

Martin® SQC2S™ Cleaner STS™

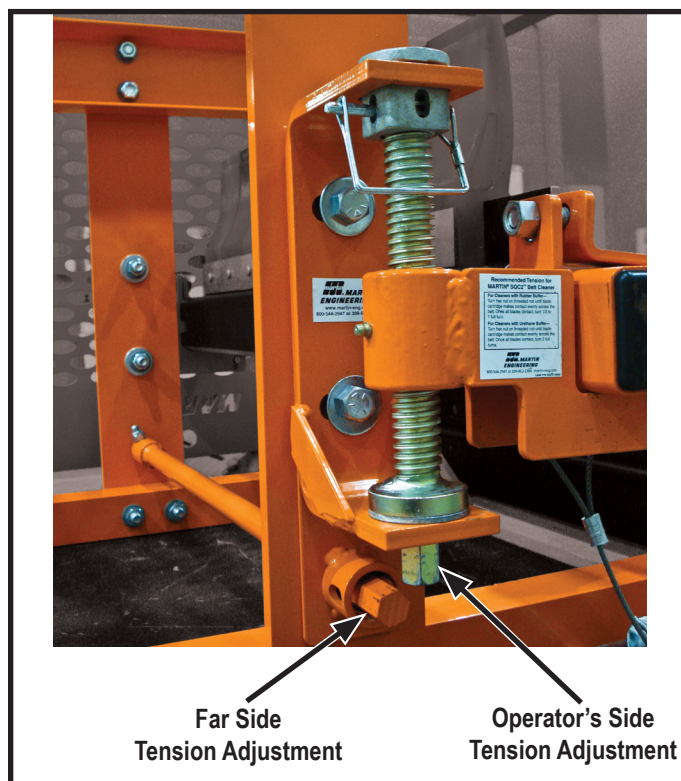


The [Martin® SQC2S™ Cleaner STS™](#) incorporates individually-cushioned tungsten carbide blades for effective cleaning without risk to belt, splice, or blade. Installed in the secondary cleaner position, the Martin® SQC2S™ Cleaner's blade buffers cushion impact and maintains cleaning pressure. This cleaner's extended cartridge allows the blade cartridge to be serviced without confined space entry or breaking the safety plane.

The Martin® SQC2S™ Cleaner STS™ includes a Martin® Farside Tension Adjuster which allows for all tensioner adjustments to be made from the operator's side of the belt.

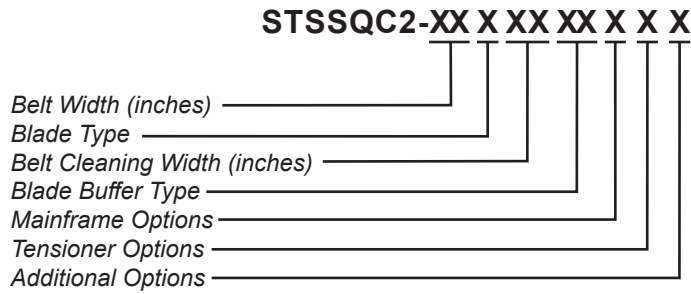
BENEFITS

- Safe To Service**
 The blade can be replaced from outside the chute wall or the conveyor structure without breaking the safety plane. Farside tensioner can be adjusted from the operator's side eliminating the need to access the farside of the conveyor.
- Easy Cartridge Removal**
 The procedure is simple: remove pin, slide out cartridge, service, and return.
- Easy Adjustment of Cleaning Pressure**
 Martin® SQC2S™ Tensioners allows simple alteration of blade-to-belt pressure to maintain cleaning efficiency regardless of blade wear. Lock pin keeps tensioner in place to maintain constant tension.
- Improved Maintenance**
 Both tensioners can be adjusted from one location allowing for easier tensioner adjustments in less time.
- Fits in Tight Spaces**
 Compact design allows installation in close quarters; narrow profile resists material buildup.
- Blades to Match Application**
 Specify tungsten carbide tips for normal, acidic, or high-impact conditions. Blades conform to belt profile by adjusting individually to provide continuous contact across the belt.
- Handles Reversing Belts and Belt Rollback**
 Rubber buffers allow for reversal of belt direction without damage to belt.
- Cushioned Blades Maintain Efficiency**
 Patented rubber buffers maintain cleaning pressure while deflecting to allow splices to pass.
- Built for Tough Conditions**
 Rugged construction withstands punishing applications, like high-speed belts and high-tonnage loads.



