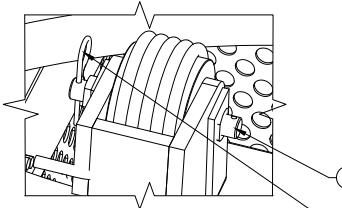
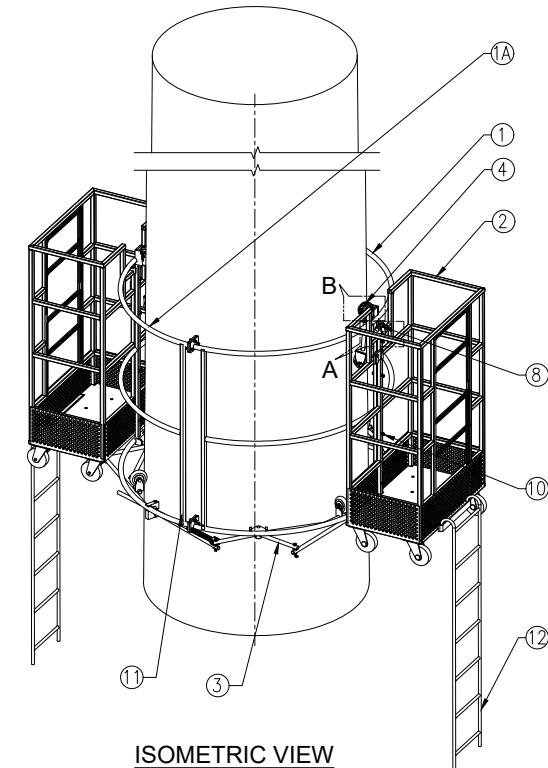


**DETAIL - A**



**DETAIL - B**



**ISOMETRIC VIEW**

NO.	PART NO.	DESCRIPTION	QTY.
12	418147NGXX	P01054_LADDER ASSEMBLY	2
11	160062NGXX	H01014_M12X40_BOLT 1N+1SW	12
10	460189NXXX	H01013_M12X85_HX BLT 2N+2PW (SS304)	8
9	170013NXXX	H01007_NUT M16 FOR P01058	2
8	1AP021NXXX	P01069_NYLON BUSH WIRE ROPE MOUNTING	4
7	1AP020NXXX	P01002_PIN	2
6	1AP019NXXX	H01012_SPRING COTTER	4
5	1AP018NXXX	P01058_PIN	2
4	418115NXXX	A01013_SUPPORT WHEEL ASSEMBLY	2
3	-NXXX	A01012_16AF_ROLLER ASSEMBLY	1
2	418112NXXX	A01003_CAGE ASSEMBLY	1+1
1A	-NXXX	A01007_16AF_CAGE MOUNTING ASSEMBLY LH	1
1	-NXXX	A01002_16AF_CAGE MOUNTING ASSEMBLY RH	1

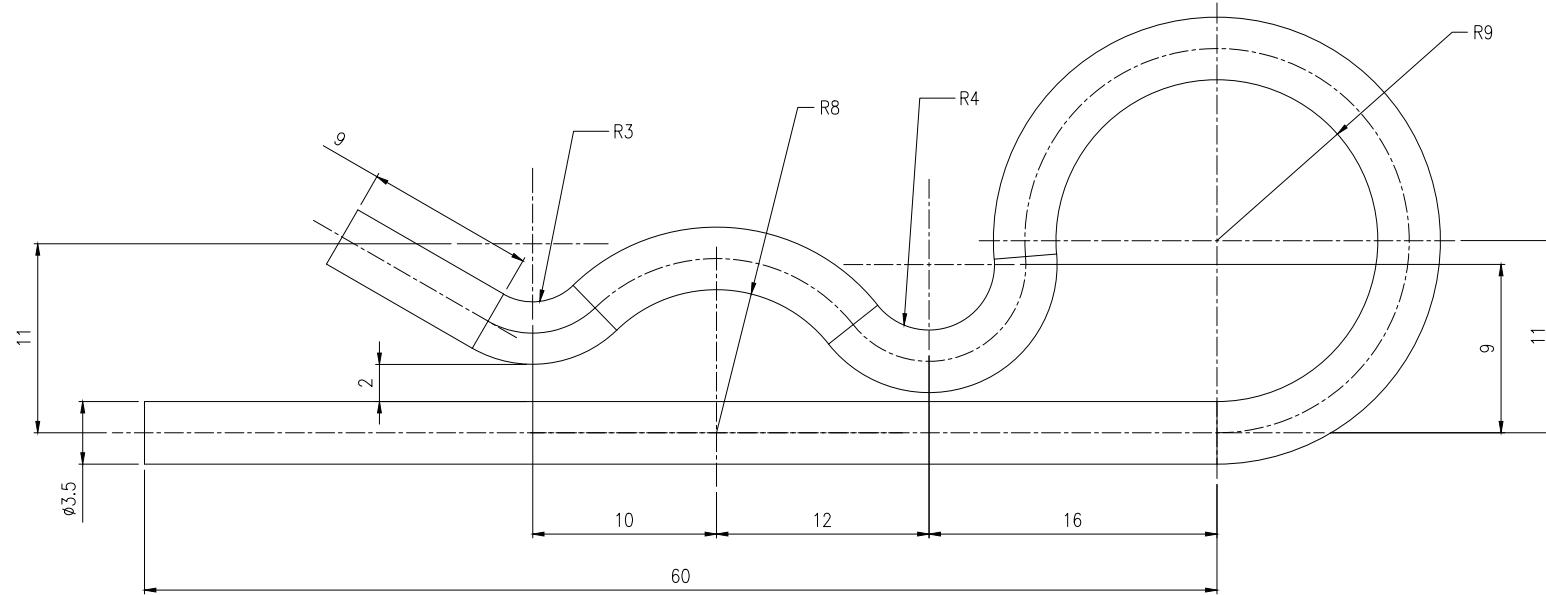
**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD		
DESCRIPTION	A01001_16AF_MAN RIDER ASSEMBLY		
PROD. DESCRIPTION	MAN RIDER ASSY 300KG CAPACITY FOR STADIUM MAST		
PART NO.	1A1807NGXX		
DRAWN	SSD 05-07-2022	MATERIAL	-
ENGR	VJP 05-07-2022	THK(mm)	-
CHECKED	MMW2 05-07-2022	WEIGHT(Kgs)	307.28
REVISION	00	SCALE	NTS

**PROTO COPY**

- NOTES:-
1. ALL DIMENSIONS ARE IN MM. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  3. FOR ANGLE PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.
  4. MILD STEEL/ANGLES/CHANNELS SHALL CONFIRM TO IS 2062 (MINIMUM YST250 MPA)
  5. HARDWARE : AS PER IS 4759/ASTM A153
  6. GALVANIZING AS PER IS:4759/ASTM A123
  7. DIMENSIONS FOR HOT ROLLED STEEL ANGLE/CHANNEL SECTIONS SHALL BE ACCORDANCE WITH IS 808
  8. ALL FILLET WELD ARE 5MM THK. U.O.S.
  9. ALL HOLES SHOULD BE DRILLED & REQUIRED PROPER FINISHING.
  10. THE HOLES SHALL BE BURR-FREE.
  11. INSIDE SHOULD BE FULL WELDING & OUTER SIDE SHOULD BE FLUSH WELD.
  12. PU PAINTED RAL CODE AS PER CLINT REQUIREMENT.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



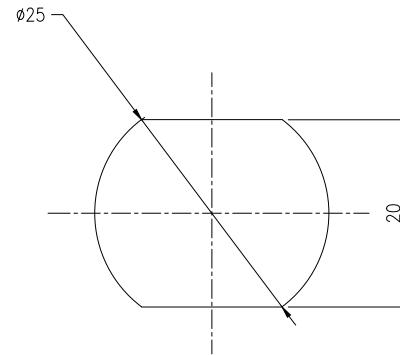
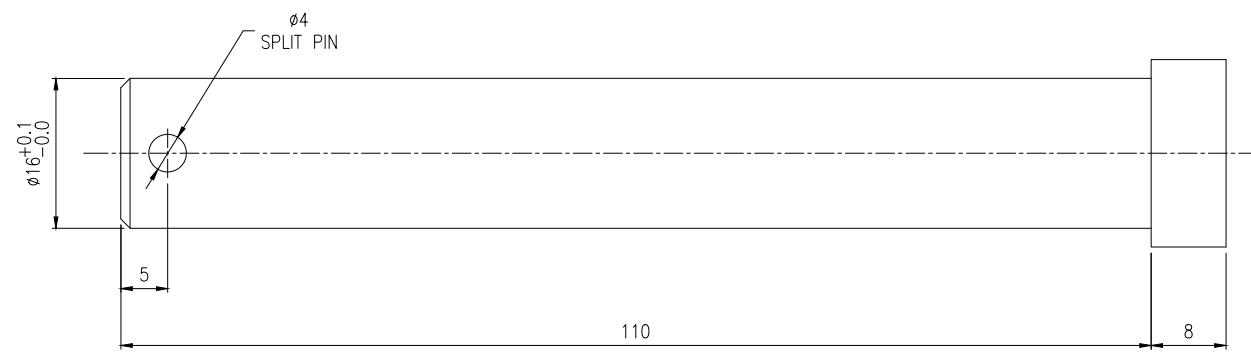
PROTO COPY

NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
 MIDC, INDAPUR, PUNE(DIST).  
 INDIA, PIN-413132

CUSTOMER	STANDARD		
DESCRIPTION	H01012_SPRG COTTR		
PROD. DESCRIPTION	WIRE DIA 3.5 SPRG COTR DIN 11024 FOR SFT 10-16		
PART NO.	1AP019NXXX		
DRAWN	SSD	09-06-2022	MATERIAL

ENGR	VJP	09-06-2022	THK(mm)	-	ORDER NO	-
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	0.012	SCALE	NTS
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	REVISION	00



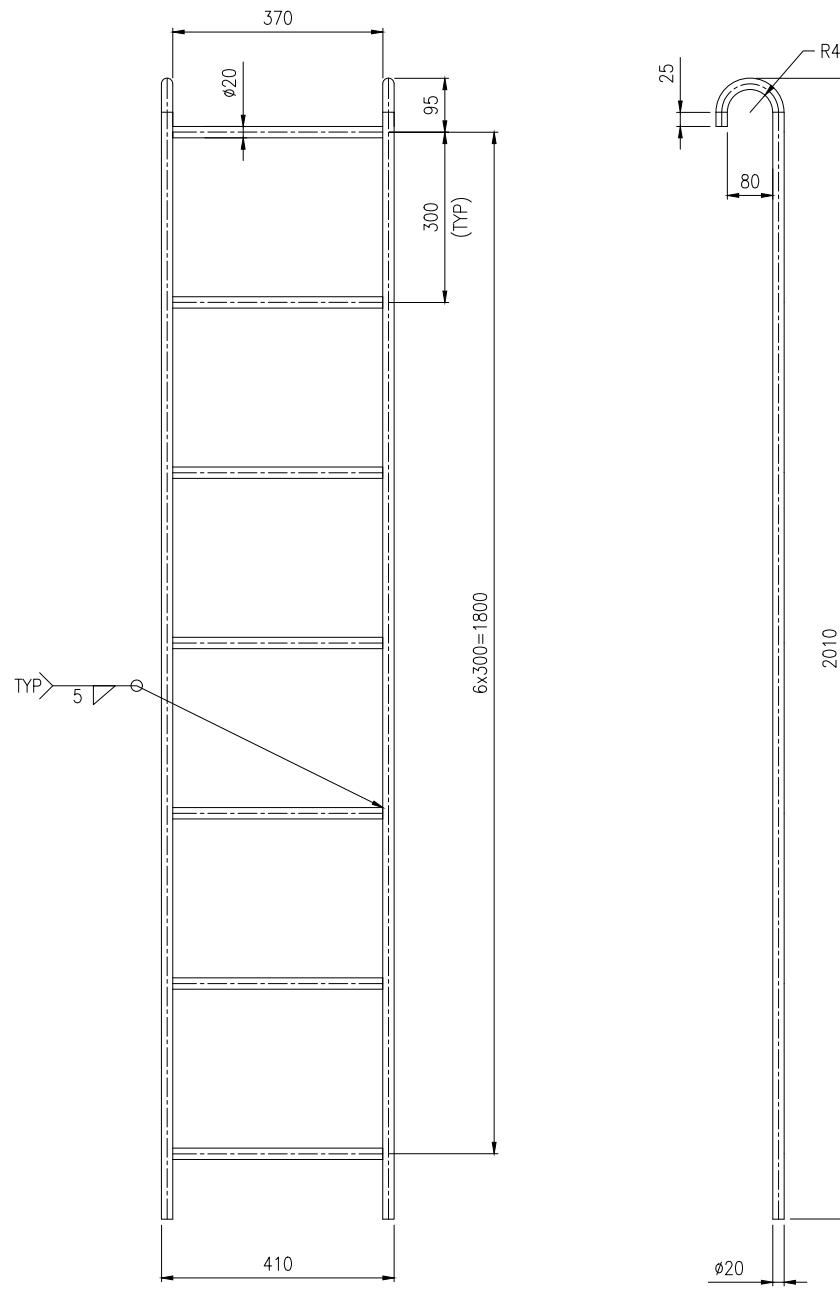
PROTO COPY

NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD				
DESCRIPTION	P01002_PIN				
PROD. DESCRIPTION	PIN DIA 16 118LG SS304 P01002				
PART NO.	1AP020NXXX				
DRAWN	SSD 09-06-2022	MATERIAL	SS 304	ORDER NO	-
ENGR	VJP 09-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs)	0.2	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



PROTO COPY

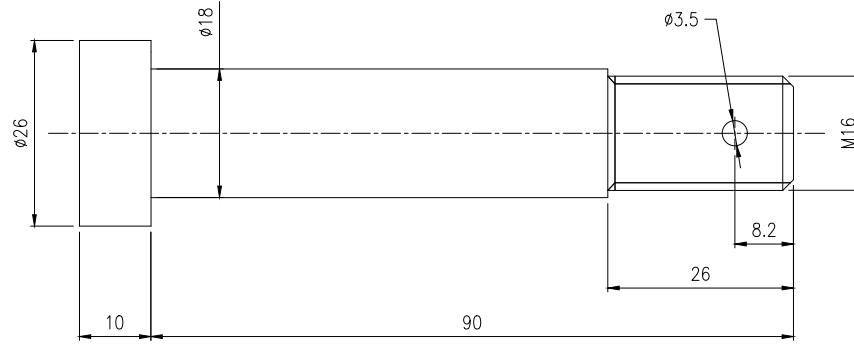
NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.
5. FOR REGULAR SHAPE (CORSS SECTION OF STR.) PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION
				-

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD		
DESCRIPTION	P01054_LADDER ASSEMBLY		
PROD. DESCRIPTION	LADDER ASSEMBLE - 2.01 300 B/B GAL W/O CAGE		
PART NO.	418147NGXX		
DRAWN	SSD	09-06-2022	MATERIAL
ENGR	VJP	09-06-2022	IS:1239 GR210
CHECKED	MMW2	09-06-2022	THK(mm)
			-
SCALE	NTS		
REVISION	00		



NOTES:-

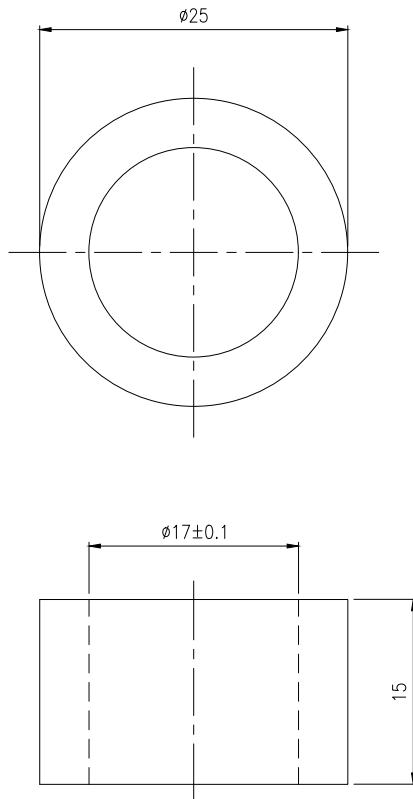
1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.

**PROTO COPY**

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01058_PIN
PROD. DESCRIPTION	STEP PIN WITH M16 THREAD 90MM LG SS304 P01058
PART NO.	<b>1AP018NXXX</b>
DRAWN	SSD 09-06-2022
ENGR	VJP 09-06-2022
CHECKED	MMW2 09-06-2022
DESCRIPTION	WEIGHT(Kgs)
SPECIFICATION	0.2
	ORDER NO
	SQ-
	SCALE
	NTS
	REVISION
	00

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	REVISION
				-	00



NOTES:-

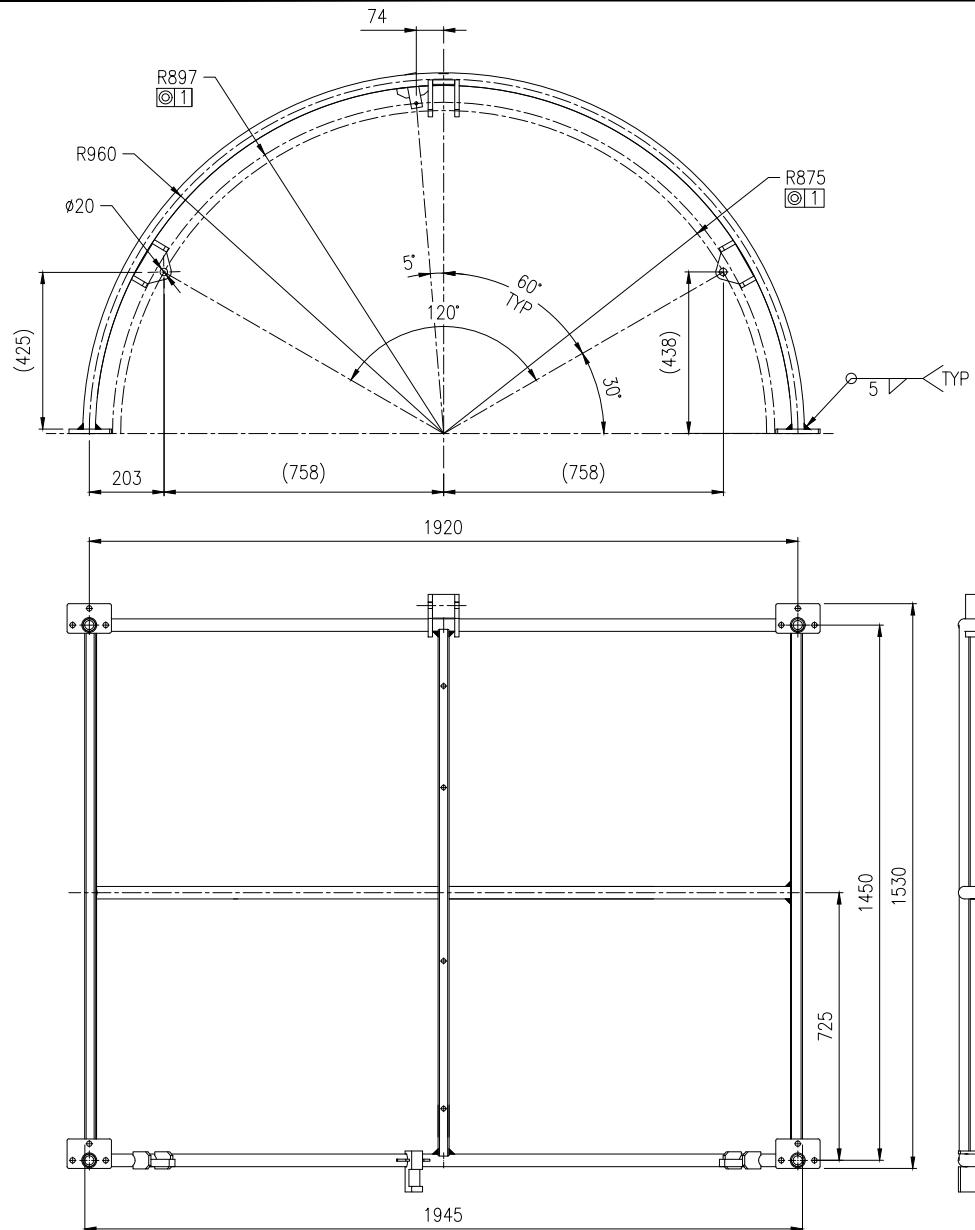
1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.

**PROTO COPY**

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

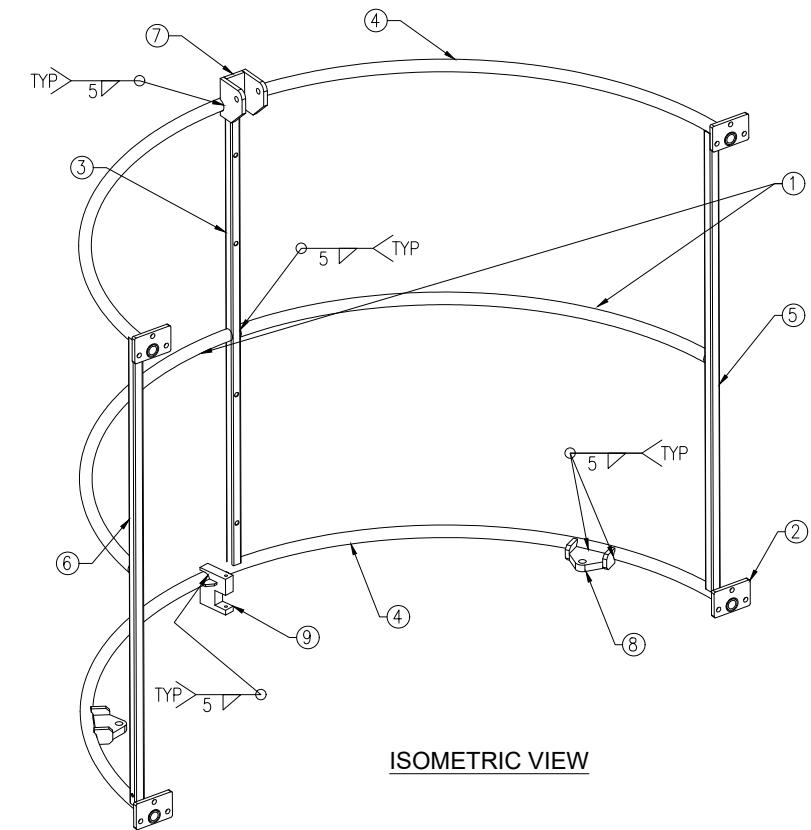
CUSTOMER	STANDARD		
DESCRIPTION	P01069_NYLON BUSH WIRE ROPE MOUNTING		
PROD. DESCRIPTION	NYLON BUSH WIRE FOR ROPE MTG P01069		
PART NO.	1AP021NXXX		
DRAWN	SSD	09-06-2022	MATERIAL
ENGR	VJP	09-06-2022	THK(mm)
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)
			0.005
SCALE	NTS		
REVISION	00		

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



**PROTO COPY**

- NOTES:-  
 1. ALL DIMENSIONS ARE IN MM. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 2. EXPOSED EDGES SHALL BE RADIAUSED TO 1.5mm.  
 3. FOR ANGLE PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.  
 4. MILD STEEL/ANGLES/CHANNELS SHALL CONFIRM TO IS 2062 (MINIMUM YST250 MPa)  
 5. HARDWARE : AS PER IS 4759/ASTM A153  
 6. GALVANIZING AS PER IS:4759/ASTM A123  
 7. DIMENSIONS FOR HOT ROLLED STEEL ANGLE/CHANNEL SECTIONS  
 SHALL BE ACCORDANCE WITH IS 808  
 8. ALL FILLET WELD ARE 5MM THK. U.O.S.  
 9. ALL HOLES SHOULD BE DRILLED & REQUIRED PROPER FINISHING.  
 10. THE HOLES SHALL BE BURR-FREE.  
 11. INSIDE SHOULD BE FULL WELDING & OUTER SIDE SHOULD BE FLUSH WELD.



