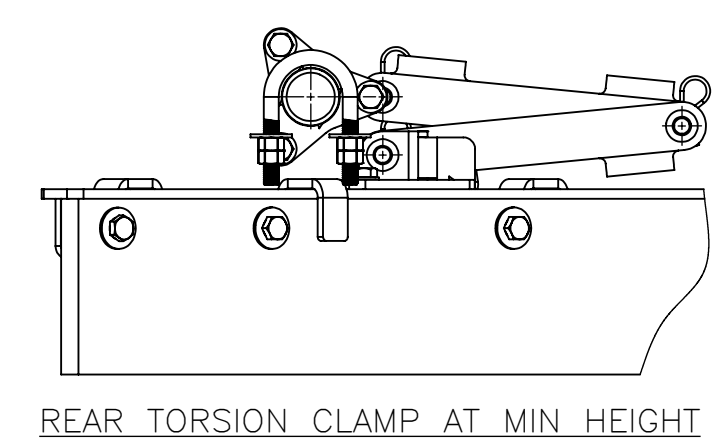
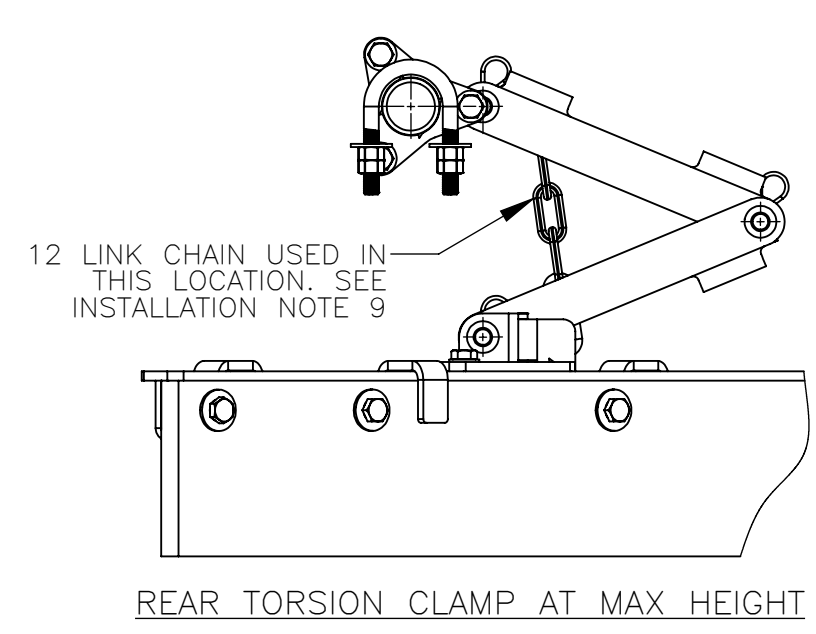


