

FLEXCO® SR™

Rivet Hinged Fastening System

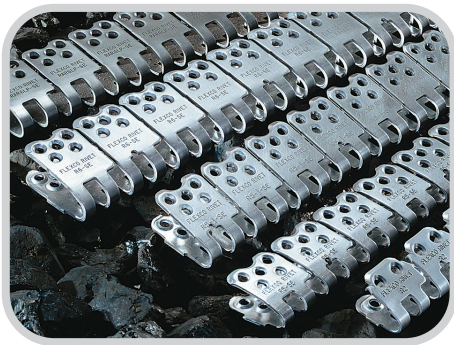
Quality and Performance

The Flexco® SR™ Rivet Hinged Fastening System has earned a reputation for quality and performance in the most demanding material handling applications on earth. Wherever belt conveyors are used, you need a fastener system that lets you set up, splice, and get out of the way ... fast. Flexco SR fasteners deliver the performance, long life, and easy installation that maximize belt availability and help keep productivity on a roll.



Maximum Splice Life, Increased Uptime

Flexco Rivet Hinged Fasteners combine top and bottom fastener plates, which are joined at one end by two wide hinge loops. Each pair of plates sandwich the belt end and are secured to the belt with a staggered pattern of rivets. The rivets penetrate the belt without damaging or weakening the belt carcass providing maximum resistance to pull-out and evenly distributed splice tension across the width of the belt. No matter what the belt condition, Flexco SR fasteners are a good choice for both new and older, worn belts. Rivet hinged fasteners can be used on belts ranging from 3 - 25 mm after skive with pulley diameters over 127 mm. Concerns about comparable vulcanized splice strength can be dismissed as rivet hinged fasteners have a long history of service on belts with mechanical fastener rating of up to 350 kN/m.



Market Applications

- Coal and Hard Rock
- Underground and Surface Mining
- Wood Processing
- Asphalt Plants
- Construction and Road Equipment

FLEXCO® SR™

Rivet Hinged Fastening System

Fastener Overview

How the Flexco® Rivet Hinged Fastening System Works



Flexco® R2



Flexco® R5

The SR™ (Self-Setting Rivet) Fastener utilizes staggered pattern, multiple rivet attachments that pass between carcass fibers without severing them. The specially shaped head of each pilot nail works in conjunction with the installation tool anvil plate to set the rivets. The same hammer blows that set the rivets also compress the fastener plates into the belt covers. This provides maximum holding ability and distributes splice tension evenly across the width of the belt.

Lower fastener profile improves performance

The Flexco® SR™ Scalloped Edge™ fastener features a low profile, reducing the fastener's exposure to cleaner blades, skirt rubbers, and return idlers. Reduced wear and tear on the fastener extends the life of the splice to maximize belt availability.

Designed for rubber plied and PVC solid woven belting, as well as for older worn belts unfit for vulcanized splices, the Flexco SR fastener features a patented Scalloped Edge

design. The scalloped design contributes to improved fastener profile resulting in increased compatibility with belt cleaners and improved cleaner-tip wear.

A built-in viewport simplifies fastener positioning. And self-setting rivets are installed from the top side of the belt for faster installation. Plus powered installation options speed installation and reduce worker fatigue.



Scalloped Edge



Viewport

Lower fastener profile extends belt splice life

Less effort required for installation

Reduces maintenance costs

Viewport assures proper installation alignment



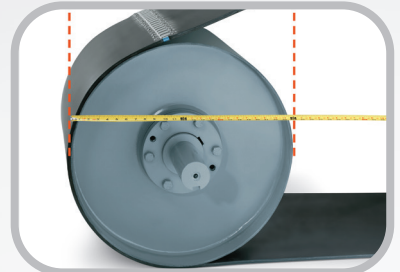
Fastener Selection Guidelines

Specify the Right Flexco® Rivet Hinged Fastener

1. **Determine belt tension.**
Most conveyor belting has a mechanical fastener rating. Care should be taken not to operate the belting or fasteners beyond their recommended ratings.
2. **Measure belt thickness.**
If fasteners are to be countersunk, measure the belt thickness after a portion of the belt cover has been removed. Choose a fastener size which corresponds to belt thickness.
3. **Measure the diameter of the smallest pulley in your system.**
Only consider pulleys over which the belt makes at least a 90° wrap. For tail or take-up of the self-cleaning “wing type pulley”, 25% larger diameter dimensions are usually required.
4. **Choose the fastener size that is appropriate for your specifications.**
Consult the selection chart on page 4 to guide your selection.
5. **Select material.**
Refer to the material selection chart on page 4 for the metal characteristics which best suit your application. Not all sizes are available in all metals.
6. **Select installation method.**
Flexco® SR™ fasteners can be hammer applied or a power installation option can be chosen to speed installation time. Refer to pages 12-14.
7. **Select rivets.**
Refer to page 8 to choose the appropriate rivets for your application.
8. **Select hinge pin.**
Refer to page 10 to match the hinge pin to your application.



Measure belt thickness



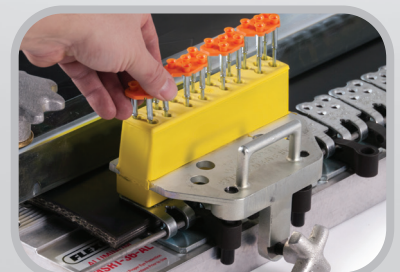
Measure smallest pulley diameter



Select fastener size



Select installation method



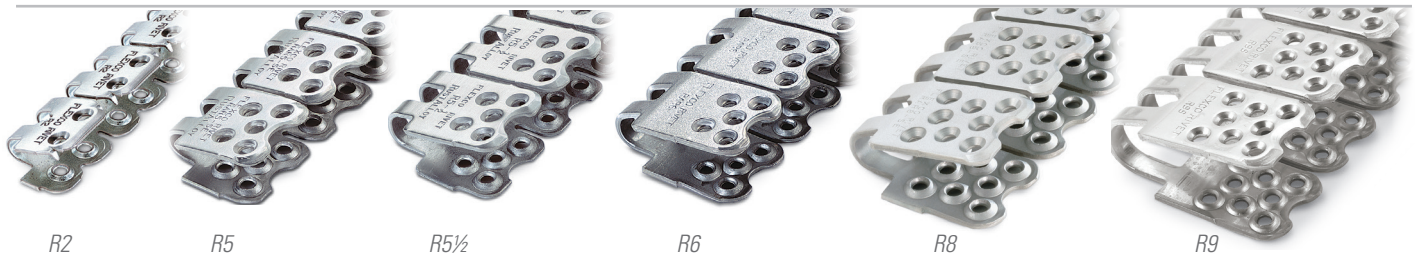
Select rivets

FLEXCO® SR™

Rivet Hinged Fastening System

Fastener Selection Guidelines

Use the charts below to match the Flexco® SR™ fastener to your needs. Find the fastener metal type required for your application. Then choose the ordering number that corresponds to your belt's width from the charts on the following pages.



