-48AB | 41927 | 5.6 |
| | 60″ | 1500 | BRP6AL-60AB | 41910 | 6.2 | BRP10AL-60AB | 41928 | 6.2 |
| | 72" | 1800 | BRP6AL-72AB | 41911 | 6.6 | BRP10AL-72AB | 41929 | 6.6 |
| | 84" | 2130 | BRP6AL-84AB | 41912 | 7.0 | BRP10AL-84AB | 41930 | 7.0 |
| | 96" | 2430 | BRP6AL-96AB | 41913 | 7.4 | BRP10AL-96AB | 41931 | 7.4 |

# Heavy-Duty Belt Maintenance Tools

## FOUR LB. HAMMER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| 4FH | 30435 | 5.3 |
| 6FH | 30375 | 7.3 |

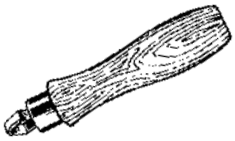


## FLEXCO® SILICONE LUBRICANT

| ORDERING NUMBER | ITEM CODE | PKG. QTY. | WT. LBS. |
|---|---|---|---|
| SL5-1 | 30932 | 1 | 1.4 |

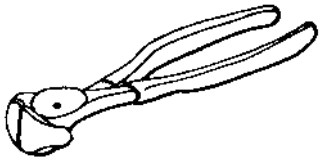
## FLEXCO® BELT IDENTIFICATION TOOL

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| BT-1 | 31075 | .06 |



## BELT NIPPER

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| BN-1 | 50003 | .8 |



## FLEXCO® BELT GROOVER

**(7/16" WIDE GROOVE PATH)**

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| FBG1 | 31978 | 1.8 |
| **EXTRA BLADES** | | |
| HSP3 | 31980 | .1 |

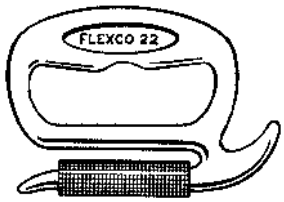
## ROUTER COUNTERSINKING TOOLS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Template Guide | RTG-2 | 30890 | .08 |
| Router Templet | FRT-1 | 30875 | .7 |
| Router Bit | RT-5/8 | 30877 | .2 |

## FLEXCO® BELT GRIPS

**GRIPS BELTS UP TO 5/8" (16 mm) SOLD BY THE PAIR**

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| 22 | 30882 | 2.5 |

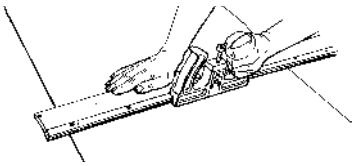



**Stock Items** (non-shaded) carried in factory inventory.

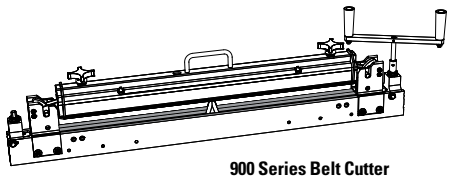
**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

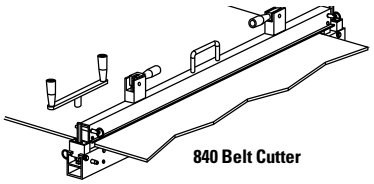
# Heavy-Duty Belt Maintenance Tools



300 Series Belt Cutter



900 Series Belt Cutter



840 Belt Cutter

## 300 SERIES STRAIGHT CUTTER

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Cutter Complete | 12″ | 300 | 300312 | 30900 | 14.2 |
| | 18″ | 450 | 300318 | 30901 | 15.6 |
| | 24″ | 600 | 300324 | 30902 | 17.4 |
| | 30″ | 750 | 300330 | 30903 | 19.1 |
| | 36″ | 900 | 300336 | 30904 | 20.0 |
| | 42″ | 1050 | 300342 | 30905 | 26.1 |
| | 48″ | 1200 | 300348 | 30906 | 27.9 |
| | 60″ | 1500 | 300360 | 30907 | 32.8 |
| Cutter Base Only | 30″ | 750 | 330 | 30937 | 10.8 |
| | 36″ | 900 | 336 | 30938 | 12.3 |
| | 42″ | 1050 | 342 | 30939 | 14.0 |
| | 48″ | 1200 | 348 | 30940 | 15.6 |
| | 60″ | 1500 | 360 | 30941 | 18.9 |
| "E" Base Only | | | 324E | 30961 | 9.0 |
| | | | 330E | 30962 | 10.8 |
| | | | 336E | 30963 | 12.4 |
| | | | 348E | 30964 | 15.8 |
| | | | 360E | 30965 | 18.9 |
| Connecting Bar | | | 30027 | 30910 | 4.6 |
| Cutter Head Only | | | 300 | 30908 | 2.4 |
| Cutter Blade for belts up to 1 1/8″ thick | | | 30023 | 30909 | .2 |
| Cutter Blade – Long for belts up to 1 9/16″ thick | | | 30023L | 30913 | .2 |
| Extra Nails (90/Package) | | | 8D | 30437 | 1.0 |

**FOR CURVED BELT CUTTER, SEE PAGE 57 BOLT HINGED FASTENER SECTION.**

## 900 SERIES* BELT CUTTER

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Cutter Complete for belts up to 1.5″ (38 mm) | 24" | 600 | 900924 | 04200 | 32.0 |
| | 36″ | 900 | 900936 | 04143 | 39.0 |
| | 48″ | 1200 | 900948 | 04144 | 45.0 |
| | 60″ | 1500 | 900960 | 04145 | 53.0 |
| | 72″ | 1800 | 900972 | 04146 | 61.0 |
| | 84" | 2130 | 900984 | 04147 | 69.0 |
| Replacement Blade Kit | | | 900CBK | 04149 | 0.2 |
| Drive Handle Assembly | | | | 04140 | 2.0 |

* Patent pending

### Aluminum Content-900 Series

| ALUMINUM ALLOY TYPE | PERCENT | |
|---|---|---|
| | Mg Magnesium | Ti Titanium |
| 5356 | 5.5 | 0.2 |
| 6005 | 0.6 | 0.1 |
| 6061 | 1.0 | 0.0 |
| 7075 | 2.5 | 0.0 |

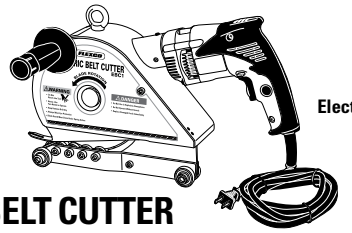
## 840 SERIES ALUMINUM BELT CUTTER

(REPLACES THE 820 SERIES BELT CUTTER.)

