

BELT SPLICES: MAXI-SPLICE SUPER® & ULTRA®

Super Strength, Ultra-Light

ULTRA & SUPER SPLICES

THE PERFECT COMBINATION OF SUPER-STRONG & ULTRA-LIGHT.

THE PERFECT COMBO

HEAVY DUTY ELEVATOR?

THE "SUPER" IS IDEAL FOR BELTS BETWEEN 800-1200 PIW

THE "ULTRA" FITS PERFECTLY ON BELTS UP TO 800 PIW.

SUPER-STRONG

THE SUPER & ULTRA ARE CONSTRUCTED OF HIGH GRADE ALUMINUM, NBR RUBBER WEDGES & SS BOLTS

ULTRA-PERFORMANCE

ULTRA & SUPER ARE ENGINEERED TO OUT-PERFORM TRADITIONAL SPLICES

FEATURES & BENEFITS

- Large Radius for Heavy Belts
- High Grade Aluminum Construction
- Non Sparking / Corrosion Resistant
- NBR Rubber Wedges (High Temp Options Available for Bottom Wedge)



MAXI-SPLICE®
SUPER

MAXI-SPLICE®
ULTRA



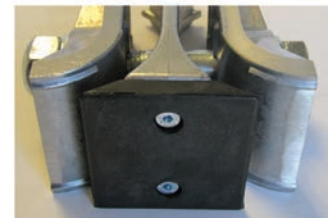
Interlocking Teeth Grip Belt



Heavy Duty Bolts



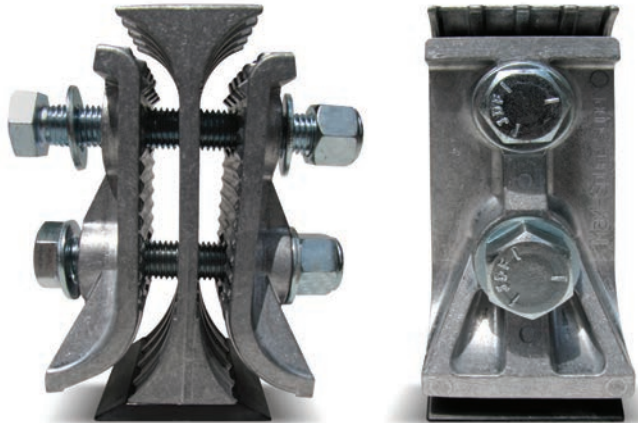
3-Piece Construction



NBR Rubber Wedge

MAXI-SPLICE SUPER® & ULTRA®

Call 1-800-527-0657, Visit MAXILIFT.COM for More Info



MAXI-SPLICE
SUPER

MAXI-SPLICE SUPER

Named for its superior design, performance and size, the **MAXI-SPLICE SUPER** (along with its counterpart the **MAXI-SPLICE ULTRA**) defines the next generation of elevator belt splices. The unique design embraces our **MAXI-SPLICE** three piece construction, with the addition of an NBR rubber wedge to protect against belt wear for long life. Designed with a larger radius for improved belt life, the larger **SUPER** has two bolts for additional clamping force and plate friction. See Specifications on Page 87.

FEATURES

- High Grade, Lightweight Aluminum Construction
- NBR Rubber Wedge Protects Backside of Belt
- High Temp Options Available for Bottom Wedge
- Weight: 4.8 lbs. each
- Two Bolt Design
- 3/4" x 5" and 3/4" x 5-1/2" Hex Head Bolts
- Usable on Belts Rated 800-1200 PIW tensile.



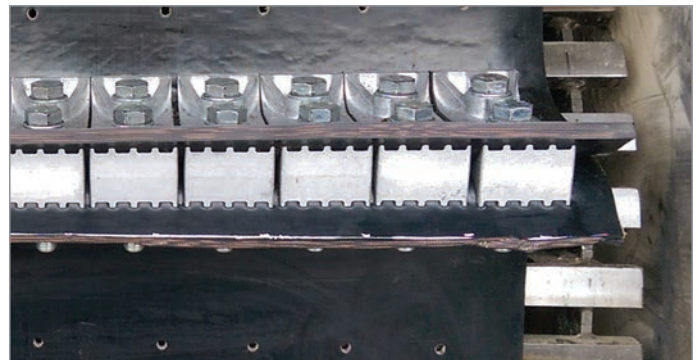
MAXI-SPLICE
ULTRA

MAXI-SPLICE ULTRA

The aptly named **MAXI-SPLICE ULTRA** is perfect companion to the larger **SUPER**. The **ULTRA** features all the advantages of the larger splice, but with a smaller frame and a single bolt design. Designed for belts up to 800 PIW, the **ULTRA** also features the **MAXI-SPLICE** three piece construction and NBR rubber wedge for protection against belt wear and longer life. Like the **SUPER**, the **ULTRA** is designed with a larger radius for improved belt life. See Specifications on Page 87.