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 |
| | kN/m | mm | mm | mm |
| R2 | 60 | 3-10 | 127 | 127 |
| R5 | 79 | 6-11 | 230 | 175 |
| R5-1/2 | 114 | 8-15 | 300 | 250 |
| R6* | 140 | 10.5-17 | 450 | 400 |
| R6LP | 140 | 8-18 | 450 | 400 |
| R8 | 263 | 10.5-17 | 450 | 16 |
| R9 | 350 | 16-25.5 | 1050 | 42 |

* R6 can be used in certain applications up to 1200 P.I.W. (210 kN/m) with R6 RustAlloy® and stainless steel rivets. Contact Flexco Marketing or Engineering for details.

Fastener Materials

Steel: Galvanized steel is the standard fastener material for most applications. Galvanization helps combat mild corrosion.

Stainless: 300 Series: Provides extra resistance to abrasion, magnetic attraction, and corrosion from acids and other chemicals.

MegAlloy®: Superior resistance to wear and abrasion. Provides several times the service life of steel.

RustAlloy®: Low chrome, stainless steel alloy that resists corrosion due to acidic mine water or other chemical attack.

Fastener Metals

| Fastener Material | Abrasion Resistance | Chemical Resistance | Rust Resistance | Magnetic | Spark-Free | Available Sizes |
|----------------------------|---------------------|---------------------|-----------------|----------|------------|-----------------|
| Galvanized Steel | Good | Poor | Fair | Yes | No | R2, R5, R5½, R6 |
| 300 Series Stainless Steel | Good | Good to Excellent | Excellent | Slightly | No | R2, R5, R9 |
| MegAlloy® | Excellent | Poor | Poor | Yes | No | R2, R5, R5½ |
| RustAlloy® | Good | Good | Good | Yes | No | R5, R5½, R6, R8 |

FLEXCO® SR™

Rivet Hinged Fastening System

Fasteners

Flexco® R2

Unique two teeth/two rivet combination offers highest efficiencies in strength and durability for medium-duty applications.



| Flexco® R2 | | | |
|-------------------|------------------------|-----------------------------|--------------------------------------|
| Belt Width | Ordering Number | | Rivets Required for One Joint |
| | Steel | Stainless 300 Series | |
| mm | | | |
| 300 | R2-12/300 | R2S-12/300 | 24 |
| 450 | R2-18/450 | R2S-18/450 | 40 |
| 600 | R2-24/600 | R2S-24/600 | 52 |
| 750 | R2-30/750 | R2S-30/750 | 64 |
| 900 | R2-36/900 | R2S-36/900 | 80 |
| 1050 | R2-42/1050 | R2S-42/1050 | 92 |
| 1200 | R2-48/1200 | R2S-48/1200 | 108 |
| 1350 | R2-54/1350 | R2S-54/1350 | 120 |
| 1500 | R2-60/1500 | R2S-60/1500 | 136 |

Two fastener strips per package.

Flexco® R5

Ideal for applications such as wood processing or construction equipment with smaller pulleys as well as for underground mining.



| Flexco® R5 Scalloped Edge (Continuous Strip) | | | | |
|---|------------------------|-----------------------------|---------------------------------|--------------------------------------|
| Belt Width | Ordering Number | | | Rivets Required for One Joint |
| | Steel | Stainless 300 Series | Rustalloy® 400 Series SS | |
| mm | | | | |
| 450 | R5-SE-18/450 | R5S-SE-18/450 | | 100 |
| 600 | R5-SE-24/600 | R5S-SE-24/600 | RAR-SE-24/600 | 130 |
| 750 | R5-SE-30/750 | R5S-SE-30/750 | RAR-SE-30/750 | 160 |
| 900 | R5-SE-36/900 | R5S-SE-36/900 | RAR-SE-36/900 | 200 |
| 1050 | R5-SE-42/1050 | R5S-SE-42/1050 | RAR-SE-42/1050 | 230 |
| 1200 | R5-SE-48/1200 | R5S-SE-48/1200 | RAR-SE-48/1200 | 270 |
| 1350 | R5-SE-54/1350 | | RAR-SE-54/1350 | 300 |
| 1500 | R5-SE-60/1500 | R5S-SE-60/1500 | RAR-SE-60/1500 | 340 |
| 1800 | R5-SE-72/1800 | | | 410 |

Two fastener strips per package.

Flexco® R2, R5 and R5½ MegAlloy®

For superior resistance to wear and abrasion, Flexco® Rivet Hinged Fasteners are available in R2, R5, and R5½ MegAlloy®. Fasteners are supplied as 4 plate strips and are packaged 10 strips per box.

| Flexco® R2, R5, R5 ½ | |
|-----------------------------|--|
| Ordering Number | |
| MegAlloy® | |
| R2MA-SE | |
| R5MA-SE | |
| R5-1/2MA-SE | |

| Plates Required for MegAlloy® | |
|---|--------------------------------------|
| Plates Required For One R2MA Joint* | |
| Belt Width | Plates Required for One Joint |
| mm | |
| 450 | 20 |
| 600 | 26 |
| 750 | 32 |
| 900 | 40 |
| 1050 | 46 |
| 1200 | 54 |
| 1350 | 60 |
| 1500 | 68 |
| Plates Required For One R5MA Joint* | |
| 18 | 20 |
| 24 | 26 |
| 30 | 32 |
| 36 | 40 |
| 42 | 46 |
| 48 | 54 |
| 54 | 60 |
| 60 | 68 |
| 72 | 82 |
| Plates Required For One R5½MA Joint* | |
| 18 | 20 |
| 24 | 26 |
| 30 | 32 |
| 36 | 40 |
| 42 | 46 |
| 48 | 54 |
| 54 | 60 |
| 60 | 68 |
| 72 | 82 |

*4 Plate Strips. 10 Strips Per Box



FLEXCO® SR™

Rivet Hinged Fastening System

Fasteners

Flexco® R5½

Midsized R5½ is ideal as an upgrade for R5 or in applications where pulley size prohibits the use of R6.