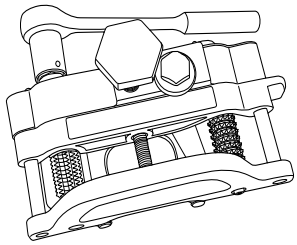
| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Cutter Complete for belts up to 3/8″ – 1″ thick | 36″ | 900 | 840836 | 32267 | 25.0 |
| | 48″ | 1200 | 840848 | 32268 | 31.0 |
| | 60″ | 1500 | 840860 | 32269 | 37.0 |
| | 72″ | 1800 | 840872 | 32270 | 42.0 |
| | 84″ | 2130 | 840884 | 32271 | 48.0 |
| Drive Handle Assembly | | | 820/840WA | 32272 | 2.0 |
| Extra Blade (with screw) 1″-25 mm | | | 820/840-1CB | 32273 | 0.5 |
| Optional Squaring Device | | | 840SD | 32274 | 2.0 |

### Aluminum Content-840 Series

| ALUMINUM ALLOY TYPE | PERCENT | |
|---|---|---|
| | Mg Magnesium | Ti Titanium |
| 6061 | 1.00% | 0% |



Electric Belt Cutter with cord



FSK™ Belt Skiver

## ELECTRIC BELT CUTTER

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Electric Cutter Complete | EBC1 | 30001 | 30.0 |
| Electric Cutter Complete | EBC2 | 30002 | 40.0 |
| Cordless Electric Cutter Complete | CEBC1 | 30018 | 30.0 |
| Cordless Electric Cutter Complete | CEBC2 | 30019 | 40.0 |
| **Spare Parts List** | | | |
| Replacement blade for EBC1/CEBC1 | EBC1-B | 30003 | 2.0 |
| Replacement blade for EBC2/CEBC2 | EBC2-B | 30004 | 2.8 |
| Replacement electric hammer drill for EBC1 | EBC1-DR | 30005 | 7.5 |
| Replacement electric hammer drill for EBC2 | EBC2-DR | 30006 | 12.1 |
| Replacement eye bolt for EBC1 & EBC2 | EBC-EB | 30007 | .9 |
| Replacement handle for EBC1 & EBC2 | EBC-H | 30008 | .4 |

## FLEXCO® FSK™ BELT SKIVER

Width of Skive 2½″ (64 mm)

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Skiver Complete with Standard Blade | FSK-2 | 32051 | 20.7 |
| Sharpening Stone | | 31987 | 0.5 |
| STK Tool Box | | 50009 | 5.4 |
| **REPLACEMENT PARTS** | | | |
| Skiver Blade-Standard | FSK-1B | 31996 | 0.3 |
| Skiver Blade-High Wear | FSK-1BA | 31999 | 0.3 |
| Skiver Ratchet Assembly | FSK-1R | 31991 | 1.8 |
| Skiver Chain | FSK-1C | 31992 | 0.4 |
| Skiver Sprocket | FSK-1S | 31993 | 0.2 |
| Skiver Fence Assembly | FSK-2F | 32056 | 1.1 |
| Replacement Front Drive Roller Assembly | FSK2-FDRA | 32052 | 0.6 |

## Cutting Capacity-Electric Belt Cutter

| BELT TYPE | EBC1/CEBC1 | | EBC2/CEBC2 | |
|---|---|---|---|---|
| | IMPERIAL | METRIC | IMPERIAL | METRIC |
| Rubber | Up to 1″ | Up to 25 mm | Up to 2″ | Up to 50 mm |
| PVC | Up to 360 PIW | Up to 630 EP | Up to 1140 PIW | Up to 2000 EP |

**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

**Non-Listed Items** are available. Request quote for price and delivery.

## FAR-PUL® HD® BELT CLAMPS

Load Capacity up to 3 tons (2.7 metric tons) when used with two 1-1/2 ton (1.4 metric ton) come-a-longs.

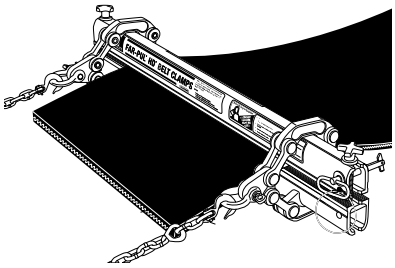
| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Belt Clamp Complete includes: 4 Belt Clamp Bars and 4 Belt Clamp Scissors | Up to 30″ | Up to 750 | LSHD30 | 30393 | 79.0 |
| | Up to 36″ | Up to 900 | LSHD36 | 30394 | 87.0 |
| | Up to 42″ | Up to 1050 | LSHD42 | 30395 | 91.0 |
| | Up to 48″ | Up to 1200 | LSHD48 | 30396 | 98.0 |
| | Up to 54″ | Up to 1350 | LSHD54 | 30397 | 103.0 |
| | Up to 60″ | Up to 1500 | LSHD60 | 30398 | 110.0 |
| | Up to 72″ | Up to 1800 | LSHD72 | 30399 | 121.0 |
| 30″ Belt Clamp Bar Set* | Up to 30″ | Up to 750 | LSHDB30-2 | 30418 | 20.0 |
| 36″ Belt Clamp Bar Set* | Up to 36″ | Up to 900 | LSHDB36-2 | 30414 | 23.0 |
| 42″ Belt Clamp Bar Set* | Up to 42″ | Up to 1050 | LSHDB42-2 | 30421 | 26.0 |
| 48″ Belt Clamp Bar Set* | Up to 48″ | Up to 1200 | LSHDB48-2 | 30423 | 30.0 |
| 54″ Belt Clamp Bar Set* | Up to 54″ | Up to 1350 | LSHDB54-2 | 30424 | 33.0 |
| 60″ Belt Clamp Bar Set* | Up to 60″ | Up to 1500 | LSHDB60-2 | 30430 | 36.0 |
| 72″ Belt Clamp Bar Set* | Up to 72″ | Up to 1800 | LSHDB72-2 | 30408 | 40.0 |
| Steel Belt Clamp Scissor - Each | | | LSHDS | 30392 | 10.5 |
| Belt Locator Pin - includes Washer and Locking Nut | | | LSHDLP | 30400 | .15 |
| Retaining Pin Kit | | | LSHD-RPK | 30390 | 2.0 |
| Clamp Bar Screw | | | LSHDCBS | 30373 | 1.0 |

*Includes 2 Bars Per Set

## Aluminum Content-Far-Pul® HD®

| ALUMINUM ALLOY TYPE | PERCENT | |
|---|---|---|
| | Mg- Magnesium | Ti -Titanium |
| 6061 | 1.00% | 0% |

