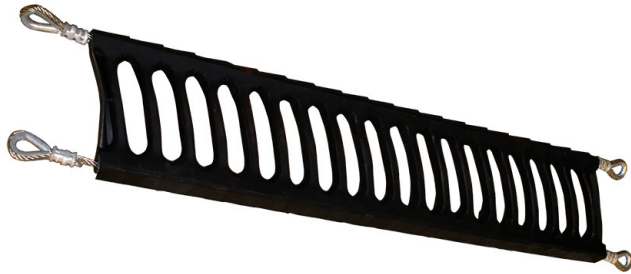


CleanScrape® Cleaners



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

| Cleaner Type | Pulley Diameter mm (in.) | | Belt Width mm (in.) | Maximum Belt Speed m/sec (fpm) | |
|-----------------|-----------------------------|-----------|------------------------|-----------------------------------|-------------------|
| | Min. | Max. | | Vulcanized Splice | Mechanical Splice |
| C1CXSSXXRXXXXXX | 300 (12) | 550 (22) | 400–1200 (18–48) | 6 (1100) | 4 (800) |
| C1CXMXXRXXXXXX | 550 (22) | 900 (34) | 450–1800 (18–72) | 8 (1500) | 4 (800) |
| C1CXLXXRXXXXXX | 900 (36) | 1250 (50) | 900–2500 (36–96) | 8 (1500) | 4 (800) |

CARBIDE BLADE SELECTION

| Carbide Selection | Application Description | Typical Materials | Cleaner Type Availability |
|-------------------|---|-----------------------------|----------------------------------|
| TU02 | Suitable for moderately abrasive materials and medium belt speeds. Applicable with mechanical belt splices. | Gravel, Clinker, Sandstone | All |
| TU03 | Suitable for highly abrasive materials and high belt speeds. Do not use with mechanical belt splices. | Sand, Ore | C1CXSSXXRXXXXXX |
| TU04 | Suitable for extremely abrasive materials and highest belt speeds. Do not use with mechanical belt splices. | Quartz Sand, Glass Ash, Ore | C1CXMXXRXXXXXX C1CXLXXRXXXXXX |
| TU05 | Suitable for conditions similar to TU02 with chemical resistance. Applicable with mechanical belt splices. | | All |

TECHNICAL DATA SHEET

| NOMENCLATURE | C1C | X | L | XX | X | R | X | X | X | X | X | X |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| P/N Prefix | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Assembly Type | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Cleaner Size | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| No. of Elements in Blade | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Blade Carbide Type* | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Blade Body Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Thimble & Swage Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Cable Type | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Chain Size | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Tensioner Configuration | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Installation Kit | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Tensioner Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

*See Carbide Blade Selection Table

| | |
|-------------------------------------|----------------------------------|
| ASSEMBLY TYPE | CHAIN SIZE |
| B: Blade only (without tensioner) | 6: 6mm Chain (4.2 kN Tensioners) |
| S: System Assembly (with tensioner) | 8: 8mm Chain (6.6 kN Tensioners) |

| | |
|---------------------|--------------------------------|
| CLEANER SIZE | TENSIONER CONFIGURATION |
| L: Large | S: Single Tensioning |
| | D: Dual Tensioning |

| | |
|----------------------------|---|
| BLADE BODY MATERIAL | INSTALLATION KIT |
| R: Rubber | Blank: Blade only (without tensioner) |
| | 4: Large Blade 4.2 kN Coil Spring Tensioner |
| | 6: Large Blade 6.6 kN Coil Spring Tensioner |

| | |
|--|---------------------------------------|
| THIMBLE & SWAGE MATERIAL | TENSIONER MATERIAL |
| A: Aluminum Swage Sleeves & Galvanized Thimbles | Blank: Blade only (without tensioner) |
| C: Copper Swage Sleeves & Stainless Steel Thimbles | T: Standard Painted Steel |
| | S: Stainless Steel |

| | |
|---------------------------|---------------------------------------|
| CABLE TYPE | TENSIONER MATERIAL |
| N: Standard 7X19 SS Cable | Blank: Blade only (without tensioner) |
| S: Stronger 7X7 SS Cable | T: Standard Painted Steel |
| | S: Stainless Steel |

| NOMENCLATURE | C1C | X | M | XX | X | R | X | X | X | X | X | X |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| P/N Prefix | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Assembly Type | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Cleaner Size | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| No. of Elements in Blade | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Blade Carbide Type* | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Blade Body Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Thimble & Swage Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Cable Type | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Tensioner Configuration | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Installation Kit | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Tensioner Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

*See Carbide Blade Selection Table

| | |
|-------------------------------------|--------------------------------|
| ASSEMBLY TYPE | TENSIONER CONFIGURATION |
| B: Blade only (without tensioner) | S: Single Tensioning |
| S: System Assembly (with tensioner) | D: Dual Tensioning |

| | |
|---------------------|--|
| CLEANER SIZE | INSTALLATION KIT |
| M: Medium | Blank: Blade only (without tensioner) |
| | 4: Medium Blade 4.2 kN Coil Spring Tensioner |

| | |
|----------------------------|---------------------------------------|
| BLADE BODY MATERIAL | TENSIONER MATERIAL |
| R: Rubber | Blank: Blade only (without tensioner) |
| | T: Standard Painted Steel |
| | S: Stainless Steel |

| | |
|--|---------------------------------------|
| THIMBLE & SWAGE MATERIAL | TENSIONER MATERIAL |
| A: Aluminum Swage Sleeves & Galvanized Thimbles | Blank: Blade only (without tensioner) |
| C: Copper Swage Sleeves & Stainless Steel Thimbles | T: Standard Painted Steel |
| | S: Stainless Steel |

| | |
|---------------------------|---------------------------------------|
| CABLE TYPE | TENSIONER MATERIAL |
| N: Standard 7X19 SS Cable | Blank: Blade only (without tensioner) |
| S: Stronger 7X7 SS Cable | T: Standard Painted Steel |
| | S: Stainless Steel |

| NOMENCLATURE | C1C | X | S | XX | X | R | X | N | X | X |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| P/N Prefix | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Assembly Type | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Cleaner Size | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| No. of Elements in Blade | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Blade Carbide Type* | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Blade Body Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Thimble & Swage Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Cable Type | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Installation Kit | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| Tensioner Material | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

*See Carbide Blade Selection Table

| | |
|-------------------------------------|---------------------------|
| ASSEMBLY TYPE | CABLE TYPE |
| B: Blade only (without tensioner) | N: Standard 7X19 SS Cable |
| S: System Assembly (with tensioner) | |

| | |
|---------------------|--|
| CLEANER SIZE | INSTALLATION KIT |
| S: Small | 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 |

| | |
|----------------------------|---------------------------------------|
| BLADE BODY MATERIAL | TENSIONER MATERIAL |
| R: Rubber | Blank: Blade only (without tensioner) |
| | T: Standard Painted Steel |
| | S: Stainless Steel |

| | |
|--|---------------------------------------|
| THIMBLE & SWAGE MATERIAL | TENSIONER MATERIAL |
| A: Aluminum Swage Sleeves & Galvanized Thimbles | Blank: Blade only (without tensioner) |
| C: Copper Swage Sleeves & Stainless Steel Thimbles | T: Standard Painted Steel |
| | S: Stainless Steel |



Martin Engineering USA
 One Martin Place
 Neponset, IL 61345-9766 USA
 800 544 2947 or 309 852 2384
 Fax 800 814 1553
 www.martin-eng.com

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