What is it?

**MS® Fastener**

Quick and Easy Installation

**INNOVATION**

MS is a fastener that uses self-tapping screws to adhere to heavy-duty belts. Installation is easy and does not require hammering rivets or using installation templates or tools. The patented screws install smoothly onto the belt, while maintaining belt integrity.

The MS Fastener installation is simple and quick since it only requires a powered drill, either battery or pneumatic as shown below. In addition, it is the most economical solution (no investment in complex tooling) and the safest (there is limited risk of injury with the screws). Additionally, using screws is superior in clamping the belt and results in "positive compression" which greatly enhances the quality of the repair.

MS Fasteners are available in galvanized carbon steel or in a non-magnetic stainless steel. The stainless steel version allows repair of food-industry belts that run with magnetic separators. They are also extremely useful in harsh conditions. Combined, these advantages make the fastener last longer, increasing the value of your investment.

The MS Fastener is the ideal solution for emergency repairs.

**Technical Data**

<table>
<thead>
<tr>
<th></th>
<th>MS 25</th>
<th>MS 35</th>
<th>MS 45</th>
<th>MS 55</th>
<th>MS 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belt thickness, in.</td>
<td>1/8&quot; to 5/16&quot;</td>
<td>3/16&quot; to 3/8&quot;</td>
<td>3/8&quot; to 7/16&quot;</td>
<td>3/8&quot; to 5/8&quot;</td>
<td>9/16&quot; to 3/4&quot;</td>
</tr>
<tr>
<td>For belt with mechanical fastener rating up to, PIW</td>
<td>350</td>
<td>360</td>
<td>400</td>
<td>600</td>
<td>800</td>
</tr>
<tr>
<td>Min. Pulley Ø, in.</td>
<td>3&quot;</td>
<td>3.5&quot;</td>
<td>5&quot;</td>
<td>10&quot;</td>
<td>18&quot;</td>
</tr>
<tr>
<td>Connecting Pin Ø, in.</td>
<td>5/32&quot;</td>
<td>3/16&quot;</td>
<td>1/4&quot;</td>
<td>5/16&quot;</td>
<td>25/64&quot;</td>
</tr>
</tbody>
</table>

**Composition**

- Fastener: Galvanized steel or non-magnetic stainless steel
- Screws: Galvanized steel or non-magnetic stainless steel
- Connecting Pin: Nylon covered galvanized pin or nylon covered stainless steel pin

**Installation**

- Battery powered drill or variable speed pneumatic drill

**Packaging**

- In a standard box with each fastener in strips 7 inches to 10 feet long

*Any Splice, Any Belt, Anytime, Anywhere!*

We can vulcanize cleats on your overband, as shown in the picture on the right. The belt is then made endless thanks to the MS non-magnetic fastener.

**Installation Tool**

- Battery, electric or pneumatic operated drill or screwdriver
Economical
• Your team gets back to work right away
• No costly tooling, all you need is a drill

Technical
• No pre-drilling and no template
• Installed by screwing directly into the conveyor belt
• Quicker installation equals shortened down time and repair time
• Belt is clamped down by the fastener itself
• Turn fastener upside down for a more leak-proof design and longer life

Need more information?
Please visit our website
MLTNorthAmerica.com
MLT offers a full line of conveyor belt fasteners and conveyor belt products.

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