**Far-Pul® HD® Belt Clamps (belt not included)**

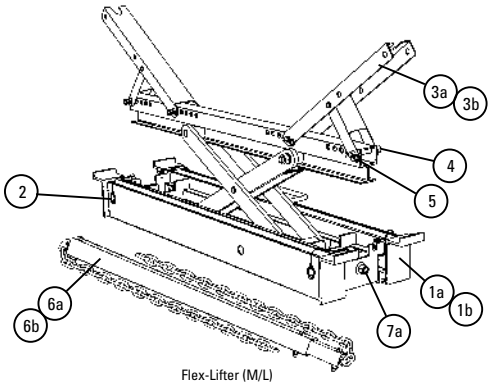


## FLEX-LIFTER™ CONVEYOR BELT LIFTER

Easy and safe way to lift tensioned belts so mechanical splicing or other maintenance work can be done.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Medium Flex-Lifter 36" - 60" (900 - 1500 mm) | FL-M | 76469 | 87.0 |
| Large Flex-Lifter 48" - 72" (1200 - 1800 mm) incl. return bar | FL-L | 76470 | 121.0 |
| XL Flex-Lifter 72" - 96" (1800 - 2400 mm) does not incl. return bar | FL-XL | 76983 | 152.0 |
| Flex-Lifter Cart | FLCK | 77729 | 20.0 |

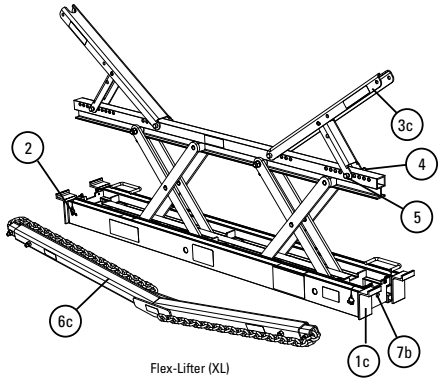
Lifts troughed or flat belts.
Lead time: 1 working day




Flex-Lifter (M/L)

### Replacement Parts

| REF | DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|
| 1a | Extension Leg - Medium | FLEL-M | 76472 | 3.1 |
| 1b | Extension Leg - Large | FLEL-L | 76473 | 3.7 |
| 1c | Extension Leg Kit- XL (includes 2 ext. legs) | FLELK-XL | 76986 | 13.0 |
| 2 | Extension Leg Pin (with lanyard) | FLELP | 76474 | 0.1 |
| 3a | Trough Wing - Medium (with brace) | FLTW-M | 76476 | 1.2 |
| 3b | Trough Wing - Large (with brace) | FLTW-L | 76477 | 1.5 |
| 3c | Trough Wing - XL (with brace) | FLTW-XL | 76985 | 4.2 |
| 4 | Retainer Pin Pack (includes 4 pins) | FLRP | 76478 | 1.0 |
| 5 | Retainer Clip Pack (includes 4 clips) | FLCP | 76479 | 0.1 |
| 6a | Return Lift Bar - Medium | FLRLB-M | 76482 | 18.4 |
| 6b | Return Lift Bar - Large | FLRLB-L | 76481 | 40.0 |
| 6c | V-Return Lift Bar - XL | FLVRL-XL | 76984 | 63.0 |
| 7a | Shear Pin Kits - Medium/Large | FL-PKIT-ML | 77250 | 0.3 |
| 7b | Shear Pin Kits - XL | FL-PKIT-XL | 77251 | 0.5 |



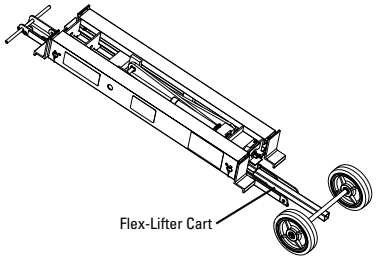

Flex-Lifter (XL)

### Safe Lifting Capacity

| Height | | Max. Weight | | | |
|---|---|---|---|---|---|
| | | Medium/Large | | XL | |
| in. | mm | lbs. | kg. | lbs. | kg. |
| 0-1 | 0-25 | 500 | 225 | 1100 | 500 |
| 1-2 | 25-50 | 1000 | 450 | 1800 | 815 |
| 2-3 | 50-75 | 1500 | 675 | 2500 | 1140 |
| 3-4 | 75-100 | 2000 | 900 | 3200 | 1450 |
| 4-5 | 100-125 | 2500 | 1150 | 3700 | 1680 |
| 5-6 | 125-150 | 3000 | 1350 | 4600 | 2090 |
| 6-7 | 150-175 | 3500 | 1600 | 5300 | 2400 |
| >7 | >175 | 4000 | 1800 | 6000 | 2725 |

### Aluminum Content Flex-Lifter

| ALUMINUM ALLOY TYPE | PERCENT | |
|---|---|---|
| | Mg Magnesium | Ti Titanium |
| 4043 | 0.05% | 0.2% |
| 5356 | 5.5% | 0.2% |
| 6005 | 0.6% | 0.1% |
| 6061 | 1.0% | 0.0% |
| 6063 | 0.7% | 0.0% |
| 7075 | 2.5% | 0.0% |



# Belt Positioner™

## BELT POSITIONERS WITH CORETECH™ ROLLERS*

| SIZE | BELT WIDTH (Min-Max) | | POSITIONER WIDTH (Min-Max) | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|
| | in. | mm | in. | mm | | | |
| Small | 18-24 | 450-600 | 24-34 | 600-850 | RBP1C-S | 78851 | 60.5 |
| Medium | 30-48 | 750-1200 | 34-56 | 850-1400 | RBP1C-M | 78852 | 73.5 |
| Large | 54-72 | 1350-1800 | 56-83 | 1400-2075 | RBP1C-L | 78853 | 94.0 |
| Extra Large | 72-96 | 1800-2400 | 72-120 | 1800-3000 | RBP1C-XL | 78854 | 182.0 |

*Positioners come standard with CoreTech™ rollers.
Use next larger size for belt widths between ranges.
**NOTE:** Idler Rollers on sizes S, M and L are 5" (125 mm) diameter and rated CEMA D.
Idler Rollers on the XL size are 6" (150 mm) diameter and rated CEMA E.
*Lead time: 1 working day*

## BELT POSITIONERS WITH EXALON ROLLERS

| SIZE | BELT WIDTH (Min-Max) | | POSITIONER WIDTH (Min-Max) | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|
| | in. | mm | in. | mm | | | |
| Small | 18-24 | 450-600 | 24-34 | 600-850 | RBP1E-S | 73140 | 60.5 |
| Medium | 30-48 | 750-1200 | 34-56 | 850-1400 | RBP1E-M | 73142 | 73.5 |
| Large | 54-72 | 1350-1800 | 56-83 | 1400-2075 | RBP1E-L | 73144 | 94.0 |
| Extra Large | 72-96 | 1800-2400 | 72-120 | 1800-3000 | RBP1E-XL | 73146 | 182.0 |