| R5½ Scalloped Edge (Continuous Strip) | | | |
|--|------------------------|---------------------------------|--------------------------------------|
| Belt Width | Ordering Number | | Rivets Required for One Joint |
| | Steel | Rustalloy® 400 Series SS | |
| mm | | | |
| 450 | R5-1/2-SE-18/450 | | 100 |
| 600 | R5-1/2-SE-24/600 | RAR5-1/2-SE-24/600 | 130 |
| 750 | R5-1/2-SE-30/750 | RAR5-1/2-SE-30/750 | 160 |
| 900 | R5-1/2-SE-36/900 | RAR5-1/2-SE-36/900 | 200 |
| 1050 | R5-1/2-SE-42/1050 | RAR5-1/2-SE-42/1050 | 230 |
| 1200 | R5-1/2-SE-48/1200 | RAR5-1/2-SE-48/1200 | 270 |
| 1350 | R5-1/2-SE-54/1350 | RAR5-1/2-SE-54/1350 | 300 |
| 1500 | R5-1/2-SE-60/1500 | RAR5-1/2-SE-60/1500 | 340 |
| 1800 | R5-1/2-SE-72/1800 | RAR5-1/2-SE-72/1800 | 410 |

Two fastener strips per package



Flexco® R6 and R6LP Low Profile

R6 can be used in certain applications up to 1200 P.I.W. (210 kN/m) with R6 RustAlloy and stainless steel rivets. Contact the Flexco Marketing or Engineering department for details.

R6LP features a lower fastener profile for improved compatibility with cleaner blades, skirt rubber, and return idlers.

| R6 and R6LP (Continuous Strip) | | | | |
|---------------------------------------|------------------------|---------------------------------|---|--------------------------------------|
| Belt Width | Ordering Number | | | Rivets Required for One Joint |
| | Steel | Rustalloy® 400 Series SS | Rustalloy® Low Profile 400 Series SS | |
| mm | | | | |
| 600 | R6-SE-24/600 | | | 130 |
| 750 | R6-SE-30/750 | | | 160 |
| 900 | R6-SE-36/900 | | | 200 |
| 1050 | R6-SE-42/1050 | RAR6-SE-42/1050 | RAR6LP-SE-42/1050 | 230 |
| 1200 | R6-SE-48/1200 | RAR6-SE-48/1200 | RAR6LP-SE-48/1200 | 270 |
| 1350 | R6-SE-54/1350 | RAR6-SE-54/1350 | RAR6LP-SE-54/1350 | 300 |
| 1500 | R6-SE-60/1500 | RAR6-SE-60/1500 | RAR6LP-SE-60/1500 | 340 |
| 1800 | R6-SE-72/1800 | RAR6-SE-72/1800 | RAR6LP-SE-72/1800 | 410 |
| 2130 | R6-SE-84/2130 | RAR6-SE-84/2130 | RAR6LP-SE-72/1800 | 480 |

Two fastener strips per package



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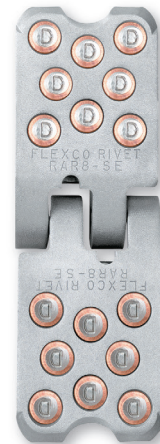
Fasteners

Flexco® R8

Eight-rivet pattern designed for use on mainline and panel belts with mechanical fastener ratings up to 1500 P.I.W. (263 kN/m). For questions regarding R8 and your application, contact the Flexco Marketing or Engineering department.

| <i>R8 Scalloped Edge (Continuous Strip)</i> | | |
|---|--------------------------|-------------------------------|
| Belt Width | Ordering Number | Rivets Required for One Joint |
| mm | Rustalloy® 400 Series SS | |
| 1200 | RAR8-SE-48/1200 | 432 |
| 1350 | RAR8-SE-54/1350 | 480 |
| 1500 | RAR8-SE-60/1500 | 544 |
| 1800 | RAR8-SE-72/1800 | 656 |
| 2130 | RAR8-SE-84/2130 | 768 |

Two fastener strips per package



Flexco® R9

For high-tension or thick belt applications up to 2000 P.I.W. (350 kN/m), R9 has greater reachback, a thicker plate, and an enhanced loop area for larger pin diameters.

| <i>R9 Scalloped Edge (Continuous Strip)</i> | | |
|---|----------------------|-------------------------------|
| Belt Width | Ordering Number | Rivets Required for One Joint |
| mm | Stainless 300 Series | |
| 1200 | R9S-SE-48/1200 | 432 |
| 1350 | R9S-SE-54/1350 | 480 |
| 1500 | R9S-SE-60/1500 | 544 |
| 1800 | R9S-SE-72/1800 | 656 |
| 2130 | R9S-SE-84/2130 | 768 |

Two fastener strips per package



FLEXCO® SR™

Rivet Hinged Fastening System

Rivets

Rivets are available in either steel or stainless steel. Rivets are packaged 250 rivets per box. SRAA, SRA, SRB, and SRC rivets are also available in 100-count packages. Bulk packs of 2,000 rivets are also available in reusable plastic buckets.

| Rivet Selection Chart | |
|-----------------------|------------|
| Belt Thickness Range | Rivet Size |
| mm | |
| R2 | |
| 3-6 | SRAA |
| 4-8 | SRA |
| 7-10 | SRB |
| R5 | |
| 6-8 | SRA |
| 7-10 | SRB |
| 9-11 | SRC |
| 10.5-11 | SRC/D |
| R5½ & R6LP | |
| 8-9 | SRB |
| 8-10.5 | SRC |
| 10-12 | SRC/D |
| 11-13.5 | SRD |
| 13-15 | SRE |
| 14-16.5 | SRF* |
| 16-18 | SRG* |
| R6 | |
| 9-11 | SRC/D |
| 10.5-13 | SRD |
| 12-14 | SRE |
| 13.5-16 | SRF |
| 15-17 | SRG |
| R8 | |
| 10.5-11 | SRC/D |
| 10.5-13 | SRD |
| 12-14 | SRE |
| 13.5-16 | SRF |
| 15-17 | SRG |
| R9 | |
| 12-14 | SRE |
| 13.5-16 | SRF |
| 16-17 | SRG |
| 16.5-19 | SRH |
| 18-21 | SRI |
| 20-22 | SRJ** |
| 23-25.4 | SRL** |

* Applies to RAR6LP only.