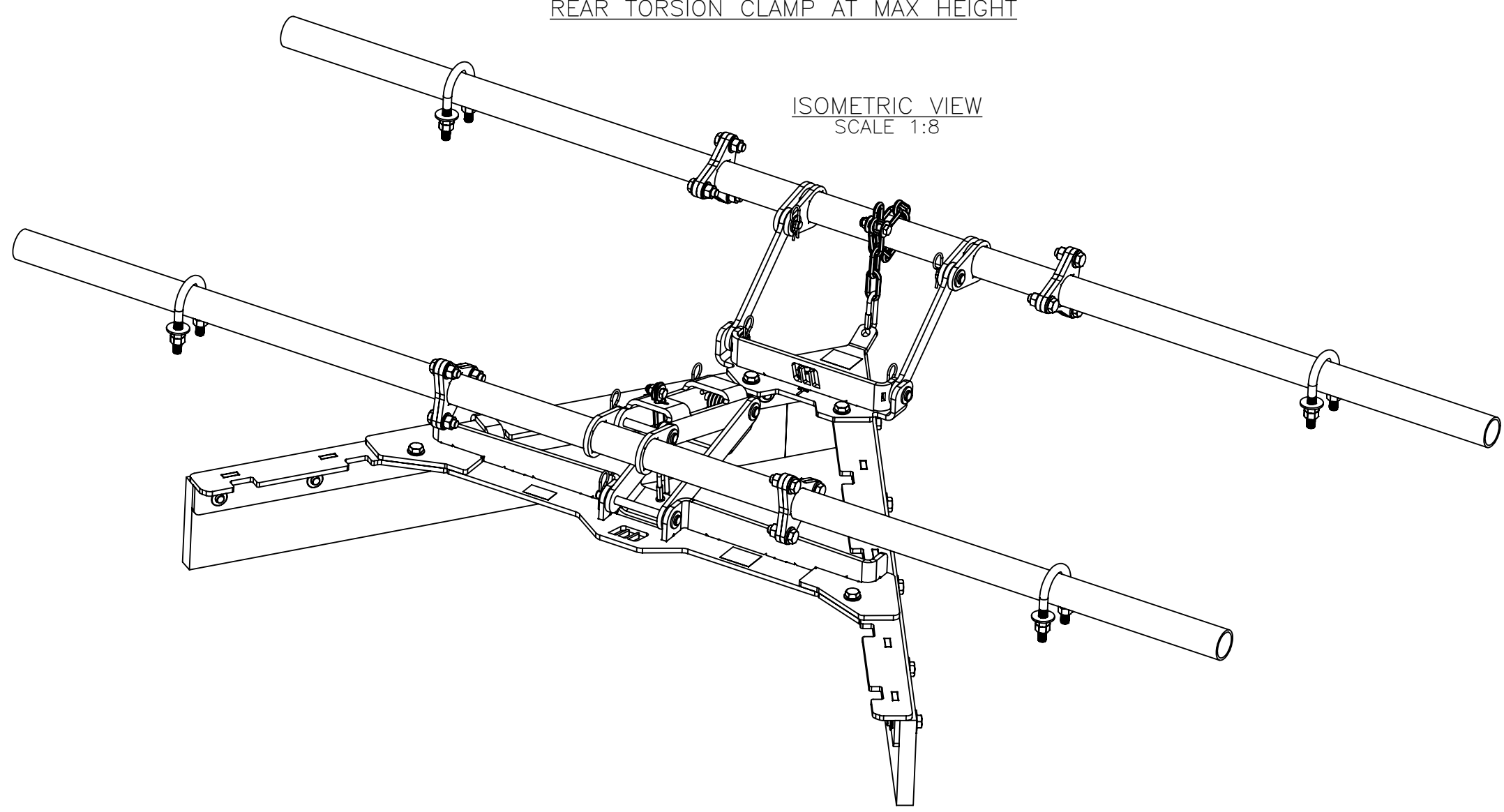
ASSEMBLY PART NUMBER	DIM "A"	DIM "B"	DIM "D"
CPVTAS24XXXXXX	685.8 [27.00]	494.8 [19.48]	1524.0 [60.00]
CPVTAS30XXXXXX	838.2 [33.00]	603.6 [23.77]	1676.4 [66.00]
CPVTAS36XXXXXX	990.6 [39.00]	712.5 [28.05]	1828.8 [72.00]
CPVTAS42XXXXXX	1143.0 [45.00]	821.3 [32.33]	1981.2 [78.00]
CPVTAS48XXXXXX	1295.4 [51.00]	930.1 [36.62]	2133.6 [84.00]
CPVTAS54XXXXXX	1447.8 [57.00]	1038.9 [40.90]	2286.0 [90.00]
CPVTAS60XXXXXX	1600.2 [63.00]	1147.7 [45.19]	2438.4 [96.00]
CPVTAS66XXXXXX	1752.6 [69.00]	1256.6 [49.47]	2590.8 [102.00]
CPVTAS72XXXXXX	1905.0 [75.00]	1365.4 [53.76]	2743.2 [108.00]
CPVTAS78XXXXXX	2057.4 [81.00]	1474.3 [58.04]	2895.6 [114.00]
CPVTAS84XXXXXX	2209.8 [87.00]	1583.1 [62.33]	3048.0 [120.00]
CPVTAS96XXXXXX	2514.6 [99.00]	1800.7 [70.90]	3352.8 [132.00]
CPVTAS8XXXXXX	2819.4 [111.00]	2018.4 [79.46]	3657.6 [144.00]
CPVTASCOXXXXXX	3124.2 [123.00]	2236.0 [88.03]	3962.4 [156.00]