Use next larger size for belt widths between ranges.
**NOTE:** Idler Rollers on sizes S, M and L are 5" (125 mm) diameter and rated CEMA D.
Idler Rollers on the XL size are 6" (150 mm) diameter and rated CEMA E.
*Lead time: 1 working day*

## BELT POSITIONERS WITH STEEL ROLLERS

| SIZE | BELT WIDTH (Min-Max) | | POSITIONER WIDTH (Min-Max) | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|---|---|
| | in. | mm | in. | mm | | | |
| Small | 18-24 | 450-600 | 24-34 | 600-850 | RBP1S-S | 74558 | 69.8 |
| Medium | 30-48 | 750-1200 | 34-56 | 850-1400 | RBP1S-M | 74559 | 84.6 |
| Large | 54-72 | 1350-1800 | 56-83 | 1400-2075 | RBP1S-L | 74560 | 109.5 |
| Extra Large | 72-96 | 1800-2400 | 72-120 | 1800-3000 | RBP1S-XL | 74561 | 199.6 |

*Lead time: 1 working day*

## REPLACEMENT ROLLERS

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Small CoreTech™ Roller | N5D3T-24-8.875-B31 | 26095 | 7.9 |
| Medium CoreTech Roller | N5D3T-36-12.875-B31 | 26096 | 11.0 |
| Large CoreTech Roller | N5D3T-54-18.875-B31 | 26097 | 15.5 |
| Extra Large CoreTech Roller | N6E3T-60-21.5-B36 | 26098 | 27.8 |
| Small Exalon Roller | RBPER-S | 73169 | 7.9 |
| Medium Exalon Roller | RBPER-M | 73170 | 11.0 |
| Large Exalon Roller | RBPER-L | 73171 | 15.5 |
| Extra Large Exalon Roller | RBPER-XL | 73172 | 27.8 |
| Small Steel Roller | RBPSR-S | 74562 | 12.2 |
| Medium Steel Roller | RBPSR-M | 74563 | 16.5 |
| Large Steel Roller | RBPSR-L | 74564 | 23.2 |
| Extra Large Steel Roller | RBPSR-XL | 74565 | 36.6 |
| Roller Retainer Kit* | RBPRET | 73163 | 0.5 |

Positioners come standard with CoreTech™ rollers.
Idler rollers on sizes S, M and L are 5" (125 mm) diameter and rated CEMA D.
Idler rollers on the XL size are 6" (150 mm) diameter and rated CEMA E.
*Roller Retainer Kit not required for XL rollers (SDX style).
*Lead time: 1 working day*

## ROLLER DIMENSIONS

| SIZE | LENGTH | | DIAMETER | |
|---|---|---|---|---|
| | in. | mm | in. | mm |
| Small | 9 | 225 | 5 | 125 |
| Medium | 13 | 325 | 5 | 125 |
| Large | 19 | 475 | 5 | 125 |
| Extra Large | 21 | 525 | 6 | 150 |

## Product Notes:

- Optimal location: no closer than 3' (.9 M) and no further than 6' (1.8 M) from a return roller.
- Belt Positioners come standard with CoreTech™ rollers.
- All rollers are "sealed for life". No regreasing maintenance is required.
- MSHA approved.

## Product Notes:

- The Positioner should be centered between two standard return rollers. For general applications--standard belts up to 72" (1800 mm): position the unit no closer than 3' (.9 M) to a return roller and no farther than 6' (1.8 M).
- Works on the return side of the conveyor using simple angled rollers mounted in a fixed position to quickly and continuously funnel the belt into the correct path.
- A "quick fix" solution for belts that consistently wander to one side.
- Typically installed before the tail pulley to keep the belt centered at the critical loading point. Center loading is the key to solving many top side tracking problems.
- Idler rollers make smooth contact with the return belt's bottom cover, eliminating excessive wear and damage to the belt's edges.
- Has no pivoting mechanism to freeze up and cause the unit to stop working.
- Once installed, no further adjustment is required.

# V-Plow

## V-PLOW*

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Extra Small | 18-24" | 450-600 | CBV-XS | 73131 | 53.0 |
| Small | 30-36" | 750-900 | CBV-S | 73132 | 65.0 |
| Medium | 42-48" | 1050-1200 | CBV-M | 73133 | 74.0 |
| Large | 54-60" | 1350-1500 | CBV-L | 73134 | 84.0 |
| 72" | 72" | 1800 | CBV-72 | 74389 | 150.0 |
| 84" | 84" | 2100 | CBV-84 | 74390 | 175.0 |
| 96" | 96" | 2400 | CBV-96 | 74391 | 200.0 |

*Use next larger size for belt widths between ranges.
*Lead time: 1 working day*

## REPLACEMENT BLADE KITS*

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Extra Small | 18-24" | 450-600 | VBK-XS | 73190 | 4.5 |
| Small | 30-36" | 750-900 | VBK-S | 73191 | 6.0 |
| Medium | 42-48" | 1050-1200 | VBK-M | 73192 | 7.5 |
| Large | 54-60" | 1350-1500 | VBK-L | 73193 | 9.0 |
| 72" | 72" | 1800 | VBK-72 | 74457 | 13.0 |
| 84" | 84" | 2100 | VBK-84 | 74458 | 15.0 |
| 96" | 96" | 2400 | VBK-96 | 74459 | 17.0 |

*Kit includes blades and replacement blade bolts.
*Lead time: 1 working day*

## OPTIONAL URETHANE BLADE KITS*

Typically provides 3 to 5 times longer wear life.

| DESCRIPTION | BELT WIDTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| | in. | mm | | | |
| Extra Small | 18-24" | 450-600 | VUBK-XS | 75570 | 5.4 |
| Small | 30-36" | 750-900 | VUBK-S | 75571 | 8.0 |
| Medium | 42-48" | 1050-1200 | VUBK-M | 75572 | 10.5 |
| Large | 54-60" | 1350-1500 | VUBK-L | 75573 | 13.0 |
| 72" | 72" | 1800 | VUBK-72 | 75574 | 15.9 |
| 84" | 84" | 2100 | VUBK-84 | 75575 | 18.5 |
| 96" | 96" | 2400 | VUBK-96 | 75576 | 21.0 |

*Kit includes blades and replacement blade bolts.
*Lead time: 1 working day*

## Product Notes:

- Exclusive blade design - 20° slant on leading edge spirals debris off the belt.
- Self-adjusting blade - the blade floats on the belt and self-adjusts as it wears.
- Unique blade adjuster - turnbuckle-type adjuster allows the blade to be accurately positioned to the belt.
- Easy to install - comes fully assembled and can be placed right into position on the conveyor.

