

Martin® SQC2S™ Secondary Cleaner with Orion Blades



SQC2S™ Cleaner with Orion Blades utilise a unique flexing blade mount to cushion splice impact while maintaining cleaning pressure. The blade's "paint-scraper" cleaning angle provides maximum removal of stubborn carryback while the blade holder flexes to allow the blade tip to deflect in the direction of belt travel for splice passage. Tungsten carbide blade tips featuring individually machined blade adjustment provide effective and long-lasting cleaning while the unique blade shield allows removed material to slide off without buildup.

SPECIFICATIONS

Belt Widths (mm)	Maximum Belt Speed (m/sec.)	Operating Temperature (°C)	Reversing operation	Rollback*
500 - 2400	5,1	-30 - +121	No	Yes

* Rollback is possible, but has no cleaning effect.

BENEFITS

- "Paint-scraper" cleaning angle provides maximum removal of conveyor belt carryback.
- Tungsten carbide blade tips provide effective and long-lasting cleaning.
- Blade shield allows removed material to slide off without buildup.
- Blade holder flexes to allow tip to deflect in the direction of belt travel for splice passage and has individual machined blade adjustment.

NOMENCLATURE	SQC2S	X	-XX	X	XX	RO	X	X	N
P/N Prefix									
Duty Rating									
Belt Width (inches)									
Blade Type									
Belt Cleaning Width (inches)									
Tensioning Element									
Mainframe Option									
Tensioner Option									
Additional Options									

DUTY RATING

H: Heavy Duty
E: Extra Heavy Duty

BLADE TYPE

S: 316 SS with TC Inserts with Teflon Deflector
T: Mild Steel Blade Painted with TC Inserts with Teflon Deflector

BLADE CLEANING WIDTH

Full belt width or 6 inches less belt width

TENSIONING ELEMENT

RO: Blade Torsion Assembly

MAINFRAME OPTIONS

P: Painted
S: 316 SS
E: Extended Painted
Z: Extended 316 SS

TENSIONER OPTIONS

T: STD Tensioner
S: 316 SS STD Tensioner
H: Heavy Duty Tensioner
G: 316 SS HD Tensioner
N: No Tensioner
See Tensioner Table for More Info

ADDITIONAL OPTIONS

N: None

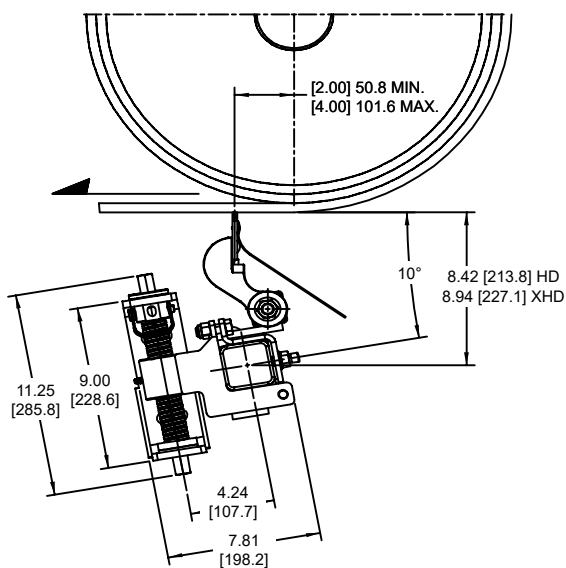
MARTIN® SQC2S™ ORION BLADES

Colour	Heavy Duty Application	Replacement Blade P/N
—	316 SS Blade with TC Inserts with Teflon Deflector	OR-52000-6S
Orange	Mild Steel Blade Painted with TC Inserts with Teflon Deflector	OR-52000-6T

Colour	Extra Heavy Duty Application	Replacement Blade P/N
—	316 SS Blade with TC Inserts with Teflon Deflector	OR-52001-6S
Orange	Mild Steel Blade Painted with TC Inserts with Teflon Deflector	OR-52001-6T