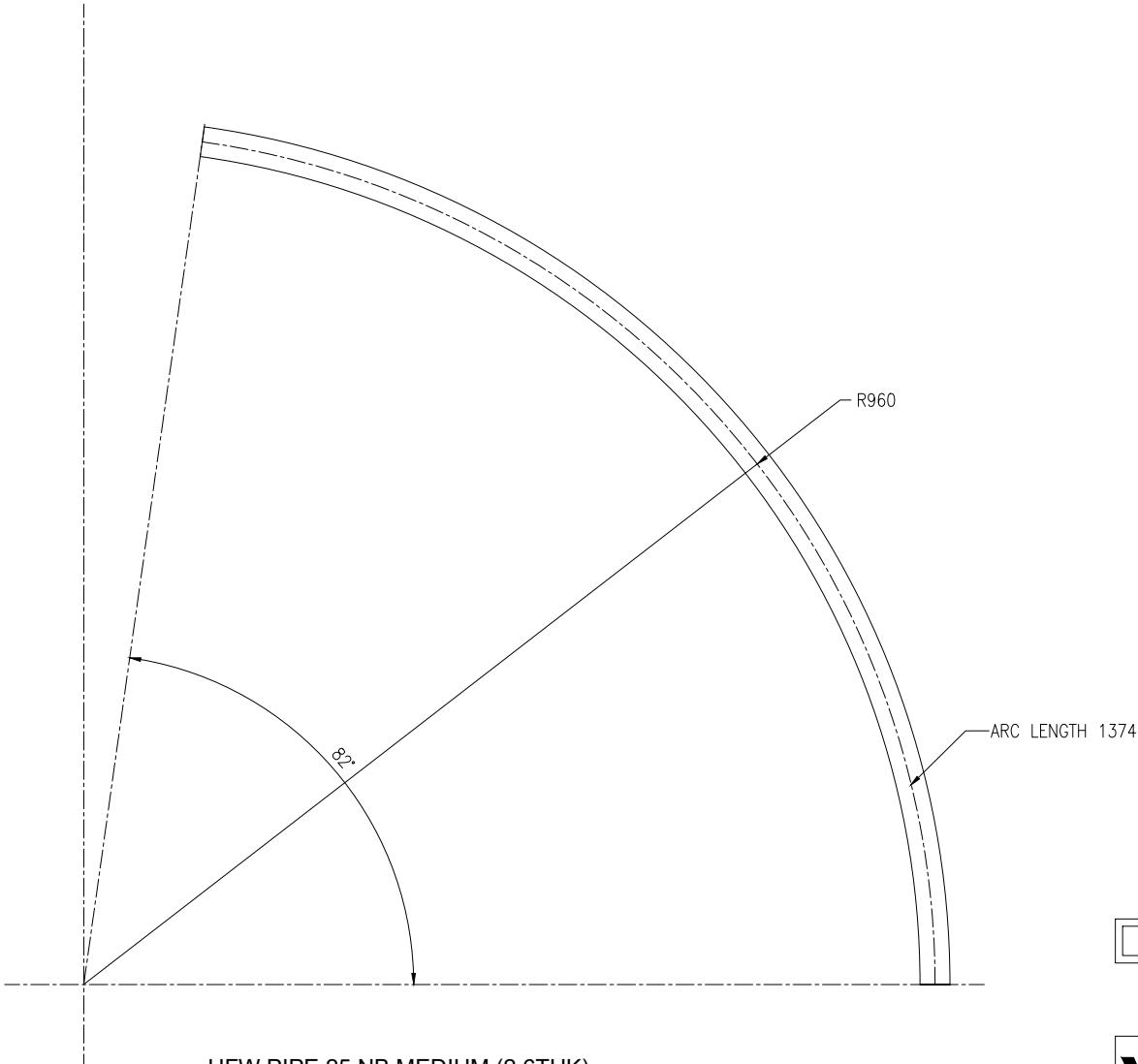
**ISOMETRIC VIEW**

NO.	PART NO.	DESCRIPTION	QTY.
9	-NXXX	P01049_STOPPER	1
8	-NXXX	P01056_LINKAGE MTG BKT	2
7	-NXXX	A01005_LINK MTG BKT	1
6	-NXXX	P01011_SQUARE SECTION 30X30X2.6_1450 LG	1
5	-NXXX	P01010_SQUARE SECTION 30X30X2.6_1450 LG	1
4	-NXXX	P01009_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK) 1838 LG.	2
3	-NXXX	P01008_SQUARE SECTION 30X30X2.6_1450 LG	1
2	-NXXX	P01007_MOUNTING BRACKET 120X80X12THK	4
1	-NXXX	P01006_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK) 1374 LG.	2

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN -413132

CUSTOMER		STANDARD	
DESCRIPTION		A01002_16A/F_CAGE MOUNTING ASSEMBLY RH	
PROD. DESCRIPTION		HALF RING CAGE MTG WELDED ASSY A01002_16A/F RHS	
PART NO.		-NXXX	
DRAWN	SSD	29-06-2022	MATERIAL
ENGR	VJP	29-06-2022	THK(mm)
CHECKED	MMW2	29-06-2022	WEIGHT(Kgs)
			38.80
SCALE	NTS		
REVISION	00		

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION
				-



PROTO COPY

HFW PIPE 25 NB MEDIUM (2.6THK)

NOTES:-

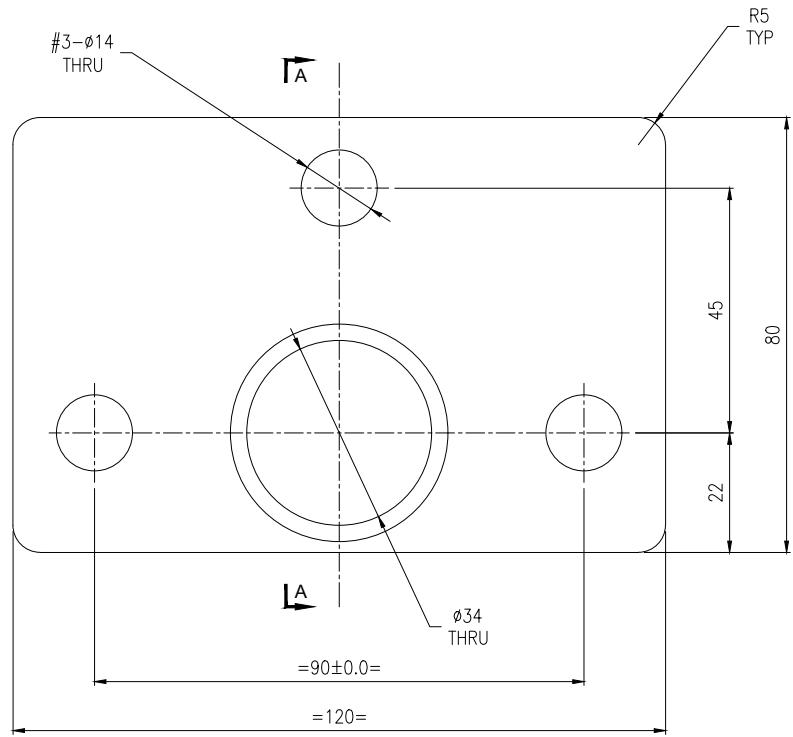
1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	ORDER NO	-
				ENGR	VJP	09-06-2022	THK(mm)
				CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD	
DESCRIPTION		P01006_16A/F_HFW PIPE 25 NB MEDIUM	
PROD. DESCRIPTION		P01006_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK) 1374LG.	
PART NO.		-NXXX	

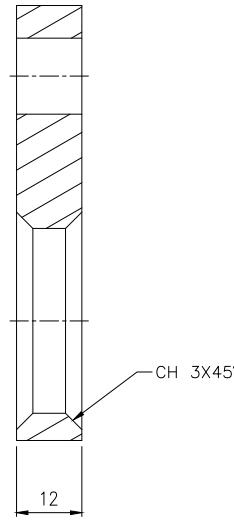
DRAWN	SSD	09-06-2022	MATERIAL	IS:1161(YST210)	ORDER NO	-
ENGR	VJP	09-06-2022	THK(mm)	2.6	SCALE	NTS
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	-	REVISION	00



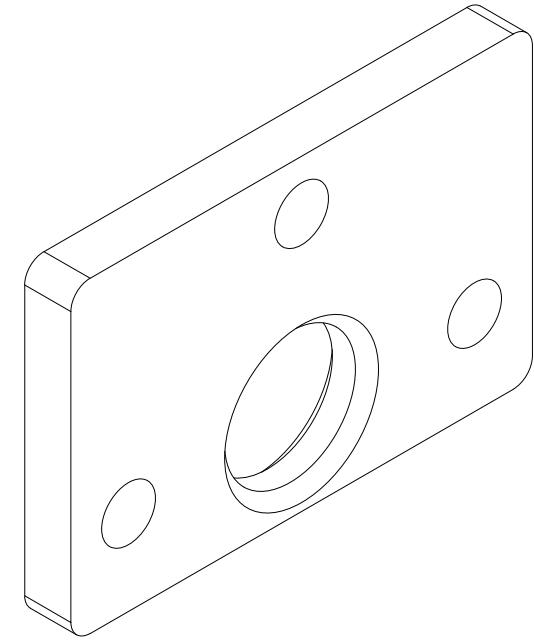
**PROTO COPY**

NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.



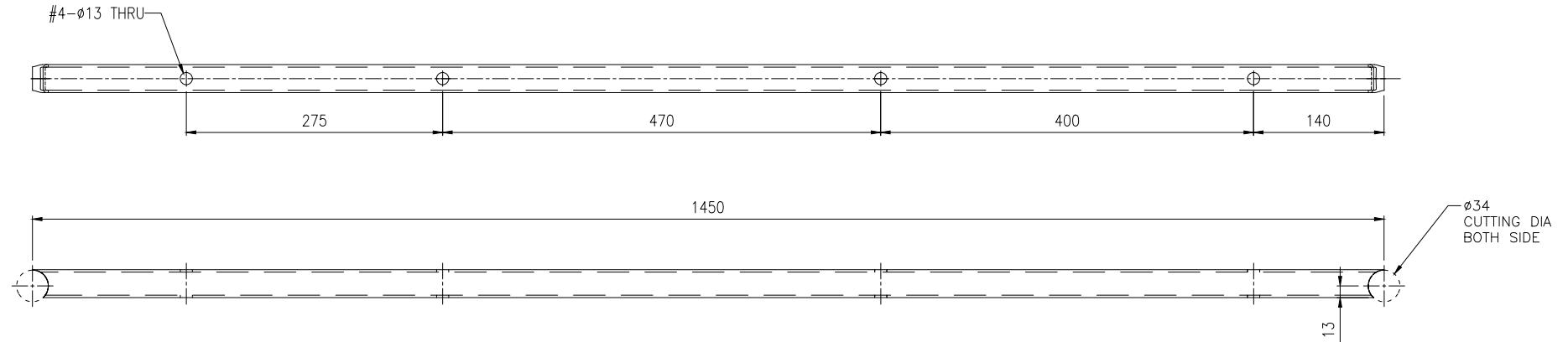
**SECTION VIEW A-A**



**ISOMETRIC VIEW**

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD					
DESCRIPTION	P01007_MOUNTING BRACKET					
PROD. DESCRIPTION	MOUNTING BRACKET 120X80X12 P01007					
PART NO.	-NXXX					
DRAWN	SSD 09-06-2022	MATERIAL	IS:2062(E250)	ORDER NO	-	
ENGR	VJP 09-06-2022	THK(mm)	12	SCALE	NTS	
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs)	-	REVISION	00	
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	

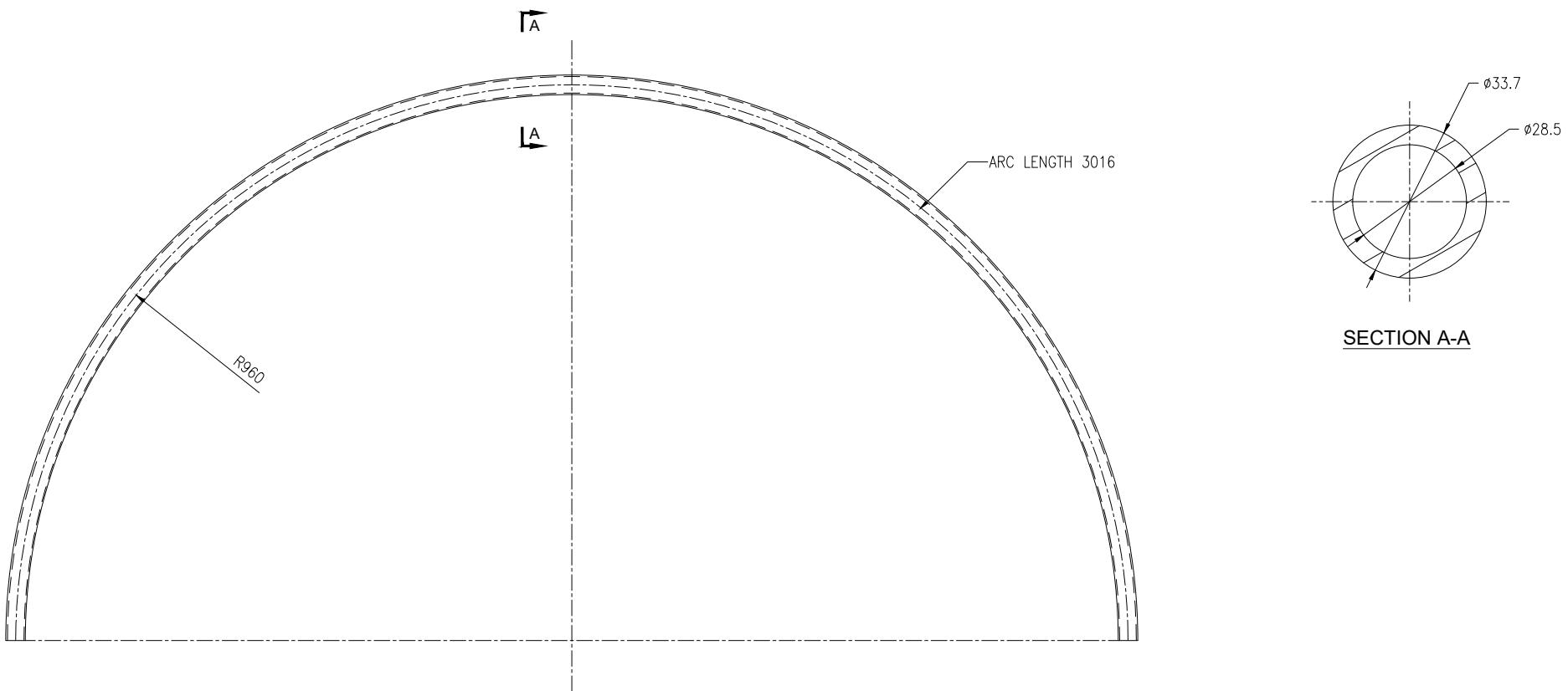


NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CORSS SECTION OF STR.)  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

**PROTO COPY**

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01008_SQUARE SECTION 30X30X2.6_1450LG
PROD. DESCRIPTION	- -
PART NO.	<b>-NXXX</b>
DRAWN	SSD 09-06-2022
ENGR	VJP 09-06-2022
CHECKED	MMW2 09-06-2022
REVISION	00
REVISION	00
DATE	09-06-2022
SPECIFICATION	-
DESCRIPTION	
REV NO.	
SCALE	NTS
WEIGHT(Kgs)	2.6
THK(mm)	



PROTO COPY

#### **NOTES:-**

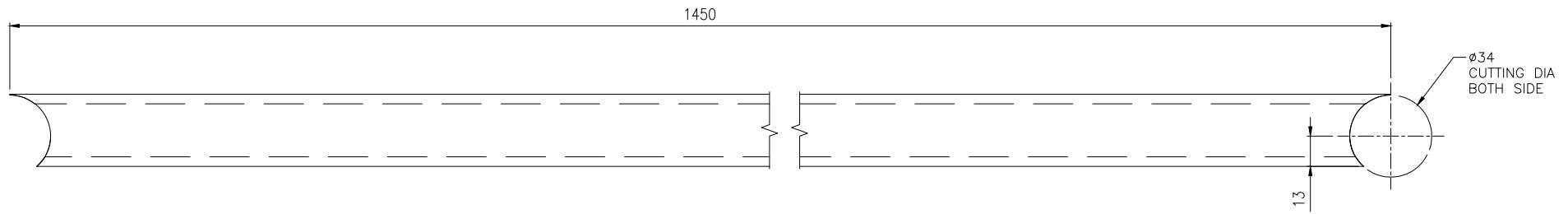
1. ALL DIMENSIONS ARE IN MM.
  2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  3. DRILLED HOLES NEED 1x45° CHAMFER.
  4. THE HOLES SHALL BE BURR-FREE

			DRAWN	SSD	05-06-2022	MATERIAL	IS:1178 (1972)	ORDER NO	-
			ENGR	VJP	09-06-2022	THK(mm)	2.6	SCALE	NTS
			CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	-		
REV. NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-			REVISION	00



A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

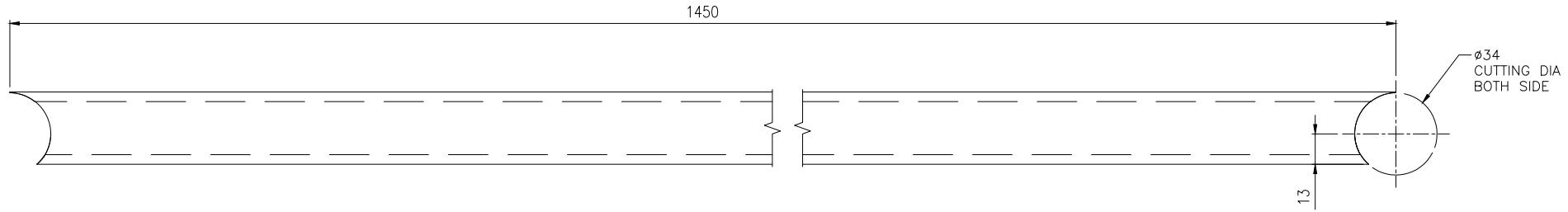
CUSTOMER		STANDARD				
DESCRIPTION		P01009_16A/F_HFW PIPE 25 NB MEDIUM				
PROD. DESCRIPTION		P01009_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK)3016LG.				
PART NO.		-NXXX				
DRAWN	SSD	09-06-2022	MATERIAL	IS:1161(YST210)	ORDER NO	-
ENGR	VJP	09-06-2022	THK(mm)	2.6	SCALE	NTS
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	-		
SPECIFICATION	-			REVISION	00	



NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CROSS SECTION OF STR.)  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

**PROTO COPY**

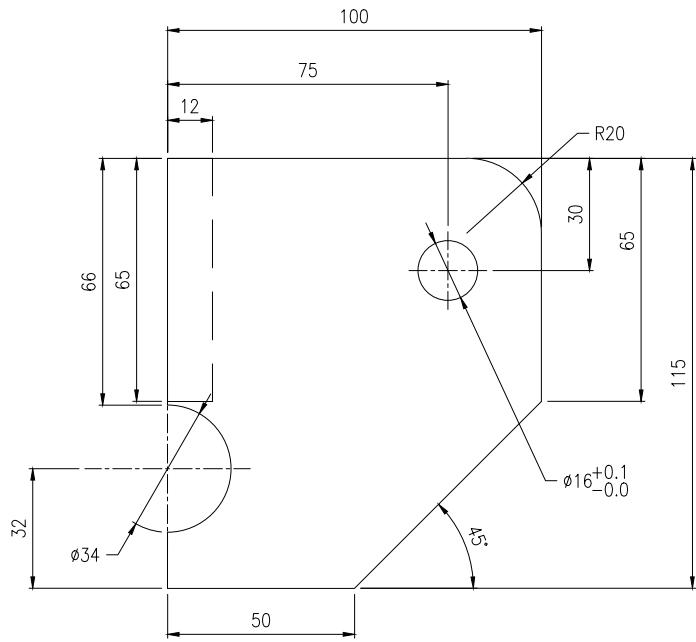
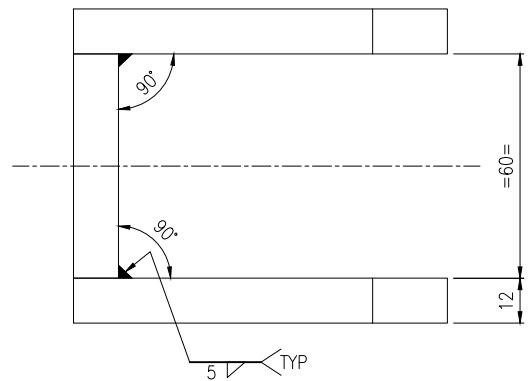
<b>valmont</b> 		A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132		
<b>CUSTOMER</b>		<b>STANDARD</b>		
DESCRIPTION		P01010_SQUARE SECTION 30X30X2.6_1450 LG		
PROD. DESCRIPTION		- -		
PART NO.		<b>-NXXX</b>		
DRAWN	SSD 09-06-2022	MATERIAL IS:4923(YST 210)	ORDER NO	-
ENGR	VJP 09-06-2022	THK(mm) 2.6	SCALE	NTS
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs) -	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION -



NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CORSS SECTION OF STR.)  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

**PROTO COPY**

<b>valmont</b> 		A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132		
CUSTOMER		<b>STANDARD</b>		
DESCRIPTION		P01011_SQUARE SECTION 30X30X2.6_1450 LG		
PROD. DESCRIPTION		- -		
PART NO.		<b>-NXXX</b>		
DRAWN	SSD 09-06-2022	MATERIAL IS:4923(YST 210)	ORDER NO	-
ENGR	VJP 09-06-2022	THK(mm) 2.6	SCALE	NTS
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs) -	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION -

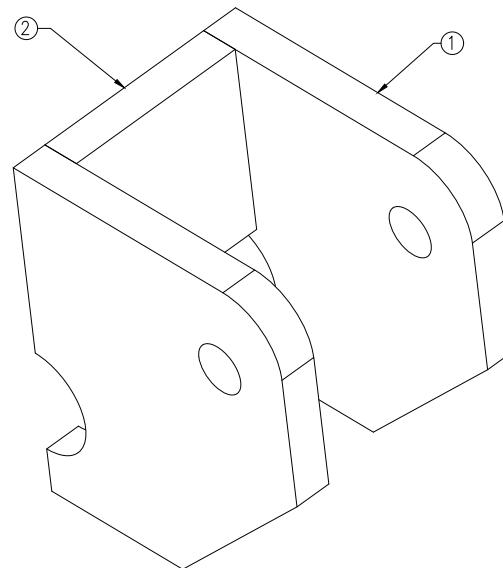


**PROTO COPY**

**NOTES:-**

1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.
5. DIA 34 AND DIA 16 HOLE MUST BE DRILLED AFTER WELDING OF PLATE

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-
---------	------	---------	-------------	---------------	---

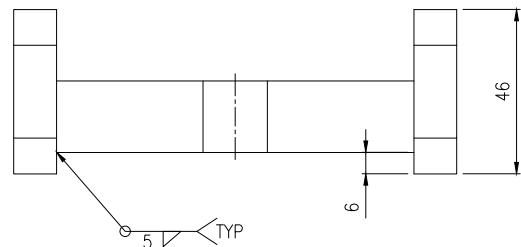
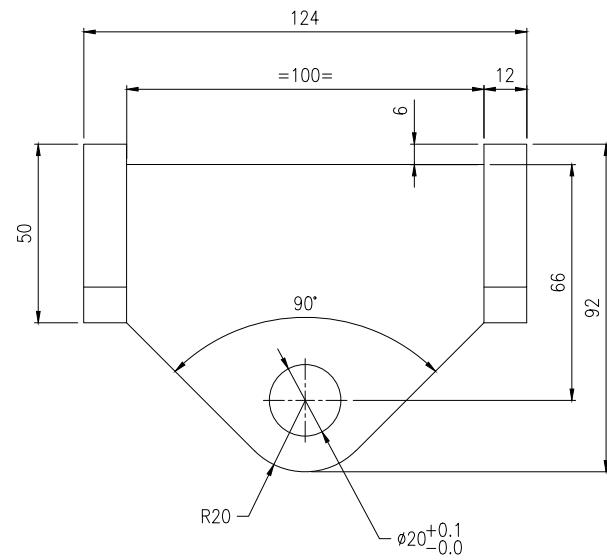


**ISOMETRIC VIEW**

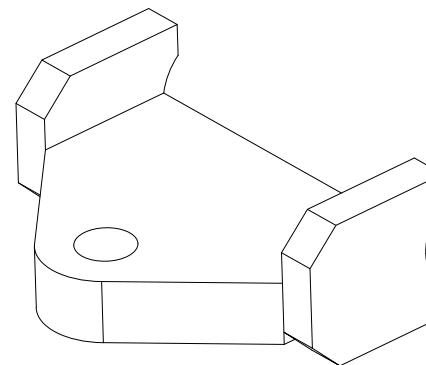
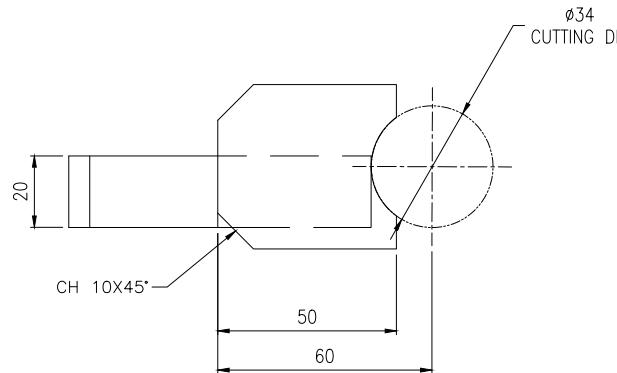
2	-NXXX	P01015_BACK PLATE	1
1	-NXXX	P01014_LIFTING PLATE	2
NO.	PART NO.	DESCRIPTION	QTY.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD				
DESCRIPTION	A01005_LIFTING BRACKET ASSEMBLY				
PROD. DESCRIPTION	LIFTING BRACKET ASSEMBLY A01005XXXXXXXXXXXXXX				
PART NO.	-NXXX				
DRAWN	SSD 09-06-2022	MATERIAL	IS:2062(E250)	ORDER NO	-
ENGR	VJP 09-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs)	-	REVISION	00



**PROTO COPY**

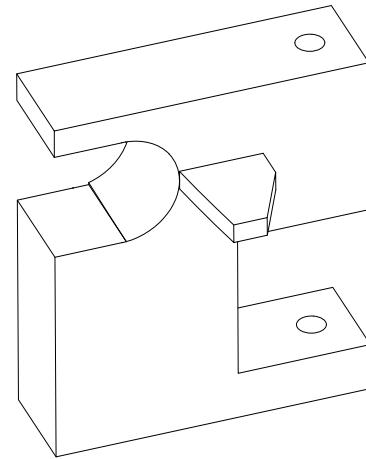
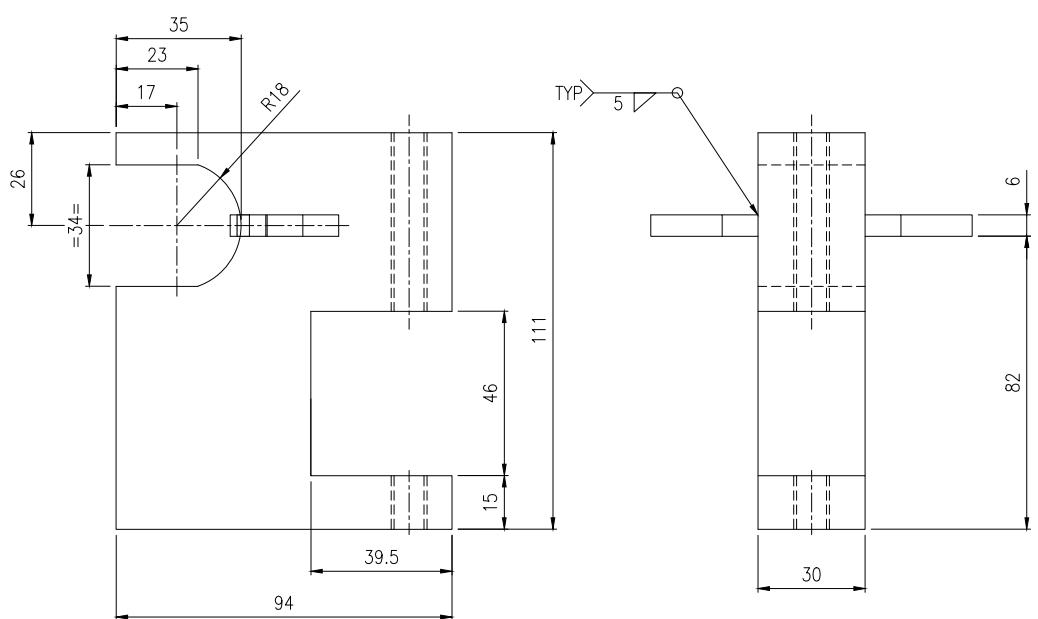
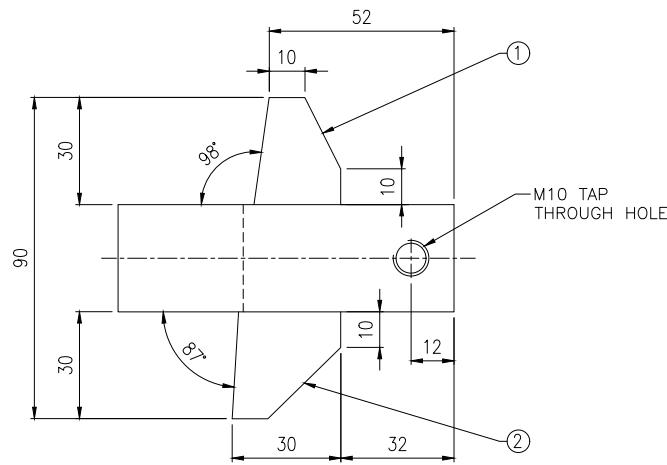


**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

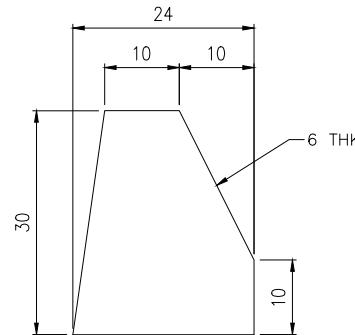
CUSTOMER		STANDARD	
DESCRIPTION		P01056_LINKAGE MOUNTING BRACKET	
PROD. DESCRIPTION		LINKAGE MOUNTING BRACKET P01056	
PART NO.		-NXXX	
DRAWN	SSD 09-06-2022	MATERIAL	IS:2062(E250)
ENGR	VJP 09-06-2022	THK(mm)	12/20
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs)	-
REV NO.	DATE	CHECKED	SPECIFICATION
			-
REVISION	00	SCALE	NTS

NOTES:-

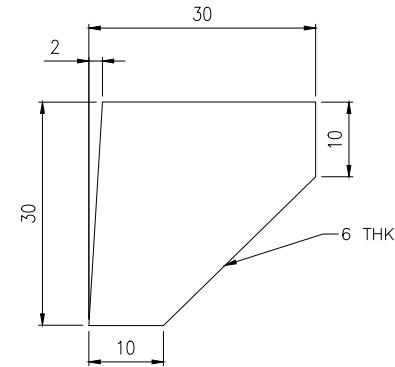
- ALL DIMENSIONS ARE IN MM.
- EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
- DRILLED HOLES NEED 1x45° CHAMFER.
- THE HOLES SHALL BE BURR-FREE.