**Made To Order Items** (shaded) allow 10 working days for production.

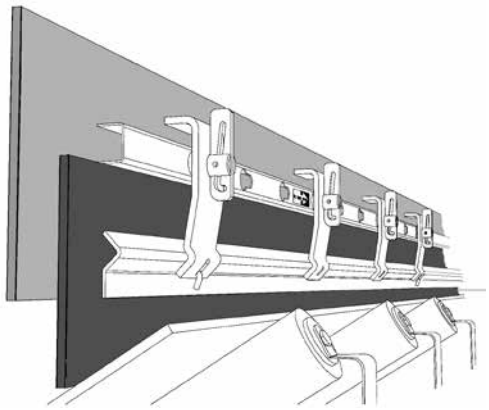
# Flex-Lok™ Skirt Clamps

## FLEX-LOK™ SKIRT CLAMP

One Skirt Clamp includes one 6' (1.8 M) clamp runner, 4 clamp plates, 4 clamp pins and one 6' (1.8 M) restraining bar. Skirt board and rubber not included.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Skirt Clamp | FLSC-I | 71052 | 31.1 |
| **REPLACEMENT PARTS** | | | |
| Clamp Runner - 6 ft. (1.8 M) | FL-RPI | 71058 | 7.3 |
| Clamp Plate | FL-PC-I | 71057 | 2.1 |
| Clamp Pin | FL-CP-I | 71141 | 1.9 |
| Restraining Bar - 6 ft. (1.8 M) | FL-RBI | 71060 | 11.3 |

**NOTE:** Skirt Rubber Thickness Range: 5/16" to 1" (8 - 25 mm)
*Lead time: 1 working day*



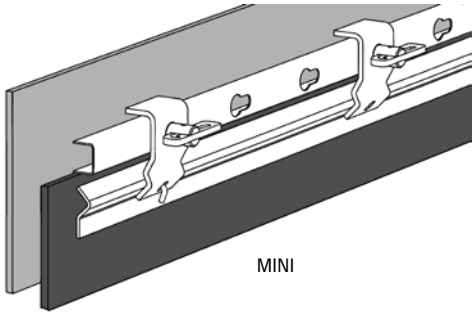
STANDARD

## MINI FLEX-LOK™ SKIRT CLAMP

One Mini Skirt Clamp includes one 6' (1.8 M) clamp runner, 3 mini clamp plates, 3 clamp pins and one 6' (1.8 M) restraining bar. Skirt board and rubber not included.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| Mini Skirt Clamp | FLSCM-I | 71055 | 27.6 |
| **REPLACEMENT PARTS** | | | |
| Clamp Runner - 6 ft. (1.8 M) | FL-RPI | 71058 | 7.3 |
| Clamp Plate | FLM-PC | 71140 | 2.1 |
| Clamp Pin | FL-CP-I | 71141 | 1.9 |
| Restraining Bar - 6 ft. (1.8 M) | FL-RBI | 71060 | 11.3 |

**NOTE:** Skirt Rubber Thickness Range: 5/16" to 5/8" (8 - 16 mm)
*Lead time: 1 working day*



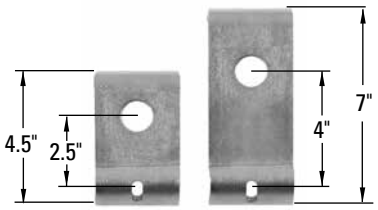
MINI

## STAINLESS STEEL* FLEX-LOK™ SKIRT CLAMP

One SS Clamp includes one 6' (1.8 M) clamp runner, 4 clamp plates, 4 clamp pins and one 6' (1.8 M) restraining bar.

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| SS Skirt Clamp | FLSC-ISS | 75778 | 25.0 |
| **REPLACEMENT PARTS** | | | |
| SS Clamp Plate | FL-PC-ISS | 71168 | 1.9 |
| Clamp Pin | FLCP-ISS | 71164 | 1.9 |

*316SS (all parts)
*Lead time: 1 working day*




MINI STANDARD

Two models are available to fit your conveyor requirements

### *SERVICE MAINTENANCE*

- Inspection - Periodically inspect the clearance between the skirt rubber and the belt. If this gap is more than 1/4" (6 mm) or if excessive fines are escaping, readjust the skirt rubber.
- Adjustment - Unlock the wedges on the clamp pins and slide the skirt rubber down to the belt. Relock the clamp pins.

### *TROUBLESHOOTING*

Problem: Skirt rubber slips out of skirt clamp.
Solution:

1. Check to insure wedges in clamp pins are locked.
2. Check skirt rubber position. Skirt rubber must not fold and lie on top of belt.

Anti-Vibration Clamp Pins (Standard)

**Made To Order Items** (shaded) allow 10 working days for production.

# Tatch-A-Cleat® General Cleat Information

**Cleat patterns**

When choosing cleat installation patterns, you should give major consideration to the type of return support which is available or feasible.

Where conveyor pulley center distances are 15 feet or less, it is often possible to omit return rolls safely.

Where the curved or chevron pattern is used with standard return rolls, cleats should be arranged so that they provide a set of continuous contacts between cleats and rolls. On drives using pulleys less than 6" in diameter, curved or chevron patterns should not be used.

The ends of cleats mounted in a curved pattern should be tapered to lead smoothly onto return rolls.

## Suggested minimum cleat height for various sized materials and degrees of incline

This chart assumes that material being conveyed has a 30° natural angle of repose. For rounded or free-flowing materials with a natural angle of repose of less than 30°, use the cleat corresponding to the next higher material size. (For example, if your material is 4" high, with a natural angle of repose of less than 30°, and your belt incline is 40°, you would use a 3" cleat — that is, the cleat size corresponding to 5" material.

**Cleat Height**

| Size of Material | 30° | 40° | 50° | 60° |
|---|---|---|---|---|
| 8" | 6" | 6" | 6" | 6" |
| 7" | 6" | 6" | 6" | 6" |
| 6" | 4" | 4" | 6" | 6" |
| 5" | 3" | 3" | 4" | 6" |
| 4" | 2" | 2" | 3" | 4" |
| 3" | 1 ½" | 1 ½" | 2" | 3" |
| 2" | 1" | 1" | 1 ½" | 2" |
| 1" | ⅝" | ⅝" | 1" | 1 ½" |
| ½" | ⅝" | ⅝" | ⅝" | 1" |

**Belt Incline**

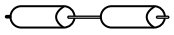
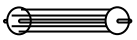
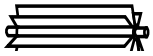
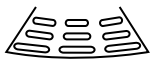
## Suggested cleat spacing

This chart assumes that material being conveyed has a 20° dynamic angle of repose (30° natural angle of repose) and that cleats are installed at a right angle to the belt edge. For more free-flowing material, use slightly closer cleat spacing.

