

Valmont. ▼ a-20, INDAPUR, INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132

PROD. DESCRIPTION WIRE DIA 3.5 SPRG COTR DIN 11024 FOR SFT 10-16 PART NO. 1 APO 1 ON X X

NTS 8

SS304/SS316 0.012

REVISION SCALE

MMW2 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm)

CHECKED SPECIFICATION

DESCRIPTION

CHECKED

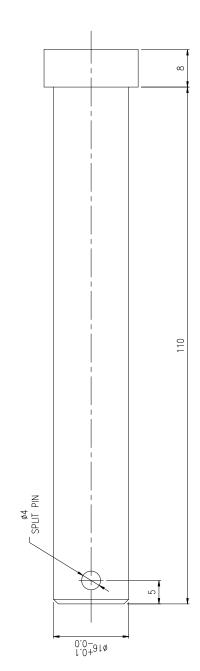
DATE

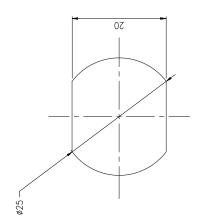
REV NO.

MASTER COPY

DRAWN

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





Valmont. Wallo, indapur industrial area india, pin-413132

P01002_PIN

DESCRIPTION

PIN DIA 16 118LG SS304 P01002

PROD. DESCRIPTION

MASTER COPY

	CHECKED	
	DATE	
	REV 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.

1	SPECIFICATION	DESCRIPTION	CHECKED	DATE	REV NO.
Σ	CHECKED				
≥	ENGR				

NTS 8

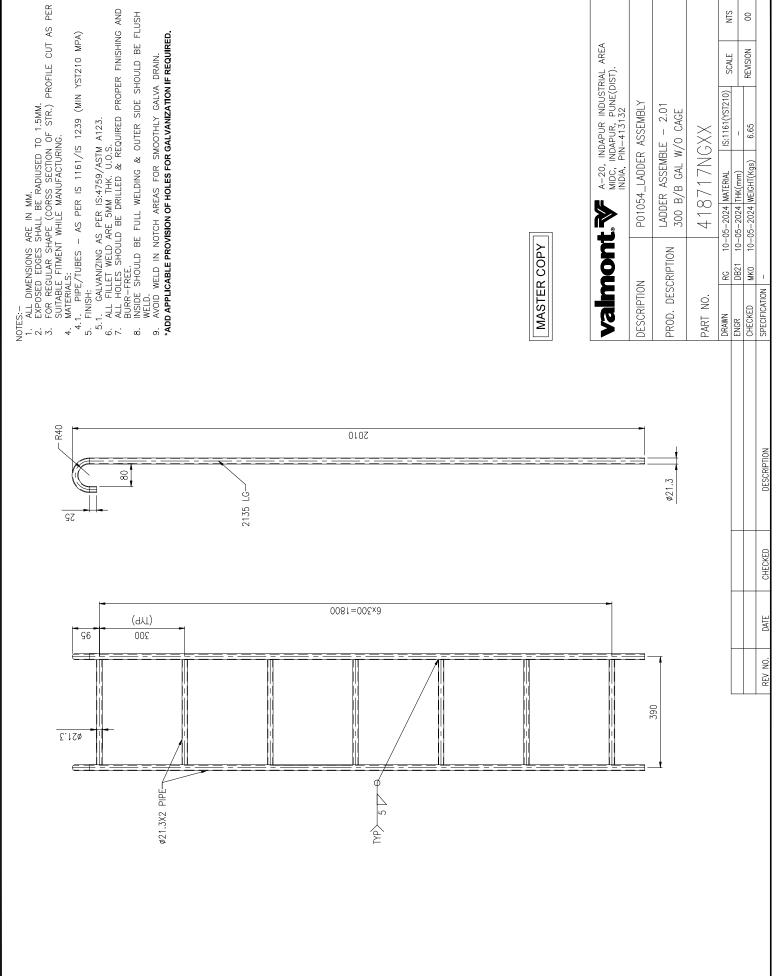
SS 304 0.2

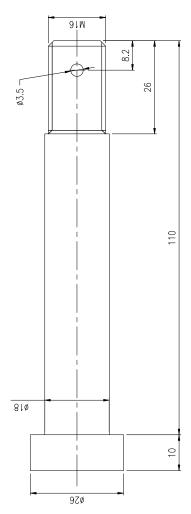
1AP020NXXX

PART NO. DRAWN

REVISION SCALE

MMW2 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm)







DESCRIPTION	P01058_PIN
PROD. DESCRIPTION	STEP PIN WITH M16 THREAD 110MM LG SS304 P01058
PART NO.	1AP018NXXX

NTS 8

SS304 0.2

REVISION SCALE

MMW2 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm)

CHECKED A

DESCRIPTION

CHECKED

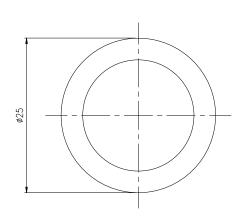
DATE

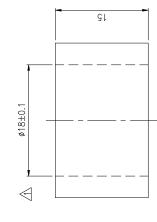
MASTER COPY

DRAWN

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.





