



# GRIZZLY™

⊕ S C R E W - S P L I C E ⊕



**ASGCO®'s Grizzly™ Screw-Splice** is a strong and flexible rubber splice that screws directly on the conveyor belt, with great accuracy and precision.

The Grizzly™ Screw-Splice conveyor belt splicing and fastening system delivers power, strength, and flexibility in every application. It is the perfect fastener to save you time and money while allowing a quick, accurate, and easy installation. ASGCO®'s Grizzly™ Screw-Splice outperforms competitor's products by offering more tensile strength and durability.

Compared to traditional metal fasteners, this splice is much stronger, wears less, and has a low-profile silhouette that is easier on the components of your conveyor systems. The Grizzly™ Screw-Splice includes specialized self-tapping and self-drilling screws that uphold the toughness of the conveyor belt by passing through the belt carcass instead of creating holes, which significantly compromises strength.



Available per inch or in complete roll length



## Available Rubber Compound Types

### Abrasion Resistant

AR

Our standard highly abrasion resistant rubber compound used in quarries, mining, recycling and other high impact and abrasion applications.

### Heat Resistant

HTR

High temperature, 400°F (204°C) rubber compound used in cement plants, foundries, chemical processing and other high temperature applications.

### Low Temperature

LT

Our low temperature resistant rubber compound is ideal for conveying bulk material at -20°F (-28°C).

### Bare Back

BB

Low friction fabric backed with rubber top cover suitable for steel or low friction slider bed applications.

SPECIFICATION	63	65	80	85	100	180	200
Belt Thickness	5/32" to 1/2" 3.97 to 12.7 mm		5/32" to 19/32" 3.97 to 15.08 mm		5/32" to 19/32" 3.97 to 15.08 mm	9/32" to 13/16" 7.14 to 20.64 mm	5/8" - 7/8" 16 to 22 mm
Max. Belt Strength (N/mm)	630		800		1,000	1,800	2000
Max. Belt Tension (PIW)	375		440		700	1050	1200
Min. Pulley (.4 Bias Splice)	8" 200 mm		12" 304 mm		14" 355 mm	24" 609 mm	30" 762 mm
Top Thickness	3/16" - 1/4" 4.76 mm - 6mm		1/4" - 5/16" 6.35 mm - 8 mm		5/16" 8 mm	1/4" 6.35 mm	3/8" 9.52 mm
Bottom Thickness	1/8" 3.17 mm		3/16" 4.76 mm		3/16" 4.76 mm	3/16" 4.76 mm	3/16" 4.76 mm
Roll Length	82' 984" (25000 mm)		82' 984" (25000 mm)		82' 984" (25000 mm)	50' 600" (15000 mm)	50' 600" (15000 mm)

**Need Solutions...to improve efficiency, safety and productivity? ask... ASGCO®**

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- ASGCO® recommends installing the Grizzly™ Screw-Splice on a bias. A 4.8” of drop, for every 12” of belt width is recommended. *Example: BW x 0.4”*

**First**, find the centerline of the belt by marking (4) points down the middle of the belt that are equal distance from the belt’s edge, and connect these points with a chalk line. **Second**, using a framing square, draw a line that is square to the established centerline at the desired cut point. **Third**, measure the proper bias amount from one end of the square line along the belt’s edge and mark that point on the belt. Draw the bias line to connect this point to the square line across the belt’s width.

Use your ASGCO® Magnum Rubber Belt cutter to cut along bias line. Repeat the measurement and cut process on other side of the belt to be spliced.

- Skive the top cover of the belt to the appropriate depth and width to recess the splice. The width will be shorter on the belt that is installed first due to the spacers (Side A).

**NOTE:** This is required when using belt scrapers; Belts with thicker bottom covers can be recessed as well.

**TIP:** Chamfering the leading edges of the belt will help slide the Grizzly™ Screw-Splice into place.

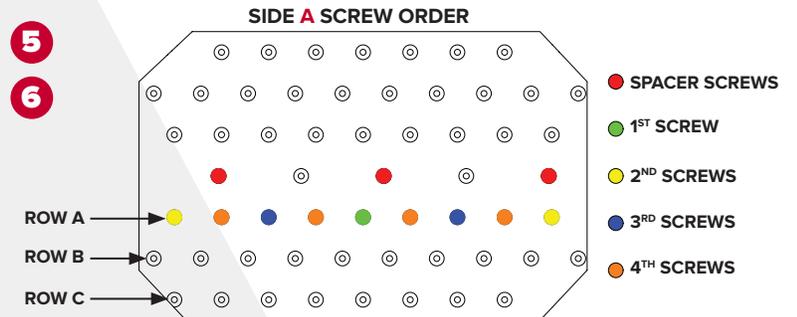
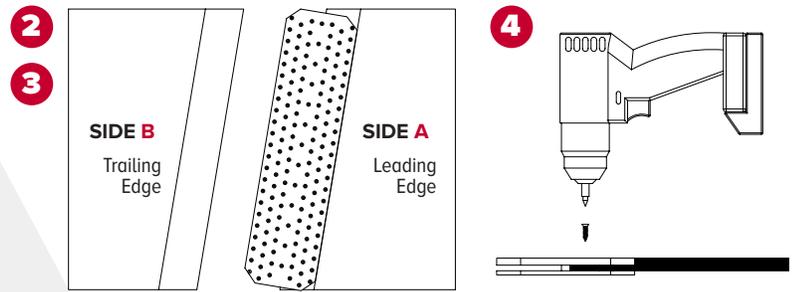
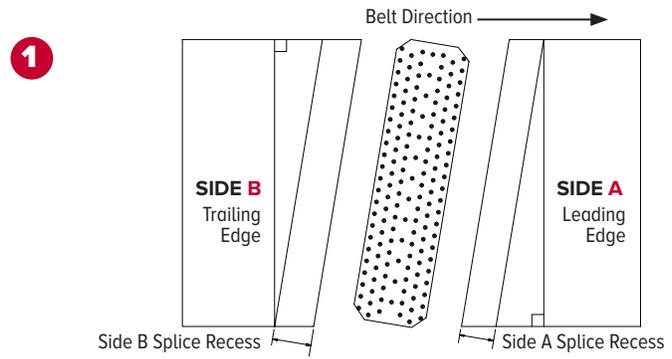
- Slide the Grizzly™ Screw-Splice over the first piece of belt until the edge of belt contacts the spacers in the middle of splice. Leave spacers in place until the installation of the second side of belt.

- Using a clutched screw gun or impact with bits supplied, secure the included screws through the Grizzly™ Screw Splice in the order noted in step 5.

- Install the center screw first (GREEN) in ROW A. Then install the screws in the outermost holes of the fastener (YELLOW). Next, install the screws between the first and second installed screws (BLUE). Continue centering the screws between the last two installed making your way back and forth across the belt.

**NOTE:** Use the proper supplied ptz

- Once all the screws in ROW A are installed, move to ROW B using the same sequence, starting in the middle and centering until all the screws on that side of the fastener are installed; continue pattern to additional rows if applicable.



- REMOVE** the screws and spacers from the middle row; save the screws to install later.

- Slide the other side of the belt (SIDE B) into the fastener, butting both ends of the belt together. In the screws for this side in the same sequence, leaving the middle most row of screws (the spacer row) for last.