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

| Rivets | |
|----------------------|--------------------|
| Steel | Stainless Type 430 |
| Box (100 Rivets) | |
| SRAA-100 | |
| SRA-100 | |
| SRB-100 | |
| SRC-100 | |
| Box (250 Rivets) | |
| SRAA | SRAA-S |
| SRA | SRA-S |
| SRB | SRB-S |
| SRC | SRC-S |
| SRC/D | SRC/D-S |
| SRD | SRD-S |
| SRE | SRE-S |
| SRF | SRF-S |
| SRG | SRG-S |
| SRH | SRH-S |
| SRI | SRI-S |
| SRJ | SRJ-S |
| SRK | SRK-S |
| Bucket (2000 Rivets) | |
| SRA-2M | SRA-S-2M |
| SRB-2M | SRB-S-2M |
| SRC-2M | SRC-S-2M |
| SRC/D-2M | SRC/D-S-2M |
| SRD-2M | SRD-S-2M |
| SRE-2M | SRE-S-2M |
| SRF-2M | SRF-S-2M |
| SRG-2M | SRG-S-2M |
| SRH-2M | SRH-S-2M |
| SRI-2M | SRI-S-2M |
| SRJ-2M | SRJ-S-2M |
| SRK-2M | SRK-S-2M |

Self-setting, pre-assembled with pilot nails



FLEXCO® SR™

Rivet Hinged Fastening System

Rivets

Rapid Loader™ Collated Rivet Strips

Unique Flexco® Rapid Loader™ collated rivet strips make it easy to load 20 rivets into your multiple guide block at one time and eliminate time consuming handling of individual rivets.

- Supplied in color-coded strips for easy identification of rivet sizes
- Available in steel or stainless steel
- Arrives ready-to-use in convenient buckets

| Rapid Loader™ Collated Rivet Strips | | | |
|--|------------|-----------------|------------|
| Size | Color Code | Ordering Number | |
| | | R5, R5½, R6 | R8, R9 |
| Steel | | | |
| A | Red | CSRLA | |
| B | White | CSRLB | |
| C | Blue | CSRLC | |
| C/D | Orange | CSRLC/D | CSRL8C/D |
| D | Green | CSRLD | CSRL8D |
| E | Purple | CSRLE | CSRL8E |
| F | Yellow | CSRLF | CSRL8F |
| G | Black | CSRLG | CSRL8G |
| H | Gray | | CSRL8H |
| I | Lt. Blue | | CSRL8I |
| J | Brown | | CSRL8J |
| K | Beige | | CSRL8K |
| Stainless (Type 430) | | | |
| A | Red | CSRLA-S | |
| B | White | CSRLB-S | |
| C | Blue | CSRLC-S | |
| C/D | Orange | CSRLC/D-S | CSRL8C/D-S |
| D | Green | CSRLD-S | CSRL8D-S |
| E | Purple | CSRLE-S | CSRL8E-S |
| F | Yellow | CSRLF-S | CSRL8F-S |
| G | Black | CSRLG-S | CSRL8G-S |
| H | Gray | | CSRL8H-S |
| I | Lt. Blue | | CSRL8I-S |
| J | Brown | | CSRL8J-S |
| K | Beige | | CSRL8K-S |

Rapid Loader™ Collated Rivet Strips with Washers

Rapid Loader strips with washers have been designed to be used in combination with steel guide blocks.

- Supplied in color-coded strips for easy identification of rivet sizes
- Available in steel or stainless steel
- Arrives ready-to-use in convenient buckets

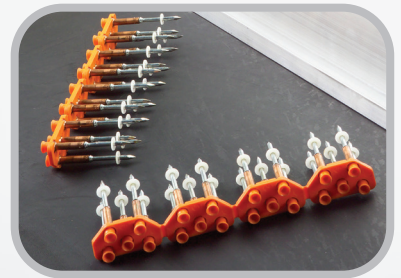
| Rapid Loader™ Collated Rivet Strips with Washers | | | |
|---|------------|-----------------|--------------|
| Size | Color Code | Ordering Number | |
| | | R5, R5½, R6 | R8, R9 |
| Steel | | | |
| A | Red | CSRLA-W | |
| B | White | CSRLB-W | |
| C | Blue | CSRLC-W | |
| C/D | Orange | CSRLC/D-W | CSRL8C/D-W |
| D | Green | CSRLD-W | CSRL8D-W |
| E | Purple | CSRLE-W | CSRL8E-W |
| F | Yellow | CSRLF-W | CSRL8F-W |
| G | Black | CSRLG-W | CSRL8G-W |
| H | Gray | | CSRL8H-W |
| I | Lt. Blue | | CSRL8I-W |
| J | Brown | | CSRL8J-W |
| K | Beige | | CSRL8K-W |
| Stainless (Type 430) | | | |
| A | Red | CSRLA-S-W | |
| B | White | CSRLB-S-W | |
| C | Blue | CSRLC-S-W | |
| C/D | Orange | CSRLC/D-S-W | CSRL8C/D-S-W |
| D | Green | CSRLD-S-W | CSRL8D-S-W |
| E | Purple | CSRLE-S-W | CSRL8E-S-W |
| F | Yellow | CSRLF-S-W | CSRL8F-S-W |
| G | Black | CSRLG-S-W | CSRL8G-S-W |
| H | Gray | | CSRL8H-S-W |
| I | Lt. Blue | | CSRL8I-S-W |
| J | Brown | | CSRL8J-S-W |
| K | Beige | | CSRL8K-S-W |
| L | Teal | | CSRL8L-S-W |



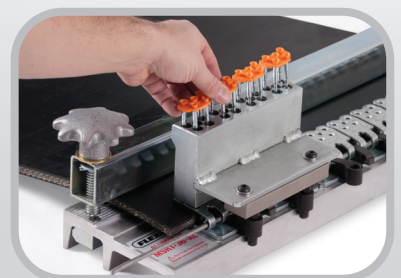
Rapid Loader™ Collated Rivet Strips



Conveniently packed, easy-to-use



Rapid Loader™ Collated Rivet Strips with washers



Speed Installation Time



FLEXCO® SR™

Rivet Hinged Fastening System

Hinge Pins

Selection Charts

A wide selection makes it easy to match pins to the needs of the application. Selection ranges from bare steel cable to nylon-covered armored cable. Use the brief descriptions and the chart below to identify which hinge pins are available for each fastener type.

Hinge Pin Material Selection

AC – Bare Armored

Cable: Heavy-duty, long-wearing pin popular in underground mining applications. Armor wrapping protects interior wires.

ACS – Bare Armored

Stainless Steel Cable: The same advantages as bare armored cable plus corrosion resistance.

NAC – Nylon Covered

Armored Cable: Combines a durable armored steel wrap with a nylon covering for smooth operation and long service life. Nylon covering prevents pin migration. Not recommended in wet, abrasive applications.

NC – Nylon Covered

Steel Cable: Nylon covering prevents pin migration. Not recommended in wet, abrasive applications. For R2 and R5 only.

NCS – Nylon Covered

Stainless Steel Cable: For greater corrosion resistance. Not recommended in wet, abrasive applications. For R2 and R5 only.

SC – Bare Steel Cable:

Recommended for abrasive or gritty material conveyance.