**ISOMETRIC VIEW**



**PART NO-1**



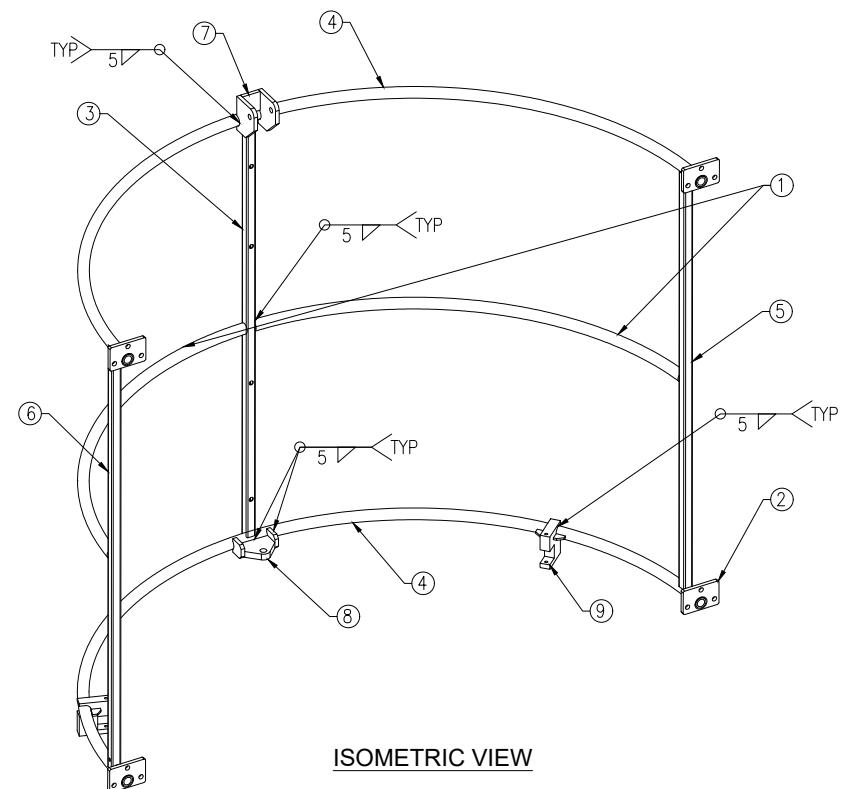
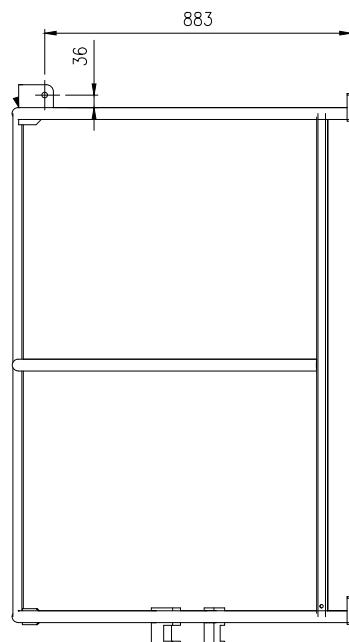
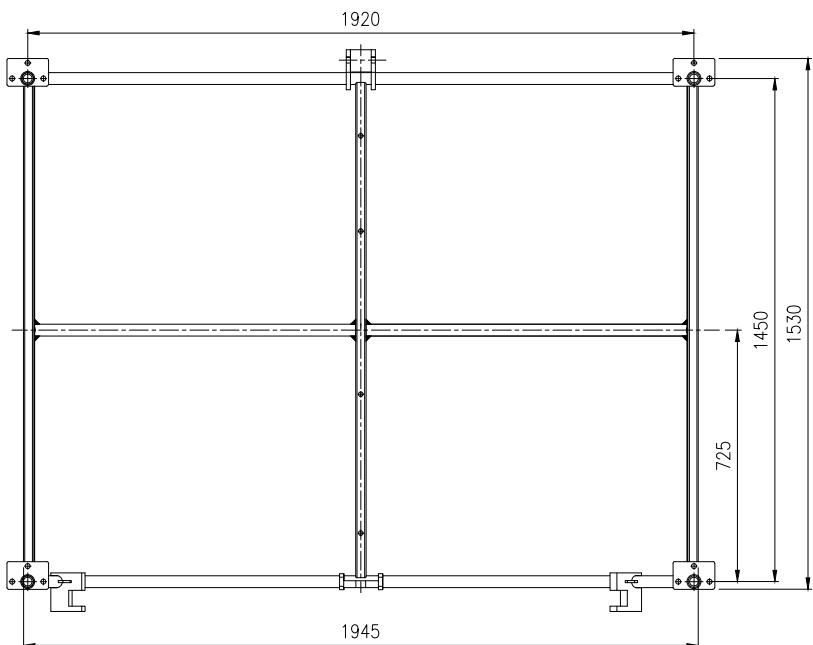
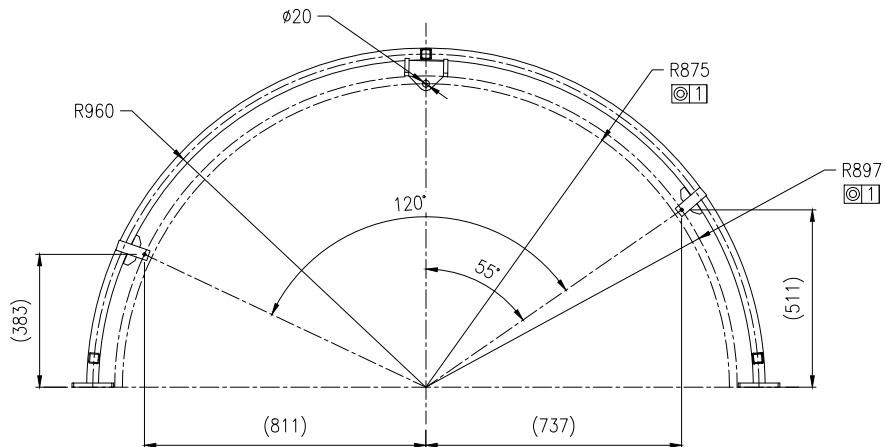
**PART NO-2**

**PROTO COPY**

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01049_STOPPER
PROD. DESCRIPTION	STOPPER P01049
PART NO.	<b>-NXXX</b>
DRAWN	SSD 14-06-2021 MATERIAL IS:2062(E250)
ENGR	VJP 14-06-2021 THK(mm) 30/06
CHECKED	MMW2 14-06-2021 WEIGHT(Kgs) -
REV NO.	REVISION 00
DATE	SCALE NTS
CHECKED	DESCRIPTION
REV NO.	SPECIFICATION -

- NOTES:-**
- ALL DIMENSIONS ARE IN MM.
  - EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  - DRILLED HOLES NEED 1x45° CHAMFER.
  - THE HOLES SHALL BE BURR-FREE.
  - RETAP ALL THREADS AFTER COATING.



ISOMETRIC VIEW

NO.	PART NO.	DESCRIPTION	QTY.
9	-NXXX	P01049_STOPPER	2
8	-NXXX	P01056_LINKAGE_MTG_BKT	1
7	-NXXX	A01005_LINK_MTG_BKT	1
6	-NXXX	P01011_SQUARE_SECTION_30X30X2.6_1450_LG	1
5	-NXXX	P01010_SQUARE_SECTION_30X30X2.6_1450_LG	1
4	-NXXX	P01009_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK) 1838 LG.	2
3	-NXXX	P01008_SQUARE SECTION 30X30X2.6_1450_LG	1
2	-NXXX	P01007_MOUNTING_BRACKET_120X80X12THK	4
1	-NXXX	P01006_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK) 1374 LG.	2

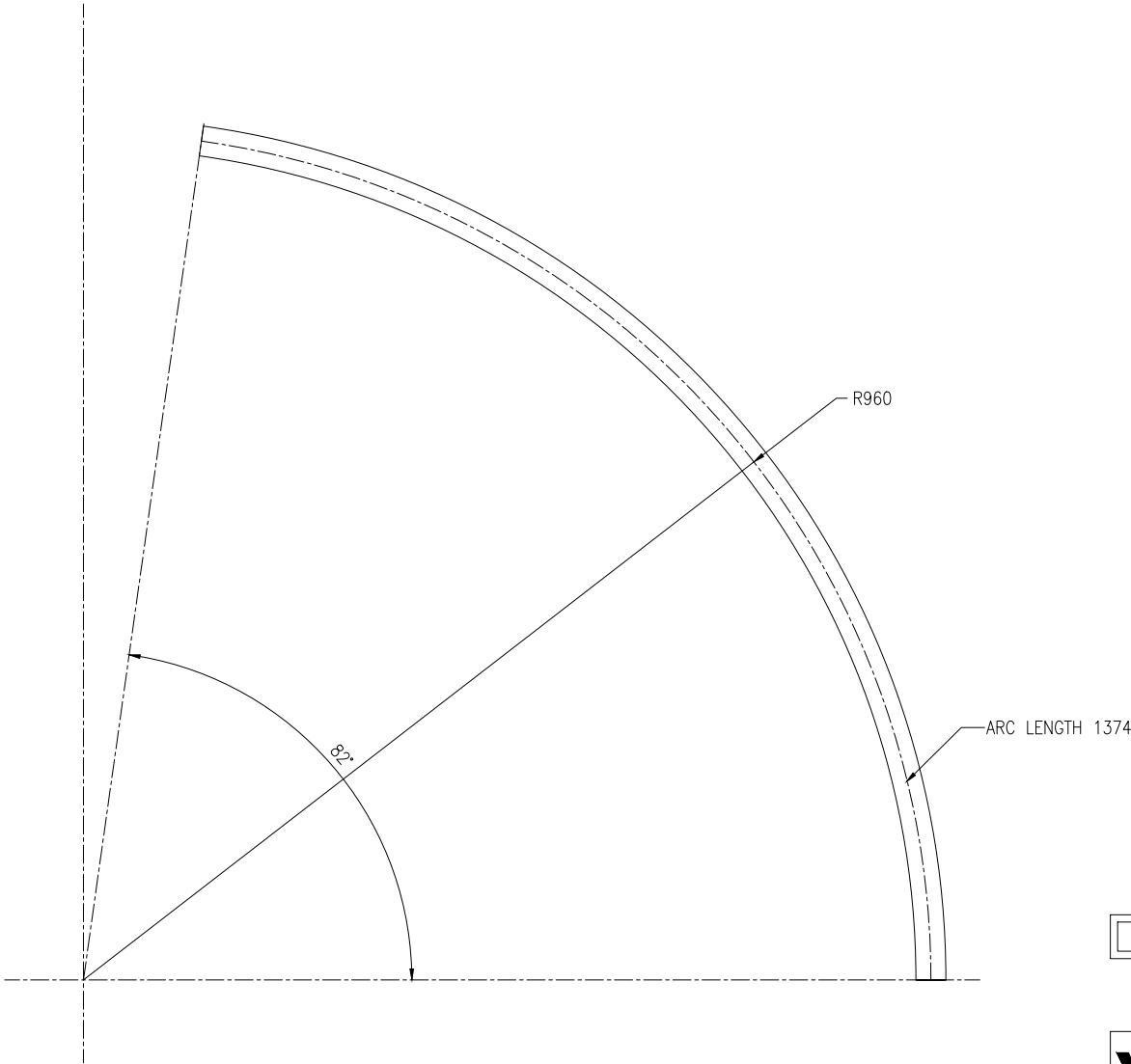
**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD	
DESCRIPTION		A01007_16A/F_CAGE_MOUNTING_ASSEMBLY LH	
PROD. DESCRIPTION		HALF RING CAGE MTG WELDE ASSY A01007_16A/F LHS	
PART NO.		-NXXX	
DRAWN	SSD 09-06-2022	MATERIAL	-
ENGR	VJP 09-06-2022	THK(mm)	-
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs)	39.53
REVISION	00	SCALE	NTS

PROTO COPY

- NOTES:-
- ALL DIMENSIONS ARE IN MM. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  - EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  - FOR ANGLE PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.
  - MILD STEEL/ANGLES/CHANNELS SHALL CONFIRM TO IS 2062 (MINIMUM YST250 MPa)
  - HARDWARE : AS PER IS 4759/ASTM A153
  - GALVANIZING AS PER IS:4759/ASTM A123
  - DIMENSIONS FOR HOT ROLLED STEEL ANGLE/CHANNEL SECTIONS SHALL BE ACCORDANCE WITH IS 808
  - ALL FILLET WELD ARE 5MM THK. U.O.S.
  - ALL HOLES SHOULD BE DRILLED & REQUIRED PROPER FINISHING.
  - THE HOLES SHALL BE BURR-FREE.
  - INSIDE SHOULD BE FULL WELDING & OUTER SIDE SHOULD BE FLUSH WELD.
  - PU PAINTED RAL CODE AS PER CLINT REQUIREMENT.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION
				-



HFW PIPE 25 NB MEDIUM (2.6THK)

NOTES:-

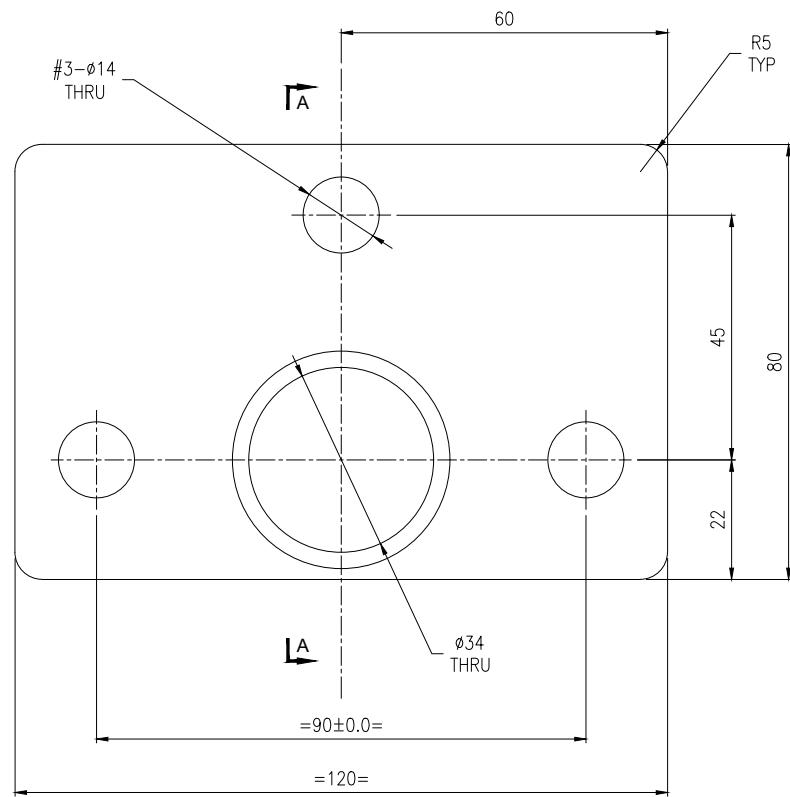
1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.

**valmont** 

A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD	
DESCRIPTION		P01006_16A/F_HFW PIPE 25 NB MEDIUM	
PROD. DESCRIPTION		P01006_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK) 1374LG.	
PART NO.		-NXXX	
DRAWN	SSD	09-06-2022	MATERIAL

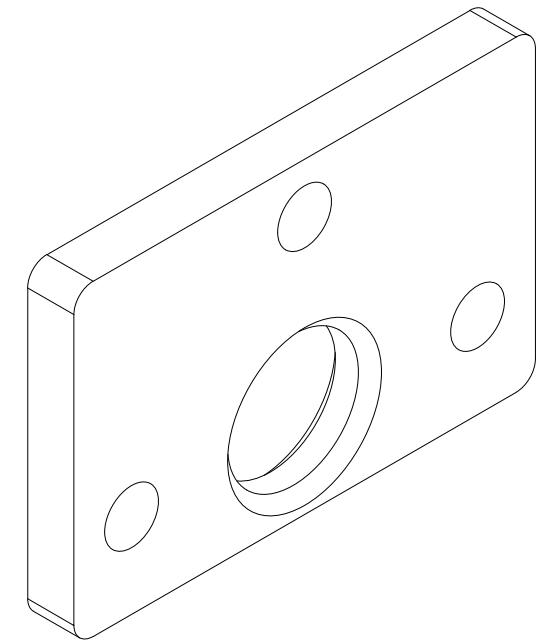
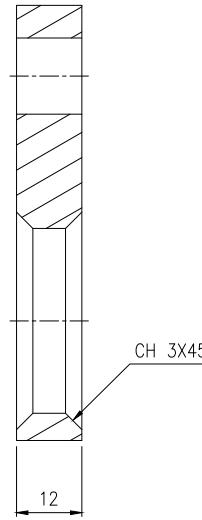
				IS:1161(YST210)	ORDER NO	-
ENGR	VJP	09-06-2022	THK(mm)	2.6	SCALE	NTS
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	-	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION		



PROTO COPY

NOTES:-

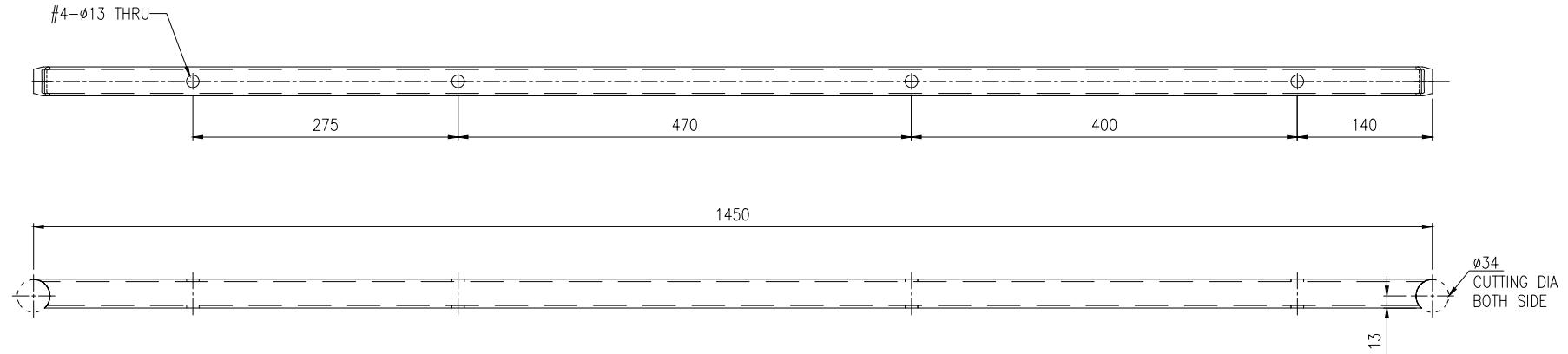
- ALL DIMENSIONS ARE IN MM.
- EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
- DRILLED HOLES NEED 1x45° CHAMFER.
- THE HOLES SHALL BE BURR-FREE.