Acronyms found in document: TC = Tungsten Carbide, SS = Stainless Steel, HD = Heavy Duty, STD = Standard

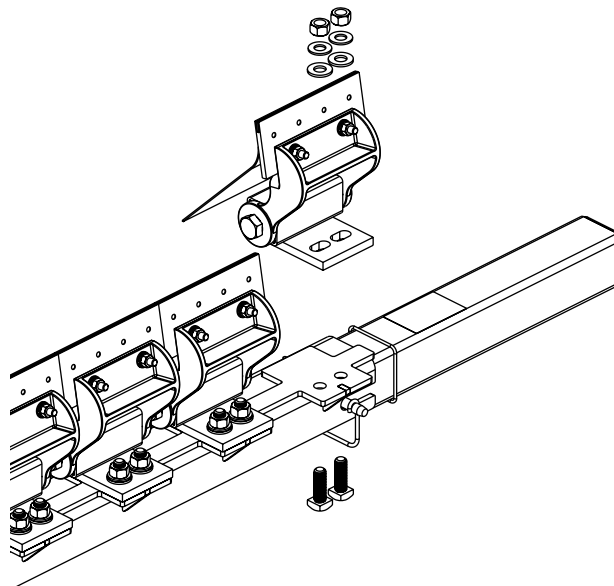
Tensioner	HEAVY DUTY COMPATIBLE		EXTRA HEAVY DUTY COMPATIBLE	
STD TENSIONER	3	BELT WIDTH RANGE 18" - 48" (450 - 1200)	X	N/A
316 SS STD TENSIONER	3	BELT WIDTH RANGE 18" - 48" (450 - 1200)	X	
HD TENSIONER	3	BELT WIDTH RANGE 54" - 96" (1350 - 2400)	3	BELT WIDTH RANGE 18" - 96" (450 - 2400)
316 SS HD TENSIONER	3	BELT WIDTH RANGE 54" - 96" (1350 - 2400)	3	BELT WIDTH RANGE 18" - 96" (450 - 2400)



Detail With Tensioner Mounted On Left Side

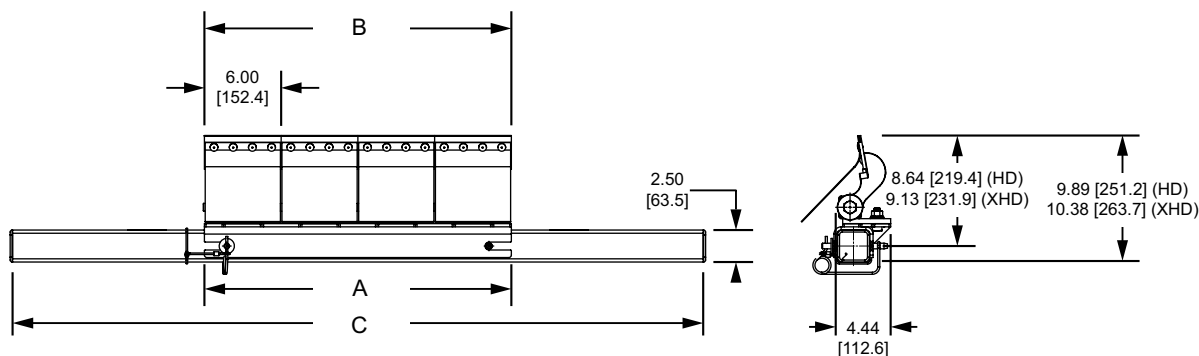
ACCESSORIES

PART	P/N
Martin® Hanger Mount Heavy – Duty Assembly	34233-HD
Martin® Hanger Mount Heavy – Duty Assembly – Stainless Steel	34223-HDS
Martin® SQC2S™ Square Mainframe Tensioner	38664
Martin® SQC2S™ Square Mainframe Tensioner – Stainless Steel	38664-SS
Martin® SQC2S™ Square Mainframe Tensioner HD	38664-HD
Martin® SQC2S™ Square Mainframe Tensioner HD – Stainless Steel	38664-HDS



