Belt Lacing Systems By:

Lacing Systems Available:
- Clipper Lacing
- Alligator Lacing
- Staple Fasteners
- Rivet Fasteners
- V-Belt Fasteners
- Bolt Hinged Fasteners
- Rivet Hinged Fasteners
- Bolt Solid Plate Fasteners

Lacing Styles:

- Recessed
- Hidden
- Flap Over
- Standard (Exposed)
How Anchor™/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.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Installation Method</th>
<th>What You Need for Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Package and Parts Handling</td>
<td>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.</td>
<td>• Hooks</td>
</tr>
<tr>
<td>• Food Processing</td>
<td></td>
<td>• Connecting Pin</td>
</tr>
<tr>
<td>• Checkout Counters</td>
<td></td>
<td>• Installation Tool</td>
</tr>
<tr>
<td>• Commercial Laundries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Filter Media</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Agriculture</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How to Specify the Correct Clipper® Fastener

1. Measure your Belt Thickness (kN/m, 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 10 for Anchor/Clipper Fastener selection chart.
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
Requirements 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 (kN/m, P.I.W).
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.

Steel. Standard fastener material.
Stainless Steel. Type 316 Stainless Steel

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

<table>
<thead>
<tr>
<th>Lacing Size</th>
<th>For Belts With Mechanical Fastener Ratings Up To:</th>
<th>Belt Thickness Range</th>
<th>Recommended Min. Pulley Diameter</th>
<th>Approx. Corrugated Hinge Pin Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kN/m</td>
<td>P.I.W.</td>
<td>mm</td>
<td>in.</td>
</tr>
<tr>
<td>00</td>
<td>4.3</td>
<td>25</td>
<td>Up thru 1.6</td>
<td>Up thru 1/16</td>
</tr>
<tr>
<td>1</td>
<td>7.8</td>
<td>45</td>
<td>1.6-2.4</td>
<td>1/16-3/32</td>
</tr>
<tr>
<td>7</td>
<td>8.7</td>
<td>50</td>
<td>2.4-3.8</td>
<td>3/32-9/64</td>
</tr>
<tr>
<td>15</td>
<td>11.4</td>
<td>65</td>
<td>3.2-4.0</td>
<td>1/8-5/32</td>
</tr>
<tr>
<td>20</td>
<td>16.6</td>
<td>95</td>
<td>4.0-4.8</td>
<td>5/32-3/16</td>
</tr>
<tr>
<td>25</td>
<td>17.5</td>
<td>100</td>
<td>4.8-5.6</td>
<td>3/16-7/32</td>
</tr>
<tr>
<td>27</td>
<td>17.5</td>
<td>100</td>
<td>5.6-7.1</td>
<td>7/32-9/32</td>
</tr>
<tr>
<td>35</td>
<td>26.0</td>
<td>150</td>
<td>7.1-7.9</td>
<td>9/32-5/16</td>
</tr>
<tr>
<td>45</td>
<td>28.0</td>
<td>165</td>
<td>7.9-9.5</td>
<td>5/16-3/8</td>
</tr>
<tr>
<td>55</td>
<td>30.0</td>
<td>175</td>
<td>9.5-11.1</td>
<td>3/8-7/16</td>
</tr>
<tr>
<td>65</td>
<td>35.0</td>
<td>200</td>
<td>11.1-12.7</td>
<td>7/16-1/2</td>
</tr>
</tbody>
</table>
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 conjunction 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

<table>
<thead>
<tr>
<th>Applications</th>
<th>Installation Method</th>
<th>What You Need for Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Package and Parts Handling</td>
<td>A portable, lightweight application tool</td>
<td>• Fasteners</td>
</tr>
<tr>
<td>• Cased Goods</td>
<td>in easily carried to the job for on-site</td>
<td>• Hinge Pin</td>
</tr>
<tr>
<td>• Food</td>
<td>installation. The tool holds belt and</td>
<td>• Installation Tool</td>
</tr>
<tr>
<td>• Wood</td>
<td>fastener while staples are set with</td>
<td>• Staple Driver</td>
</tr>
<tr>
<td>• Agricultural Products</td>
<td>a hammer and a staple driver.</td>
<td>• 0.5 kg (1 lb.) Hammer</td>
</tr>
</tbody>
</table>

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

1. Determine Belt Tension (kN/m, 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

<table>
<thead>
<tr>
<th>Fastener Size</th>
<th>Operating Tension Range</th>
<th>Belt Thickness Range</th>
<th>Min. Pulley Diameter</th>
<th>Approx. Hinge Pin Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kN/m</td>
<td>P.I.W.</td>
<td>mm</td>
<td>in.</td>
</tr>
<tr>
<td>RS62</td>
<td>17</td>
<td>100</td>
<td>1.5-3.2</td>
<td>1/16-1/8</td>
</tr>
<tr>
<td>RS125</td>
<td>28</td>
<td>160</td>
<td>3.2-4.8</td>
<td>1/8-3/16</td>
</tr>
<tr>
<td>RS187</td>
<td>35</td>
<td>200</td>
<td>4.8-6.4</td>
<td>3/16-1/4</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Installation Method</th>
<th>What You Need for Installation</th>
</tr>
</thead>
</table>
| Hay Baling         | Fasteners are installed in one simple procedure with self-setting rivets, using a portable fixture and hammer. | • Fasteners  
• Rivets  
• Hinge Pin  
• Installation Tool  
• 0.5 kg (1 lb.) Hammer |