FEATURES

- High Grade, Lightweight Aluminum Construction
- NBR Rubber Wedge Protects Backside of Belt
- High Temp Options Available for Bottom Wedge
- Weight: 1.93 lbs. each
- One Bolt Design
- 5/8" x 4-1/2" Hex Head Bolt
- Rated for belts up to 800 PIW



BELT SPLICES: MAXI-SPLICE® AB & CI

For More Information, Call 1-800-527-0657



MAXI-SPLICE® AB

MAXI-SPLICE Belt Fastening Systems

Maxi-Splice is a 3-piece elevator belt splicing device. Trusted for over 30 years, it sets the standard for all who hope to copy it. Make sure you ask for Maxi-Splice by name, and accept no substitutes. For use on PVC and rubber elevator belts. See Specifications on Page 87.

MAXI-SPLICE AB

- 9/16" Diameter Grade 5 Bolt
- 9/16" x 5" Hex Head Bolts
- Non-Ferrous Metal of Very High Tensile Strength
- Usable On Belts of up to 800 PIW Tensile
- Non-Sparking, Non-Corroding & Non-Rusting
- Bronze Color
- Weight: 2.9 Lbs. Each

MAXI-SPLICE CI

- Ferrous Metal of Moderately High Tensile Strength
- 1/2" x 5" Hex Head Bolts
- Usable on Belts of Up to 600 PIW Tensile
- Silver Color
- Weight: 2.6 Lbs. Each

TEMPLATE TAPE - FREE

- Peel and stick directly on belt
- Improves belt-punching accuracy
- Marks hole locations for odd or even width belts
- Clearly marked in white and red lettering
- Included with every splice order

POWER PUNCH *(Drill bits are not recommended)*

- Made with durable heat treated carbon-steel
- Reinforced blade easily cuts 1/2", 9/16", 5/8" and 3/4" diameter holes
- Sized to match your exact splice
- Use with a hand-held mallet, impact wrench, or drill
- Always wear eye protection

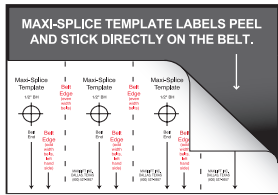
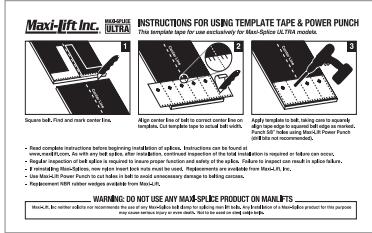


ILLUSTRATION DEPICTS USAGE ON AN 8 INCH BELT.



WARNING: DO NOT USE MAXI-SPLICE ON MANLIFTS!

Please read all instructions before installing any Maxi-Splice product. Instructions can be found at www.maxilift.com. Failure to follow installation instructions may result in splice failure. As with any belt splice, continuous, regular inspections are required or failure can occur.

Never mix Maxi-Splice products on a single installation. Reduced or uneven clamping pressure may occur compromising splice integrity and could result in splice failure.

Maxi-Lift neither solicits nor recommends the use of any Maxi-Splice belt clamp for splicing man-lift belts. Maxi-Splices were neither designed for nor tested for this purpose. Any installation of a Maxi-Splice product for this purpose may result in splice failure causing serious bodily harm or even death. Do not use on steel cable belts.

Do not re-use nylon insert lock nuts when reinstalling Maxi-Splices. Please use new nylock nuts for reinstallation. Replacements are available from Maxi-Lift.

For applications exceeding 250° F, nylon insert lock nuts may not be used, as this temperature range exceeds the manufacturer's threshold for nylon integrity. Compression locking nuts should be utilized instead.

While the AB and CI Maxi-Splice may be used on wing pulleys, they may contribute to wear on the backside of the belt at the splice. It is the user's responsibility to inspect the splice at regular maintenance intervals to prevent failure. Noise may also be heard as the splice contacts the wings of the pulley.