**Cleat Spacing**

| Cleat Height | 30° | 40° | 50° | 60° |
|---|---|---|---|---|
| 6" | 35" | 28" | 21" | 15 ¾" |
| 4" | 23" | 18 ½" | 13 ½" | 10 ½" |
| 3" | 17" | 13 ½" | 10" | 8" |
| 2" | 12" | 8 ½" | 6¼" | 5" |
| 1 ½" | 8 ½" | 6" | 5" | 4" |
| 1" | 5 ½" | 4 ¼" | 2¾" | 2 ½" |
| ⅝" | 4" | 2 ¾" | 2" | 1 ¾" |

**Belt Incline**

| Type | Cleat Pattern | Return Rolls | Recommended |
|---|---|---|---|
| IN TROUGH | | SPLIT ROLLS  | Where Cleats are needed only to lock material in place on the conveyor. |
| STAGGERED | | SQUIRREL CAGE  | Where drain-off of liquids presented special problems. |
| ACROSS BELT WIDTH | | SELF-CLEANING  | Where incline is steep and/or material has high flowability – as with large, round or uniformly sized material. |
| CURVED | | STANDARD RETURN ROLLS | Where increased load capacity is required with a given belt width, trough, and incline. |
| SPLIT |  | RUBBER-DISC | Where drain-off is a a problem, and rubber disc-type rolls are available. |
| CHEVRON | | STANDARD RETURN ROLLS | Where drain-off is a problem, and standard solid return rolls are used. |

# Tatch-A-Cleat® Mechanical Cleats

## MODEL "L" CLEATS

**10 CLEATS/CARTON** – Min. Pulley 2" (50 mm)

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **BLACK – PLATED FASTENER** | | |
| L5/8-B | 99500 | 7.3 |
| L1-B | 99504 | 9.3 |
| L1-1/2-B | 99508 | 11.2 |
| L2-B | 99512 | 14.0 |
| L3-B | 99516 | 18.3 |
| **BLACK – 302 STAINLESS FASTENER** | | |
| L5/8-BS | 99501 | 7.3 |
| L1-BS | 99505 | 9.3 |
| L1-1/2-BS | 99509 | 11.2 |
| L2-BS | 99513 | 14.0 |
| L3-BS | 99517 | 18.3 |
| **WHITE – PLATED FASTENER** | | |
| L5/8-W | 99502 | 7.3 |
| L1-W | 99506 | 9.3 |
| L1-1/2-W | 99510 | 12.3 |
| L2-W | 99514 | 14.5 |
| L3-W | 99518 | 19.3 |
| **WHITE – 302 STAINLESS FASTENER** | | |
| L5/8-WS | 99503 | 7.3 |
| L1-WS | 99507 | 9.3 |
| L1-1/2-WS | 99511 | 12.3 |
| L2-WS | 99515 | 14.5 |
| L3-WS | 99519 | 19.3 |

### EXTRA FASTENER SETS

**123/BAG** #10-24 Machine Screws and Washers

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **PLATED** | | |
| L1/2-F | 99570 | 1.0 |
| L5/8-F | 99522 | 1.0 |
| L3/4-F | 99520 | 1.3 |
| L1-F | 99521 | 1.3 |
| **STAINLESS** | | |
| L1/2-FS | 99571 | 1.0 |
| L5/8-FS | 99525 | 1.0 |
| L3/4-FS | 99523 | 1.3 |

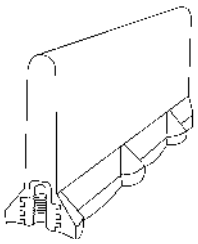
## MODEL "HD" CLEATS

| ORDERING NUMBER | ITEM CODE | WT. LBS. | CLEATS/ CARTON | MIN. PULLEY | |
|---|---|---|---|---|---|
| | | | | in. | mm |
| **WITH PLATED FASTENER** | | | | | |
| HD1 | 99531 | 11.5 | 10 | 3 | 75 |
| HD2 | 99565 | 9.5 | 5 | 4 | 100 |
| **WITH STAINLESS FASTENER** | | | | | |
| HD1S | 99648 | 11.8 | 10 | 3 | 75 |

**NOTE:** HD2 Cleats may be purchased in bulk quantities. Contact Customer Service for details.

### EXTRA FASTENER SETS– TYPE AB 123/BAG

| ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|
| **PLATED** | | |
| HD1-F | 99535 | 2.5 |
| HD1-1/4-F | 99536 | 2.8 |
| **STAINLESS** | | |
| HD1-FS | 99529 | 2.6 |



**NOTE:** Cleats are 24" long.

1/2" screws are furnished "standard" and can be used on belts up to 5/16" (8 mm) thick.

Inserts are on 2" (50 mm) centers.

For belts 5/16" – 7/16" (8 – 11 mm) use a 5/8" screw.

For belts over 7/16" (11 mm) use a 3/4" screw.

**NOTE:**
3" and 4" Cleats – 24" long Model HD Cleats are furnished with Plated 14 X 1 Type AB Fasteners. Specify 1-1/4" screws for belts over 7/16" thick.

**NOTE:**
Cleats are 48" long. Ordering numbers followed by the letter T indicate cleat fasteners furnished with flat top nut (ECFT). Standard fasteners include hex nuts. (ECF).

## ECONO-CLEAT®

**5 CLEATS/CARTON**

| ORDERING NUMBER | ITEM CODE | WT. LBS. | MIN. PULLEY | |
|---|---|---|---|---|
| | | | in. | mm |
| **ECONO-CLEAT w/FASTENERS & HEX NUTS (ECF, EC4F, EC6F)** | | | | |
| EC1-1/4 | 99576 | 12.5 | 3 | 75 |
| EC2 | 99578 | 15.5 | 3 | 75 |
| EC3 | 99580 | 22.0 | 3 | 75 |
| EC4 | 99582 | 33.0 | 4 | 100 |
| EC6* | 99586 | 28.3 | 6 | 150 |
| **ECONO-CLEAT w/FASTENERS & FLAT TOP NUTS (ECFT, EC4FT)** | | | | |
| EC1-1/4-T | 99577 | 12.5 | 3 | 75 |
| EC2-T | 99579 | 15.5 | 3 | 75 |
| EC3-T | 99581 | 22.0 | 3 | 75 |
| EC4-T | 99583 | 33.0 | 4 | 100 |

*Two 48" Cleats/Carton

### ECONOMY CARTON

**12 FT. LENGTHS w/NO FASTENERS - 3 FASTENER SETS PER FOOT REQUIRED**

| ORDERING NUMBER | ITEM CODE | WT. LBS. | FEET/ CTN. | MIN. PULLEY | |
|---|---|---|---|---|---|
| | | | | in. | mm |
| EC1-1/4-C | 99597 | 119.0 | 240 | 3 | 75 |
| EC2-C | 99598 | 125.0 | 180 | 3 | 75 |
| EC3-C | 99599 | 123.0 | 120 | 3 | 75 |
| EC4-C | 99601 | 121.0 | 72 | 4 | 100 |
| EC6-C | 99600 | 126.0 | 36 | 6 | 150 |