SSC – Bare Stainless Steel

Cable: For conditions where corrosion attacks steel pins. For R2 and R5 only.



| R2 & R5 | | | | | | | | | | |
|-------------|---|-----------------------|---|-----------------------|--|-----------------------|---|-----------------------|---|-----------------------|
| Belt Width | Ordering Number | | | | | | | | | |
| | AC Bare Armored Cable (1/4" Dia.) | | *ACS Bare Armored Stainless Cable (7/64" 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.) | |
| mm | Each (One Pin) | Package (Ten Pins) | Each (One Pin) | Package (Ten Pins) | Each (One Pin) | Package (Ten Pins) | Each (One Pin) | Package (Ten Pins) | Each (One Pin) | Package (Ten Pins) |
| 300 | | | | | | | NC-12-1 | | | |
| 450 | AC-18-1 | AC-18 | | | NAC-18-1 | NAC-18 | NC-18-1 | NC-18 | | |
| 500 | | | | | | | NC-20-1 | | | |
| 600 | AC-24-1 | AC-24 | | | NAC-24-1 | NAC-24 | NC-24-1 | NC-24 | NCS-24-1 | NCS-24 |
| 750 | AC-30-1 | AC-30 | ACS-30-1 | ACS-30 | NAC-30-1 | NAC-30 | NC-30-1 | NC-30 | NCS-30-1 | NCS-30 |
| 900 | AC-36-1 | AC-36 | ACS-36-1 | ACS-36 | NAC-36-1 | NAC-36 | NC-36-1 | NC-36 | NCS-36-1 | NCS-36 |
| 1050 | AC-42-1 | AC-42 | ACS-42-1 | ACS-42 | NAC-42-1 | NAC-42 | NC-42-1 | NC-42 | NCS-42-1 | NCS-42 |
| 1200 | AC-48-1 | AC-48 | ACS-48-1 | ACS-48 | NAC-48-1 | NAC-48 | NC-48-1 | NC-48 | NCS-48-1 | NCS-48 |
| 1350 | AC-54-1 | | ACS-54-1 | ACS-54 | NAC-54-1 | | NC-54-1 | NC-54 | NCS-54-1 | NCS-54 |
| 1500 | AC-60-1 | | ACS-60-1 | ACS-60 | NAC-60-1 | | NC-60-1 | NC-60 | NCS-60-1 | NCS-60 |
| 1800 | AC-72-1 | | ACS-72-1 | ACS-72 | NAC-72-1 | | NC-72-1 | NC-72 | NCS-72-1 | |
| *300 Series | | | | | | | 100 Foot Coils | | 100 Foot Coils | |
| | | | | | | | NC-C | | NCS-C | |

FLEXCO® SR™

Rivet Hinged Fastening System

Hinge Pins

For R2 & R5

| Belt Width | Ordering Number | | | |
|------------|---------------------------------|--------------------|--|--------------------|
| | SC Bare Steel Cable (1/4" Dia.) | | *SSC Bare Stainless Cable (7/32" Dia.) | |
| mm | Each (One Pin) | Package (Ten Pins) | Each (One Pin) | Package (Ten Pins) |
| 450 | | SC-18 | | SSC-18 |
| 600 | SC-24-1 | SC-24 | SSC-24-1 | SSC-24 |
| 750 | SC-30-1 | SC-30 | SSC-30-1 | SSC-30 |
| 900 | SC-36-1 | SC-36 | SSC-36-1 | SSC-36 |
| 1000 | | | | |
| 1050 | SC-42-1 | SC-42 | SSC-42-1 | SSC-42 |
| 1150 | | | | |
| 1200 | SC-48-1 | SC-48 | SSC-48-1 | SSC-48 |
| 1350 | SC-54-1 | SC-54 | SSC-54-1 | SSC-54 |
| 1500 | SC-60-1 | SC-60 | SSC-60-1 | SSC-60 |
| 1800 | SC-72-1 | | SSC-72-1 | |

*300 Series

For R5

| Belt Width | Ordering Number | | | |
|------------|-------------------------------------|--------------------|---|--------------------|
| | SC932 Bare Steel Cable (9/32" Dia.) | | *SSC932 Bare Stainless Cable (9/32" Dia.) | |
| mm | Each (One Pin) | Package (Ten Pins) | Each (One Pin) | Package (Ten Pins) |
| 450 | SC932-18-1 | | SSC932-18-1 | |
| 600 | SC932-24-1 | | SSC932-24-1 | |
| 750 | SC932-30-1 | SC932-30 | SSC932-30-1 | SSC932-30 |
| 900 | SC932-36-1 | SC932-36 | SSC932-36-1 | SSC932-36 |
| 1000 | SC932-40-1 | SC932-40 | SSC932-40-1 | SSC932-40 |
| 1050 | SC932-42-1 | SC932-42 | SSC932-42-1 | SSC932-42 |
| 1150 | SC932-46-1 | SC932-46 | SSC932-46-1 | SSC932-46 |
| 1200 | SC932-48-1 | SC932-48 | SSC932-48-1 | SSC932-48 |
| 1350 | SC932-54-1 | SC932-54 | SSC932-54-1 | SSC932-54 |
| 1500 | SC932-60-1 | SC932-60 | SSC932-60-1 | SSC932-60 |
| 1800 | SC932-72-1 | | SSC932-72-1 | |

*300 Series

For R5½, R6, R6LP

| Belt Width | Ordering Number | | | |
|------------|--|--------------------|------------------------------------|--------------------|
| | AC6 Bare Armored Steel Cable (3/8" Dia.) | | SC6 Bare Steel Cable (23/64" Dia.) | |
| mm | Each (One Pin) | Package (Ten Pins) | Each (One Pin) | Package (Ten Pins) |
| 600 | AC6-24-1 | AC6-24 | | |
| 750 | AC6-30-1 | AC6-30 | | |
| 900 | AC6-36-1 | AC6-36 | | SC6-36 |
| 1000 | AC6-40-1 | AC6-40 | SC6-40-1 | SC6-40 |
| 1050 | AC6-42-1 | AC6-42 | SC6-42-1 | SC6-42 |
| 1150 | | | SC6-46-1 | SC6-46 |
| 1200 | AC6-48-1 | AC6-48 | SC6-48-1 | SC6-48 |
| 1350 | AC6-54-1 | AC6-54 | SC6-54-1 | SC6-54 |
| 1500 | AC6-60-1 | AC6-60 | SC6-60-1 | SC6-60 |
| 1800 | AC6-72-1 | AC6-72 | SC6-72-1 | SC6-72 |
| 2130 | | AC6-84 | SC6-84-1 | SC6-84 |