TECHNICAL DATA SHEET

NOMENCLATURE



BLADE TYPE

- C:** Corrosion Resistant with Tungsten Carbide Tips
- R:** General Applications and Reversing Belts—Tungsten Carbide
- S:** Corrosion Resistant
- Ø:** No Blades

BLADE CLEANING WIDTH

- Full belt width or Approx. 6 inches less belt width.

BLADE BUFFER TYPE

- MR:** Molded Rubber
- FR:** Flame-Retardant Rubber
- ØØ:** No Buffers

MAINFRAME OPTIONS

- P:** Painted
- S:** Stainless

TENSIONER OPTIONS

- F:** Farside Tensioner
- Ø:** No Tensioner

ADDITIONAL OPTIONS

- Ø:** No options

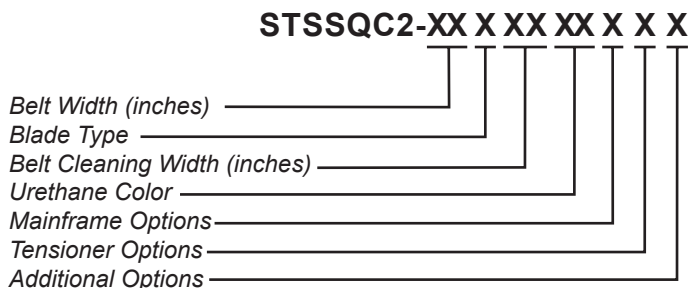
MARTIN® SQC2S™ BLADES*

COLOR	GENERAL APPLICATION	Replacement Blade P/N
—	Corrosion Resistant Stainless Steel with TC Tips	SC-10002-C
Orange	General Applications and Reversing Belts: TC Blade	SC-10002-R
—	Corrosion Resistant Stainless Steel	SC-10002-S

* Maximum belt speed for Martin® SQC2S™ blades is 1500 FPM.
 For other applications, please contact your Martin Engineering representative.
 TC = Tungsten

TECHNICAL DATA SHEET

NOMENCLATURE



BLADE TYPE

C: Tungsten Carbide with Stainless Insert
D: Slit Urethane
R: Reversing Belts–Urethane
S: Stainless Insert
T: Tungsten Carbide
U: Urethane
Ø: No Blades

BLADE CLEANING WIDTH

Full belt width or Approx.
 6 inches less belt width.