MAXI-LIFT BELT SPLICES

Splice Comparison

BELT SPLICE TECHNICAL DATA SHEET

|  | |  | |  | |  | |  | |  | |
|---|-----------------------------------|---|--|--|--|--|--------------------------|---|--|---|--|
| | | MAXI-SPLICE [®] | MAXI-SPLICE [®] | MAXI-SPLICE [®] ULTRA | MAXI-SPLICE [®] SUPER | MAXI-SPLICE [®] | MAXI-SPLICE [®] | | | | |
| PART DETAILS | Product | MAXI-SPLICE | MAXI-SPLICE | MAXI-SPLICE | MAXI-SPLICE | MAXI-SPLICE | | | | | |
| | Brand | CI | AB | ULTRA | SUPER | TITAN | | | | | |
| SPLICE CONSTRUCTION | Part No. | CI5 | AB5 | ULTRA5 | SUPER5 | TITAN | | | | | |
| | Color | Silver | Manganese Bronze | Silver | Silver | Silver | | | | | |
| | Construction | 3 Piece Mechanical Clamping Device | 3 Piece Mechanical Clamping Device | 3 Piece Mechanical Clamping Device with NBR (Nitrile) Rubber Wedge | 3 Piece Mechanical Clamping Device with NBR (Nitrile) Rubber Wedge | 3 Piece Mechanical Clamping Device with HNBR Rubber Wedge | | | | | |
| | Metal Material | Galvanized Cast Iron | Manganese Bronze | Aluminum | Aluminum | Aluminum | | | | | |
| | Metal Description | Ferrous Cast Iron | Non-Ferrous Bronze | High Grade, Lightweight Aluminum | High Grade, Lightweight Aluminum | High Grade, Lightweight Aluminum | | | | | |
| | Rubber Material | None | None | Replaceable NBR Rubber Wedge | Replaceable NBR Rubber Wedge | Replaceable HNBR Rubber Wedge | | | | | |
| SPLICE SPECIFICATIONS | Weight (lbs.) | 2.60 | 2.90 | 1.93 | 4.80 | Per Application | | | | | |
| | Length | 3" | 3" | 4-1/2" | 6-1/4" | 6" | | | | | |
| | Width | 2" | 2" | 2-1/2" | 3" | Per Application | | | | | |
| | PIW Rated | Up to 600 PIW Tensile | Up to 800 PIW Tensile | Up to 800 PIW Tensile | 800-1200 PIW Tensile | Over 1200 PIW | | | | | |
| | Recommended Belt Thickness | 1/4" to 5/8" | 1/4" to 5/8" | 1/4" to 5/8" | 3/8" to 3/4" | Per Application | | | | | |
| BOLT SPECIFICATIONS | No of Bolts | 1 | 1 | 1 | 2 | Per Application | | | | | |
| | Bolt Grade | Grade 5 Hex Head Bolt | Grade 5 Hex Head Bolt | Grade 5 Hex Head Bolt | Grade 5 Hex Head Bolt | M16 10.9 Hex Head Bolt | | | | | |
| | Bolt Diameter (Inches) | 1/2" | 9/16" | 5/8" | 3/4" | Per Application | | | | | |
| | Bolt Length (Inches) | 5" | 5" | 4-1/2" | 5" and 5-1/2" | Per Application | | | | | |
| | Washers | Yes | Yes | Yes | Yes | Yes | | | | | |
| | Nuts | Nylock | Nylock | Nylock | Nylock | Oval Lock Nut | | | | | |
| | Recommended Torque * | 75 ft./lbs. | 100 ft./lbs. | 125 ft./lbs. | 150 ft./lbs. | Per Application | | | | | |
| | Template Tape Included | Yes | Yes | Yes | Yes | Requires Special Template | | | | | |
| SHIMS | Required Shims Per Belt Thickness | N/A | N/A | Under 5/16" - No Shims 5/16" to 3/8" - 1 Shim 3/8" to 5/8" - 2 Shims | Under 1/2" - No Shims 1/2" to 5/8" - 1 Shim 5/8" to 3/4" - 2 Shims | N/A | | | | | |
| | Max. Operating Temps | 600° F / 350° C | 500° F / 260° C | 200° F / 93° C (NBR Rubber Wedge Limiting Factor) - Alternative Wedges Available for Higher Temperatures | 200° F / 93° C (NBR Rubber Wedge Limiting Factor) - Alternative Wedges Available for Higher Temperatures | 320° F / 160° C (HNBR Hydrogenated Nitrile Butadiene Rubber Wedge Limiting Factor) | | | | | |
| MINIMUM HEAD PULLEY | Nylock Nut Max. Temp | 250° F | 250° F | 250° F | 250° F | 320° F | | | | | |
| | Agricultural (High Speed) ** | 12" | 12" | 24" | 30" | 48" | | | | | |
| BUCKET PROJECTION | Industrial (Centrifugal/Gravity) | 12" | 12" | 20" | 36" | 48" | | | | | |
| | Minimum Recommended | 4" | 4" | 5" | 7" | 8" | | | | | |
| FEATURES/BENEFITS | | Strong, Standard, Mechanical Splice | Non-Sparking, Non-Corroding, Non-Rusting | Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life | Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life | Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life | | | | | |

* When torquing splice bolts, do not use impact wrench as over-torquing will cause both belt and splice failure. In addition, under torquing could lead to insufficient clamp pressure and could create splice failure, and tracking issues. ** On smaller pulleys, the metal shims must be installed correctly, or the rubber wedge could fail. Customer is responsible for checking the splices on a consistent basis for correct torque during splice operation. Do not reuse hardware (bolts, nylock or oval nuts) when reinstalling splices. Please always read Maxi-Lift Installation Instructions and apply template tape when installing splices for correct installation. See website for more details. Do not use Maxi-Lift splices on any type of belt manlifts.

U.S. Utility Patent: "U.S. Pat. 9,605,730 B2. U.S. Design Patent: "U.S. Des. Pat. D724,289 S. European Patent Application No. 15154390.7