*300 Series

For R5½, R6, R6LP, R8

| Belt Width | Ordering Number | |
|------------|--|--------------------|
| | *ACS6 Bare Armored Stainless Cable (3/8" Dia.) | |
| mm | Each (One Pin) | Package (Ten Pins) |
| 600 | | |
| 750 | | |
| 900 | ACS6-36/900-1 | ACS6-36/900 |
| 1000 | ACS6-40-1 | ACS6-40 |
| 1050 | ACS6-42-1 | ACS6-42 |
| 1150 | ACS6-46-1 | ACS6-46 |
| 1200 | ACS6-48-1 | ACS6-48 |
| 1350 | ACS6-54-1 | ACS6-54 |
| 1500 | ACS6-60-1 | ACS6-60 |
| 1800 | ACS6-72-1 | ACS6-72 |
| 2130 | ACS6-84-1 | ACS6-84 |

*300 Series

For R6, R6LP

| Belt Width | Ordering Number | |
|------------|--|--------------------|
| | NAC6 Nylon Covered Armored Cable (13/32" Dia.) | |
| mm | Each (One Pin) | Package (Ten Pins) |
| 600 | NAC6-24-1 | NAC6-24 |
| 750 | NAC6-30-1 | NAC6-30 |
| 900 | NAC6-36-1 | NAC6-36 |
| 1000 | NAC6-40-1 | NAC6-40 |
| 1050 | NAC6-42-1 | NAC6-42 |
| 1150 | NAC6-46-1 | NAC6-46 |
| 1200 | NAC6-48-1 | NAC6-48 |
| 1350 | NAC6-54-1 | NAC6-54 |
| 1500 | NAC6-60-1 | NAC6-60 |
| 1800 | NAC6-72-1 | NAC6-72 |
| 2130 | NAC6-84-1 | NAC6-84 |

For R9

| Belt Width | Ordering Number | |
|------------|--|----------------|
| | *NCS Nylon Covered Stainless Cable (5/8" dia.) (3/4" dia.) | |
| mm | Each (One Pin) | Each (One Pin) |
| 600 | | |
| 750 | | |
| 900 | | |
| 1000 | | |
| 1050 | | |
| 1150 | | |
| 1200 | NCS962-48-1 | NCS975-48-1 |
| 1350 | NCS962-54-1 | NCS975-54-1 |
| 1500 | NCS962-60-1 | NCS975-60-1 |
| 1800 | NCS962-72-1 | NCS975-72-1 |
| 2130 | NCS962-84-1 | NCS975-84-1 |

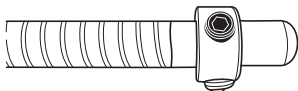
*300 Series

Hinge Pin Retaining Collars

Prevent "pin migration." These utilize knurled point screws and self-locking nylon patches to hold hinge pin in place.

Hinge Pin Retaining Collars

| For Pin Diameter | Ordering Number |
|------------------|-----------------|
| 7/32-9/32 | HPRET1 |
| 23/64-13/32 | HPRET2 |



Sift Stop Foam Strip

Creates a sealed joint to prevent sifting. These strips can be used with R5-R8.

| Sift Stop Foam Strip | |
|----------------------|-----------------|
| Size | Ordering Number |
| 12.2 M (40 ft) | XPSS-40 |



FLEXCO® SR™

Rivet Hinged Fastening System

Hand Applicator Tools

MSRT Multiple Rivet Driving Tool

Easy-to-use, portable tool that makes multiple rivet driving simple and fast. The MSRT tool holds the belt, fastener strip, and the guide block (included) securely in place. Using the multiple drive rod, up to 8 rivets can be driven simultaneously. Plus, each guide block holds enough rivets to install four fastener plates before reloading.



Aluminum MSRT

Aluminum MSRT

The easy-to-use Aluminum MSRT tool complements our Flexco® SR™ Fastening System with a focus on providing a lightweight, portable application tool. The tool features:

- Fast, accurate positioning of fastener strips
- Riser plate allows for smooth transition of belt in fastener strips
- Robust design on clamp bar with Acme threading provides maximum holding capabilities
- Cambered Clamp Bar and riser plate designed with serrated grips for more secure clamping and operator efficiency

| 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 |

| Steel MSRT | |
|--|-----------------|
| MSRT Applicator Complete* For installation of R5, R5½, and R6 Fasteners | |
| Belt Width mm | Ordering Number |
| 750 | MSRT-30 |
| 900 | MSRT-36 |
| 1050 | MSRT-42 |
| 1200 | MSRT-48 |
| 1500 | MSRT-60 |
| 1800 | MSRT-72 |
| 2130 | MSRT-84 |
| MSRT8 Applicator Complete* For installation of R6, R6LP, and R8 Fasteners | |
| 1200 | MSRT8-48 |
| 1500 | MSRT8-60 |
| 1800 | MSRT8-72 |
| 2130 | MSRT8-84 |
| Aluminum MSRT9 Applicator Complete* For installation of R9 Fasteners | |
| 1200 | MSRT9-48 |
| 1500 | MSRT9-60 |
| 1800 | MSRT9-72 |
| 2130 | MSRT9-84 |

| Aluminum MSRT | |
|---|-----------------|
| Aluminum MSRT Applicator Complete* For installation of R5, R5½, and R6 Fasteners | |
| Belt Width mm | Ordering Number |
| 750 | MSRT-30-AL |
| 900 | MSRT-36-AL |
| 1050 | MSRT-42-AL |
| 1200 | MSRT-48-AL |
| 1500 | MSRT-60-AL |
| 1800 | MSRT-72-AL |
| 2130 | MSRT-84-AL |
| 2430 | MSRT-96-AL |
| Aluminum MSRT8 Applicator Complete* For installation of R6 and R8 Fasteners | |
| 1200 | MSRT8-48-AL |
| 1500 | MSRT8-60-AL |
| 1800 | MSRT8-72-AL |
| 2130 | MSRT8-84-AL |
| 2430 | MSRT8-96-AL |

*Includes two Multiple Guide Blocks, two Multiple Drive Rods, two 4 lb. Hammers, Lubricant and one Canvas Carry Bag.

SRTA Single Rivet Driving Tool

Used for single rivet driving, the SRTA tool includes an anvil plate surface and the SR-50 driver. The SR-50 holds and positions the rivet and helps ensure safe rivet driving. It's also portable, economical, and requires little maintenance.

