

# Martin® CleanScape



The [Martin® CleanScape](#) 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 1.2 : 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

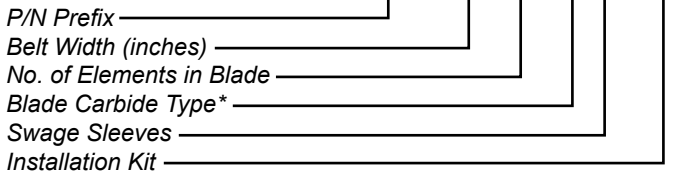
| Cleaner Type | Pulley Diameter in. (mm) |           | Belt Width in. (mm) | Maximum Belt Speed fpm (m/sec) |                   |
|--------------|--------------------------|-----------|---------------------|--------------------------------|-------------------|
|              | Min.                     | Max.      |                     | Vulcanized Splice              | Mechanical Splice |
| CSP-S        | 12 (300)                 | 20 (508)  | 18-48 (457-1219)    | 1100 (6)                       | 800 (4)           |
| CSP-M        | 22 (550)                 | 34 (864)  | 18-72 (457-1829)    | 1500 (8)                       | 800 (4)           |
| CSP-L        | 36 (900)                 | 50 (1270) | 36-96 (914-2438)    | 1500 (8)                       | 800 (4)           |

## CARBIDE BLADE SELECTION

| Carbide Selection | Application Description   | Typical Materials            |
|-------------------|---|------------------------------|
| TU01              | Suitable for less abrasive materials and low belt speeds. Applicable with mechanical belt splices.                  | Limestone, Salt, Sugar, Coal |
| TU02              | Suitable for moderately abrasive materials and medium belt speeds. Applicable with mechanical belt splices.         | Gravel, Clinker, Sandstone   |
| TU03              | Suitable for highly abrasive materials and high belt speeds. Do not use with mechanical belt splices.               | Sand, Glass, Ore             |
| TU04              | Suitable for extremely abrasive materials and highest belt speeds. Do not use with mechanical belt splices.         | Quartz Sand, Glass Ash, Ore  |
| TU05              | Suitable for conditions similar to TU01 and TU02 with chemical resistance. Applicable with mechanical belt splices. |                              |

# TECHNICAL DATA SHEET

## NOMENCLATURE CSP-S- XX XX X X XXX



\*See Carbide Blade Selection Table

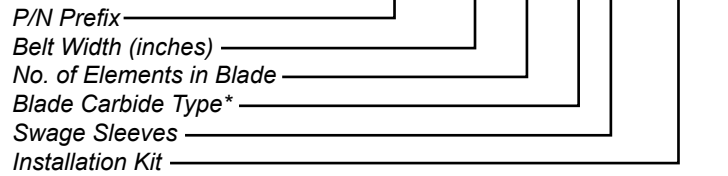
### SWAGE SLEEVES

**C:** Copper  
**Blank:** Aluminum

### INSTALLATION KIT

**T1:** Standard Steel Spring Tensioner  
**T1C:** Stainless Steel Spring Tensioner  
**T2:** Multifunctional Steel Spring Tensioner  
**T2C:** Multifunctional Stainless Steel Spring Tensioner

## NOMENCLATURE CSP-M- XX XX X X XXXX



\*See Carbide Blade Selection Table

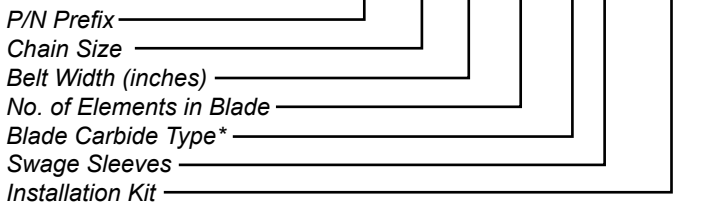
### SWAGE SLEEVES

**C:** Copper  
**Blank:** Aluminum

### INSTALLATION KIT

**T28:** 2.8 KN Steel Spring Tensioner  
**T28C:** Stainless Steel 2.8 KN Spring Tensioner  
**T42:** 4.2 KN Steel Spring Tensioner  
**T42C:** Stainless Steel 4.2 KN Spring Tensioner

## NOMENCLATURE CSP-L X- XX XX X X XXXX



\*See Carbide Blade Selection Table

### CHAIN SIZE

**6:** 6mm Chain for 2.8 KN and 4.2 KN Tensioners  
**8:** 8mm Chain for 6.6 KN Tensioners

### SWAGE SLEEVES

**C:** Copper  
**Blank:** Aluminum

### INSTALLATION KIT

**T28:** 2.8 KN Steel Spring Tensioner  
**T28C:** Stainless Steel 2.8 KN Spring Tensioner  
**T42:** 4.2 KN Steel Spring Tensioner  
**T42C:** Stainless Steel 4.2 KN Spring Tensioner  
**T66:** 6.6 KN Steel Spring Tensioner  
**T66C:** Stainless Steel 6.6 KN Spring Tensioner



**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

**COMPANY WITH  
 QUALITY SYSTEM  
 CERTIFIED BY DNV  
 = ISO 9001:2008 =**



**Problem Solved™ GUARANTEED!**

Form No. L4040-06/15  
 © Martin Engineering Company 2015