CleanScrape® Cleaners

The CleanScrape® Cleaner is mounted diagonally on the discharge pulley and forms a three-dimensional curve. The cleaner has a matrix of tungsten carbide scrapers incorporated into the main rubber body during the vulcanization process. Despite a relatively low contact pressure between the belt and cleaner 85 to 95% of the adhering material is removed.

FEATURES & BENEFITS

- Optimum cleaning results
- Simple installation
- Lowest required space for installation
- Lowest consumption of belt energy
- Removed material returns to main flow
- Low wear to the belt
- Low wear to the cleaner
- Suitable for use with all types of mechanical joints
- Ratio of scraper length to belt width 3:1
- Long life expectancy
- Low maintenance
- Low life-cycle costs
- Available with stainless steel installation kits
- Suitable for use in explosive atmospheres
- Suitable for use with reversing belts

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Cleaner Type</th>
<th>Pulley Diameter mm (in.)</th>
<th>Belt Width mm (in.)</th>
<th>Maximum Belt Speed m/sec (fpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1CXSXXXXRXXXXX</td>
<td>300 (12)</td>
<td>550 (22)</td>
<td>400–1200 (18–48)</td>
</tr>
<tr>
<td>C1CMXXRXXXXX</td>
<td>550 (22)</td>
<td>900 (34)</td>
<td>450–1800 (18–72)</td>
</tr>
<tr>
<td>C1CXLXXXRXXXXXX</td>
<td>900 (36)</td>
<td>1250 (50)</td>
<td>900–2500 (36–96)</td>
</tr>
</tbody>
</table>

CARBIDE BLADE SELECTION

<table>
<thead>
<tr>
<th>Carbide Selection</th>
<th>Application Description</th>
<th>Typical Materials</th>
<th>Cleaner Type Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>TU02</td>
<td>Suitable for moderately abrasive materials and medium belt speeds. Applicable with mechanical belt splices.</td>
<td>Gravel, Clinker, Sandstone</td>
<td>All</td>
</tr>
<tr>
<td>TU03</td>
<td>Suitable for highly abrasive materials and high belt speeds. Do not use with mechanical belt splices.</td>
<td>Sand, Ore</td>
<td>C1CXSXXXXRXXXXX</td>
</tr>
<tr>
<td>TU04</td>
<td>Suitable for extremely abrasive materials and highest belt speeds. Do not use with mechanical belt splices.</td>
<td>Quartz Sand, Glass Ash, Ore</td>
<td>C1CMXXXRXXXXX C1CXLXXXRXXXXX</td>
</tr>
<tr>
<td>TU05</td>
<td>Suitable for conditions similar to TU02 with chemical resistance. Applicable with mechanical belt splices.</td>
<td></td>
<td>All</td>
</tr>
</tbody>
</table>
**TECHNICAL DATA SHEET**

**NOMENCLATURE**

<table>
<thead>
<tr>
<th>P/N Prefix</th>
<th>Assembly Type</th>
<th>Cleaner Size</th>
<th>No. of Elements in Blade</th>
<th>Blade Carbide Type*</th>
<th>Blade Body Material</th>
<th>Thimble &amp; Swage Material</th>
<th>Cable Type</th>
<th>Chain Size</th>
<th>Tensioner Configuration</th>
<th>Installation Kit</th>
<th>Tensioner Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1C</td>
<td>X</td>
<td>L</td>
<td>XX</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

*See Carbide Blade Selection Table

**ASSEMBLY TYPE**

- B: Blade only (without tensioner)
- S: System Assembly (with tensioner)

**CLEANER SIZE**

- L: Large

**BLADE BODY MATERIAL**

- R: Rubber

**THIMBLE & SWAGE MATERIAL**

- A: Aluminum Swage Sleeves & Galvanized Thimbles
- C: Copper Swage Sleeves & Stainless Steel Thimbles

**CABLE TYPE**

- N: Standard 7X19 SS Cable
- S: Stronger 7X7 SS Cable

**CHAIN SIZE**

- 6: 6mm Chain (4.2 kN Tensioners)
- 8: 8mm Chain (6.6 kN Tensioners)

**TENSIONER CONFIGURATION**

- S: Single Tensioning
- D: Dual Tensioning

**INSTALLATION KIT**

- Blank: Blade only (without tensioner)
- 4: Medium Blade 4.2 kN Dual Coil Spring Tensioner

**TENSIONER MATERIAL**

- Blank: Blade only (without tensioner)
- T: Standard Painted Steel
- S: Stainless Steel

**ASSEMBLY TYPE**

- B: Blade only (without tensioner)
- S: System Assembly (with tensioner)

**CLEANER SIZE**

- S: Small

**BLADE BODY MATERIAL**

- R: Rubber

**THIMBLE & SWAGE MATERIAL**

- A: Aluminum Swage Sleeves & Galvanized Thimbles
- C: Copper Swage Sleeves & Stainless Steel Thimbles

**CABLE TYPE**

- N: Standard 7X19 SS Cable

**INSTALLATION KIT**

- Blank: Blade only (without tensioner)
- 1: Standard Small Blade 2.8 kN Dual Coil Spring Tensioner
- 2: Multifunctional Small Blade 2.8 kN Dual Coil Spring Tensioner

**TENSIONER MATERIAL**

- Blank: Blade only (without tensioner)
- T: Standard Painted Steel
- S: Stainless Steel

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