R2T Tool

The economically priced R2 fastener application tool is lightweight and portable, so it is ideal for quick repairs. The six-pound R2T tool installs up to 12" (300 mm) of R2 fasteners in one pass. For wider belts, simply move the tool over. For use with standard SR self-setting rivets and a two-pound hammer.

| SRTA Applicator Complete | |
|--------------------------|-----------------|
| Belt Width mm | Ordering Number |
| 750 | SRTA-30 |
| 900 | SRTA-36 |
| 1050 | SRTA-42 |
| 1200 | SRTA-48 |
| 1500 | SRTA-60 |
| 1800 | SRTA-72 |
| 2130 | SRTA-84 |

Includes one SR-50 Driver



| Single Rivet Driver Tool | |
|--------------------------|-----------------|
| Description | Ordering Number |
| Driver Tool Complete | SR-50 |
| Drive Rod | SR5-7 |

| R2T Applicator Tool | |
|-----------------------|-----------------|
| Tool Size mm | Ordering Number |
| 300 | R2T |
| Replacement Parts | |
| Gauge Pin Guide | SR26 |
| Anvil Insert (14/Bag) | R2T-AI |

Use with SR-50 Single Rivet Driver



FLEXCO® SR™

Rivet Hinged Fastening System

Power Installation Tools

Pneumatic Single Rivet Driver

Faster, more consistent rivet driving for heavy-duty rivet hinged splices. The Pneumatic Single Rivet Driver, along with our Flexco® SR™ fasteners and applicator tools, speeds installation by up to 33%. A single trigger pull per rivet takes the guesswork out of rivet driving to give you a uniform long-lasting splice every time.

- A powerful single trigger pull saves time and reduces worker fatigue
- Single trigger action along with collated rivets with washers and specially designed steel guide blocks assures consistent rivet driving, leading to a longer lasting splice
- A heavy-duty tool built to stand up to tough use
- Works with standard MSRT or MBRTA applicator tools

Ordering Information

| Description | Ordering Number | Item Code |
|--|-----------------|-----------|
| Pneumatic Single Rivet Driver* | Pneudrive1 | 41992 |
| 8 Rivet Pattern SR™ Steel Guide Blocks | 35RD-GB8-4 | 41998 |
| 5 Rivet Pattern SR™ Steel Guide Blocks | 35RD-GB5-4 | 42000 |

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

The Flexco/Hilti DX 460-SR Powder Actuated Installation Method

The portable Hilti DX 460-SR and the Flexco MSRT applicator tool eliminate the need for heavy and cumbersome installation tools. The DX 460-SR is a fully-automatic, .27 caliber powder-actuated fastening tool with power adjustment dial and automatic cartridge advance and piston return has been approved by MSHA for use in underground, gassy coal mines in the USA (MSHA PAD-1/02).

Installation requires only a standard Flexco® MSRT applicator tool, a steel guide block assembly, Rapid Loader™ Collated Rivets with Washers, and the DX 460-SR.

The Hilti DX 460-SR is available from Hilti Mining.



Phone: 1-800-950-6614

Fax: 1-800-950-6610

Consult your local Hilti representative for training on safe and effective use of the Hilti DX 460-SR system.



Consistent, long-lasting splice every time



The Pneumatic Single Rivet Driver is protected by a portable carrying case



FLEXCO® SR™

Rivet Hinged Fastening System

Power Installation Tools

To make installation of mechanical rivet fasteners quicker and easier, Flexco offers portable power tools. They not only reduce worker fatigue, but also ensure the creation of uniform splices, every time.

Electric Powered Rivet Driver

Speed installation of occasional splicing as well as production splicing with a portable Electric Powered Rivet Driver.

- Ergonomically designed and balanced
- Uses standard 110 volt electric
- Comes with custom drive rod for use with standard MSRT installation tools
- Works with standard MSRT guide blocks to ensure proper rivet placement

| Electric Powered Rivet Driver | |
|--------------------------------------|-----------------|
| Description | Ordering Number |
| Standard Kit * | EPRDSSK-1 |
| Straight Shank Replacement Drive Rod | EPRDSS-DR |
| Step Shank** Replacement Drive Rod | EPRDVS-DR |

*Kit includes Driver, two Custom Drive Rods, and Convenient Carrying Case.

**For use with previous model: EPRDVS-1.



Electric Powered Rivet Driver



Electric Powered Rivet Driver Installation

Air Powered Rivet Driver

For fast, safe installation of Flexco® Rivet Hinged Fasteners, use the Air Powered Rivet Driver.

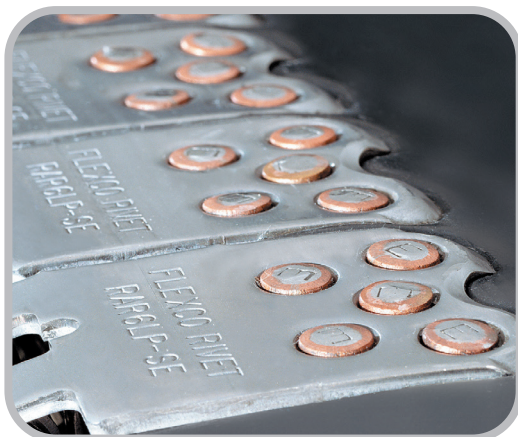
- Small, lightweight tool for easy use
- Comes with custom drive rod for use with standard MSRT applicator tools
- Ergonomic handle for added operator comfort
- Requires a minimum air pressure 90 PSI for operation

| Air Powered Rivet Driver | |
|--|-----------------|
| Description | Ordering Number |
| Air Powered Rivet Driver-Complete* | PTRDK |
| Replacement Parts | |
| Air Powered Rivet Driver | PTAH |
| Retaining Spring | PTRD-RS |
| Drive Rod with Hold Down Spring and Washer | PTRD-DR |

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

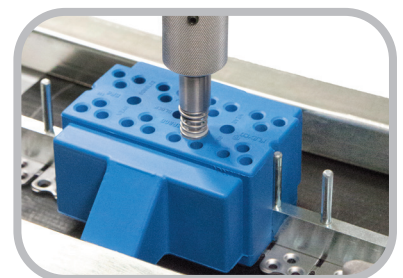


Air Powered Rivet Driver



Consistent Splicing

The heavy-duty tool allows for more compression of fastener plates resulting in a smooth and consistent splice that is compatible with conveyor components.



Air Powered Rivet Driver Installation

FLEXCO® SR™

Rivet Hinged Fastening System

Belt Preparation Tools

Flex-Lifter™ Belt Lifter

Lifting a conveyor belt out of the way to do belt repair and maintenance can be a difficult and hazardous job. The Flex-Lifter™ safely lifts and holds tensioned conveyor belts up to the stated ratings.