**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01007_MOUNTING BRACKET
PROD. DESCRIPTION	MOUNTING BRACKET 120X80X12 P01007
PART NO.	-NXXX
DRAWN	SSD 09-06-2022
ENGR	VJP 09-06-2022
CHECKED	MMW2 09-06-2022
DESCRIPTION	WEIGHT(Kgs)
SPECIFICATION	12
-	-
SCALE	NTS
REVISION	00

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	ORDER NO	-
				-		

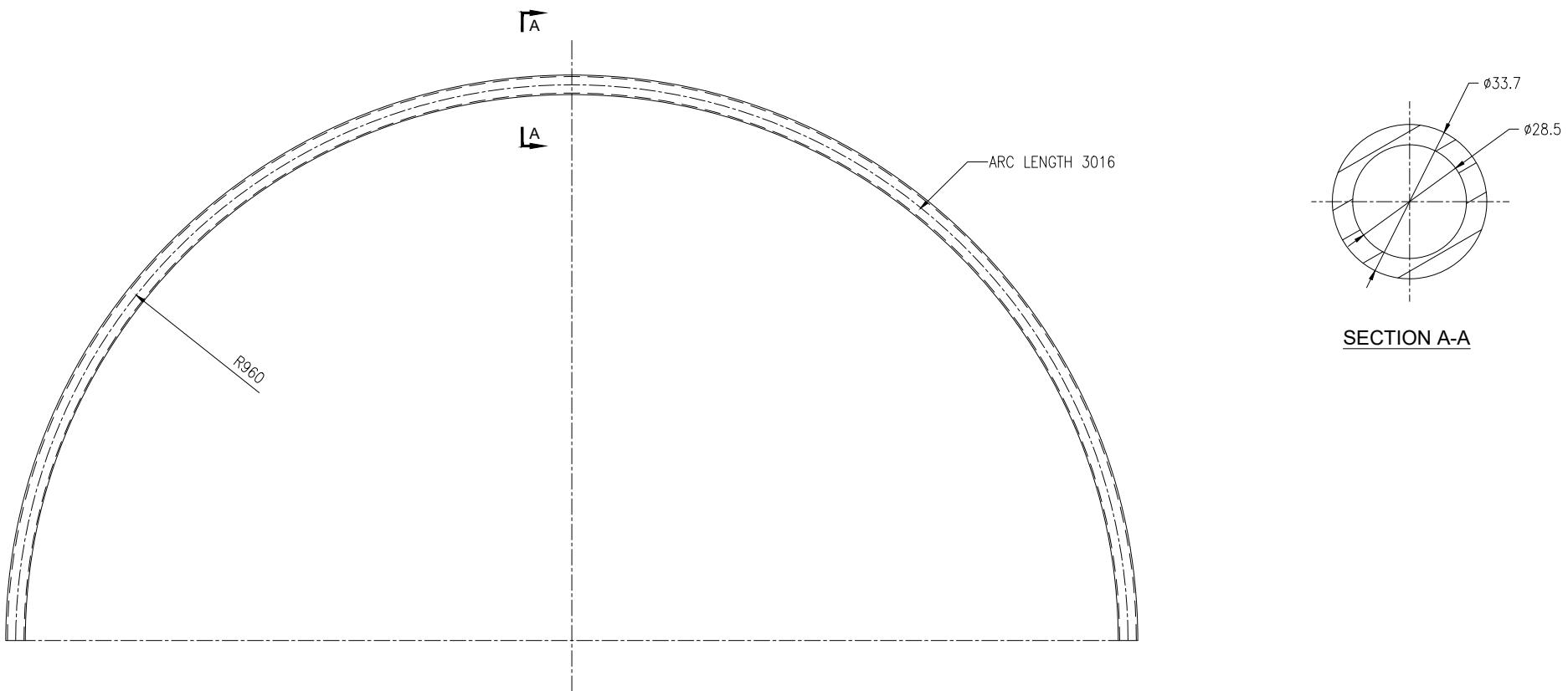


NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CORSS SECTION OF STR.)  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

**PROTO COPY**

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01008_SQUARE SECTION 30X30X2.6_1450LG
PROD. DESCRIPTION	- -
PART NO.	-NXXX
DRAWN	SSD 09-06-2022
ENGR	VJP 09-06-2022
CHECKED	MMW2 09-06-2022
REVISION	00
REVISION	00
DATE	09-06-2022
SPECIFICATION	-
DESCRIPTION	
REV NO.	
SCALE	NTS
WEIGHT(Kgs)	2.6
THK(mm)	



SECTION A-A

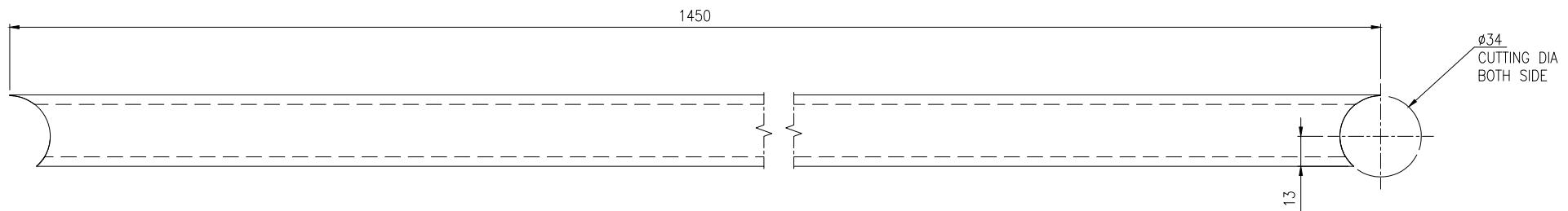
PROTO COPY

- NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01009_16A/F_HFW PIPE 25 NB MEDIUM
PROD. DESCRIPTION	P01009_16A/F_HFW PIPE 25 NB MEDIUM (2.6THK)3016LG.
PART NO.	-NXXX
DRAWN	SSD 09-06-2022
ENGR	VJP 09-06-2022
CHECKED	MMW2 09-06-2022
REVISION	NTS
SCALE	2.6
WEIGHT(Kgs)	-
IS:1161(YST210)	
ORDER NO	-
REVISION	00

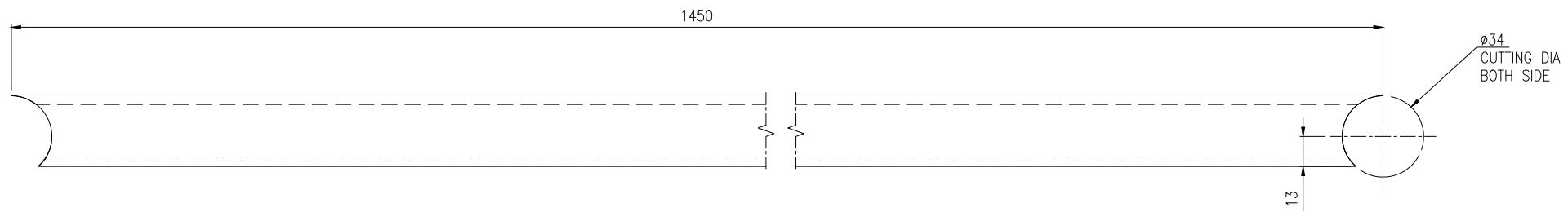
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION
				-



NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CROSS SECTION OF STR.)  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

PROTO COPY

<b>valmont</b>		A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132				
CUSTOMER		<b>STANDARD</b>				
DESCRIPTION		P01010_SQUARE SECTION 30X30X2.6_1450 LG				
PROD. DESCRIPTION		- -				
PART NO.		<b>-NXXX</b>				
DRAWN	SSD	09-06-2022	MATERIAL	IS:4923(YST 210)	ORDER NO	-
ENGR	VJP	09-06-2022	THK(mm)	2.6	SCALE	NTS
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	-	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	

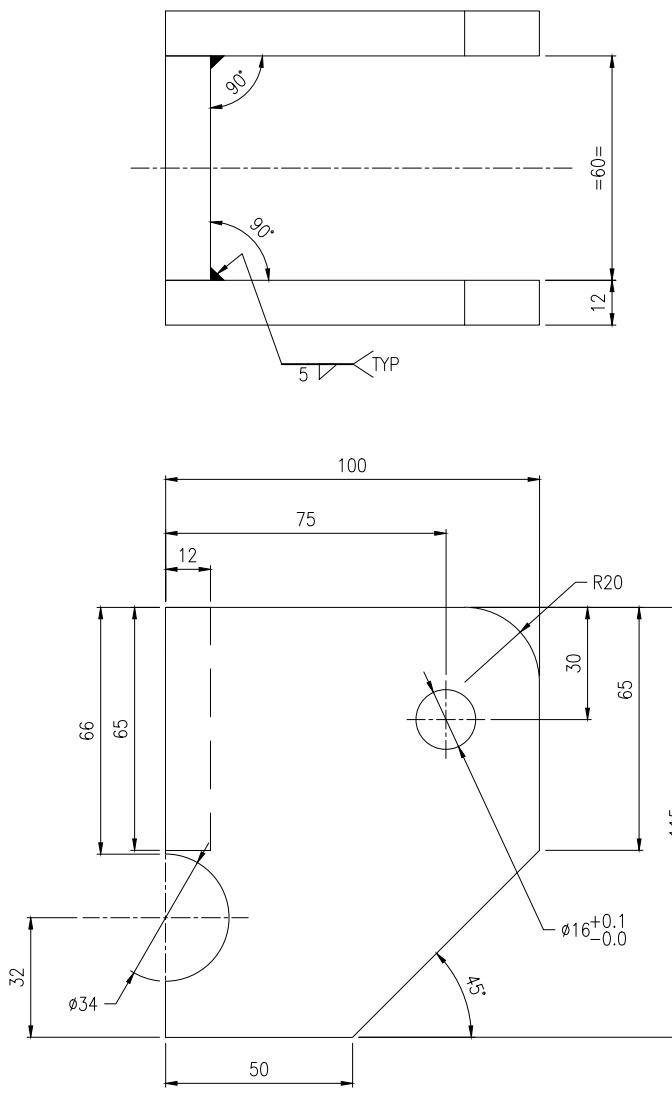


NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CORSS SECTION OF STR.)  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

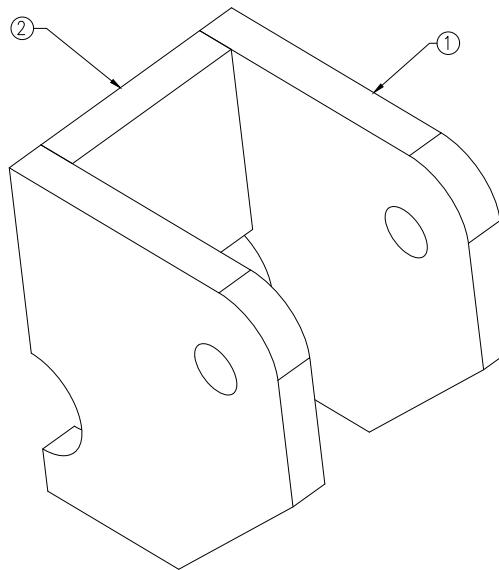
PROTO COPY

<b>valmont</b>		A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132
CUSTOMER	<b>STANDARD</b>	
DESCRIPTION	P01011_SQUARE SECTION 30X30X2.6_1450 LG	
PROD. DESCRIPTION	— —	
PART NO.	<b>-NXXX</b>	
DRAWN	SSD 09-06-2022	MATERIAL IS:4923(YST 210)
ENGR	VJP 09-06-2022	THK(mm) 2.6
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs) 3.5
SCALE	NTS	
REVISION	00	

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	—



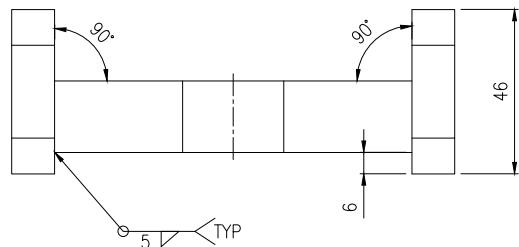
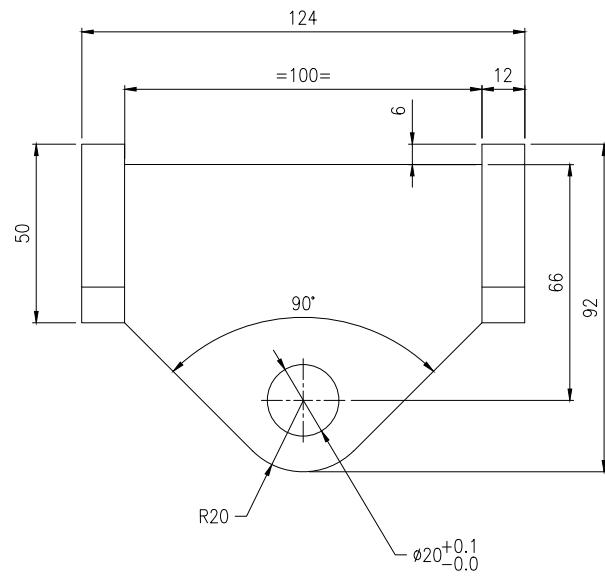
PROTO COPY



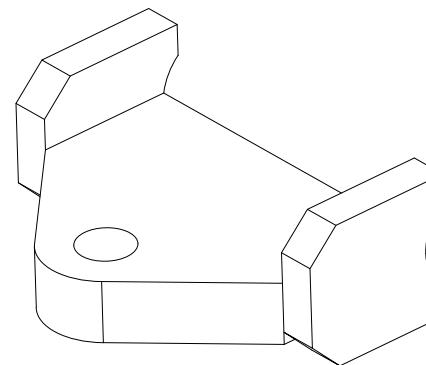
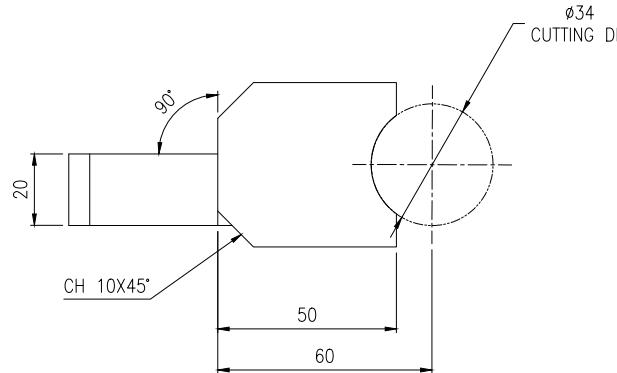
ISOMETRIC VIEW

2	-NXXX	P01015_BACK PLATE	1
1	-NXXX	P01014_LIFTING PLATE	2
NO.	PART NO.	DESCRIPTION	
<b>valmont</b> A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132			QTY.
CUSTOMER		STANDARD	
DESCRIPTION		A01005_LIFTING BRACKET ASSEMBLY	
PROD. DESCRIPTION		LIFTING BRACKET ASSEMBLY A01005XXXXXXXXXXXXXX	
PART NO.		-NXXX	
DRAWN	SSD	09-06-2022	MATERIAL
ENGR	VJP	09-06-2022	IS:2062(E250)
CHECKED	MMW2	09-06-2022	THK(mm)
			-
SCALE	NTS		
REVISION	00		

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



PROTO COPY



NOTES:-

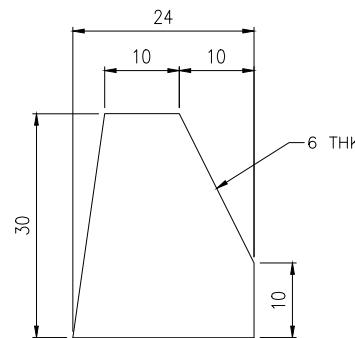
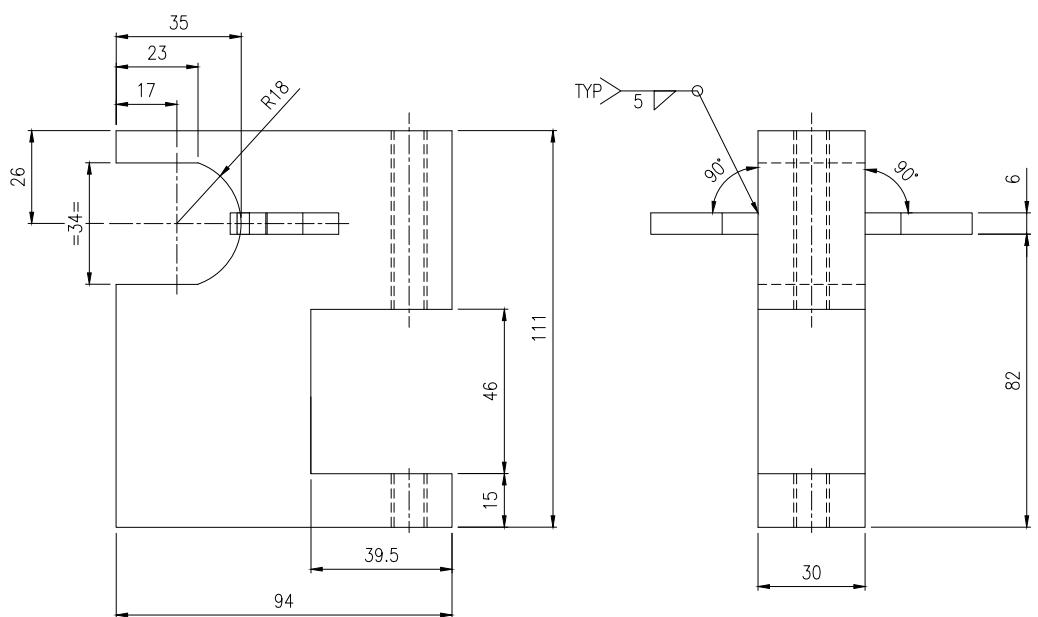
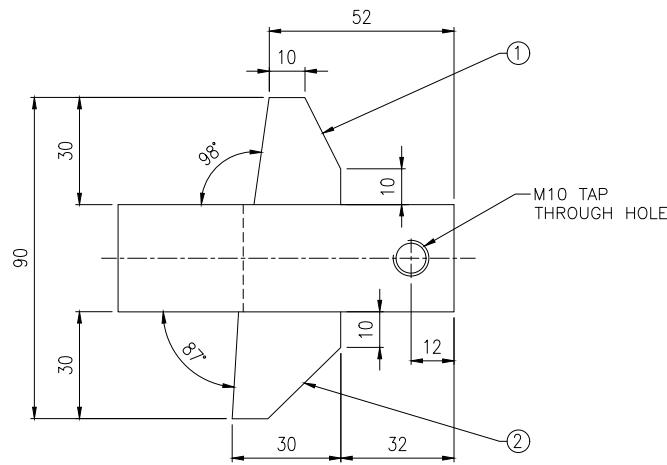
- ALL DIMENSIONS ARE IN MM.
- EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
- DRILLED HOLES NEED 1x45° CHAMFER.
- THE HOLES SHALL BE BURR-FREE.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

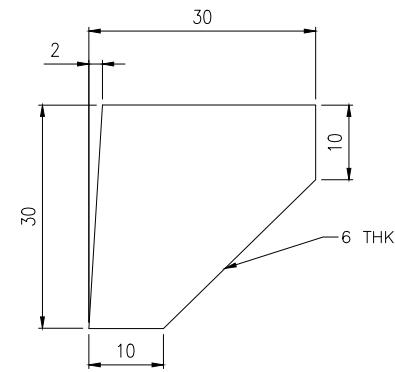
CUSTOMER		STANDARD	
DESCRIPTION		P01056_LINKAGE MOUNTING BRACKET	
PROD. DESCRIPTION		LINKAGE MOUNTING BRACKET P01056XXXXXXXXXXXXXX	
PART NO.		-NXXX	
DRAWN	SSD	09-06-2022	MATERIAL

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-
ENGR	VJP	09-06-2022	THK(mm)	12/20	ORDER NO
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	-	SCALE

NTS  
REVISION 00



PART NO-1



PART NO-2

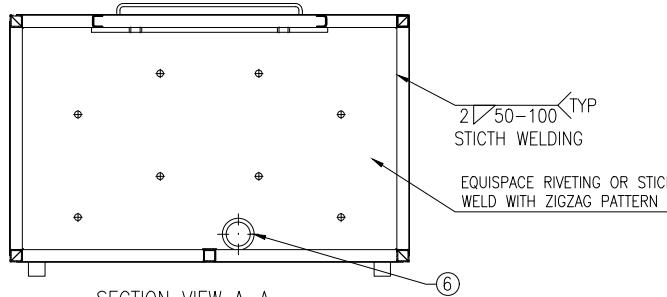
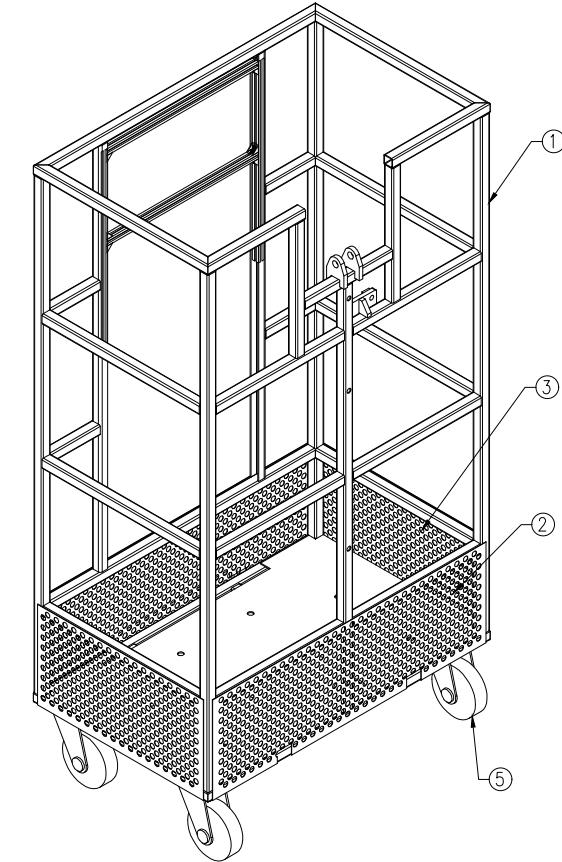
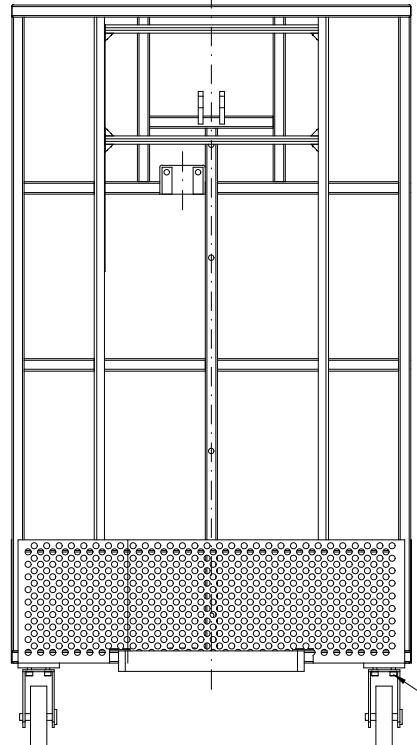
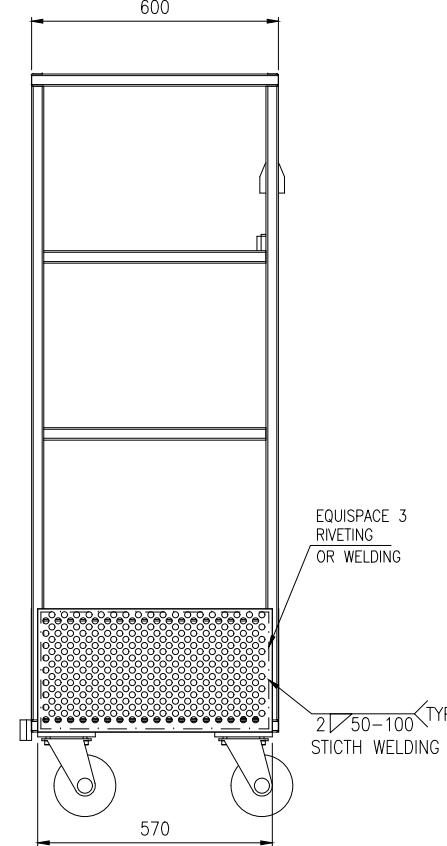
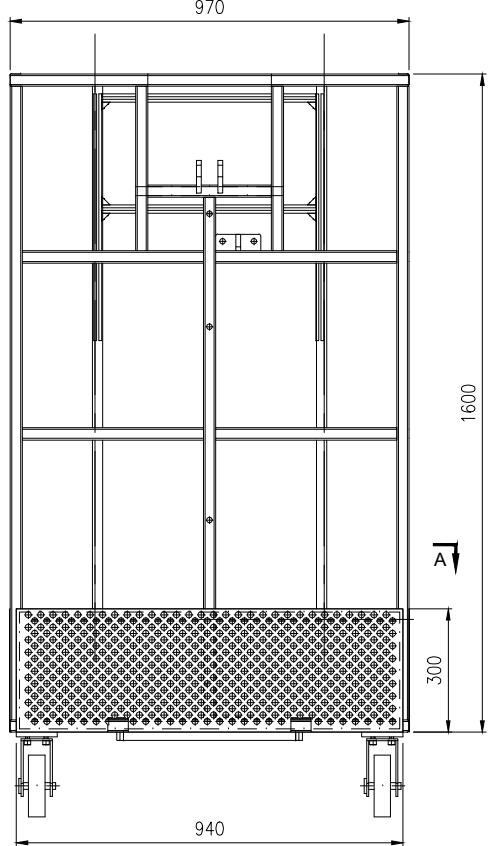
**PROTO COPY**

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01049_STOPPER
PROD. DESCRIPTION	STOPPER P01049
PART NO.	-NXXX

DRAWN	SSD	14-06-2021	MATERIAL	IS:2062(E250)	ORDER NO	-
ENGR	VJP	14-06-2021 <th>THK(mm)</th> <td>30/06</td> <th>SCALE</th> <td>NTS</td>	THK(mm)	30/06	SCALE	NTS
CHECKED	MMW2	14-06-2021	WEIGHT(Kgs)	-	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	

- NOTES:-
- ALL DIMENSIONS ARE IN MM.
  - EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  - DRILLED HOLES NEED 1x45° CHAMFER.
  - THE HOLES SHALL BE BURR-FREE.
  - RETAP ALL THREADS AFTER COATING.



SECTION VIEW A-A

NOTES:-

1. ALL DIMENSIONS ARE IN MM. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. FOR ANGLE PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.
4. MILD STEEL/ANGLES/CHANNELS SHALL CONFIRM TO IS 2062 (MINIMUM YST250 MPa)
5. HARDWARE : AS PER IS 4759/ASTM A153
6. GALVANIZING AS PER IS:4759/ASTM A123
7. DIMENSIONS FOR HOT ROLLED STEEL ANGLE/CHANNEL SECTIONS SHALL BE ACCORDANCE WITH IS 808
8. ALL FILLET WELD ARE 5MM THK. U.O.S.
9. ALL HOLES SHOULD BE DRILLED & REQUIRED PROPER FINISHING.
10. THE HOLES SHALL BE BURR-FREE.
11. INSIDE SHOULD BE FULL WELDING & OUTER SIDE SHOULD BE FLUSH WELD.
12. PU PAINTED RAL CODE AS PER CLINT REQUIREMENT.
13. RETAP ALL THREADS AFTER COATING.