### EXTRA FASTENER SETS

**61/BAG**

| ORDERING NUMBER | ITEM CODE | WT. LBS. | SIZE |
|---|---|---|---|
| **FASTENERS FOR 1-1/4", 2" & 3" CLEATS** | | | |
| ECF | 99589 | 2.8 | 1/4" x 1-1/4" |
| ECFS | 99593 | 2.9 | |
| ECFT | 99590 | 2.3 | |
| **FASTENERS FOR 4" CLEATS** | | | |
| EC4F | 99591 | 3.3 | 1/4" x 1- 3/4" |
| EC4FT | 99592 | 2.3 | |
| **FASTENERS FOR 6" CLEATS** | | | |
| EC6F* | 99594 | 2.0 | 1/4" x 2" |

*33/Bag

# Tatch-A-Cleat® Mechanical Cleats

## TATCH-A-LUG®

Min. Pulley 2" (50 mm)

| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| (25 LUGS/CARTON) | LG1-1/2 | 99541 | 1.8 |
| | LG2 | 99543 | 2.0 |
| (26 EACH) | | | |
| Extra Fastener Sets – Plated | LG3/4-F | 99546 | .3 |
| – Stainless | LG3/4-FS | 99547 | .3 |
| Economy Carton (100 LUGS) | LG1-1/2-C | 99542 | 6.7 |
| | LG2-C | 99544 | 7.1 |

## TATCH-A-PEG®

Min. Pulley 2" (50 mm)

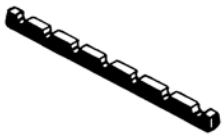
| DESCRIPTION | ORDERING NUMBER | ITEM CODE | WT. LBS. |
|---|---|---|---|
| (100 PEGS/CARTON) | PG2 | 99539 | 4.3 |
| | PG3 | 99537 | 6.9 |
| Extra Fastener Sets – Plated | P1/2-F | 99548 | .8 |
| (100 / bag) | P3/4-F | 99538 | 1.0 |

## EXTRA WASHERS

| FOR CLEAT: | ORDERING NUMBER | ITEM CODE | WT. LBS. | DIA. |
|---|---|---|---|---|
| Econo-Cleat® | CW25/100 | 99690 | .1 | 1/4" |
| Tatch-A-Lug®, Model "L" Tatch-A-Peg® | CW1024 | 99626 | .1 | 13/64" |
| **BULK WASHERS** | | | | |
| Tatch-A-Lug®, Model "L" Tatch-A-Peg® | CWS1024 | 99627 | 1.0 | 13/64" |

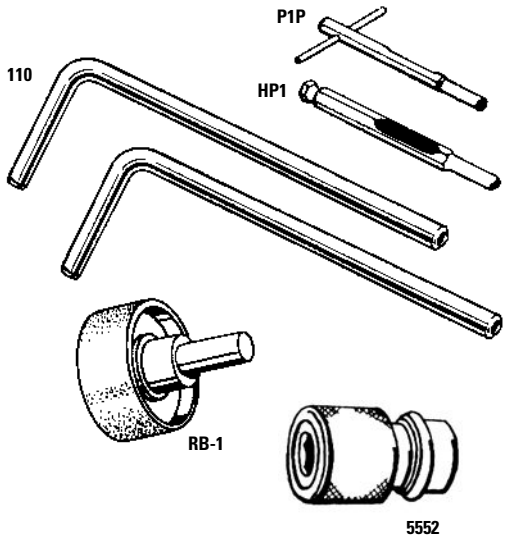
## TATCH-A-GUIDE®

| DESCRIPTION | LENGTH | | ORDERING NUMBER | ITEM CODE | WT. LBS. | MIN. PULLEY | |
|---|---|---|---|---|---|---|---|
| | in. | mm | | | | in. | mm |
| Plated (10/CTN.) | 8" | 200 | A10 | 99551 | 1.0 | 4 | 100 |
| | 8" | 200 | B10 | 99553 | 1.3 | 6 | 150 |
| | 9¼" | 235 | C10 | 99555 | 3.3 | 8 | 200 |
| Stainless | 8" | 200 | A10S | 99552 | 1.0 | 4 | 100 |
| | 8" | 200 | B10S | 99554 | 1.3 | 6 | 150 |
| | 9¼" | 235 | C10S | 99556 | 3.3 | 8 | 200 |
| Extra Fasteners Sets (31/BAG) | | | | | | | |
| Plated – Size A | | | G1/2-F | 99560 | .1 | | |
| – Size B | | | G5/8-F | 99566 | .1 | | |
| – Size C | | | G3/4-F | 99572 | .3 | | |
| Stainless – Size A | | | G1/2-FS | 99563 | .1 | | |
| – Size B | | | G5/8-FS | 99569 | .1 | | |
| – Size C | | | G3/4-FS | 99573 | .3 | | |



## INSTALLATION TOOLS

| DESCRIPTION | ORDERING NUMBER | FOR CLEAT TYPE: | DIA. | ITEM CODE | WT. LBS. |
|---|---|---|---|---|---|
| Flexco® Belt Punches | P1P | Model L, Econo-Cleat®, Tatch-A-Lug®, Tatch-A-Peg®, & Tatch-A-Guide® | 1/4" | 30460 | .1 |
| | P3P | Model HD | 3/8" | 30462 | .3 |
| Flexco® Power Punches | HP1 | Model L, Econo-Cleat®, Tatch-A-Lug®, Tatch-A-Peg®, & Tatch-A-Guide® | 1/4" | 30463 | .2 |
| | HP3 | Model HD | 3/8" | 30465 | .2 |
| Flexco® Bolt Breaker (Two per Package) | 110 | | | 30474 | 1.2 |
| Quick Change Chuck | 5552 | | | 30481 | 0.4 |
| Alligator® Belt Grinder | RB-1 | | | 30867 | 0.7 |




**Stock Items** (non-shaded) carried in factory inventory.

**Made To Order Items** (shaded) allow one week for production. In most cases, the next standard stock item can be adapted to meet your requirements.

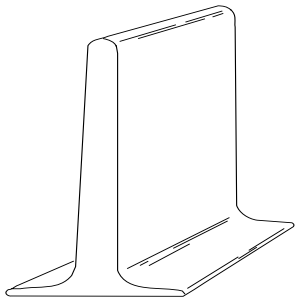
**Non-Listed Items** are available. Request quote for price and delivery.

