

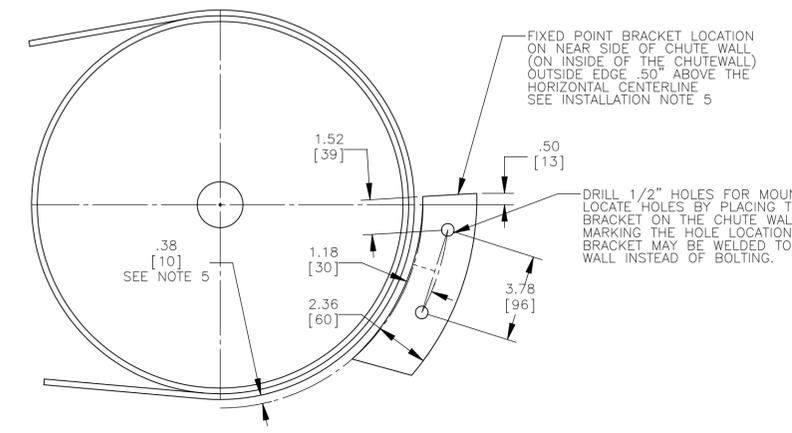
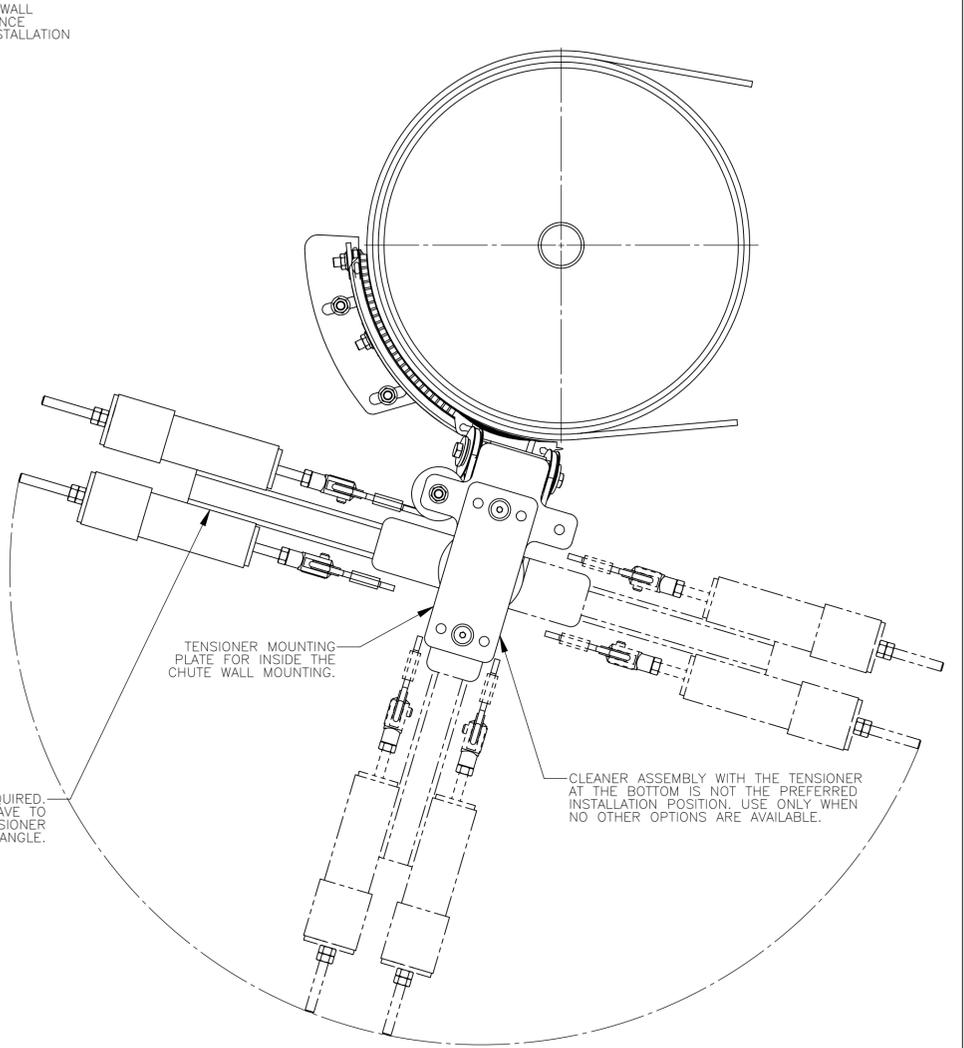
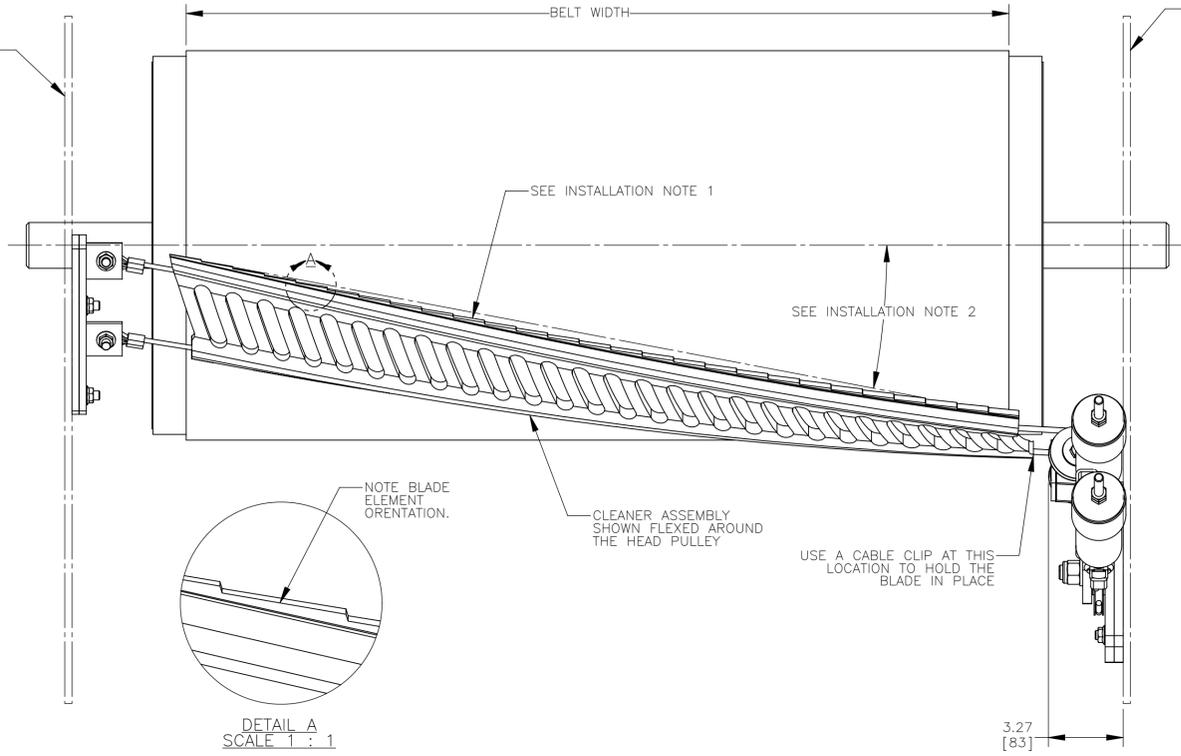
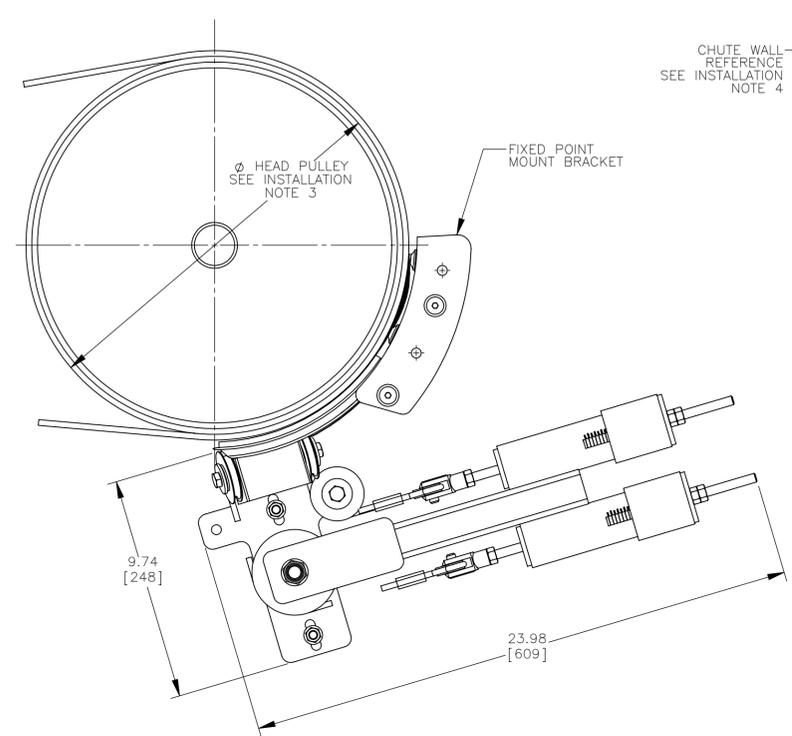
S50110-SI2LT		
(PART NUMBER FIRST FOUR XXXX'S) BELT WIDTH / NUMBER OF ELEMENTS		
PART NO.	DIM "A"	# ELEMENTS
CSP-S-1209XX-XXXX	12.37	9
CSP-S-1814XX-XXXX	19.26	14
CSP-S-2418XX-XXXX	24.77	18
CSP-S-2619XX-XXXX	26.15	19
CSP-S-3023XX-XXXX	31.66	23
CSP-S-3627XX-XXXX	37.17	27
CSP-S-4232XX-XXXX	44.06	32
CSP-S-4836XX-XXXX	49.57	36
CSP-S-5440XX-XXXX	55.08	40