REAR TORSION CLAMP AT MIN HEIGHT

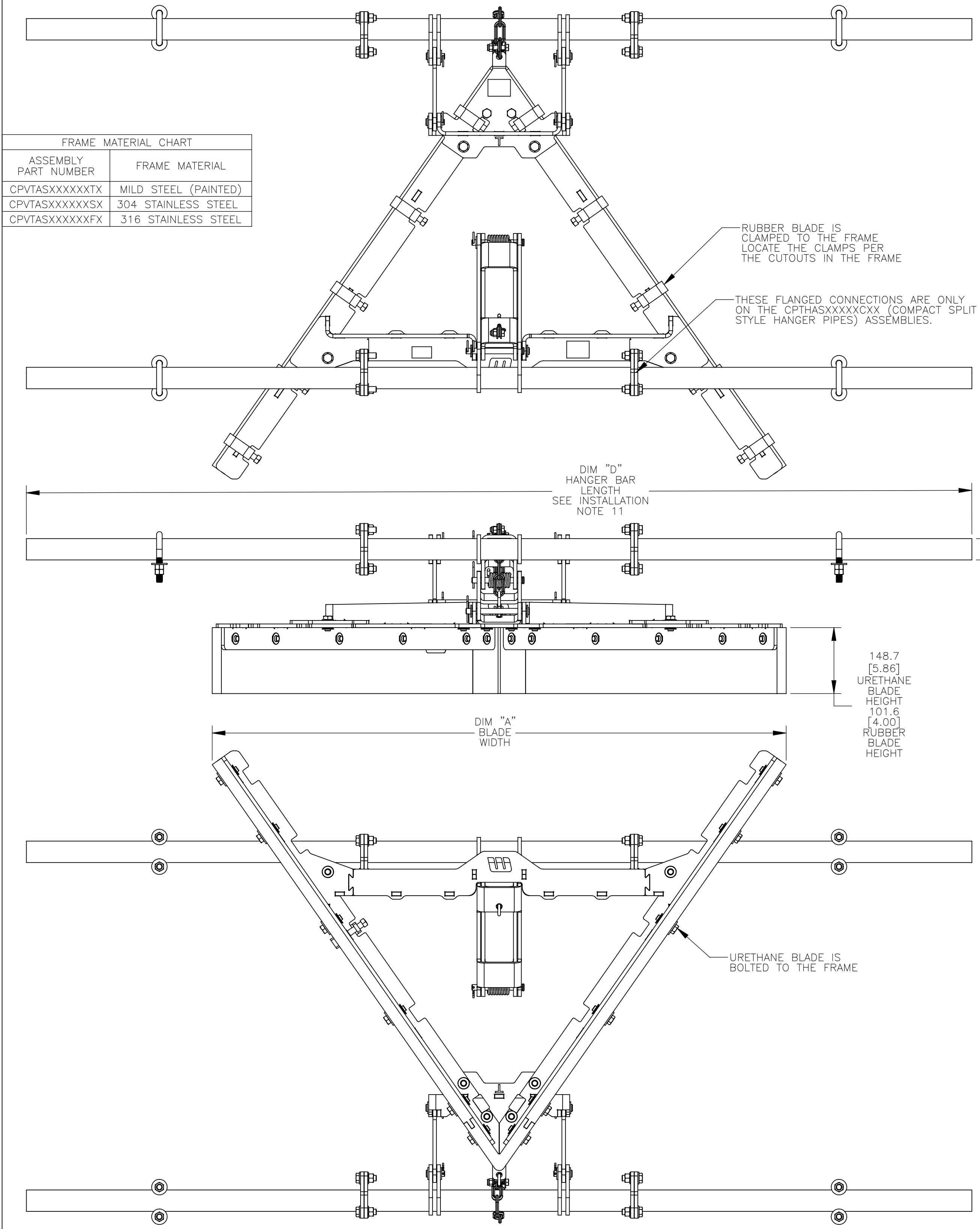


REAR TORSION CLAMP AT MAX HEIGHT



ISOMETRIC VIEW SCALE 1:8

FRAME MATERIAL CHART	
ASSEMBLY PART NUMBER	FRAME MATERIAL
CPVTASXXXXXTX	MILD STEEL (PAINTED)
CPVTASXXXXXSX	304 STAINLESS STEEL
CPVTASXXXXSFX	316 STAINLESS STEEL