How to Specify the Correct Alligator® Rivet Fastener

<table>
<thead>
<tr>
<th>Fastener Metal Selection</th>
<th>Hinge Pin Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fits most round hay balers. Contact Customer Service for more information.</td>
<td>Stainless Steel. Type 300 Series Stainless Steel.</td>
</tr>
</tbody>
</table>

| How Alligator® Rivet Fasteners Work | Steel Corrugated - the standard metal pin. Corrugations retain pin within the splice.  
|-------------------------------------| Steeless Steel Spring Wire - resists wear and corrosion. |

<table>
<thead>
<tr>
<th>Applications</th>
<th>Installation Method</th>
<th>What You Need for Installation</th>
</tr>
</thead>
</table>
| Hay Baling    | Fasteners are installed in one simple procedure with self-setting rivets, using a portable fixture and hammer. | • Fasteners  
• Rivets  
• Hinge Pin  
• Installation Tool  
• 0.5 kg (1 lb.) Hammer |

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<tr>
<th>Applications</th>
<th>Installation Method</th>
<th>What You Need for Installation</th>
</tr>
</thead>
</table>
| Hay Baling    | Fasteners are installed in one simple procedure with self-setting rivets, using a portable fixture and hammer. | • Fasteners  
• Rivets  
• Hinge Pin  
• Installation Tool  
• 0.5 kg (1 lb.) Hammer |

Alligator® Rivet Fastener Selection Chart

<table>
<thead>
<tr>
<th>Operating Tension Range</th>
<th>Belt Thickness Range</th>
<th>Pulley Diameter</th>
<th>Approx. Hinge Pin Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>kN/m</td>
<td>P.I.W. mm</td>
<td>mm in.</td>
<td>mm in.</td>
</tr>
<tr>
<td>52</td>
<td>300</td>
<td>3.2-5.6 1/8-7/32</td>
<td>88 3-1/2</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Installation Method</th>
<th>What You Need for Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Power Transmission</td>
<td>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.</td>
<td>• Fasteners</td>
</tr>
<tr>
<td>• Agricultural Harvesting</td>
<td></td>
<td>• Hinge Pin</td>
</tr>
<tr>
<td>• Manufacturing</td>
<td></td>
<td>• Staples/Nails</td>
</tr>
<tr>
<td>• Fasteners</td>
<td></td>
<td>• Holder/Tool</td>
</tr>
<tr>
<td>• Hinge Pin</td>
<td></td>
<td>• Rocker Pin Tools</td>
</tr>
<tr>
<td>• Staples/Nails</td>
<td></td>
<td>• 0.5 kg (1 lb.) Hammer</td>
</tr>
<tr>
<td>• Holder/Tool</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Rocker Pin Tools</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 0.5 kg (1 lb.) Hammer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How to Specify the Correct Alligator® V-Belt Fastener

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.

<table>
<thead>
<tr>
<th>Fastener Metal Selection</th>
<th>Hinge Pin Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel. Standard fastener material.</td>
<td>Rocker Pins are included with the fasteners.</td>
</tr>
</tbody>
</table>
# 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 (kN/m, 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.

## 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.

## Flexco® Bolt Hinged Fastener Selection Chart

<table>
<thead>
<tr>
<th>Fastener Size</th>
<th>For Belts With Mechanical Fastener Ratings Up To:</th>
<th>Belt Thickness Range</th>
<th>Recommended Min. Pulley Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kN/m PI.W. mm in.</td>
<td>mm in. 1/4-13/32 mm in.</td>
<td>mm in. 100% of Belt Rating Under 75% of Belt Rating</td>
</tr>
<tr>
<td>375X</td>
<td>33 190 6-11</td>
<td>152 6 102 4</td>
<td></td>
</tr>
<tr>
<td>550</td>
<td>52 300 6-16</td>
<td>230 9 178 7</td>
<td></td>
</tr>
</tbody>
</table>
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 (kN/m, 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.
- SSC Bare Stainless Steel Cable - for corrosion resistance, flat belts.

Flexco® Rivet Hinged Fastener Selection Chart

<table>
<thead>
<tr>
<th>Fastener Size</th>
<th>For Belts With Mechanical Fastener Ratings Up To:</th>
<th>Belt Thickness Range</th>
<th>Recommended Min. Pulley Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kN/m</td>
<td>P.I.W.</td>
<td>mm</td>
</tr>
<tr>
<td>R5</td>
<td>79</td>
<td>450</td>
<td>6-11</td>
</tr>
<tr>
<td>R5-1/2</td>
<td>114</td>
<td>650</td>
<td>8-15</td>
</tr>
<tr>
<td>R6</td>
<td>140</td>
<td>800</td>
<td>10.5-17</td>
</tr>
<tr>
<td>R6LP</td>
<td>140</td>
<td>800</td>
<td>8-18</td>
</tr>
<tr>
<td>R8</td>
<td>263</td>
<td>1500</td>
<td>10.5-17</td>
</tr>
</tbody>
</table>
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

- **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 (kN/m, 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.
- **Flexco®VP™.** Rubber covered steel top plates.

### Hinge Pin Selection

- No Hinge Pin Required.

### Flexco® Bolt Solid Plate Fastener Selection Chart

<table>
<thead>
<tr>
<th>Fastener Size</th>
<th>For Belts With Mechanical Fastener Ratings Up To:</th>
<th>Belt Thickness Range</th>
<th>Recommended Min. Pulley Diameter (90°)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Operating Tension 75-100% of Belt Rating</td>
<td>Operating Tension 50-75% of Belt Rating</td>
<td>Operating Tension Under 50% of Belt Rating</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>in.</td>
<td>mm</td>
</tr>
<tr>
<td>1</td>
<td>kN/m</td>
<td>PI.W.</td>
<td>mm</td>
</tr>
<tr>
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