(PART NUMBER 5TH X) BLADE TYPE	
PART NO.	APPLICATION
CSP-S-XXXX1X-XXXX	STANDARD VERSION, SUITABLE FOR LESS ABRASIVE MATERIALS AND LOW BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES
CSP-S-XXXX2X-XXXX	MODERATE VERSION, SUITABLE FOR ABRASIVE MATERIALS AND MEDIUM BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES
CSP-S-XXXX3X-XXXX	SEVERE VERSION, SUITABLE FOR HIGHLY ABRASIVE MATERIALS AND HIGH BELT SPEEDS, NOT ALLOWED FOR MECHANICAL SPLICES
CSP-S-XXXX4X-XXXX	EXTREME VERSION, SUITABLE FOR EXTREMELY ABRASIVE MATERIALS AND HIGHEST BELT SPEEDS, NOT ALLOWED FOR MECHANICAL SPLICES
CSP-S-XXXX5X-XXXX	STANDARD/MODERATE VERSION, SUITABLE FOR ABRASIVE MATERIALS AND LOW/MEDIUM BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES, HAS CHEMICAL RESISTANCE

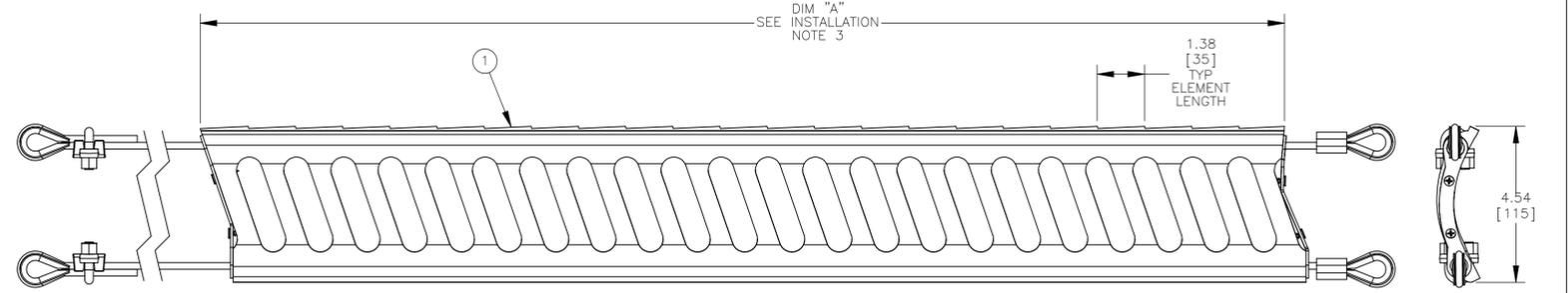
(PART NUMBER 6TH X) TYPE OF SWAGE SLEEVES	
PART NO.	TYPE OF SWAGE SLEEVES
CSP-S-XXXXX-XXXX	ALUMINUM SWAGE SLEEVES
CSP-S-XXXXXC-XXXX	COPPER SWAGE SLEEVES

(PART NUMBER LAST FOUR XXXX'S) TENSIONER / INSTALLATION KIT	
PART NO.	TENSIONER SIZE / MOUNT BRACKET
CSP-S-XXXXXX-T1	STANDARD STEEL TENSIONER AND FIXED POINT MOUNT BRACKET
CSP-S-XXXXXX-T1C	STAINLESS STEEL TENSIONER AND FIXED POINT MOUNT BRACKET
CSP-S-XXXXXX-T2	MULTIFUNCTIONAL STEEL TENSIONER AND FIXED POINT MOUNT BRACKET
CSP-S-XXXXXX-T2C	MULTIFUNCTIONAL STAINLESS STEEL TENSIONER AND FIXED POINT MOUNT BRKT