URETHANE COLOR

O3: Orange Urethane
B3: Brown Urethane
G3: Green Urethane
N3: Navy Blue Urethane

MAINFRAME OPTIONS

P: Painted
S: Stainless

TENSIONER OPTIONS

F: Farside Tensioner
Ø: No Tensioner

ADDITIONAL OPTIONS

Ø: No options

MARTIN® SAF2™ STYLE 3-INCH WIDE BLADES*

COLOR	GENERAL APPLICATION	Replacement Blade P/N
Orange	General Applications: TC Blade with Stainless Insert	38718-C
Orange	General Applications: Stainless Insert	38718-S
Orange	General Applications: TC Blade	38718-T
Orange	General Applications: Urethane Blade	38718-U
Orange	General Applications: Reversing Urethane Blade	38718-UR
Brown	Acid-Resistant: TC Blade with Stainless Insert	38718-CBR
Brown	Acid-Resistant: Stainless Insert	38718-SBR
Brown	Acid-Resistant: TC Blade	38718-TBR
Brown	Acid-Resistant: Urethane Blade	38718-UBR
Brown	Acid-Resistant: Reversing Urethane Blade	38718-URBR
Green	Hi Temperature: TC Blade with Stainless Insert 300°F continuous 350°F intermittent	38718-CGR
Green	Hi Temperature: Stainless Insert 300°F continuous 350°F intermittent	38718-SGR
Green	Hi Temperature: TC Blade 300°F continuous 350°F intermittent	38718-TGR
Green	Hi Temperature: Urethane Blade 300°F continuous 350°F intermittent	38718-UGR
Green	Hi Temperature: Reversing Urethane Blade 300°F continuous 350°F intermittent	38718-URGR
Navy Blue	TC Blade with Stainless Insert for use with sticky or tacky materials	38718-CNB
Navy Blue	TC Blade for use with sticky or tacky materials	38718-TNB
Navy Blue	Urethane Blade for use with sticky or tacky materials	38718-UNB
Navy Blue	Reversing Urethane Blade for use with sticky or tacky materials	38718-URNB

* Maximum belt speed for Martin® SAF2™ style 3-inch wide blades is 1000 FPM.
 For other applications, please contact your Martin Engineering representative.
 TC = Tungsten

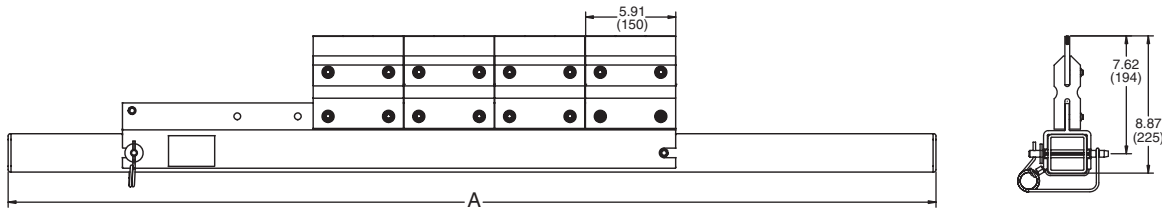
TECHNICAL DATA SHEET

DIMENSIONS

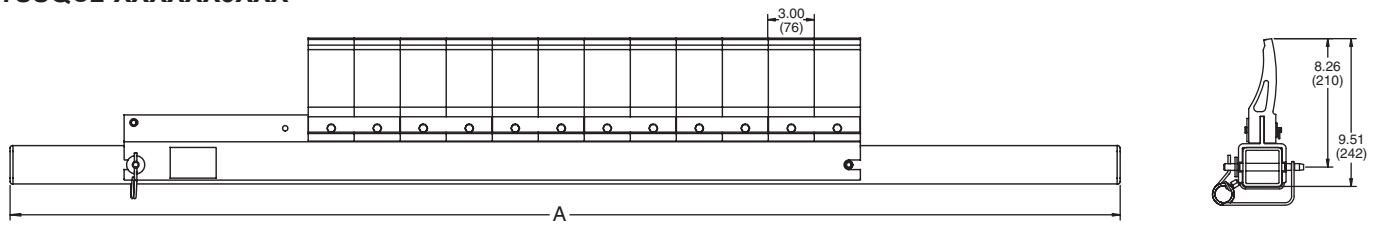
Belt Width		DIM "A" in. (mm)		# of Martin® SQC2S™ Blades (Belt Width minus 6")	# of Martin® SQC2S™ Blades (Full Belt Width)	# of Martin® SAF2™ Blades* (Belt Width minus 6")	# of Martin® SAF2™ Blades* (Full Belt Width)
18	(450)	48.00	(1219)	2	3	4	6
24	(600)	54.00	(1372)	3	4	6	8
30	(750)	60.00	(1524)	4	5	8	10
36	(900)	66.00	(1676)	5	6	10	12
42	(1050)	72.00	(1829)	6	7	12	14
48	(1200)	78.00	(1981)	7	8	14	16
54	(1350)	84.00	(2134)	8	9	16	18
60	(1500)	90.00	(2286)	9	10	18	20
66	(1650)	96.00	(2438)	10	11	20	22
72	(1800)	102.00	(2591)	11	12	22	24
78	(1950)	108.00	(2743)	12	13	24	26
84	(2100)	114.00	(2896)	13	14	26	28
90	(2250)	120.00	(3048)	14	15	28	30
96	(2400)	126.00	(3200)	15	—	30	32

*Quantity represents total blades on the cartridge. Each cartridge has a minimum of two urethane blades, one on each end of the cartridge. The blades in between are available in either urethane or tungsten carbide.