PROTO COPY

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION
				-

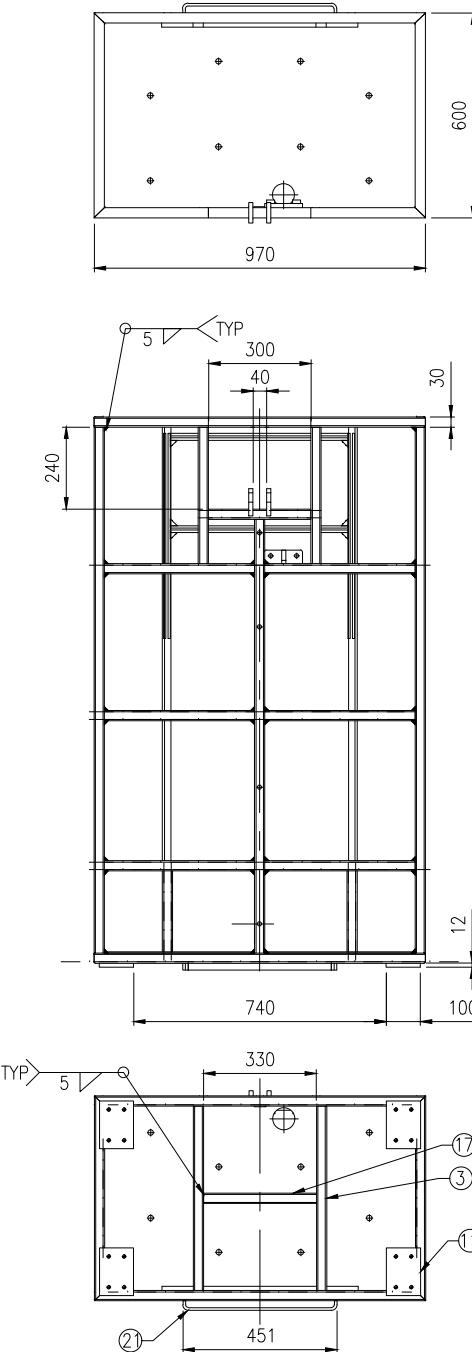
ISOMETRIC VIEW

NO.	PART NO.	DESCRIPTION	QTY.
6	415129XXXX	P01068_GROMMET (64X58X3) (LOOSE)	2
5	-XXXX	P01029_CASTORS (DIA.150 X 40) (LOOSE)	4
4	100054XXXX	H01005_ALLEN BOLT M10X40 (LOOSE)	16
3	-XXXX	P01024_PERFORATED SHEET -2	2
2	-XXXX	P01023_PERFORATED SHEET -1	2
1	-XXXX	A01010_CAGE STRUCTURE ASSEMBLY	1

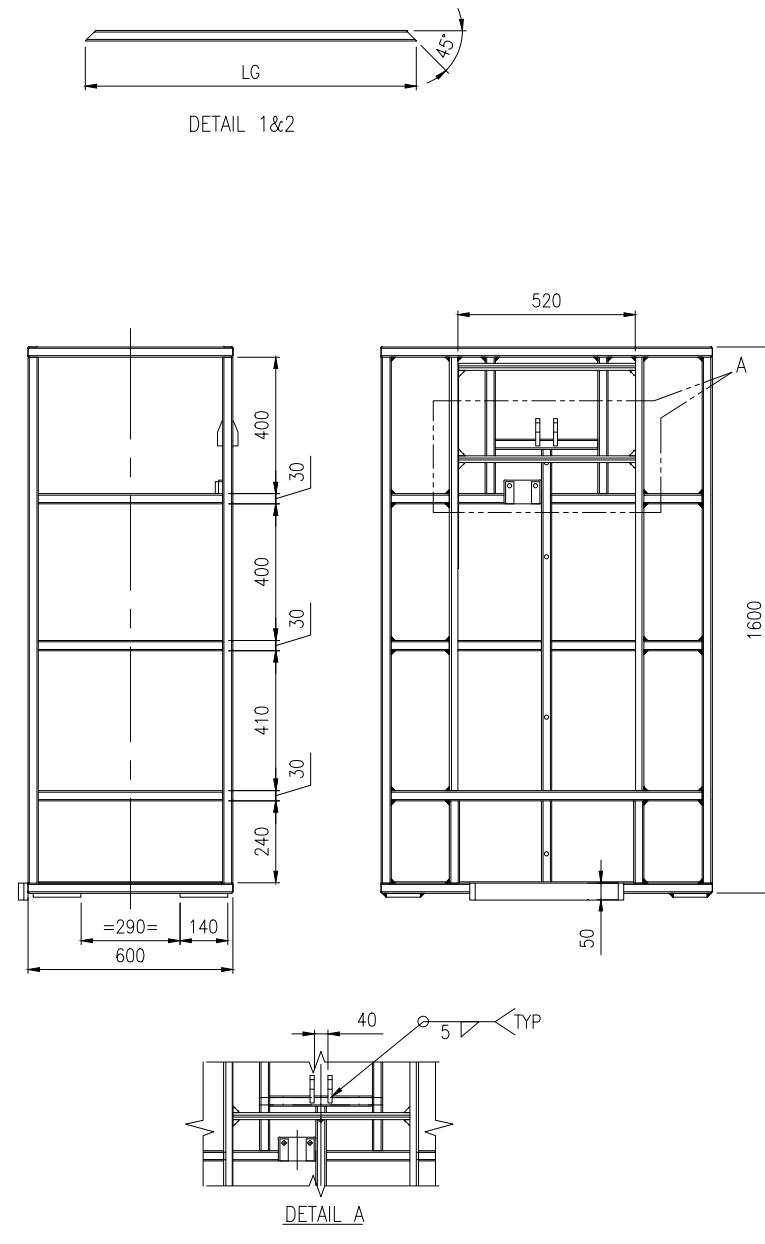
**valmont**

A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

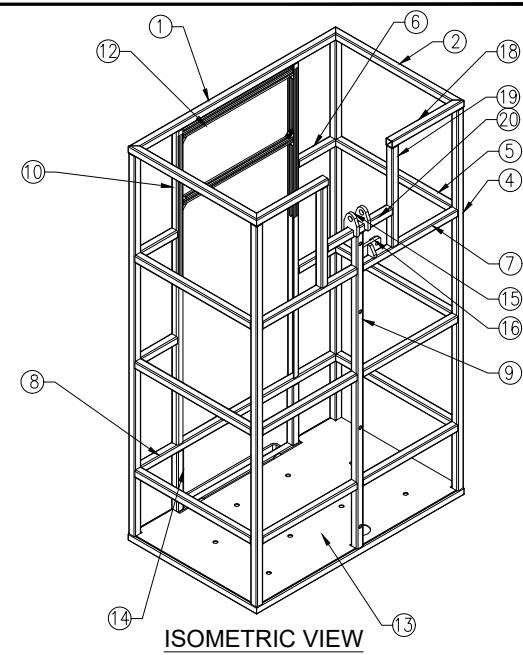
CUSTOMER		STANDARD	
DESCRIPTION		A01003_CAGE ASSEMBLY	
PROD. DESCRIPTION		WELDED MAN RIDER CAGE ASSY A01003	
PART NO.		418112XXXX	
DRAWN	SSD	09-06-2022	MATERIAL
ENGR	VJP	09-06-2022	THK(mm)
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)
			74.94
SCALE	NTS		
REVISION	00		



NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CROSS SECTION OF STR.) PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.



PROTO COPY

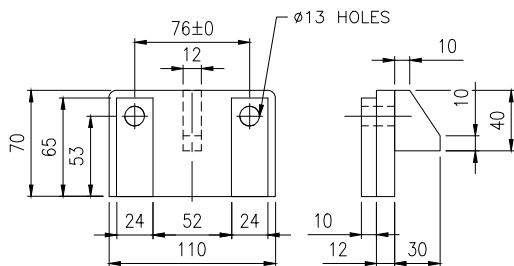


ISOMETRIC VIEW

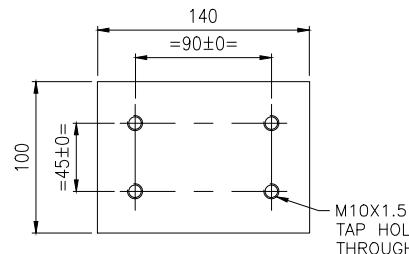
NO.	PART NO.	DESCRIPTION	QTY.
21	-NXXX	P01070_LADDER MOUNTING BRACKET	7
20	-NXXX	P01067_SECTION 30X30X2.6_300 LG	1
19	-NXXX	P01066_SECTION 30X30X2.6_400 LG	2
18	-NXXX	P01065_SECTION 30X30X2.6_335 LG	2
17	-NXXX	P01064_SQUARE SECTION 30X30X2.6_330 LG	1
16	-NXXX	P01031_MOUNTING FOR BLOCK STOP 110X70X12 THK	1
15	-NXXX	P01057_MTG PLATE	2
14	-NXXX	P01062_SQUARE SECTION 30X30X2.6_240 LG	2
13	-NXXX	P01025_MS SHEET 960X586X3THK.	1
12	-NXXX	A01006_DOOR ASM	1
11	-NXXX	P01030_CASTOR MOUNTING PLATE 100X140X12THK	4
10	-NXXX	P01032_CHANNEL SECTION 30X25X3.2_1270 LG	1
9	-NXXX	P01028_SQUARE SECTION 30X30X2.6_1270 LG	1
8	-NXXX	P01026_SQUARE SECTION 30X30X2.6_910 LG	1
7	-NXXX	P01022_SQUARE SECTION 30X30X2.6_440 LG	6
6	-NXXX	P01021_SQUARE SECTION 30X30X2.6_170 LG	4
5	-NXXX	P01020_SQUARE SECTION 30X30X2.6_540 LG	6
4	-NXXX	P01019_SQUARE SECTION 30X30X2.6_1540 LG	4
3	-NXXX	P01018_SQUARE SECTION 30X30X2.6_540 LG	2
2	-NXXX	P01017_SQUARE SECTION 30X30X2.6_600 LG	4
1	-NXXX	P01016_SQUARE SECTION 30X30X2.6_970 LG	3

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

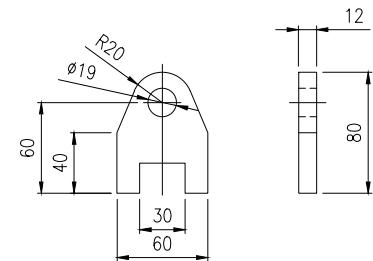
CUSTOMER	STANDARD					
DESCRIPTION	A01010_CAGE ASSEMBLY					
PROD. DESCRIPTION	A01010_CAGE ASSEMBLY					
PART NO.	-NXXX					
DRAWN	SSD 09-06-2022					
ENGR	VJP 09-06-2022					
CHECKED	MMW2 09-06-2022					
DESCRIPTION	WEIGHT(Kgs)					
SPECIFICATION	-					
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	ORDER NO	-
					SCALE	NTS
					REVISION	00



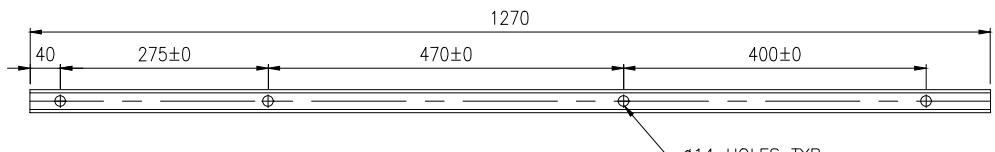
P01031\_MOUNTING FOR BLOCK STOP WITH GUSSET



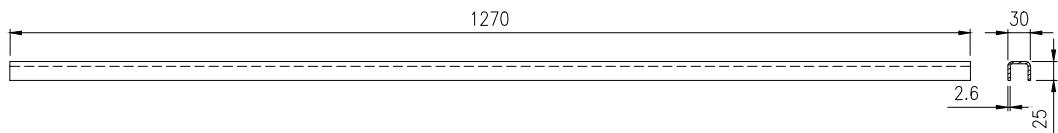
P01030\_CASTOR MOUNTING PLATE 100X140X12THK



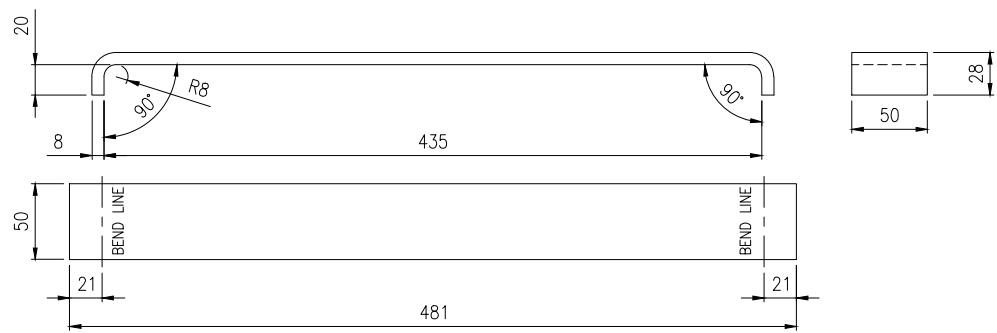
P01057\_MTG PLATE



P01028\_SQUARE SECTION 30X30X2.6\_1270 LG



P01032\_CHANNEL SECTION 30X25X3.2\_1270 LG



DEVELOPED VIEW

P01070\_LADDER MOUNTING BRACKET

**PROTO COPY**

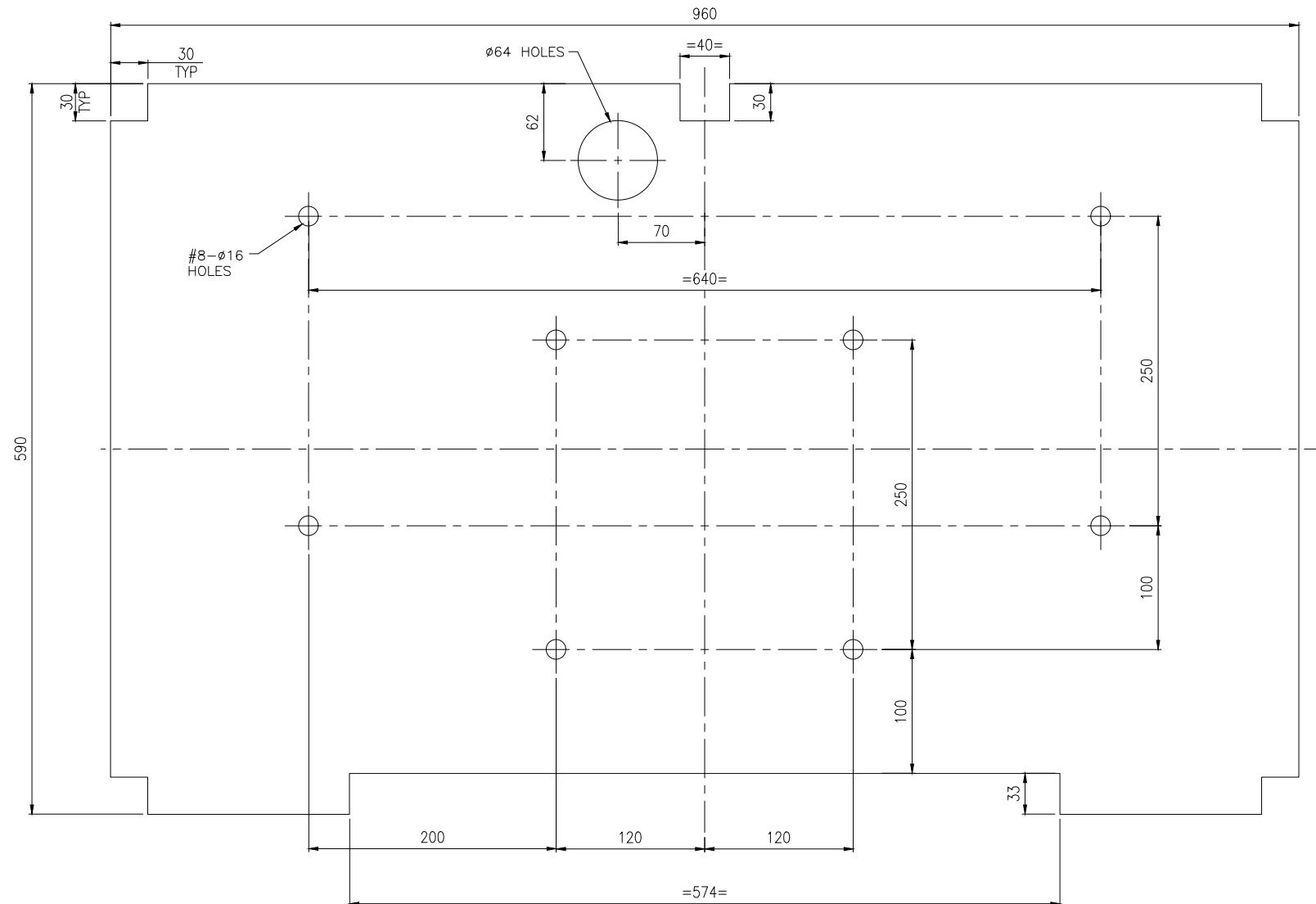
**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	A01010_CAGE ASSEMBLY
PROD. DESCRIPTION	A01010_CAGE ASSEMBLY DETAIL PARTS
PART NO.	-NXXX
DRAWN	SSD 09-06-2022 MATERIAL -
ENGR	VJP 09-06-2022 THK(mm) -
CHECKED	MMW2 09-06-2022 WEIGHT(Kgs) -
SCALE	NTS
REVISION	00

NOTES:-

- ALL DIMENSIONS ARE IN MM.
- EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
- DRILLED HOLES NEED 1x45° CHAMFER.
- THE HOLES SHALL BE BURR-FREE.
- RETAP ALL THREADS AFTER COATING.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



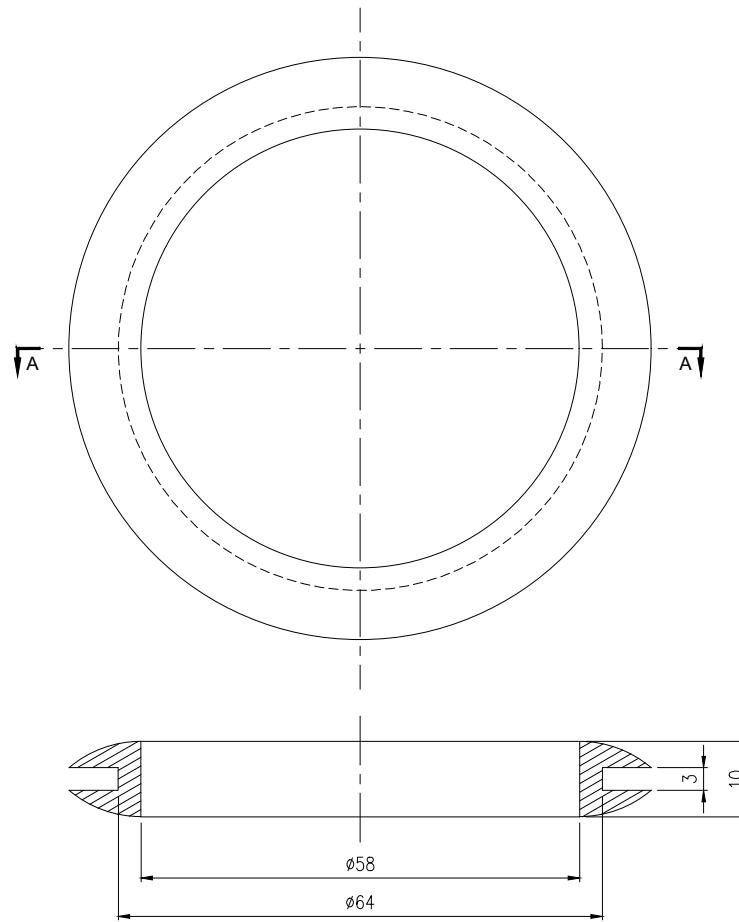
PROTO COPY

- NOTES:-
1. ALL DIMENSIONS ARE IN MM.
  2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  3. DRILLED HOLES NEED 1x45° CHAMFER.
  4. THE HOLES SHALL BE BURR-FREE.
  5. FOR REGULAR SHAPE (CROSS SECTION OF STR.) PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01025_MS SHEET 960X590X3THK.
PROD. DESCRIPTION	P01025_MS SHEET 960X590X3THK.
PART NO.	-NXXX
DRAWN	SSD 09-06-2022
ENGR	VJP 09-06-2022
CHECKED	MMW2 09-06-2022
REVISION	00
ORDER NO	-
SCALE	NTS
WEIGHT(Kgs)	-

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	REVISION
				-	00



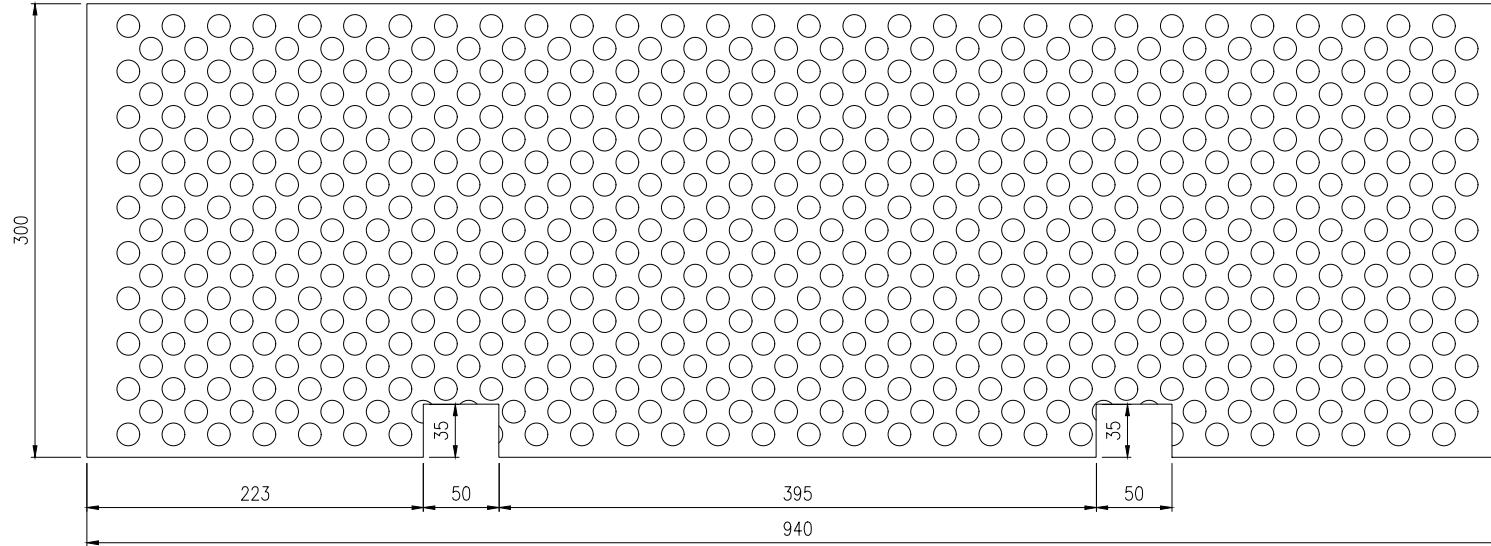
SECTION A-A

PROTO COPY

NOTES:-  
1. ALL DIMENSIONS ARE IN MM.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD	
DESCRIPTION	P01068_GROMMET 64X58X3.	
PROD. DESCRIPTION	GROMMET ID 58 TO SUIT 3MM PLT 64 OD HOLE (P01068)	
PART NO.	415129NXXX	
DRAWN	SSD 09-06-2022	MATERIAL -
ENGR	VJP 09-06-2022	THK(mm) -
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs) -
REV. NO.	DATE	CHECKED
DESCRIPTION	SPECIFICATION	-
REVISION	00	NTS



PERFORATED SHEET 2 THK

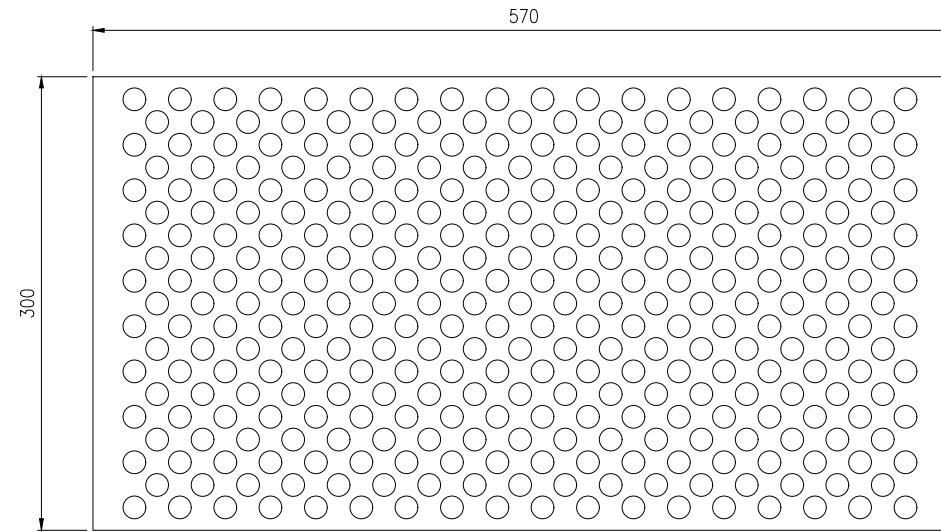
- NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.

PROTO COPY

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01023_PERFORATED SHEET-1
PROD. DESCRIPTION	P01023_PERFORATED SHEET-1
PART NO.	-NXXX
DRAWN	SSD 09-06-2022
ENGR	VJP 09-06-2022
CHECKED	MMW2 09-06-2022
REVISION	00
ORDER NO	-
SCALE	NTS
WEIGHT(Kgs)	-

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



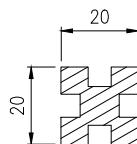
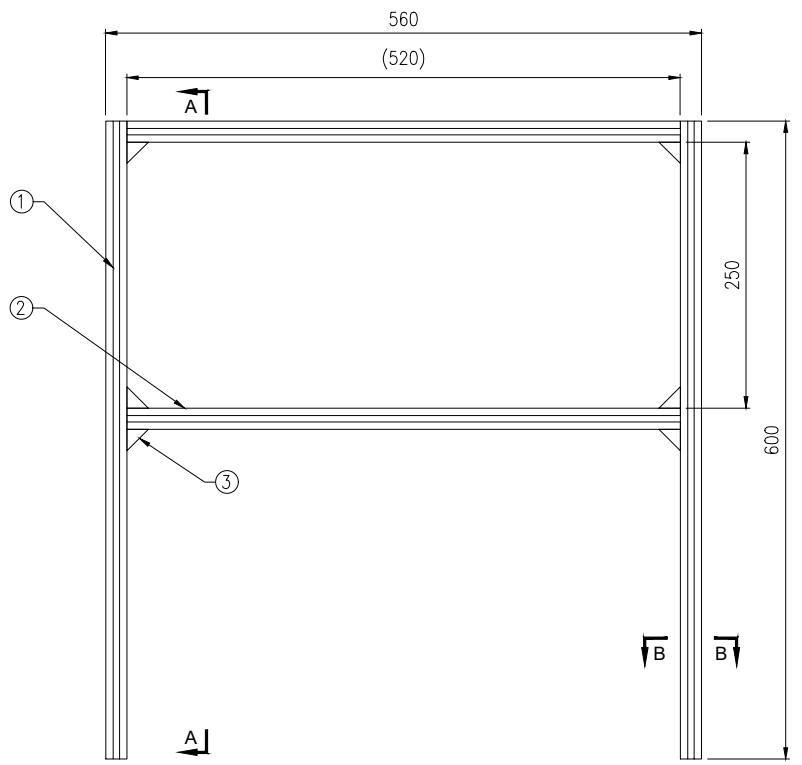
PERFORATED SHEET 2 THK

- NOTES:-
1. ALL DIMENSIONS ARE IN MM.
  2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  3. DRILLED HOLES NEED 1x45° CHAMFER.
  4. THE HOLES SHALL BE BURR-FREE.