Martin® Orion Style Blade
(mounting hardware included in assembly)

TECHNICAL DATA SHEET



DIMENSIONS

PART NUMBER	DIM A in (mm)		DIM B in (mm)		DIM C in (mm)		DIM C (EXTENDED MAINFRAME)	
SQC2SX-18X12ROXXX	18.00	(457)	12.00	(305)	48.00	(1219)	66.00	(1676)
SQC2SX-18X18ROXXX	18.00	(457)	18.00	(457)	48.00	(1219)	66.00	(1676)
SQC2SX-24X18ROXXX	24.00	(610)	18.00	(457)	54.00	(1372)	72.00	(1829)
SQC2SX-24X24ROXXX	24.00	(610)	24.00	(610)	54.00	(1372)	72.00	(1829)
SQC2SX-30X24ROXXX	30.00	(762)	24.00	(610)	60.00	(1524)	78.00	(1981)
SQC2SX-30X30ROXXX	30.00	(762)	30.00	(762)	60.00	(1524)	78.00	(1981)
SQC2SX-36X30ROXXX	36.00	(914)	30.00	(762)	66.00	(1676)	84.00	(2134)
SQC2SX-36X36ROXXX	36.00	(914)	36.00	(914)	66.00	(1676)	84.00	(2134)
SQC2SX-42X36ROXXX	42.00	(1067)	36.00	(914)	72.00	(1829)	90.00	(2286)
SQC2SX-42X42ROXXX	42.00	(1067)	42.00	(1067)	72.00	(1829)	90.00	(2286)
SQC2SX-48X42ROXXX	48.00	(1219)	42.00	(1067)	78.00	(1981)	96.00	(2438)
SQC2SX-48X48ROXXX	48.00	(1219)	48.00	(1219)	78.00	(1981)	96.00	(2438)
SQC2SX-54X48ROXXX	54.00	(1372)	48.00	(1219)	84.00	(2134)	102.00	(2591)
SQC2SX-54X54ROXXX	54.00	(1372)	54.00	(1372)	84.00	(2134)	102.00	(2591)
SQC2SX-60X54ROXXX	60.00	(1524)	54.00	(1372)	90.00	(2286)	108.00	(2743)
SQC2SX-60X60ROXXX	60.00	(1524)	60.00	(1524)	90.00	(2286)	108.00	(2743)
SQC2SX-66X60ROXXX	66.00	(1676)	60.00	(1524)	96.00	(2438)	114.00	(2896)
SQC2SX-66X66ROXXX	66.00	(1676)	66.00	(1676)	96.00	(2438)	114.00	(2896)
SQC2SX-72X66ROXXX	72.00	(1829)	66.00	(1676)	102.00	(2591)	120.00	(3048)
SQC2SX-72X72ROXXX	72.00	(1829)	72.00	(1829)	102.00	(2591)	120.00	(3048)
SQC2SX-78X72ROXXX	78.00	(1981)	72.00	(1829)	108.00	(2743)	126.00	(3200)
SQC2SX-78X78ROXXX	78.00	(1981)	78.00	(1981)	108.00	(2743)	126.00	(3200)
SQC2SX-84X78ROXXX	84.00	(2134)	78.00	(1981)	114.00	(2896)	132.00	(3352)
SQC2SX-84X84ROXXX	84.00	(2134)	84.00	(2134)	114.00	(2896)	132.00	(3352)
SQC2SX-90X84ROXXX	90.00	(2286)	84.00	(2134)	120.00	(3048)	138.00	(3505)
SQC2SX-90X90ROXXX	90.00	(2286)	90.00	(2286)	120.00	(3048)	138.00	(3505)
SQC2SX-96X90ROXXX	96.00	(2438)	90.00	(2286)	126.00	(3200)	144.00	(3658)
SQC2SX-96X96ROXXX	96.00	(2438)	96.00	(2438)	126.00	(3200)	144.00	(3658)



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