DIM "D" HANGER BAR LENGTH SEE INSTALLATION NOTE 11

RUBBER BLADE IS CLAMPED TO THE FRAME LOCATE THE CLAMPS PER THE CUTOUTS IN THE FRAME

THESE FLANGED CONNECTIONS ARE ONLY ON THE CPVTASXXXXCXX (COMPACT SPLIT STYLE HANGER PIPES) ASSEMBLIES.

148.7 [5.86] URETHANE BLADE HEIGHT  
101.6 [4.00] RUBBER BLADE HEIGHT

DIM "A" BLADE WIDTH

Ø48.3 [1.90] TYP

URETHANE BLADE IS BOLTED TO THE FRAME

BLADE CHART		
ASSEMBLY PART NUMBER	URETHANE SIDE BLADE P/N	RUBBER BLADE P/N
CPVTAS24RXXXXX	-----	CPVTBS24R
CPVTAS24XXXXXX	CPVTBS24X	-----
CPVTAS30RXXXXX	-----	CPVTBS30R
CPVTAS30XXXXXX	CPVTBS30X	-----
CPVTAS36RXXXXX	-----	CPVTBS36R
CPVTAS36XXXXXX	CPVTBS36X	-----
CPVTAS42RXXXXX	-----	CPVTBS42R
CPVTAS42XXXXXX	CPVTBS42X	-----
CPVTAS48RXXXXX	-----	CPVTBS48R
CPVTAS48XXXXXX	CPVTBS48X	-----
CPVTAS54RXXXXX	-----	CPVTBS54R
CPVTAS54XXXXXX	CPVTBS54X	-----
CPVTAS60RXXXXX	-----	CPVTBS60R
CPVTAS60XXXXXX	CPVTBS60X	-----
CPVTAS66RXXXXX	-----	CPVTBS66R
CPVTAS66XXXXXX	CPVTBS66X	-----
CPVTAS72RXXXXX	-----	CPVTBS72R
CPVTAS72XXXXXX	CPVTBS72X	-----
CPVTAS78RXXXXX	-----	CPVTBS78R
CPVTAS78XXXXXX	CPVTBS78X	-----
CPVTAS84RXXXXX	-----	CPVTBS84R
CPVTAS84XXXXXX	CPVTBS84X	-----
CPVTAS96RXXXXX	-----	CPVTBS96R
CPVTAS96XXXXXX	CPVTBS96X	-----
CPVTAS8RXXXXX	-----	CPVTBS8R
CPVTAS8XXXXXX	CPVTBS8X	-----
CPVTASCORXXXXX	-----	CPVTBSCOR
CPVTASCOXXXXXX	CPVTBSCOX	-----

URETHANE BLADE COLOR CHART			
ASSEMBLY PART NUMBER	URETHANE NOSE P/N	URETHANE SIDE BLADE P/N	BLADE COLOR
CPVTASXXOXXXXX	CPVTB001O	CPVTBSXXO	ORANGE
CPVTASXXBXXXXX	CPVTB001B	CPVTBSXXB	BROWN
CPVTASXXGXXXXX	CPVTB001G	CPVTBSXXG	GREEN

HANGER ARM CHART				
ASSEMBLY PART NUMBER	HANGER ARM P/N	DIM "E"	DIM "F" MIN.	DIM "G" MAX.
CPVTASXR03XXX	CPVTP1002203X	200 [7.87]	188 [7.39]	334 [13.14]
CPVTASXX03XXX	CPVTP1002203X	200 [7.87]	235 [9.25]	381 [15.00]
CPVTASXR04XXX	CPVTP1002204X	300 [11.81]	239 [9.39]	435 [17.14]
CPVTASXX04XXX	CPVTP1002204X	300 [11.81]	286 [11.25]	483 [19.00]