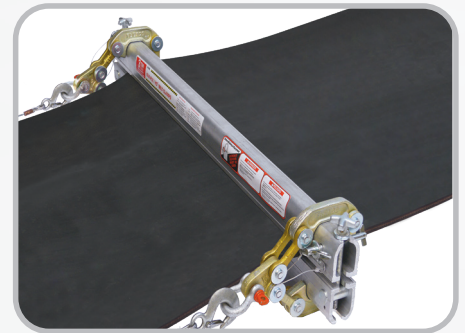
- Highest safe lift rating available:
1810 kg for the Medium and Large models; 2700 kg for the XL model
- Eliminates pry bars and manual lifting
- Wide, dual-rail base maintains unit stability
- Optimized lift height provides sufficient room to make repairs safely

| Flex-Lifter™ | |
|----------------------|-----------------|
| Description | Ordering Number |
| Medium Flex-Lifter | FL-M |
| Large Flex-Lifter | FL-L |
| XL Flex-Lifter | FL-XL |
| XL V-Return Lift Bar | FLVRL-XL |

| Aluminum Content | | |
|---------------------|--------------|-------------|
| 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 |



Flex-Lifter™ Belt Lifter



Far-Pul™ HD® Belt Clamp

Far-Pul™ HD Belt Clamps

Easy-to-use, lightweight and sturdy belt clamp, specially engineered for heavy-duty applications. With a load capacity up to 2.7 metric tons when used with two 1-1/2 ton come-alongs, it securely grips belts up to 25 mm thick.

- Provides even tensioning across belt width
- Retaining pins ensure scissors remain secured on the bar
- Each set includes four clamp bars and four steel clamp scissors with carry bag

| Far-Pul™ HD® Belt Clamps | |
|--------------------------|-----------------|
| Belt Width | Ordering Number |
| mm | |
| Up to 750 | LSHD30 |
| Up to 900 | LSHD36 |
| Up to 1050 | LSHD42 |
| Up to 1200 | LSHD48 |
| Up to 1350 | LSHD54 |
| Up to 1500 | LSHD60 |
| Up to 1800 | LSHD72 |

| Aluminum Content | | |
|---------------------|--------------|-------------|
| Aluminum Alloy Type | Percent | |
| | Mg Magnesium | Ti Titanium |
| 6061 | 1.0 | 0.0 |



Belt Grip

Belt Grip

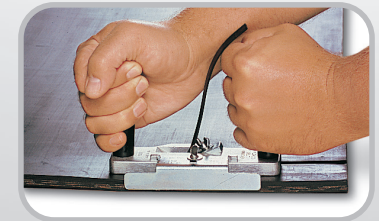
When the belt grip is slipped over the belt edge at a right angle, belts can be pulled without damaging the belt surface.

| Belt Grip | |
|------------------|-----------------|
| Description | Ordering Number |
| Sold by the pair | 22 |

Flexco® Belt Groover

Helps extend belt fastener service life by minimizing the effects of scraper and return idler impact on splices.

| Flexco® Belt Groover | |
|----------------------|--|
| Ordering Number | |
| FBG1 | |



Flexco® Belt Groover

Silicone Lubricant

Reduce friction on metal tools and rubber or fabric belt surfaces. Non-flammable. Does not contain fluorocarbons.

| Silicone Lubricant | |
|--------------------|--|
| Ordering Number | |
| SL5-1 | |



Silicone Lubricant



FLEXCO® SR™ Rivet Hinged Fastening System

Belt Preparation Tools

Electric Belt Cutter

The Electric Belt Cutter quickly and easily cuts all types of belting from the softest of natural rubbers to the hardest constructed solid woven PVC and fabric plied belts.

- Designed for cutting all belt widths as well as for extended, longitudinal cuts
- High speed, steel blade provides for a smooth, accurate cut
- Spring loaded blade guard protects operator from cutting edge of blade
- Cordless versions allow maximum portability and convenience

Ordering Information

| Description | Ordering Number | Item Code |
|----------------|-----------------|-----------|
| Corded Model | EBC1 | 30001 |
| | EBC2 | 30002 |
| Cordless Model | CEBC1 | 30018 |
| | CEBC2 | 30019 |

Cutting Capacity

| Description | EBC1/CEBC1 |
|-------------|---------------|
| | Metric |
| Rubber Belt | Up to 25 mm |
| PVC Belt | Up to 630 EP |
| Description | EBC2/CEBC2 |
| | Metric |
| Rubber Belt | Up to 50 mm |
| PVC Belt | Up to 2000 EP |

900 Series* Belt Cutter

The 900 Series Belt Cutter incorporates numerous features for easy, smooth cutting of belts with extreme accuracy.

- Cuts belts up to 38 mm
- Durable blade design that produces highly accurate cuts while being fully enclosed for safety
- Quick belt clamp feature

* Patent pending

900 Series* Belt Cutter

| Description | Belt Width | Ordering Number |
|---------------------------------------|------------|-----------------|
| | mm | |
| Cutter Complete for belts up to 38 mm | 900 | 900936 |
| | 1200 | 900948 |
| | 1500 | 900960 |
| | 1800 | 900972 |
| | 2130 | 900984 |
| Replacement Blade Kit | | 900CBK |

FSK™ Belt Skiver

Portable, lightweight skiver adjusts easily and precisely to various cutting depths up to 9.5 mm. It's easy to carry and operate around the job site – even in cramped operating environments.

- Ideal for rubber-covered belts with top covers 4.5 mm thick or more
- Blade safely enclosed during skiving operations
- Drive Rollers aggressively grip belt for added traction and stability

Aluminum Content

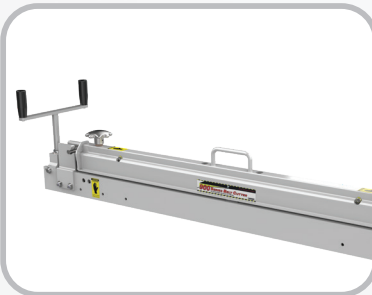
| Aluminum Alloy Type | Percent | |
|---------------------|--------------|-------------|
| | Mg Magnesium | Ti Titanium |
| 5356 | 5.5 | 0.2 |
| 6005 | 0.6 | 0.1 |
| 6061 | 1.0 | 0.0 |
| 7075 | 2.5 | 0.0 |

FSK™ Belt Skiver

| Description | Ordering Number |
|------------------------------------|-----------------|
| Skiver Complete with Plastic Fence | FSK2 |
| Skiver Complete with Metal Fence | FSK2M |



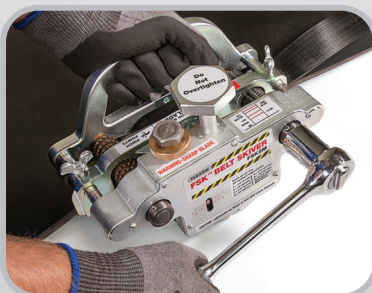
Electric Belt Cutter



900 Series* Belt Cutter



FSK™ Belt Skiver



FSK™ Belt Skiver with metal fence

Visit www.flexco.com for other Flexco locations and products, or to find an authorised distributor.

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