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	MARTIN CLEANSRAPE CLEANER ASSEMBLY	SEE CHARTS



- INSTALLATION NOTES:
- 1) BLADE CARBIDE SCRAPERS ARE MOLDED INTO THE RUBBER BODY AT AN ANGLE CREATING A SERRATED CLEANING EDGE. CLEANER MUST BE MOUNTED AT AN ANGLE AS SHOWN. CLEANER MUST NOT LIE IN THE MATERIAL PATH.
  - 2) THE IDEAL INSTALLATION ANGLE IS BETWEEN 14° AND 17°. ANGLES FROM 10° TO 22° ARE ACCEPTABLE.
  - 3) BELT WIDTH MUST NOT EXCEED A RATIO OF 3:1 TO THE HEAD PULLEY DIAMETER. HEAD PULLEY RANGE IS 12" MIN. TO 20" MAX.
  - 4) CHUTE WALLS MUST BE STRONG ENOUGH TO NOT FLEX WHEN THE CLEANER IS TENSIONED. ADDITIONAL CHUTE WALL STRUCTURE MAY BE REQUIRED TO PREVENT CHUTE WALL FROM FLEXING.
  - 5) LOCATE AND INSTALL THE FIXED POINT MOUNT BRACKET ON THE INSIDE OF THE NEAR SIDE CHUTE WALL. MEASURE THE HEAD PULLEY RADIUS PLUS THE LAGGING BELT THICKNESS, AND ADD THE .38". THIS IS THE RADIUS ARC THAT THE FIXED POINT BRACKET WILL BE LOCATED ON. ALSO LOCATE THE FIXED POINT BRACKET OUTSIDE EDGE .50" ABOVE THE HORIZONTAL CENTERLINE. MARK THE HOLE LOCATIONS FROM THE FIXED POINT BRACKET AND DRILL THE MOUNTING HOLES (IF NOT WELDING IN PLACE). BOLT THE FIXED POINT BRACKET TO THE INSIDE OF THE CHUTE WALL.
  - 6) ON THE OPERATORS SIDE OF THE CHUTE WALL, MARK THE LOCATION OF THE TENSIONER MOUNTING PLATE. MOUNT SO THE TOP CABLE IS APPROXIMATELY ON THE VERTICAL CENTERLINE. WELD THE TENSIONER MOUNT BRACKET TO THE INSIDE OF THE CHUTE WALL (IF NOT BOLTING IN PLACE). BOLT THE TENSIONER TO THE TENSIONER MOUNT BRACKET. LEAVE THE ADJUSTMENT BOLTS LOOSE AT THIS TIME.
  - 7) MEASURE THE APPROXIMATE CABLE LENGTH AND ASSEMBLE THE CABLE THIMBLES AND CLAMPS TO THE TENSIONER END OF THE BLADE ASSEMBLY. INSTALL CLEANER TO THE FIXED POINT BRACKET. LEAVE THE ADJUSTMENT BOLTS LOOSE AT THIS TIME. HOLD THE CLEANER TO THE HEAD PULLEY AND HOOK ONTO THE TENSIONER. TIGHTEN THE TENSIONER ADJUSTMENT NUTS UNTIL THE CLEANER IS HELD FIRMLY AGAINST THE HEAD PULLEY. ADJUST THE FIXED POINT BRACKET AND TENSIONER BRACKET SO THE OUTER TWO ELEMENTS ON EACH SIDE OF THE CLEANER ARE APPROXIMATELY 1/8" AWAY FROM THE BELT. TIGHTEN ALL BOLTS.
  - 8) TENSION THE CLEANER PER THE RECOMMENDED TENSION IN THE MANUAL.



- NOTES:
- 1) ALL DIMENSIONS ARE GIVEN IN INCHES [MM].
  - 2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.
  - 3) IN THE BLADE ASSEMBLY PART NUMBER:  
THE FIRST XX INDICATES BLADE WIDTH  
THE NEXT XX INDICATES NUMBER OF ELEMENTS IN BLADE  
THE NEXT X INDICATES BLADE CARBIDE TYPE  
THE NEXT X INDICATES IF COPPER SWAGE SLEEVES ARE REQUIRED.  
BLANK = ALUMINUM SWAGE SLEEVES  
C = COPPER SWAGE SLEEVES  
THE NEXT XXX INDICATES IF INSTALLATION KIT IS INCLUDED.  
T1 = STANDARD STEEL SPRING TENSIONER  
T1C = STAINLESS STEEL SPRING TENSIONER  
T2 = MULTIFUNCTIONAL STEEL SPRING TENSIONER  
T2C = MULTIFUNCTIONAL STAINLESS STEEL SPRING TENSIONER

FIXED POINT BRACKET LOCATION  
SCALE 1:4

BLADE DETAIL  
SCALE 3:8

NO.	DESCRIPTION	ECN	DATE	BY
B	ADDED P/N CSP-S-2619XX-XXXX TO CHART (PR13309)	----	11/15/16	RND
A	ADDED P/N CSP-S-5440XX-XXXX TO CHART (PR13169)	----	03/08/16	RND

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MARTIN ENGINEERING-USA  
NEPONSET, IL USA

**M**

TITLE: CLEANSRAPE SMALL CLEANER ASM INSIDE THE CHUTE WALL T2 TENS AT LOWER END

DRAWN: RND DATE: 07/23/15  
CHECKED: [Signature] DATE: 07/24/15  
APPROVED: [Signature] DATE: 07/24/15

SALES DRAWING: S50110-SI2LT

MD0873

REVISION: SCALE 1:4