HANGER ARM DIMENSIONS				
ASSEMBLY PART NUMBER	DIM "C" MIN W/7.87 ARMS	DIM "C" MIN W/11.81 ARMS	DIM "C" MAX W/7.87 ARMS	DIM "C" MAX W/11.81 ARMS
CPVTAS24XXXXXX THRU CPVTAS36XXXXXX	387 [15.25]	432 [17.00]	559 [22.00]	732 [28.81]
CPVTAS42XXXXXX THRU CPVTAS48XXXXXX	631 [24.83]	670 [26.38]	837 [32.94]	944 [37.17]
CPVTAS54XXXXXX THRU CPVTAS66XXXXXX	859 [33.83]	886 [34.88]	1065 [41.94]	1160 [45.67]
CPVTAS72XXXXXX THRU CPVTAS84XXXXXX	1183 [46.58]	1210 [47.63]	1389 [54.69]	1484 [58.42]
CPVTAS96XXXXXX THRU CPVTAS8XXXXXX	1583 [62.33]	1683 [66.25]	1789 [70.44]	1884 [74.17]
CPVTASCOXXXXXX	1983 [78.08]	2010 [79.13]	2189 [86.19]	2284 [89.92]

NOTES:  
1) ALL DIMENSIONS ARE GIVEN IN MILLIMETERS [INCHES].  
2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.  
3) IN THE PART NUMBER THE SXX AFTER THE CPVTA INDICATES THE BELT WIDTH IN STANDARD INCH UNITS FOR BELT WIDTHS 18.00 THRU 96.00.  
SAB = 108.00 INCHES  
SCO = 120.00 INCHES  
THE NEXT X INDICATES THE BLADE TYPE:  
R = RUBBER BLADE (1 PC BLADE) (CLAMPED TO THE FRAME)  
O = ORANGE URETHANE BLADE (3 PC BLADE)  
B = BROWN URETHANE BLADE (3 PC BLADE)  
G = GREEN URETHANE BLADE (3 PC BLADE)  
(URETHANE BLADES ARE BOLTED TO THE FRAME)  
THE NEXT TWO XX'S INDICATE THE HANGER ARM USED:  
01 = 01 HANGER ARM THRU 04 = 04 HANGER ARM (SEE CHART FOR SIZE)  
THE NEXT X INDICATES THE HANGER PIPE TYPE:  
C = COMPACT SPLIT STYLE HANGER PIPES  
S = 1 PIECE SOLID STYLE HANGER PIPES  
THE NEXT X INDICATES THE TYPE OF STEEL MATERIAL USED:  
T = PAINTED MILD STEEL  
S = 304 STAINLESS STEEL  
F = 316 STAINLESS STEEL  
THE LAST X INDICATES THE ASSEMBLY OPTIONS:  
A = UNIT IS SHIPPED ASSEMBLED  
B = UNIT IS SHIPPED ASSEMBLED WITH HUB MOUNT KIT  
U = UNIT IS SHIPPED UNASSEMBLED  
V = UNIT IS SHIPPED UNASSEMBLED WITH HUB MOUNT KIT  
4) WARNING LABELS (P/N'S 23395 AND 38277) ARE SHIPPED LOOSE AND ARE TO BE PLACED ON BOTH SIDES OF THE CONVEYOR NEAR THE PRODUCT.

A	(SHT 1) ADDED HUB MOUNT KIT OPTIONS TO NOTE / (SHT 2) ADDED OPTIONAL HUB MOUNT DETAILS (PR13887)	-----	11/06/19	JAH
NO.	DESCRIPTION	ECN	DATE	BY
SOLIDWORKS		REVISION		

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MARTIN ENGINEERING-USA  
NEPONSET, IL USA

TITLE	TORSION V-PLow ASM 24 - 120 BELT WIDTHS	DRAWN RND DATE 09/24/18
CHECKED		CHECKED DATE 02/06/19
APPROVED		APPROVED DATE 02/05/19
SALES DRAWING		SCALE 5:32

PR13634 S50127