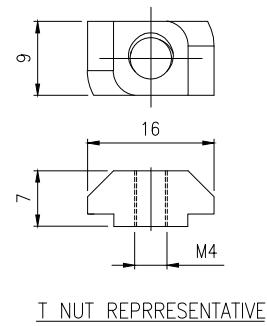
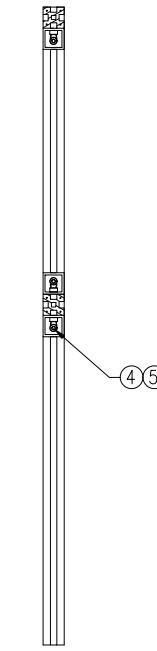
PROTO COPY

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD					
DESCRIPTION	P01024_PERFORATED SHEET-2					
PROD. DESCRIPTION	P01024_PERFORATED SHEET-2					
PART NO.	-NXXX					
DRAWN	SSD	09-06-2022	MATERIAL	-	ORDER NO	-
ENGR	VJP	09-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2	09-06-2022	WEIGHT(Kgs)	-	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	



**PROTO COPY**



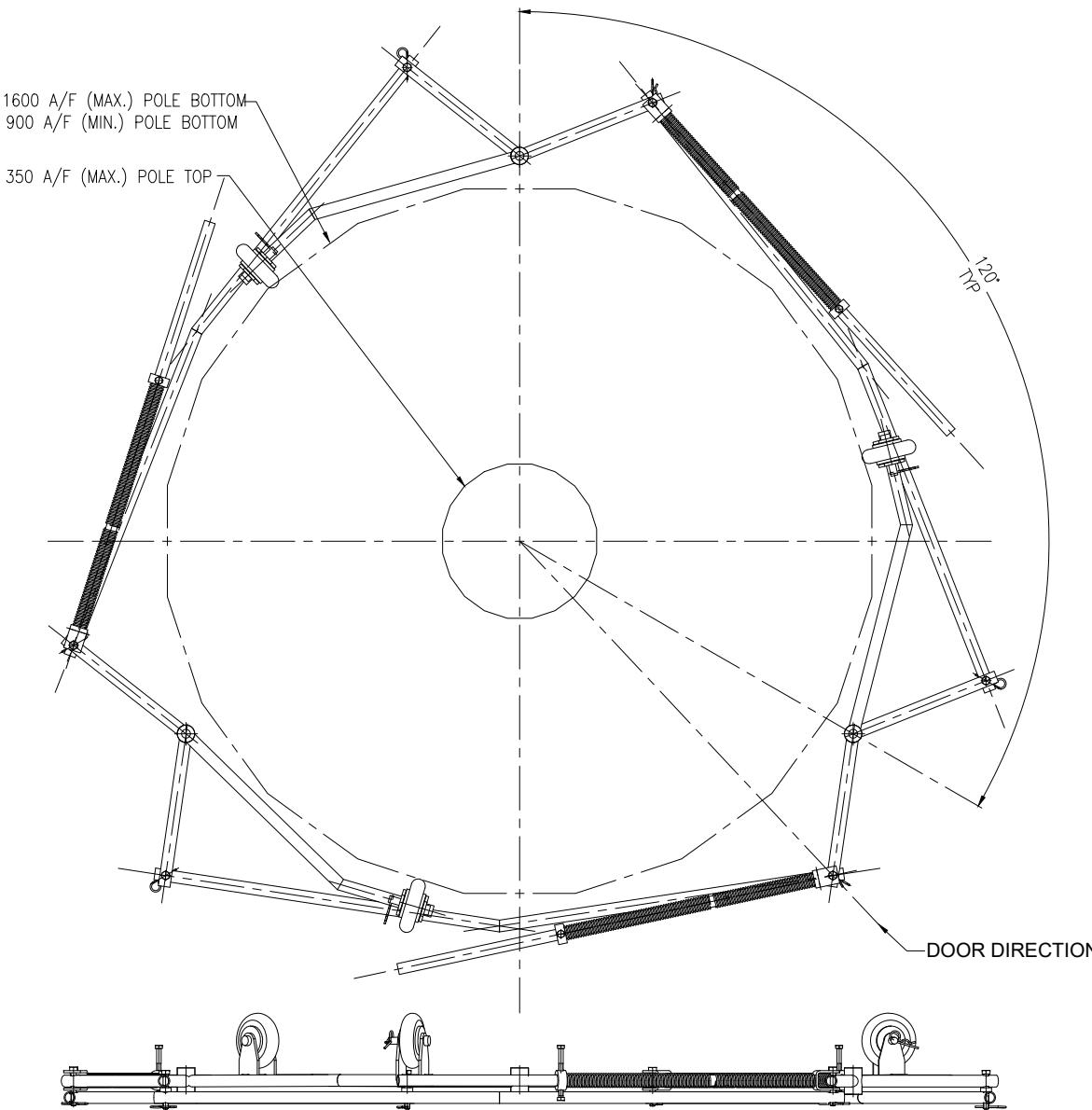
NO.	PART NO.	DESCRIPTION	QTY.
5	460190NXXX	H01017_M4 T NUT	8
4	460191NXXX	H01016_ALLEN BOLT M4X8	8
3	-NXXX	P01063_AL MTG BKT	4
2	-NXXX	P01035_ALUMINUM SECTION 20X20_520 LG	2
1	-NXXX	P01034_ALUMINUM SECTION 20X20_600 LG	2

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD	
DESCRIPTION		A01006_DOOR ASSEMBLY	
PROD. DESCRIPTION		-	
PART NO.		-NXXX	
DRAWN	SSD 09-06-2022	MATERIAL	-
ENGR	VJP 09-06-2022	THK(mm)	-
CHECKED	MMW2 09-06-2022	WEIGHT(Kgs)	-
REV NO.	DATE	SPECIFICATION	ORDER NO SQ-
		-	SCALE NTS
			REVISION 00

- NOTES:-
1. ALL DIMENSIONS ARE IN MM.
  2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  3. DRILLED HOLES NEED 1x45° CHAMFER.
  4. THE HOLES SHALL BE BURR-FREE.
  5. RETAPING THREADS AFTER COATING.

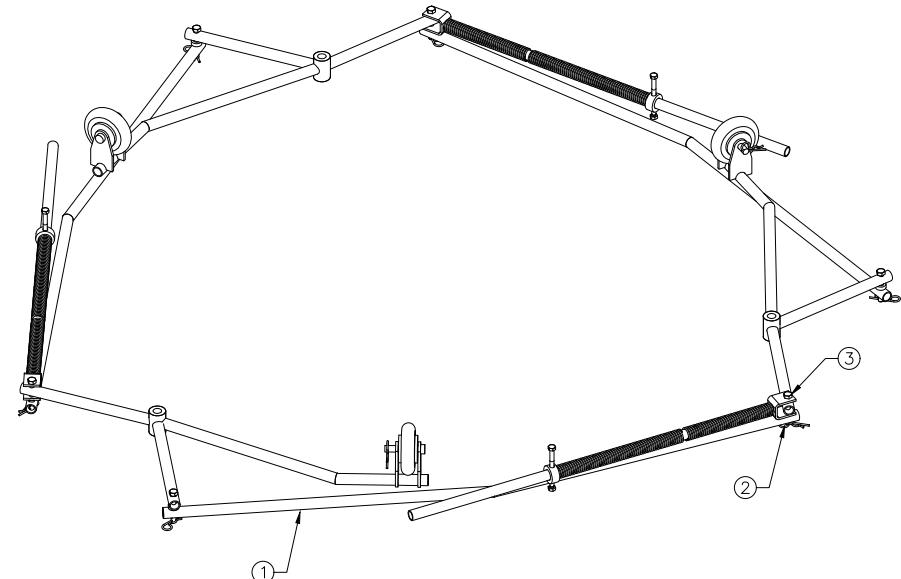
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	ORDER NO SQ-
				-	SCALE NTS



NOTES:-

1. ALL DIMENSIONS ARE IN MM. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. FOR ANGLE PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.
4. MILD STEEL/ANGLES/CHANNELS SHALL CONFIRM TO IS 2062 (MINIMUM YST250 MPA)
5. HARDWARE : AS PER IS 4759/ASTM A153
6. GALVANIZING AS PER IS:4759/ASTM A123
7. DIMENSIONS FOR HOT ROLLED STEEL ANGLE/CHANNEL SECTIONS SHALL BE ACCORDANCE WITH IS 808
8. ALL FILLET WELD ARE 5MM THK. U.O.S.
9. ALL HOLES SHOULD BE DRILLED & REQUIRED PROPER FINISHING.
10. THE HOLES SHALL BE BURR-FREE.
11. INSIDE SHOULD BE FULL WELDING & OUTER SIDE SHOULD BE FLUSH WELD.
12. PU PAINTED RAL CODE AS PER CLINT REQUIREMENT.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	ORDER NO	-
				ENGR	VJP	01-07-2022	THK(mm)
				CHECKED	MMW2	01-07-2022	WEIGHT(Kgs)



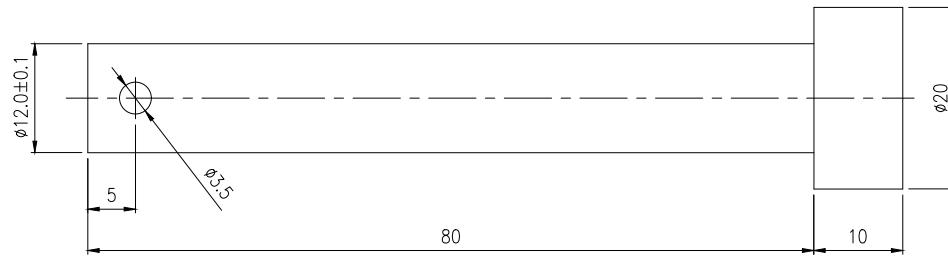
ISOMETRIC VIEW

PROTO COPY

NO.	PART NO.	DESCRIPTION	QTY.
3	1AP025NXXX	H01009_PIN DIA 12 80LG (SS304)	3
2	1AP019NXXX	A01012_SPRING COTTER	3
1	-NXXX	A01011_16A/F_LINKAGE ASSEMBLY	3

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD	
DESCRIPTION		A01012_16A/F_ROLLER ASSEMBLY	
PROD. DESCRIPTION		WLDDED ROLLER ASSEMBLY A01012_16A/F	
PART NO.		-NXXX	
DRAWN	SSD	01-07-2022	MATERIAL
ENGR	VJP	01-07-2022	THK(mm)
CHECKED	MMW2	01-07-2022	WEIGHT(Kgs)
		27.09	SCALE NTS
			REVISION 00

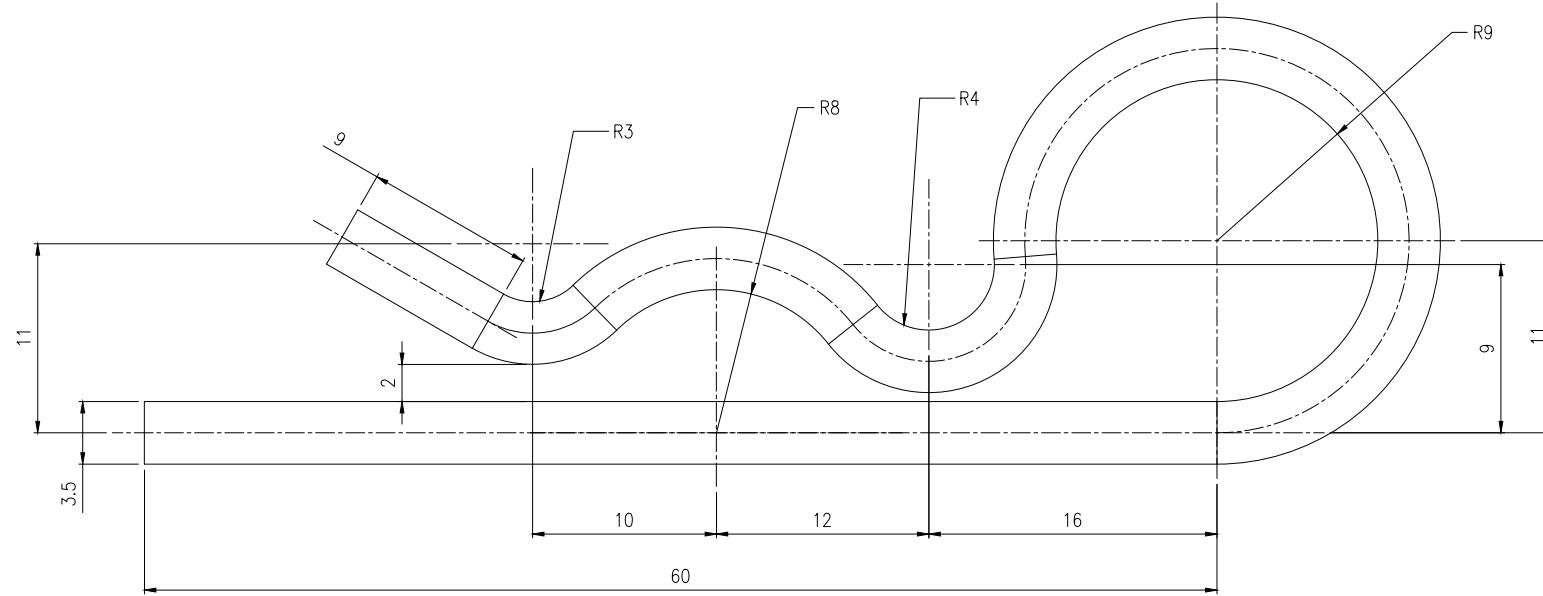


- NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.

**PROTO COPY**

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD				
DESCRIPTION	H01009_PIN				
PROD. DESCRIPTION	PIN DIA 12 80LG SS304 H01009 WITH HOLE 3.5 DI				
PART NO.	<b>1AP025NXXX</b>				
DRAWN	SSD 10-06-2022	MATERIAL	S:2062 GR. E250	ORDER NO	-
ENGR	VJP 10-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2 10-06-2022	WEIGHT(Kgs)	-	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



PROTO COPY

NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
 MIDC, INDAPUR, PUNE(DIST).  
 INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	H01012_SPRG COTTR
PROD. DESCRIPTION	WIRE DIA 3.5 SPRG COTR DIN 11024 FOR SFT 10-16
PART NO.	1AP019NXXX
DRAWN	SSD 11-04-2022
ENGR	VJP 11-04-2022
CHECKED	MMW2 11-04-2022
DESCRIPTION	WEIGHT(Kgs)
SPECIFICATION	0.012
-	SCALE NTS
	REVISION 00

REV NO.	DATE	CHECKED
---------	------	---------

DESCRIPTION

SPECIFICATION

DRAWN

ENGR

CHECKED

DESCRIPTION

SPECIFICATION

SSD

VJP

MMW2

-

-

11-04-2022

11-04-2022

11-04-2022

-

-

MATERIAL

THK(mm)

WEIGHT(Kgs)

0.012

-

SS304/SS316

-

-

-

-

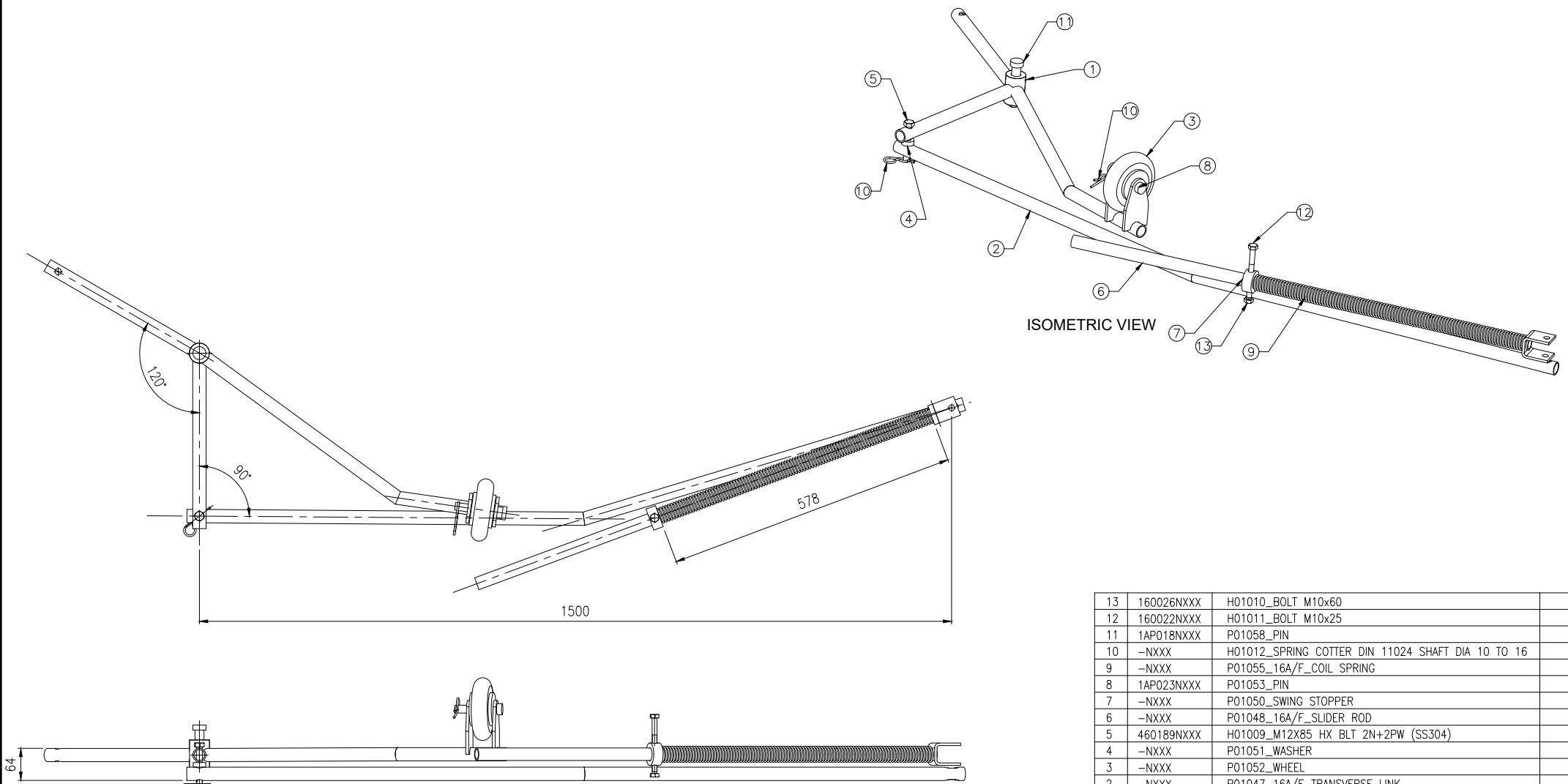
ORDER NO

-

NTS

-

00



PROTO COPY

NOTES:-

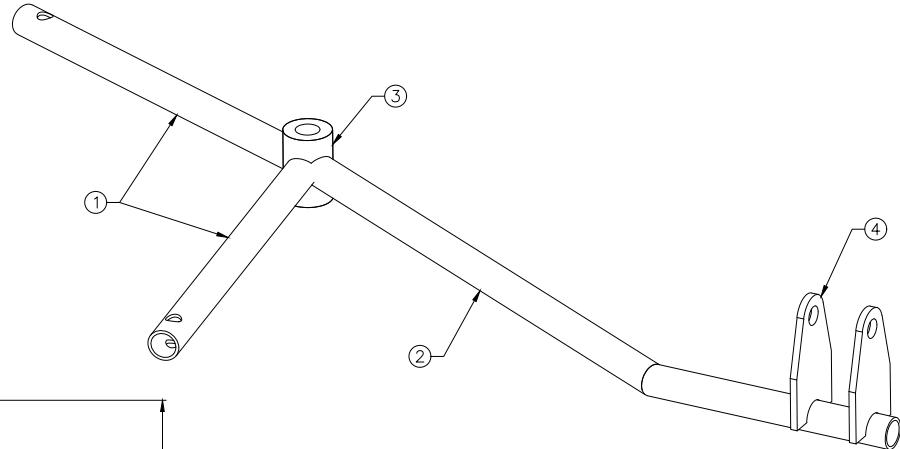
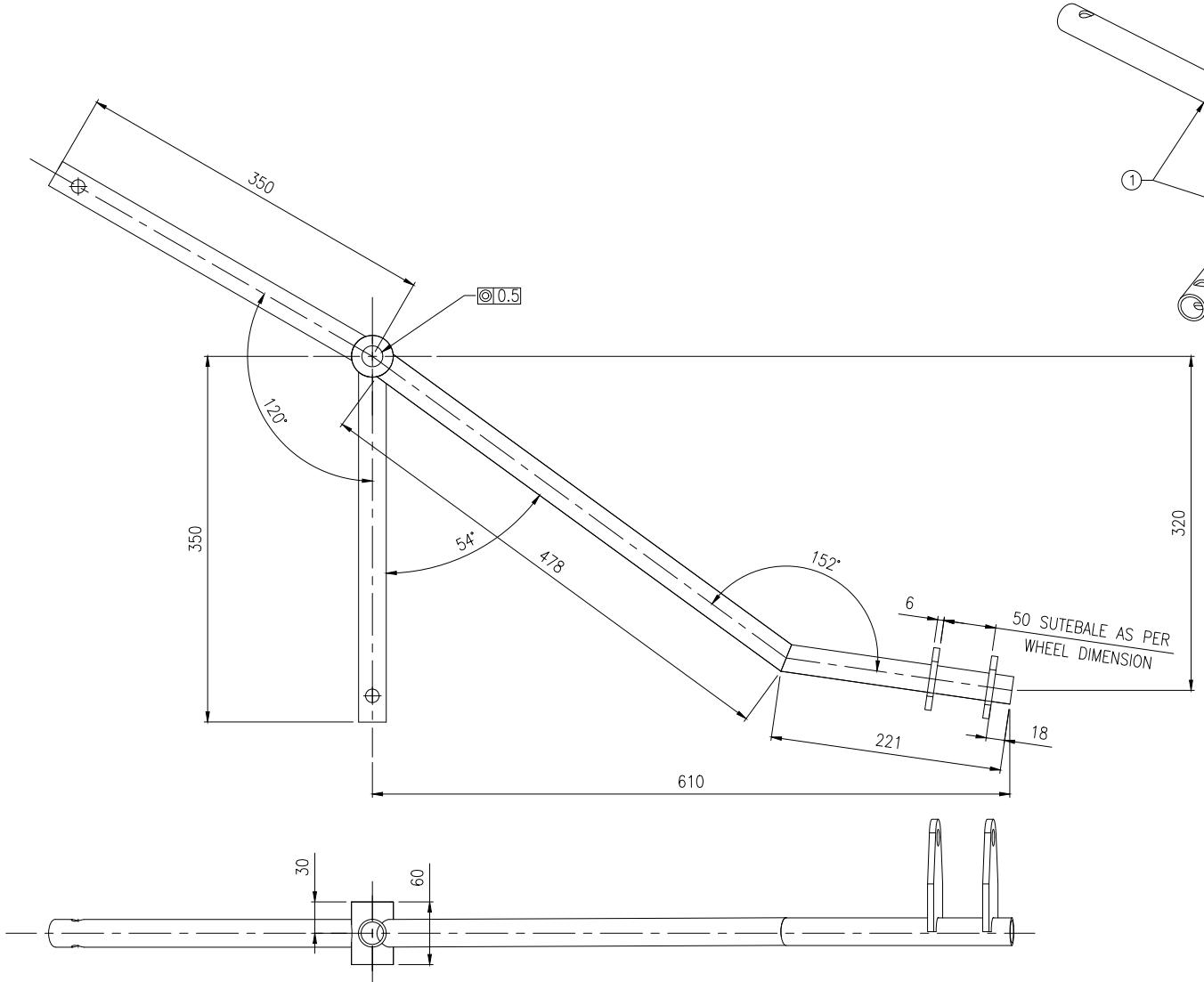
1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.
5. FOR REGULAR SHAPE (CROSS SECTION OF STR.) PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

NO.	PART NO.	DESCRIPTION	QTY.
13	160026NXXX	H01010_BOLT_M10x60	1
12	160022NXXX	H01011_BOLT_M10x25	1
11	1AP018NXXX	P01058_PIN	1
10	-NXXX	H01012_SPRING_COTTER_DIN_11024 SHAFT DIA 10 TO 16	2
9	-NXXX	P01055_16A/F_COIL_SPRING	1
8	1AP023NXXX	P01053_PIN	1
7	-NXXX	P01050_SWING_STOPPER	1
6	-NXXX	P01048_16A/F_SLIDER_ROD	1
5	460189NXXX	H01009_M12X85 HX BLT 2N+2PW (SS304)	1
4	-NXXX	P01051_WASHER	1
3	-NXXX	P01052_WHEEL	1
2	-NXXX	P01047_16A/F_TRANSVERSE_LINK	1
1	-NXXX	P01046_16A/F_BASE_LINK	1

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD				
DESCRIPTION		A01011_16A/F_LINKAGE_ASSEMBLY				
PROD. DESCRIPTION		-				
PART NO.		-NXXX				
DRAWN	SSD	10-06-2022	MATERIAL	-	ORDER NO	-
ENGR	VJP	10-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)	-	REVISION	00

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	REVISION
				-	00



**ISOMETRIC VIEW**

**PROTO COPY**

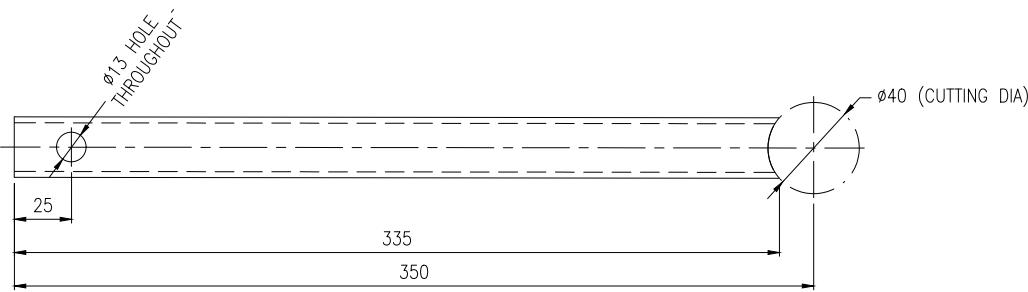
NO.	PART NO.	DESCRIPTION	QTY.
4	-NXXX	PLATE	2
3	-NXXX	BUSH	1
2	-NXXX	ERW PIPE 20NB 2.6 THK (714 LG)	1
1	-NXXX	ERW PIPE 20NB 2.6 THK (350 LG)	2

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

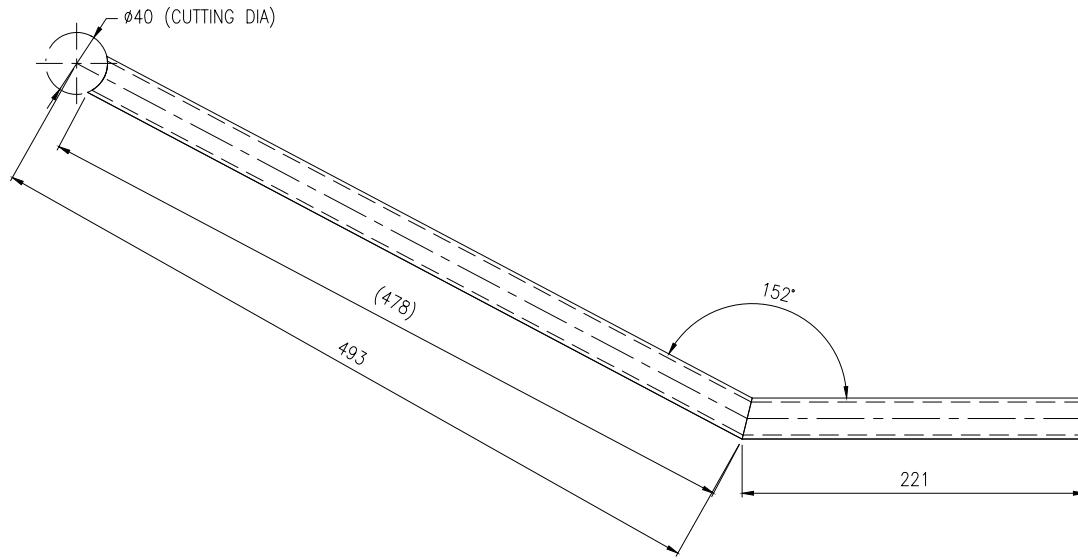
CUSTOMER		STANDARD	
DESCRIPTION		P01046_16A/F_BASE LINK FIXTURE	
PROD. DESCRIPTION		P01046_16A/F_BASE LINK FIXTURE	
PART NO.		-NXXX	
DRAWN	SSD 01-07-2022	MATERIAL	-
ENGR	VJP 01-07-2022	THK(mm)	-
CHECKED	MMW2 01-07-2022	WEIGHT(Kgs)	-
REV NO.	DATE	CHECKED	REVISION
DESCRIPTION		SPECIFICATION	NTS
-		SHEET 1 OF 2	00

**NOTES:-**

1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.
5. FOR REGULAR SHAPE (CORSS SECTION OF STR.) PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.