# RUBBER BONDABLE

## T CLEATS

**BUFFED - STANDARD PACK** 10′ LENGTHS - NITRILE 60 DURO - 1500 lb. TENSILE

| WHITE | | BLACK | | WT./FT. | MIN. ORDER QTY. | HEIGHT | BASE WIDTH | THICKNESS | MIN. PULLEY DIAMETER |
|---|---|---|---|---|---|---|---|---|---|
| ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | | | | | | |
| T-1WNIB | 99967 | T-1BNIB | 99983 | .45 | 100′ | 1″ | 2 1⁄8″ | .250″ | 6″ |
| T-1-1/2WNIB | 99968 | T-1-1/2BNIB | 99984 | .57 | 100′ | 1½″ | 2⅛″ | .250″ | 6″ |
| T-2WNIB | 99969 | T-2BNIB | 99985 | .62 | 100′ | 2″ | 2⅛″ | .250″ | 6″ |
| | | T-3BNIB | 99987 | 1.20 | 100′ | 3″ | 2⅛″ | .375″ | 6″ |



T CLEAT

## BONDABLE CLEAT – TEMPERATURE SERVICE RANGE

| FOR CLEAT TYPE: | TEMPERATURE RANGE |
|---|---|
| **RUBBER BONDABLE** | |
| T-Cleat, Scoop Cleats | -40°F to +180°F |
| V-Guides | -40°F to +210°F |
| **PVC BONDABLE** | |
| T-Cleat, Scoop Cleats, V-Guides | -20°F to +150°F |

**Made To Order Items** Allow 6-8 weeks for delivery.
Minimum order may apply.

**NOTE:** One reel or carton minimum per size and color.
**Non Listed Items** are available.
Request quote for price and delivery.

**NOTE:** Customized Profiles and Formulations can be quoted.

**NOTE:** Allow for greater pulley diameters if system has reverse bends.

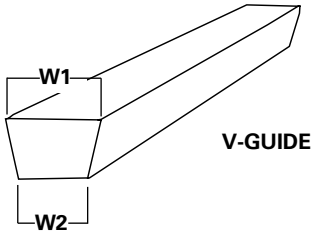
# RUBBER BONDABLE

## V-GUIDE BUFFED

**STANDARD PACK** 100′ LENGTHS - NEOPRENE 60 DURO - 1500 lb. TENSILE

| WHITE | | BLACK | | WT./FT. | QUANTITY CTN./REEL | SIZE | W1 | W2 | HEIGHT | MIN. PULLEY DIAMETER |
|---|---|---|---|---|---|---|---|---|---|---|
| ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | | | | | | | |
| AVGWNEB | 99832 | AVGBNEB | 99996 | .09 | 100′ | A | 1/2″ | 5/16″ | 5/16″ | 4″ |
| | | BVGBNEB | 99844 | .15 | 100′ | B | 5/8″ | 7/16″ | 7/16″ | 6″ |
| **STANDARD REEL*** NEOPRENE 60 DURO - 1500 lb. TENSILE | | | | | | | | | | |
| OVGWNEB-500 | 99287 | OVGBNEB-500 | 99301 | .05 | 500′ | O | 3/8″ | 1/4″ | 1/4″ | 2″ |
| AVGWNEB-500 | 99288 | AVGBNEB-500 | 99302 | .09 | 500′ | A | 1/2″ | 5/16″ | 5/16″ | 4″ |
| BVGWNEB-500 | 99289 | BVGBNEB-500 | 99303 | .15 | 500′ | B | 5/8″ | 7/16″ | 7/16″ | 6″ |
| CVGWNEB-300 | 99290 | CVGBNEB-300 | 99304 | .25 | 300′ | C | 7/8″ | 17/32″ | 17/32″ | 8″ |

*White V-guides shipped in 2 pieces on one reel.



V-GUIDE

## V-GUIDE UNBUFFED

**STANDARD PACK** 100′ LENGTHS - NEOPRENE 60 DURO - 1500 lb. TENSILE

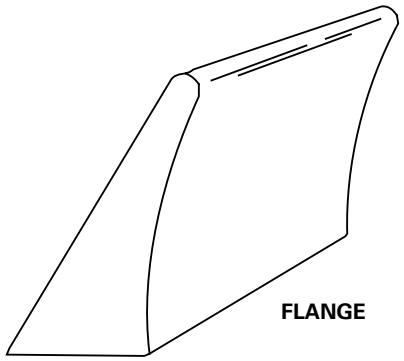
| WHITE | | BLACK | | WT./FT. | QUANTITY CTN./REEL | SIZE | W1 | W2 | HEIGHT | MIN. PULLEY DIAMETER |
|---|---|---|---|---|---|---|---|---|---|---|
| ORDERING NUMBER | ITEM CODE | ORDERING NUMBER | ITEM CODE | | | | | | | |
| | | AVGBNE | 99855 | .09 | 100′ | A | 1/2″ | 5/16″ | 5/16″ | 4″ |
| **STANDARD REEL*** NEOPRENE 60 DURO - 1500 lb. TENSILE | | | | | | | | | | |
| OVGWNE-500 | 99280 | | | .05 | 500′ | O | 3/8″ | 1/4″ | 1/4″ | 2″ |
| AVGWNE-500 | 99281 | AVGBNE-500 | 99295 | .09 | 500′ | A | 1/2″ | 5/16″ | 5/16″ | 4″ |
| BVGWNE-500 | 99282 | BVGBNE-500 | 99296 | .15 | 500′ | B | 5/8″ | 7/16″ | 7/16″ | 6″ |
| CVGWNE-300 | 99283 | CVGBNE-300 | 99297 | .25 | 300′ | C | 7/8″ | 17/32″ | 17/32″ | 8″ |

*White V-guides shipped in 2 pieces on one reel.

## FLANGES

50′ LENGTHS - NEOPRENE 45 DURO - 1200 lb. TENSILE, 600% ELONGATION - BLACK ONLY

| ORDERING NUMBER | ITEM CODE | WT./FT. | QTY./CTN. | HEIGHT | BASE WIDTH | MIN. PULLEY DIA. | |
|---|---|---|---|---|---|---|---|
| | | | | | | FLANGE | CLEAT |
| FL1BNE | 99860 | .24 | 50′ | 1″ | 3/4″ | 6″ | 4″ |
| FL1-1/2BNE | 99861 | .48 | 50′ | 1½ ″ | 1″ | 8″ | 5″ |


FLANGE

**NOTE:** One reel or carton minimum per size and color.
**Non Listed Items** are available.
Request quote for price and delivery.

**NOTE:** Customized Profiles and Formulations can be quoted.

**NOTE:** Allow for greater pulley diameters if system has reverse bends.

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| 400 | 57 | 20397 | 76 | 400442 | 57 | 00SH36 | 34 |
| 430 | 57 | 20398 | 57 | 400448 | 57 | 00SH48 | 34 |
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