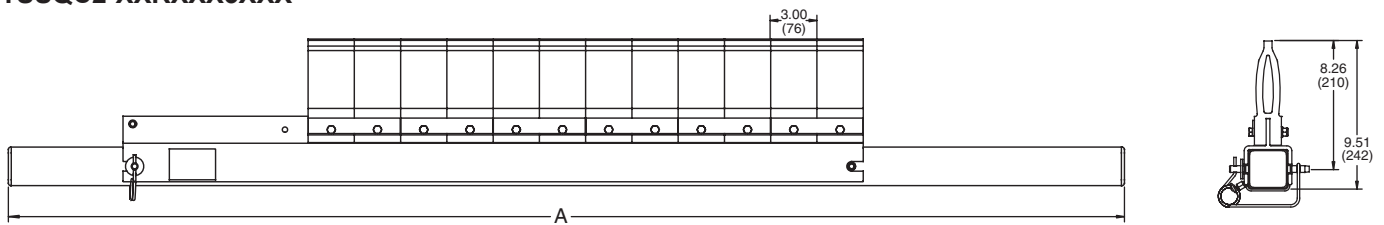
STSSQC2-XXXXXXXXXX



STSSQC2-XXXXXX3XXX



STSSQC2-XXRXXX3XXX

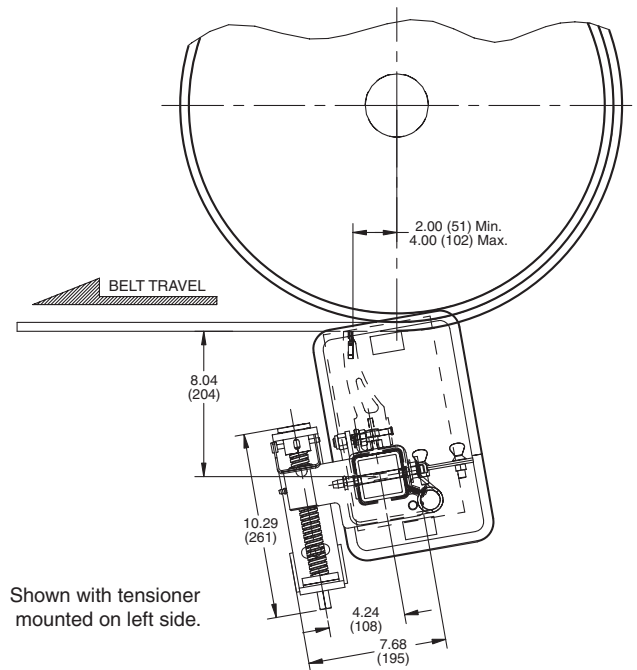
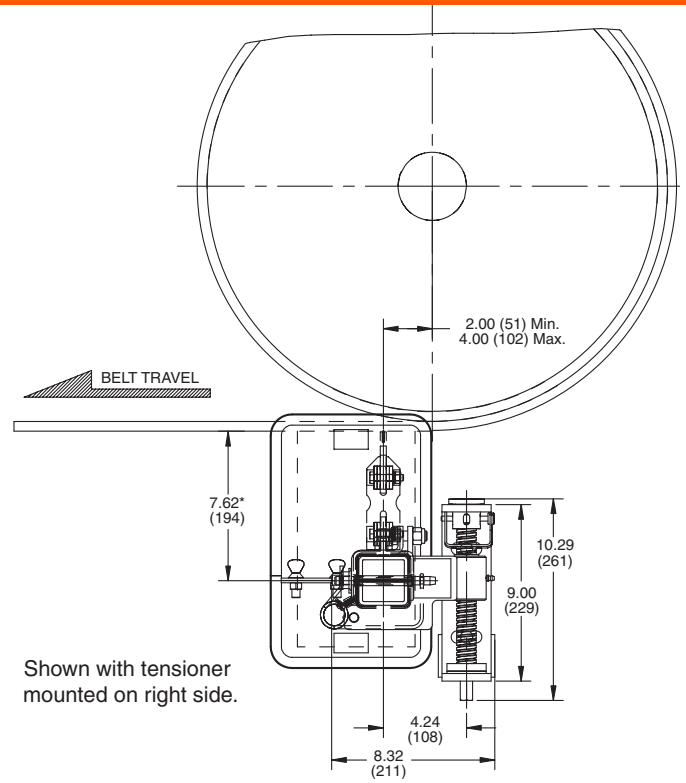
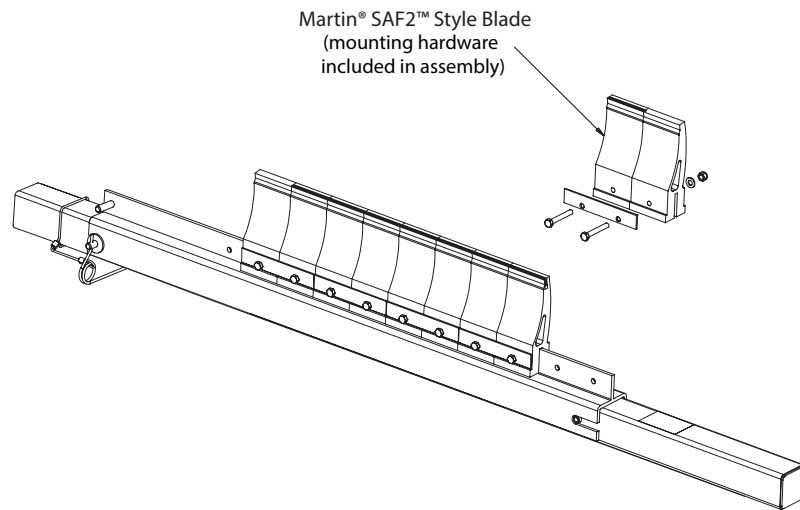
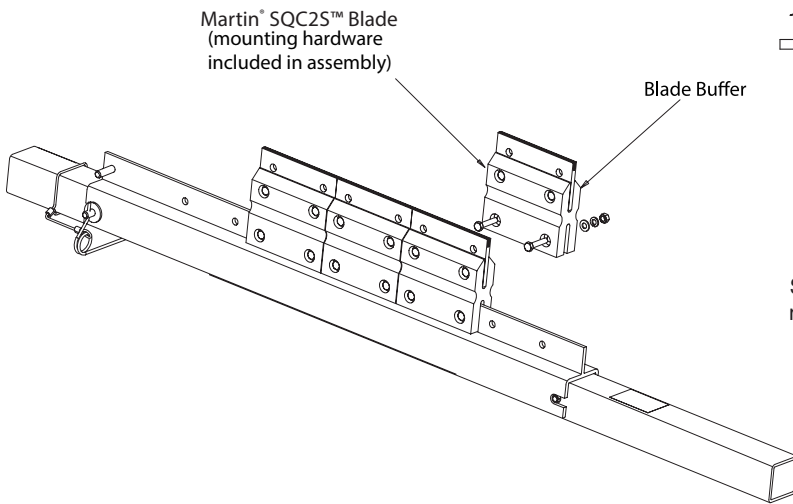


TECHNICAL DATA SHEET

APPLICATION NOTES

Martin Engineering recommends that the Martin® SQC2S™ Cleaner STS™ be installed so the cleaning blade contacts the belt at a point 2 to 4 in. (51 to 102 mm) after the point where the belt leaves the head (discharge) pulley. If obstructions prevent installation at this point, or if additional cleaners are desired, the cleaner should be installed 2 to 4 in. (51 to 102 mm) past the point where the belt leaves the support idler.

See your Martin Engineering representative for more information, or visit www.martin-eng.com.



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