① ERW PIPE 20NB 2.6 THK  
MATERIAL: IS 1239 GRADE 210

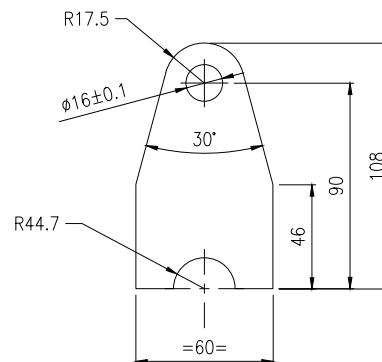


② ERW PIPE 20NB 2.6 THK  
MATERIAL: IS 1239 GRADE 210

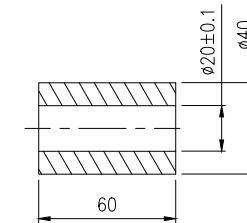
NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 5. FOR REGULAR SHAPE (CORSS SECTION OF STR.)  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

PROTO COPY

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	SHEET 2 OF 2	REVISION	00



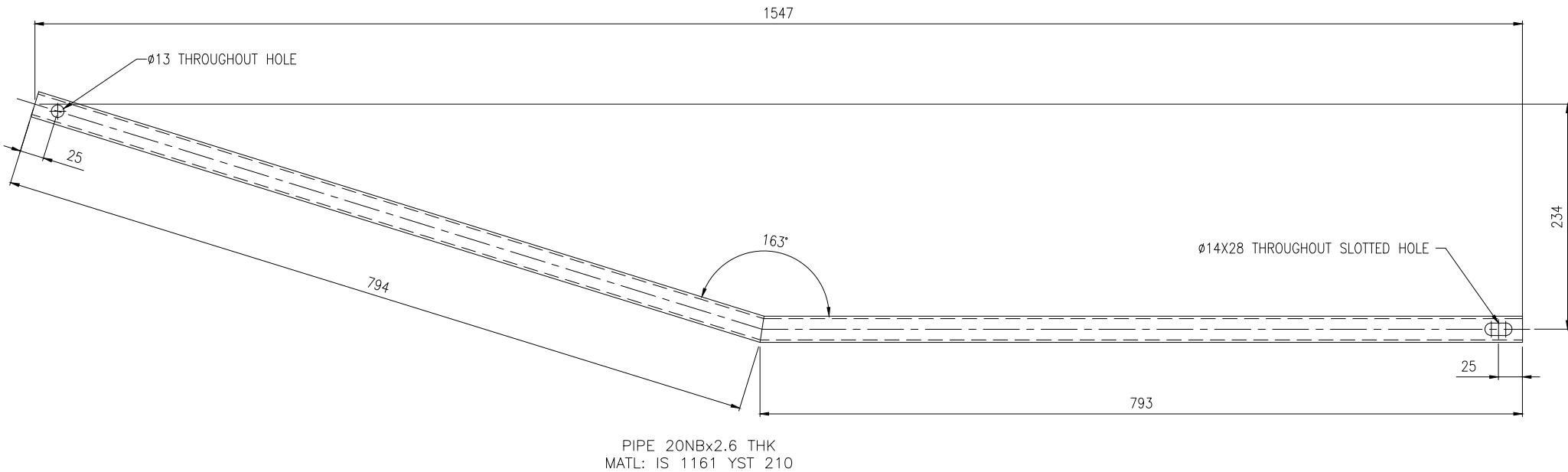
④ PLATE 8 THK  
MATERIAL: IS 2062  
QTY: 2 NOS



③ BUSH  
MATERIAL: IS 2062

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD				
DESCRIPTION	P01046_16A/F_BASE LINK FIXTURE				
PROD. DESCRIPTION	P01046_16A/F_BASE LINK FIXTURE				
PART NO.	-NXXX				
DRAWN	01-07-2022	MATERIAL	-	ORDER NO	-
ENGR	VJP	THK(mm)	-	SCALE	NTS
CHECKED	MMW2	WEIGHT(Kgs)	-		



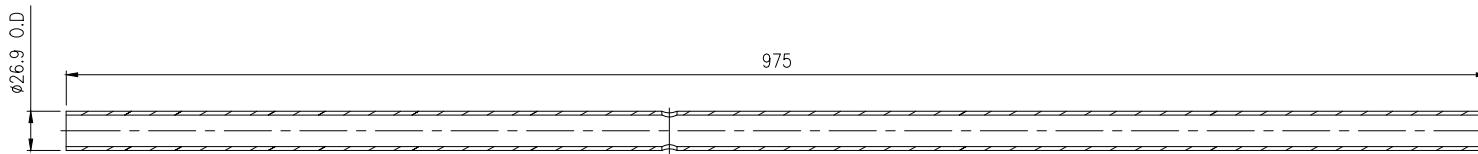
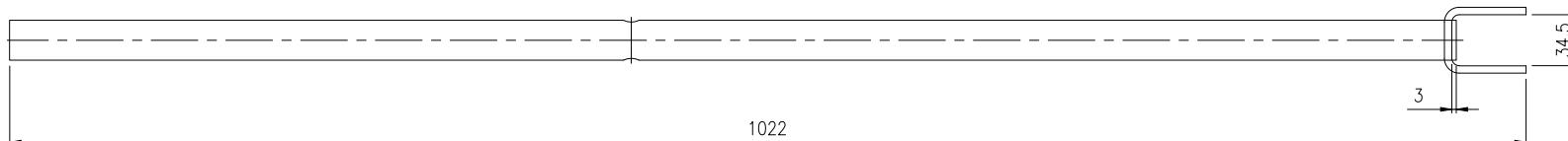
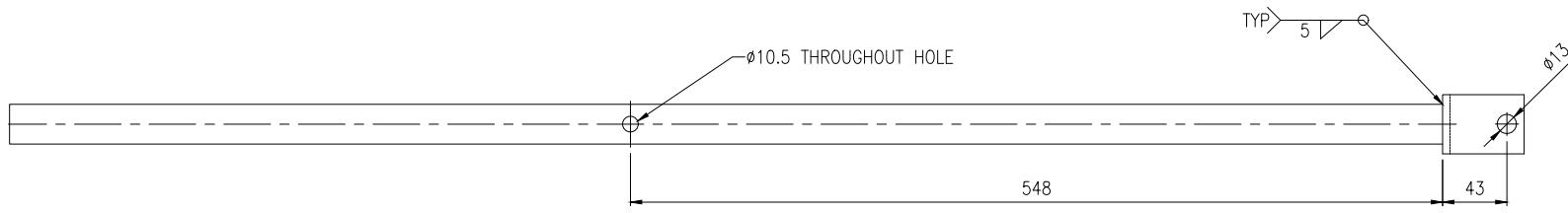
PROTO COPY

- NOTES:-
1. ALL DIMENSIONS ARE IN MM.
  2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  3. DRILLED HOLES NEED 1x45° CHAMFER.
  4. THE HOLES SHALL BE BURR-FREE.

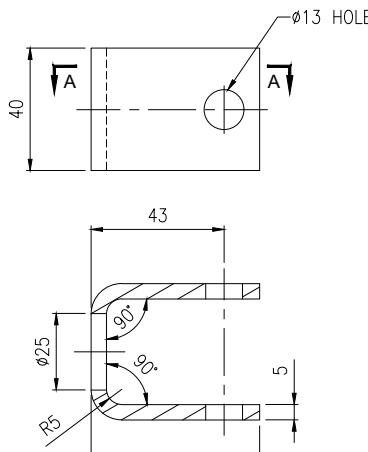
**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01047_16A/F_TRANSVERSE LINK
PROD. DESCRIPTION	P01047_16A/F_TRANSVERSE LINK
PART NO.	-NXXX
DRAWN	01-07-2022
ENGR	VJP
CHECKED	MMW2
REVISION	00
SSD	01-07-2022
MATERIAL	-
THK(mm)	-
WEIGHT(Kgs)	-
ORDER NO	-
SCALE	NTS
REVISION	00

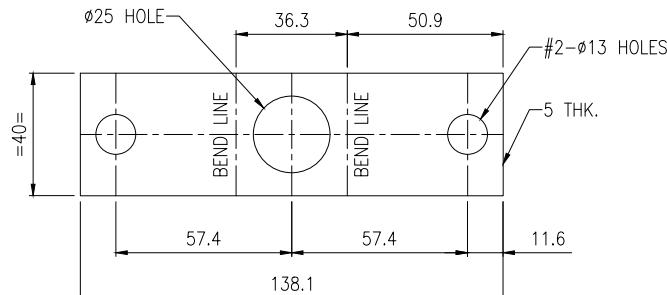
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



① PIPE 20NBx2.6 THK  
MATL: IS:1239 YST 210



② PLATE  
MATL: IS:2062 GR. E250

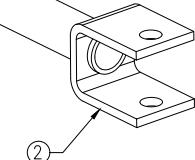


DEVELOPED VIEW

PROTO COPY

NOTES:-  
1. ALL DIMENSIONS ARE IN MM.  
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
3. DRILLED HOLES NEED 1x45° CHAMFER.  
4. THE HOLES SHALL BE BURR-FREE.  
5. FOR REGULAR SHAPE (CROSS SECTION OF STR.) PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

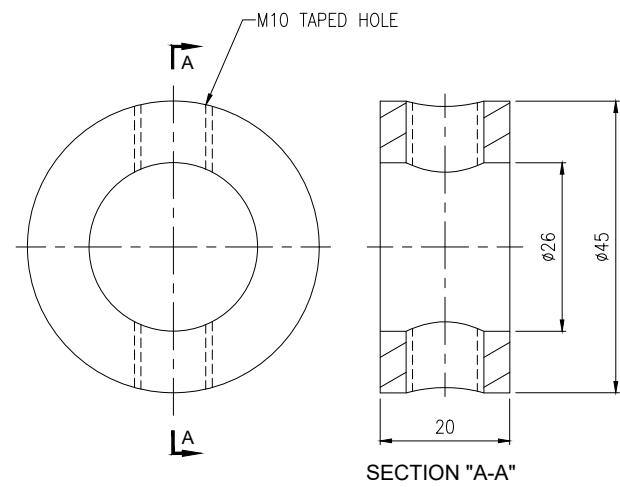
ISOMETRIC VIEW



2	-NXXX	PLATE	1
1	-NXXX	PIPE 20NBx2.6 THK 975 LG.	1
NO.	PART NO.	DESCRIPTION	QTY.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD	
DESCRIPTION		P01048_16A/F_SLIDER ROD	
PROD. DESCRIPTION		P01048_16A/F_SLIDER ROD	
PART NO.		-NXXX	
DRAWN	SSD	01-07-2000	MATERIAL
ENGR	VJP	01-07-2000	THK(mm)
CHECKED	MMW2	01-07-2000	WEIGHT(Kgs)
REV NO.	DATE	CHECKED	SPECIFICATION
			-
			ORDER NO -
			SCALE NTS
			REVISION 00



PROTO COPY

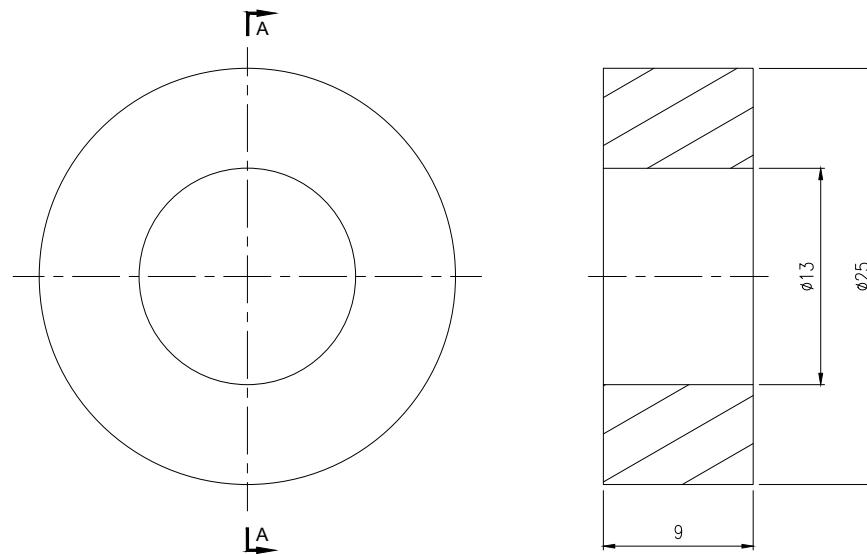
NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.  
 PROFILE CUT AS PER SUITABLE FITMENT WHILE MANUFACTURING.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01050_SWING STOPPER
PROD. DESCRIPTION	P01050_SWING STOPPER
PART NO.	-NXXX
DRAWN	SSD 10-06-2022
ENGR	VJP 10-06-2022
CHECKED	MMW2 10-06-2022
WEIGHT(Kgs)	0.15
SCALE	NTS
REVISION	00

REV NO.	DATE	CHECKED
---------	------	---------

DESCRIPTION	SPECIFICATION
-------------	---------------



SECTION "A-A"

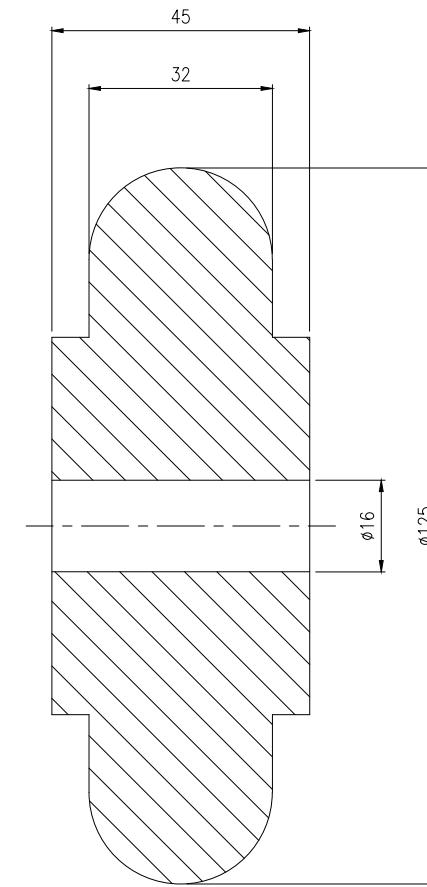
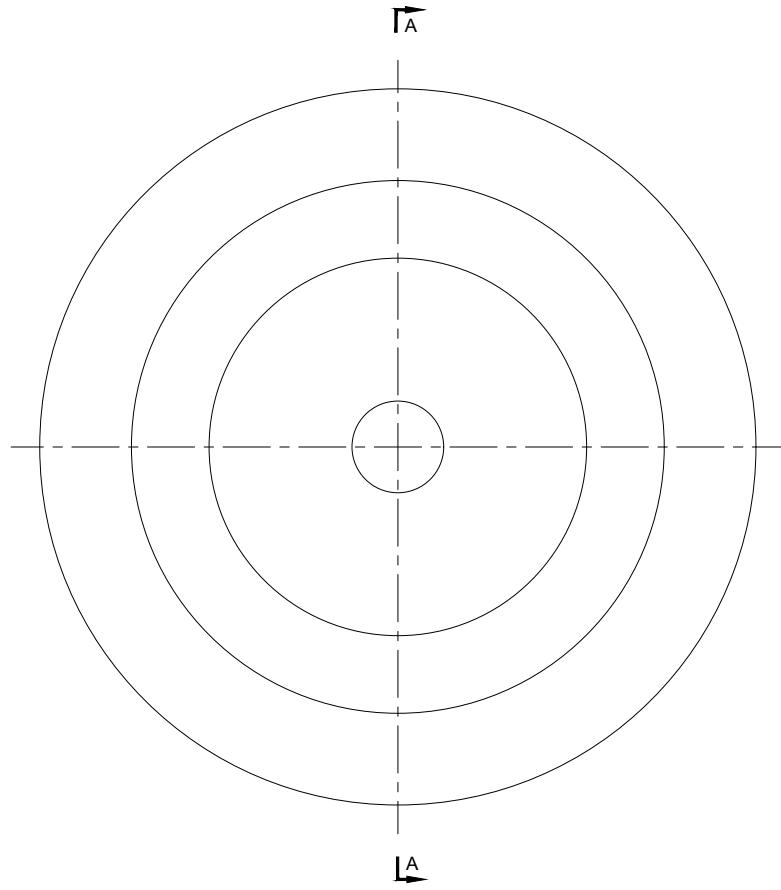
NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.

PROTO COPY

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD		
DESCRIPTION	P01051_NYLON WASHER		
PROD. DESCRIPTION	P01051_NYLON WASHER		
PART NO.	-NXXX		
DRAWN	SSD	10-06-2022	MATERIAL
ENGR	VJP	10-06-2022	THK(mm)
CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)
			-
REV NO.	DATE	CHECKED	SPECIFICATION
			-
			REVISION
			00



SECTION A-A

PROTO COPY

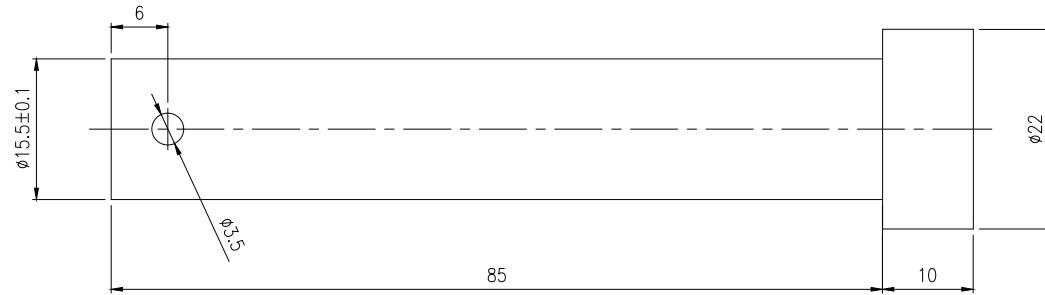
- NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	ORDER NO	-
				SSD	10-06-2022	MATERIAL	-
				ENGR	VJP	THK(mm)	-
				CHECKED	MMW2	WEIGHT(Kgs)	-
						SCALE	NTS
						REVISION	00

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01052_WHEEL
PROD. DESCRIPTION	P01052_WHEEL

DRAWN	SSD	10-06-2022	MATERIAL	-	ORDER NO	-
ENGR	VJP	10-06-2022	THK(mm)	-		
CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)	-	SCALE	NTS

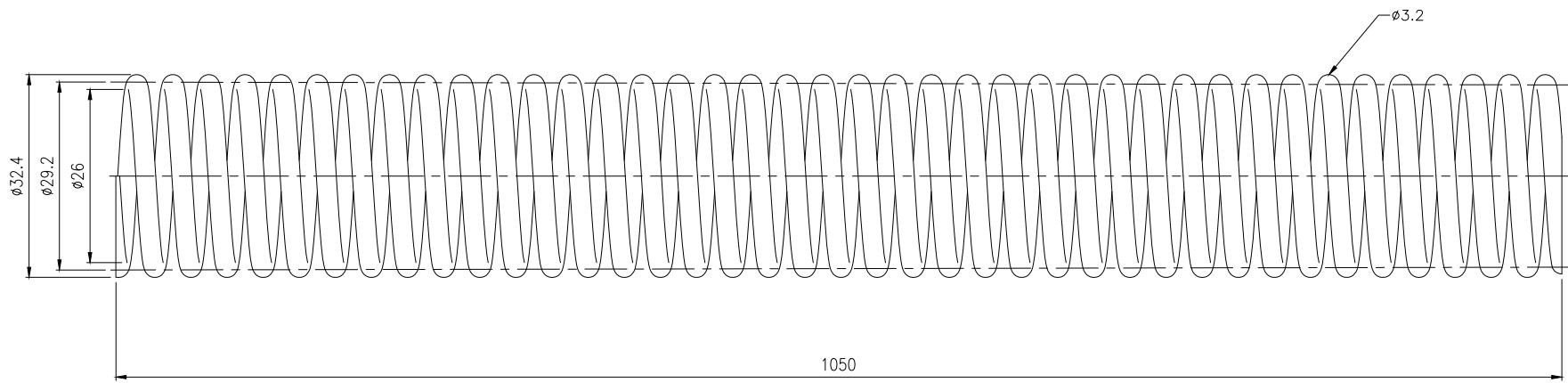


- NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.

**PROTO COPY**

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD				
DESCRIPTION	P01053_PIN				
PROD. DESCRIPTION	PIN DIA 15.5 85LG SS304 P01053				
PART NO.	<b>1AP023NXXX</b>				
DRAWN	SSD 10-06-2022	MATERIAL	S:2062 GR. E250	ORDER NO	-
ENGR	VJP 10-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2 10-06-2022	WEIGHT(Kgs)	-	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



SR.NO	PARAMETER	UNIT	SPRING 1
1	WIRE DIA	MM	3.2
2	MEAN DIA	MM	29.2
3	NO. OF ACTIVE COILS		50
4	FREE LENGTH	MM	1050
5	SPRING RATE	N/MM	0.84
6	MAX TRAVEL	MM	472
7	MAX FORCE	N	397
8	COIL END (BOTH SIDES)		CLOSED & GROUND

---

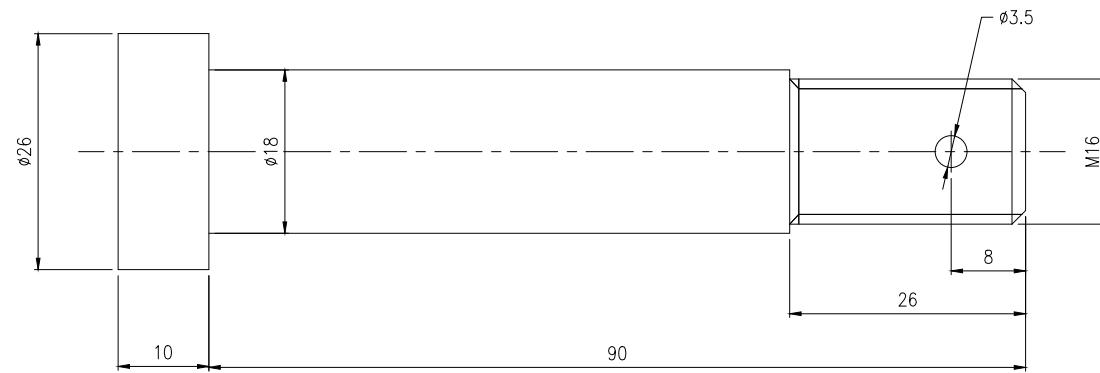
PROTO COPY

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

### NOTES:-

- NOTES:  
1. MATERIAL TO BE DECIDED BY SUPPLIER WHICH IS SUITABLE TO SUSTAIN MAXIMUM FORCE.  
2. SPRING SAGGING SHOULD NOT BE MORE THAN 5mm AFTER REPEATED FULL TRAVEL OF SPRING.

