

# Decision Matrix for Super Screw

#### Series of Super Screw

•Based on the strength of the belt. 150, 220, 330, 400, 600, 1000, 2000, etc

#### **Spacer Size**

- Final Thickness of the belt after skiving. Noting one has to skive if running belt cleaners, scrapers.
- •This then denotes screw length.

## Length of splice

•In inches, the width of the belt, the length of the linear rip, size need for a hole patch.

## Super Screw Material

- Grade One abrasion
- •MOR / MSHA
- Stainless Steel
- Sliding Bed / Bareback / Friction back
- •HOT 400 F

# Decision matrix for ordering the correct <a href="Super Screw">Super Screw</a> Fastener

#### (see detail in boxes on the right)

- #1 PIW or Pounds per Inch Width of the belt? (Example: 220, 330, 400, 450, 800, 1600, etc)
- #2 Will the end-user skive the converyor belt? This usually depends on "IF" the end-user is using cleaners or scrapers or wipers). You must skive in the Super Screw when using any of those.
- #3 The thickness of the belt that will be fastened NOTE: If you're skiving, then this new thickness is the measurement after skiving (This then allows us to configure the correct length of screw between 12mm-30mm

### #1 Series of Super Screw

- 35
- 63 /65
- 80 /85
- 100 /105
- 180
- 200

## #2/#3 Thickness of the belt

- 4 mm
- 6 mm
- 8 mm
- 8 111111
- 10 mm12 mm
- 14 mm
- 16 mm

# Add length of splice

- Any length between 8" and 984" of
- splice

## 1 continuous

#### #4 Super Screw Material

•Grade One Abrasion

• MOR / MSHA

Stainless SteelSliding Bed/Friction

back/Bareback

•HOT 400 F

#4 Application or Product being carried/hauled by the converyor belt helps you decide on the proper compound? (Abrasion Resistant, Bareback/Sliding Bed, HOT 400°F, Food Grade, Fire-resistant MSHA, MOR, or Stainless Steel)

Example: A 4 ply 400 PIW belt, 60" wide, 3/8" thick belt <u>after</u> skiving, hauling rock above ground is 80 series super screw – 10 mm – 60" - Grade one Abrasion resistant (80-10-60 AR)

Note: converting 3/8" to 10mm and this Super Screw kit would come with 18mm screws

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