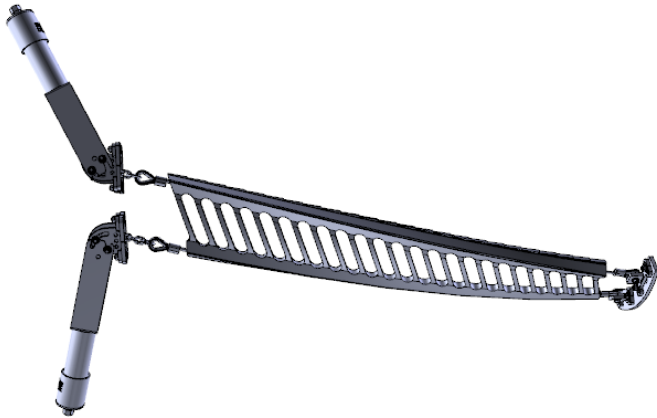


CleanScape® Cleaners



The [CleanScape® Cleaner](#) is mounted diagonally on the discharge pulley and forms a three-dimensional curve. The cleaner has a matrix of 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

- Simple installation, minimum space required
- Low wear to the belt and cleaner
- Blade completely corrosion resistant
- Suitable for use with all types of mechanical joints
- Low maintenance
- 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/s (fpm)	
	Min.	Max.		Vulcanized Splice	Mechanical Splice
C1CSXRXXXXXX	300 (12)	550 (22)	400–1000 (18-40)	6 (1200)	4 (800)
C1CMXRXXXXXX	550 (22)	900 (34)	500–1800 (18-72)	8 (1500)	4 (800)
C1CLXRXXXXXX	900 (36)	1250 (50)	800–2400 (24-96)	8 (1500)	4 (800)
C1CHXRXXXXXX	800 (32)	2000 (78)	1000-3000 (42-120)	8 (1500)	6 (1200)

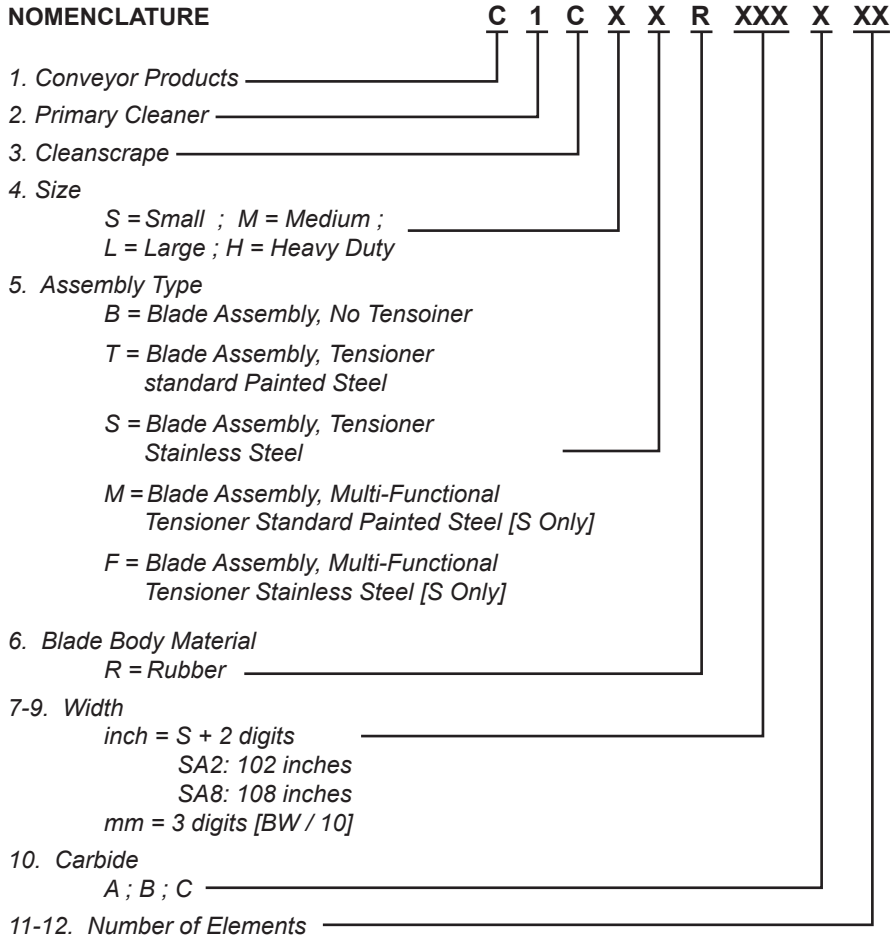
CARBIDE BLADE SELECTION

Carbide Selection	Application Description	Typical Materials
A	Suitable for less abrasive products and medium belt speeds. Applicable with mechanical belt splices.	Limestone, gypsum, potash
B	Suitable for moderate abrasive products and medium belt speeds. Applicable with mechanical belt splices.	Sand, coal, salt, ore, sugar
C	Suitable for extremely abrasive materials and highest belt speeds. Do not use with mechanical belt splices.	Quartz sand, ash, ore, hardstone, slag, sinter

*H available only with carbide B.

TECHNICAL DATA SHEET

NOMENCLATURE



TENSIONER SELECTION

Size	Belt Width mm (in.)	Tensioner
S	≤ 1000 mm (≤ 40")	Single 2,8kN
M	≤ 1400 mm (≤ 54")	Single 4,2kN
M	≤ 1800 mm (≤ 72")	Dual 4,2kN
L	≤ 1400 mm (≤ 54")	Single 4,2kN
L	< 2000 mm (< 78")	Dual 4,2kN
L	≥ 2000 mm (≥ 78")	Dual 6,6kN
H	≤ 1400 mm (≤ 54")	Single 4,2kN
H	< 2000 mm (> 78")	Dual 4,2kN
H	≥ 2000 mm (≥ 78")	Dual 6,6kN

GENERAL NOTES:

- Standard: H carbide type B only
- Standard:
 - Copper Swages
 - Stainless Steel Thimble



Martin Engineering Africa
 Cnr Antwerpen Str & Arnheimsingel
 Die Heuvel, Witbank
 South Africa
 +27 13 656 5135 Fax +27 13 656 5129
 www.martin-eng.co.za
 feedback@martin-eng.com



Problem Solved™ GUARANTEED!

Form No. L4040-05/20, 06/23
 © Martin Engineering Company 2015, 2020, 2023