				DRAWN	S3D 01-07-2022 MATERIAL	ORDER NO	-
				ENGR	VJP 01-07-2022 THK(mm)	-	
				CHECKED	MMW2 01-07-2022 WEIGHT(Kgs)	-	SCALE NTS
REV. NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	REVISION	00

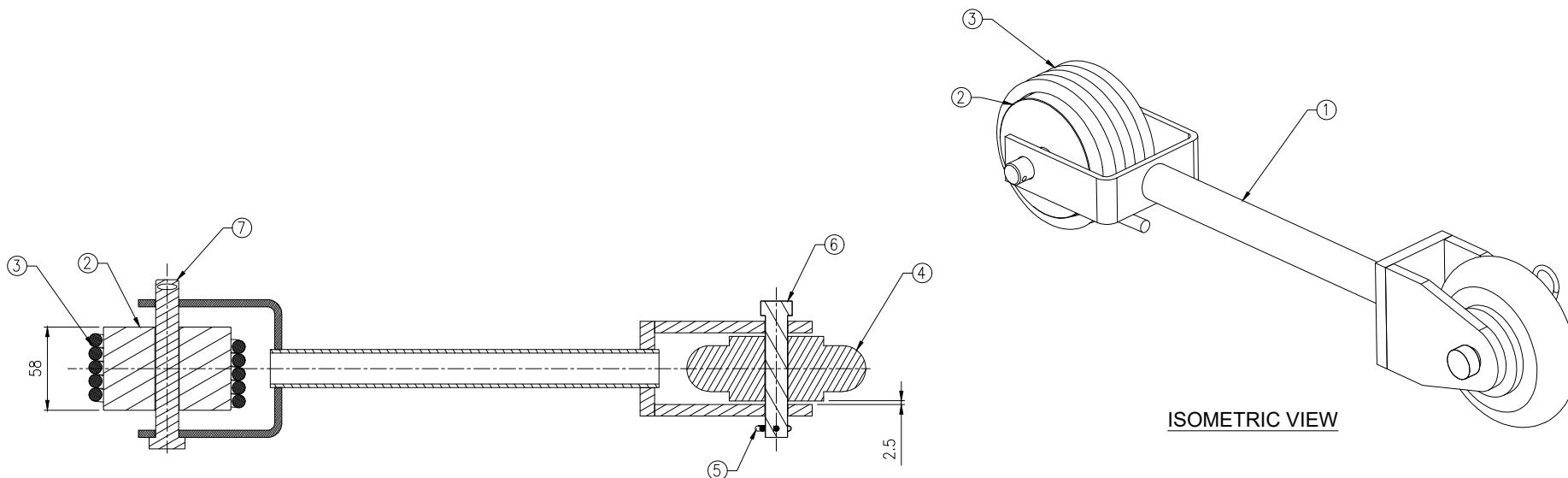


NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.

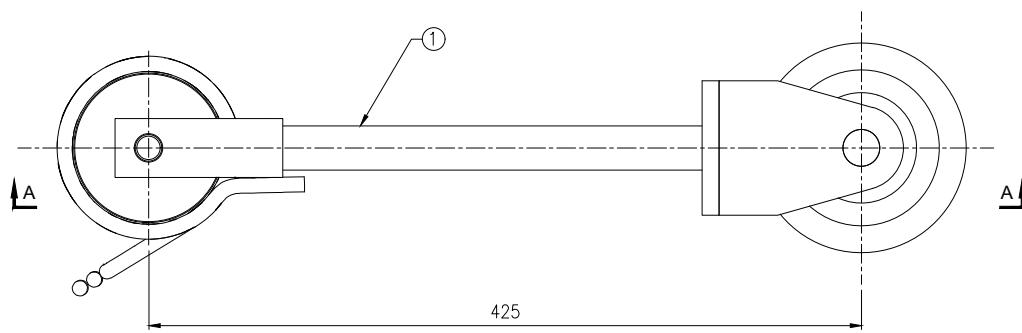
**PROTO COPY**

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD				
DESCRIPTION	P01058_PIN				
PROD. DESCRIPTION	STEP PIN WITH M16 THREAD 100MM LG SS304 P01058				
PART NO.	<b>1AP018NXXX</b>				
DRAWN	SSD 10-06-2022	MATERIAL	SS 304	ORDER NO	-
ENGR	VJP 10-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2 10-06-2022	WEIGHT(Kgs)	-	REVISION	00
REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-



SECTION VIEW A-A



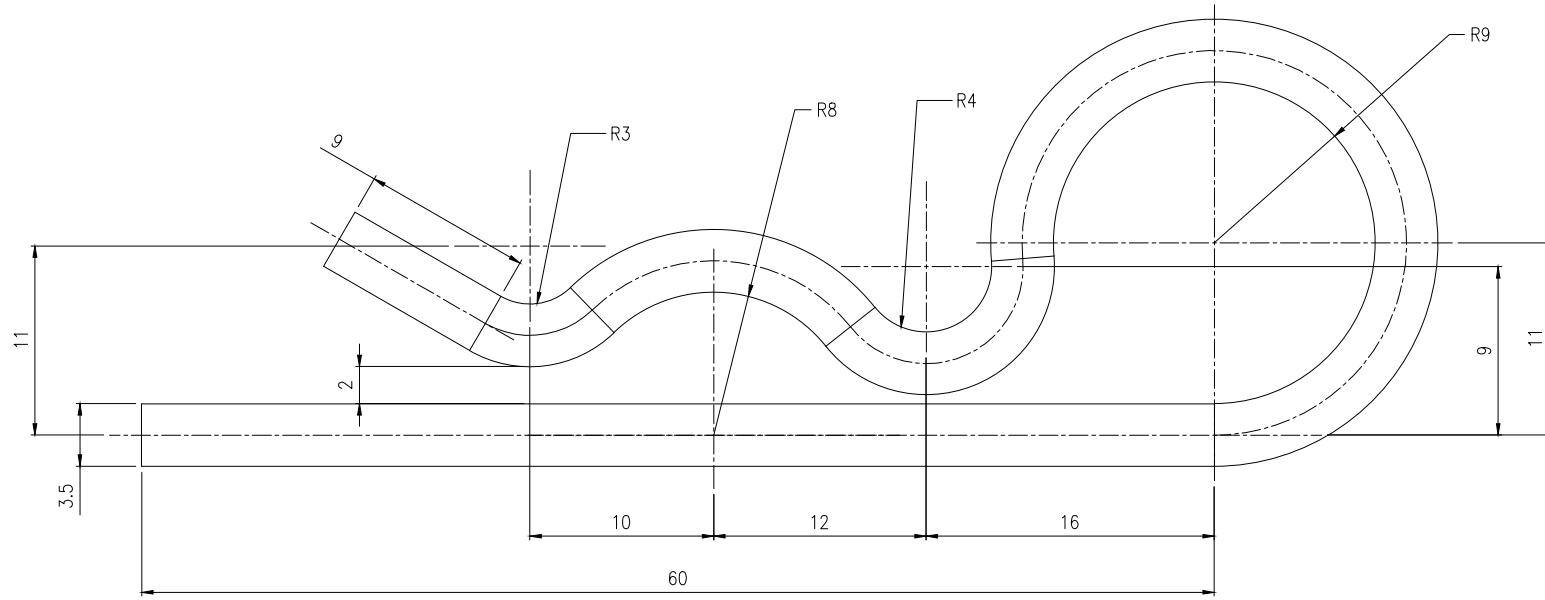
ISOMETRIC VIEW

PROTO COPY

NO.	PART NO.	DESCRIPTION	QTY.
7	1AP020NXXX	P01002_PIN	1
6	1AP023NXXX	P01053_PIN	1
5	1AP019NXXX	H01012_SPRING COTTER	2
4	-NXXX	P01052_WHEEL	1
3	-NXXX	P01061_TORSION SPRING	1
2	-NXXX	P01060_NYLON BLOCK	1
1	-NXXX	P01059_TORSION LINK	1

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD				
DESCRIPTION		A01013_SUPPORT WHEEL ASSEMBLY				
PROD. DESCRIPTION		WELDE SUPPORT WHEEL ASSY A01013XXXXXXXXXXXXXX				
PART NO.		418115NXXX				
DRAWN	SSD	10-06-2022	MATERIAL	-	ORDER NO	-
ENGR	VJP	10-06-2022	THK(mm)	-	SCALE	NTS
CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)	4.53		
SPECIFICATION	-				REVISION	00



PROTO COPY

NO

- NOTES:  
1. ALL DIMENSIONS ARE IN MM.  
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.

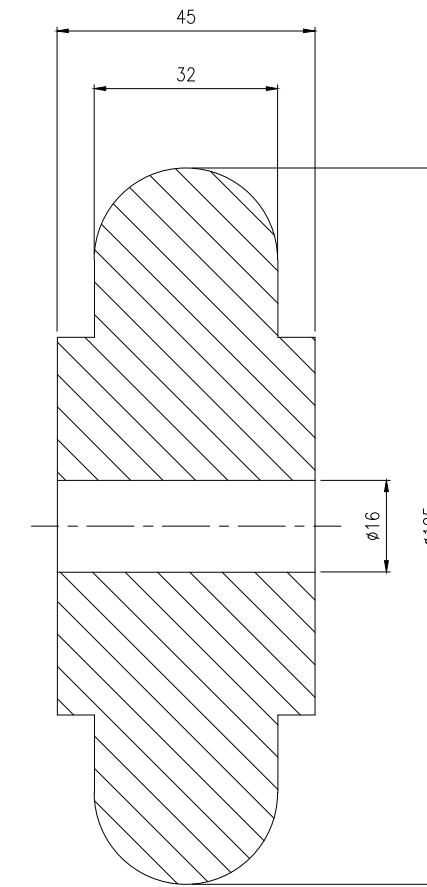
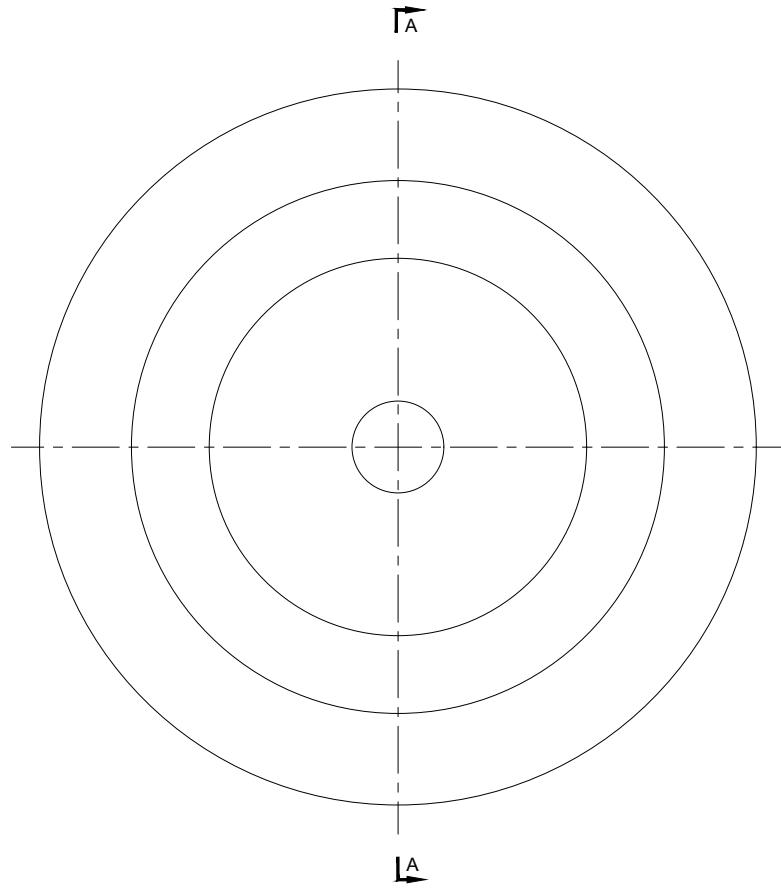
				BRIWNN	SSD	10-06-2022	MATERIAL	-	ORDER NO	-
				ENGR	VJP	10-06-2022	THK(mm)	-	SCALE	NTS
				CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)	-		
REV. NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-			REVISION	00	



A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	<b>STANDARD</b>
DESCRIPTION	H01012_SPRING COTTER
PROD. DESCRIPTION	WIRE DIA 3.5 SPRG COTR DIN 11024 FOR SFT 10-16
PART NO.	1AP01QNYXX

PART NO.		TAU 01 SNXXXX				
DRAWN	SSD	10-06-2022	MATERIAL	—	ORDER NO	—
ENGR	VJP	10-06-2022	THK(mm)	—	SCALE	NTS
CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)	—		
SPECIFICATION	—		REVISION	00		



VIEW FROM A-A

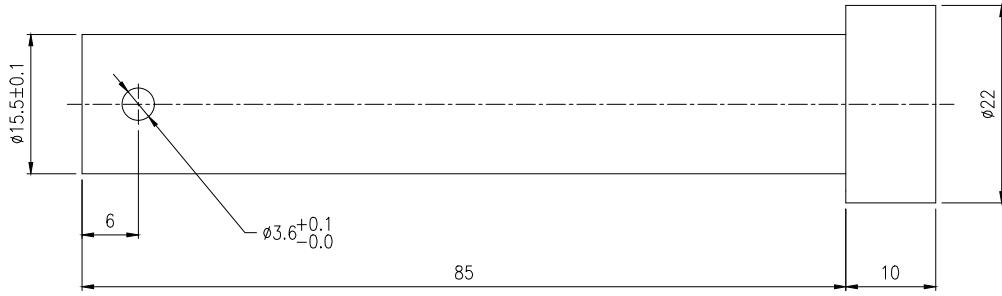
PROTO COPY

- NOTES:-  
 1. ALL DIMENSIONS ARE IN MM.  
 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.  
 3. DRILLED HOLES NEED 1x45° CHAMFER.  
 4. THE HOLES SHALL BE BURR-FREE.

REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-	ORDER NO	-
				SSD	10-06-2022	MATERIAL	-
				ENGR	VJP	THK(mm)	-
				CHECKED	MMW2	WEIGHT(Kgs)	-
						SCALE	NTS
						REVISION	00

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD
DESCRIPTION	P01052_WHEEL
PROD. DESCRIPTION	P01052_WHEEL
PART NO.	-NXXX
DRAWN	10-06-2022
ENGR	VJP
CHECKED	MMW2
DESCRIPTION	WEIGHT(Kgs)
SPECIFICATION	-



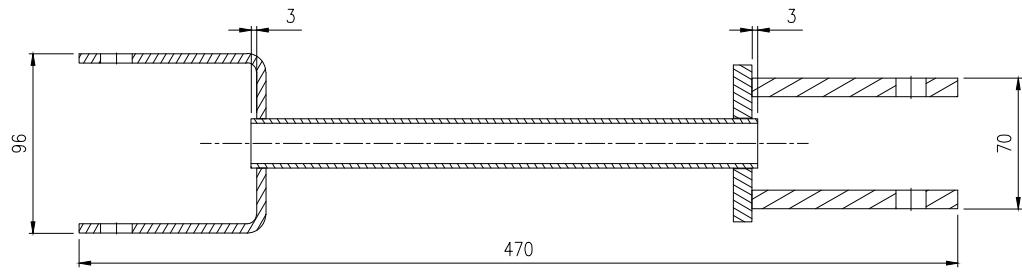
PROTO COPY

NOTES:-

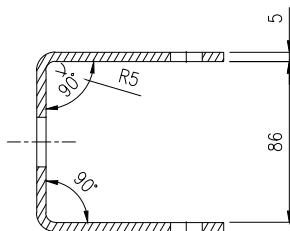
- ALL DIMENSIONS ARE IN MM.
- EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
- DRILLED HOLES NEED 1x45° CHAMFER.
- THE HOLES SHALL BE BURR-FREE.

**valmont** A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

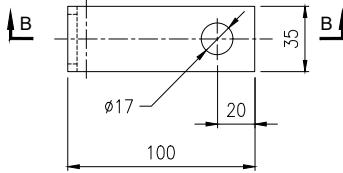
CUSTOMER	STANDARD	
DESCRIPTION	P01053_PIN	
PROD. DESCRIPTION	PIN DIA 15.5 85LG SS304 P01053XXXXXXXXXXXXXX	
PART NO.	1AP023NXXX	
DRAWN	SSD 10-06-2022	MATERIAL IS:2062(E250)
ENGR	VJP 10-06-2022	THK(mm) -
CHECKED	MMW2 10-06-2022	WEIGHT(Kgs) 0.15
REV NO.	DATE	CHECKED
		DESCRIPTION
		SPECIFICATION -
		SCALE NTS
		REVISION 00



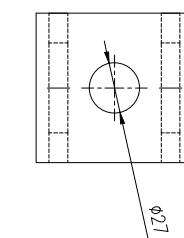
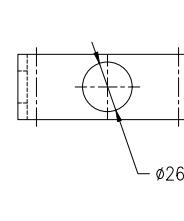
VIEW FROM A-A



SECTION VIEW B-B



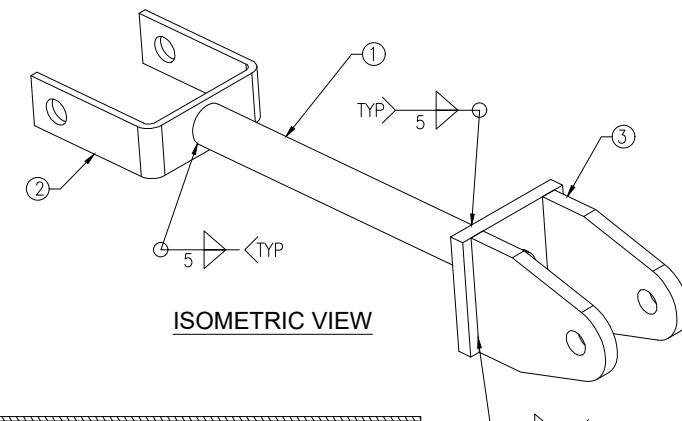
② SPRING BRACKET  
MATERIAL : IS:2062 (E250)



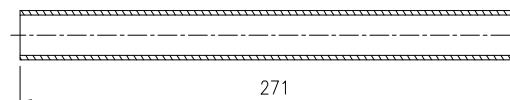
③ ROLLER BRACKET  
MATERIAL : IS:2062 (E250)

NOTES:-

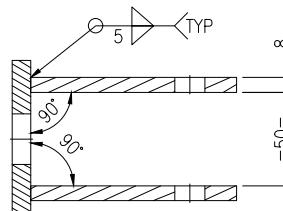
- ALL DIMENSIONS ARE IN MM.
- EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
- DRILLED HOLES NEED 1x45° CHAMFER.
- THE HOLES SHALL BE BURR-FREE.



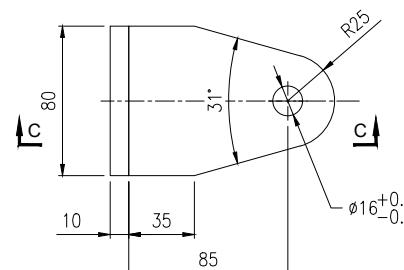
ISOMETRIC VIEW



① PIPE 20NB CLASS B  
IS:1239 (YST210)



SECTION VIEW C-C

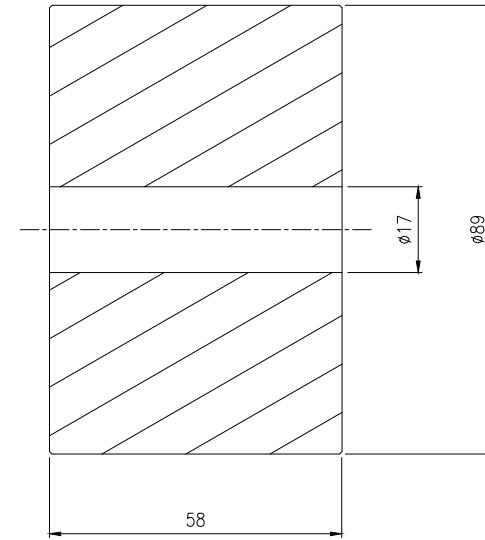
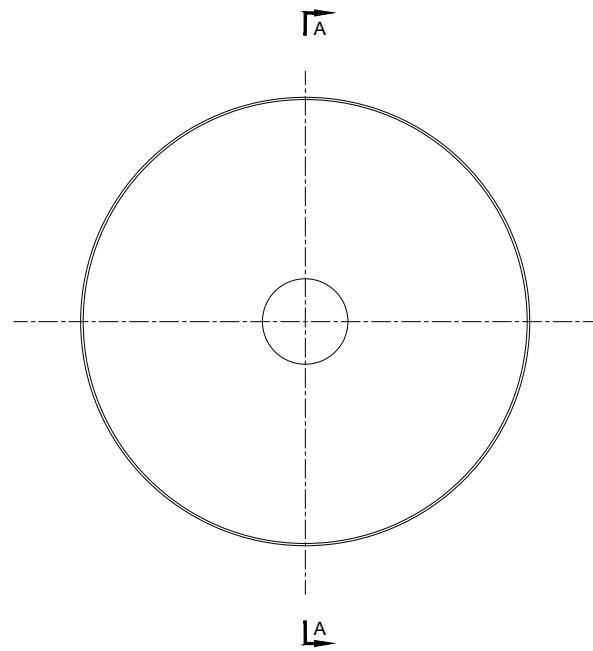


PROTO COPY

3	-NXXX	ROLLER BRACKET	1
2	-NXXX	SPRING BRACKET	1
1	-NXXX	20NB PIPE (271 LG)	1
NO.	PART NO.	DESCRIPTION	QTY.

**valmont**  A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER		STANDARD	
DESCRIPTION		A01059_TORSION LINK	
PROD. DESCRIPTION		A01059_TORSION LINK	
PART NO.		-NXXX	
DRAWN	SSD	10-06-2022	MATERIAL
ENGR	VJP	10-06-2022	THK(mm)
CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)
REV. NO.	DATE	CHECKED	SPECIFICATION
			-
DESCRIPTION		SPECIFICATION	
REV. NO.	DATE	CHECKED	REVISION
			00
SCALE		NTS	



SECTION VIEW A-A

## NOTES:-

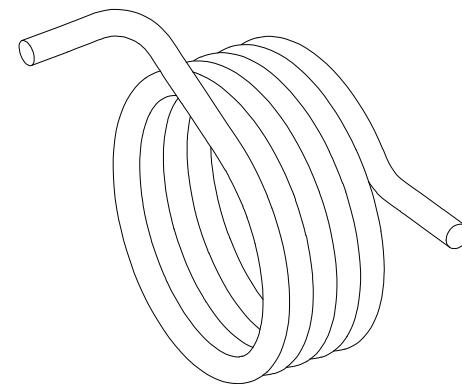
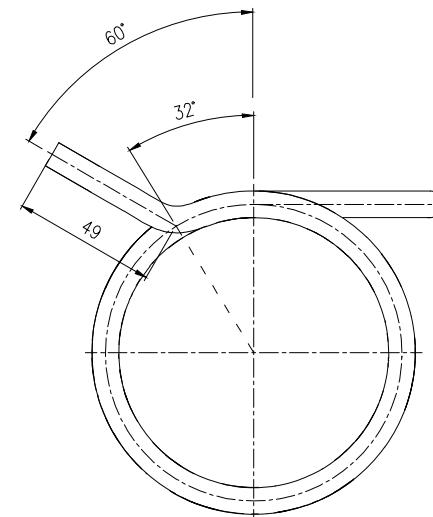
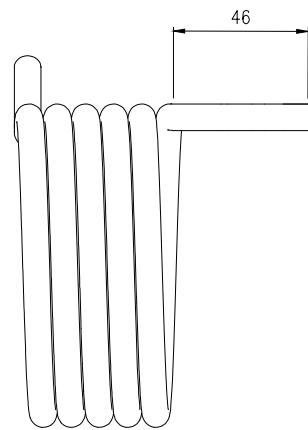
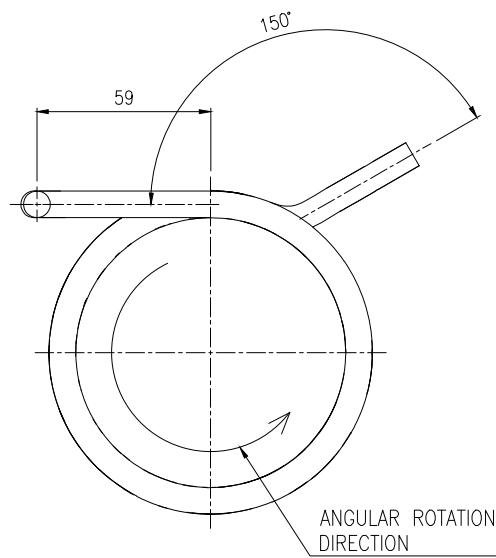
1. ALL DIMENSIONS ARE IN MM.
  2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
  3. DRILLED HOLES NEED 1x45° CHAMFER.
  4. THE HOLES SHALL BE BURR-FREE.

PROTO COPY

				DRAWN	SSD 10-06-2022	MATERIAL	ORDER NO	SQ-
				ENGR	VJP 10-06-2022	THK(mm)	-	
				CHECKED	MMW2 10-06-2022	WEIGHT(Kgs)	-	SCALE NTS
REV. NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	-		REVISION	00



A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132



ISOMETRIC VIEW

SR NO.	PARAMETER	UNIT	SPRING 1
1	WIRE DIA	mm	9
2	MEAN DIA	mm	100
3	NO. O ACTIVE COIL		5
4	SPRING RATE	N-mm/deg	677
5	MAX ROTATION	deg	100
6	MAX TORQUE	N-mm	67700

NOTE :

- 1) MATERIAL NEED TO DECIDE BY SUPPLIER SUITABLE SUSTAIN MAX TORQUE.
- 2) SPRING SAGGING SHOULD NOT BE AFTER MAX TORQUE.

PROTO COPY

**valmont** 

A-20, INDAPUR INDUSTRIAL AREA  
MIDC, INDAPUR, PUNE(DIST).  
INDIA, PIN-413132

CUSTOMER	STANDARD		
DESCRIPTION	A01061_TORSION SPRING		
PROD. DESCRIPTION	A01061_TORSION SPRING		
PART NO.	-NXXX		
DRAWN	SSD	10-06-2022	MATERIAL
ENGR	VJP	10-06-2022	THK(mm)
CHECKED	MMW2	10-06-2022	WEIGHT(Kgs)
REV. NO.	DATE	CHECKED	SPECIFICATION
			-
REVISION	00		
SCALE	NTS		

REV. NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION
				-