P01069_NYLON BUSH WIRE ROPE MOUNTING Valmont. A A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST).
INDIA, PIN-413132 PROD. DESCRIPTION MTG P01069 DESCRIPTION

	X	NYLON	-	0.005	
MIG 1 01003	1AP021NXXX	SSD 09-06-2022 MATERIAL	VJP 09-06-2022 THK(mm)	MMW2 09-06-2022 WEIGHT(Kgs)	
		0-60	0-60	0-60	
		OSS	ΛNΡ	MMW2	ı
	PART NO.	DRAWN	ENGR	CHECKED	SPECIFICATION
				BUSH ID UPDATED	DESCRIPTION

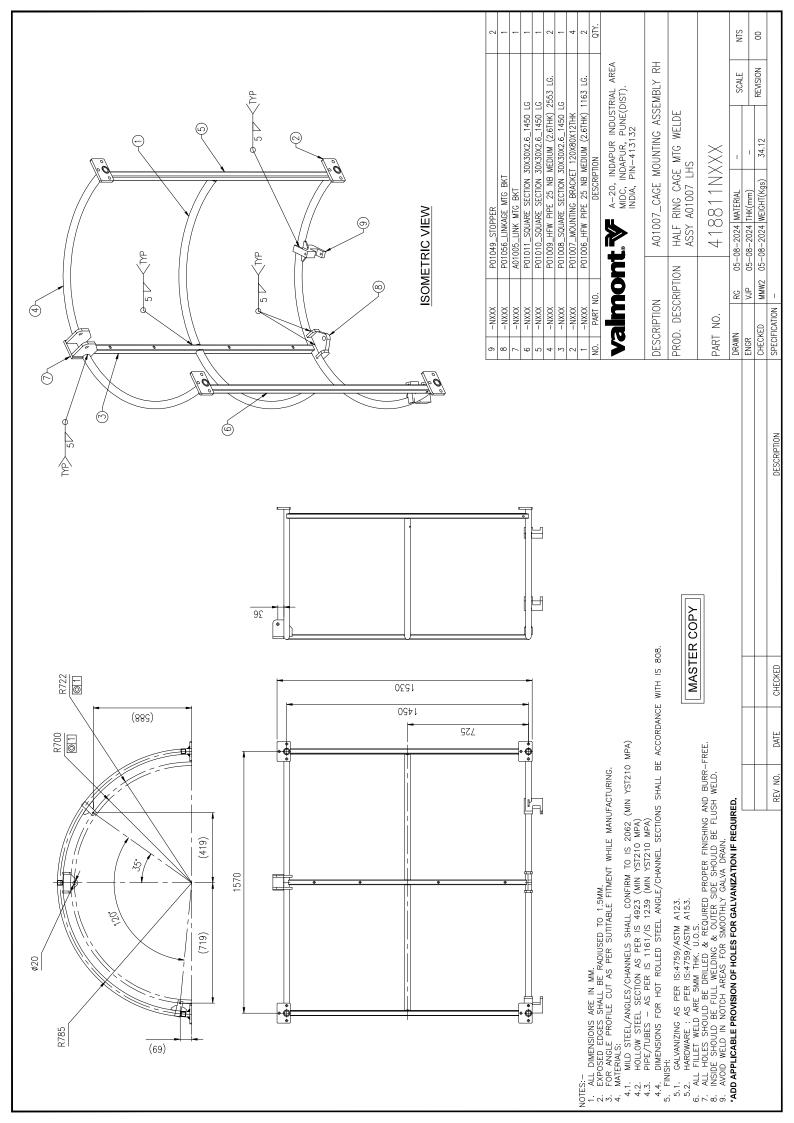
NTS 0

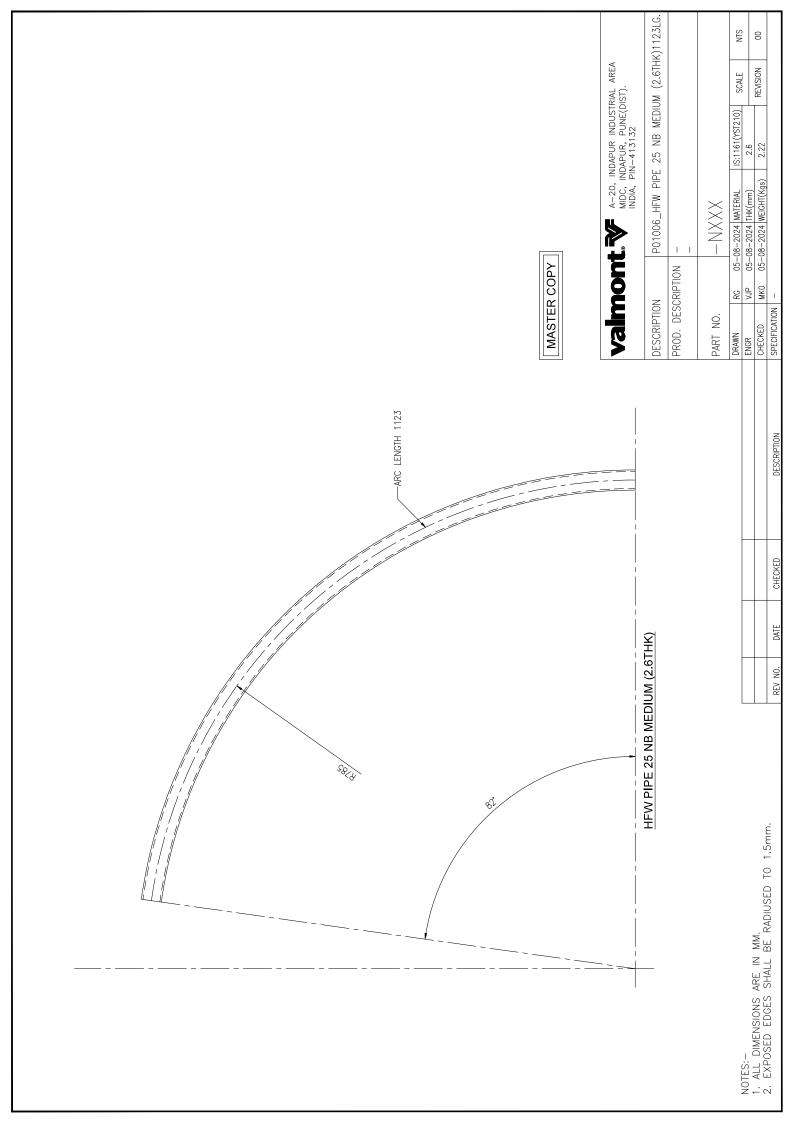
REVISION SCALE

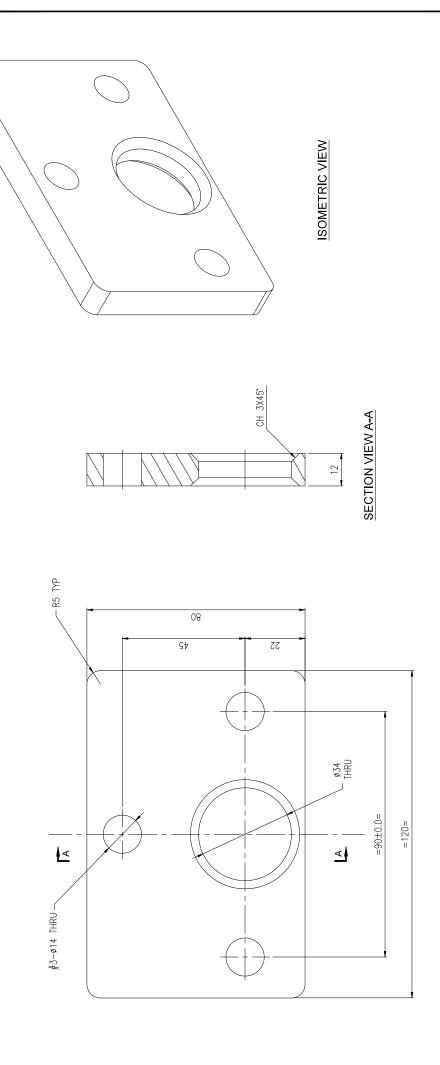
NOTES:1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.

	MKO	CHECKED
	11-05-2024	DATE
	01	REV NO.
,		

MASTER COPY









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

P01007_MOUNTING BRACKET	TION MOUNTING BRACKET 120X80X12 P01007	>>>
DESCRIPTION	PROD. DESCRIPTION	()

	IS:2062(E250)	12	0.77	
XXX	MATERIAL	THK(mm)	MMW2 09-06-2022 WEIGHT(Kgs)	
2	09-06-2022 MATERIAL	09-06-2022 THK(mm)	-06-2022	
	60	66	60	
	OSS	ΛJP	MMW2	
PART NO.	DRAWN	ENGR	CHECKED	

NTS 8

REVISION SCALE

CHECKED MMW SPECIFICATION –

DESCRIPTION

CHECKED

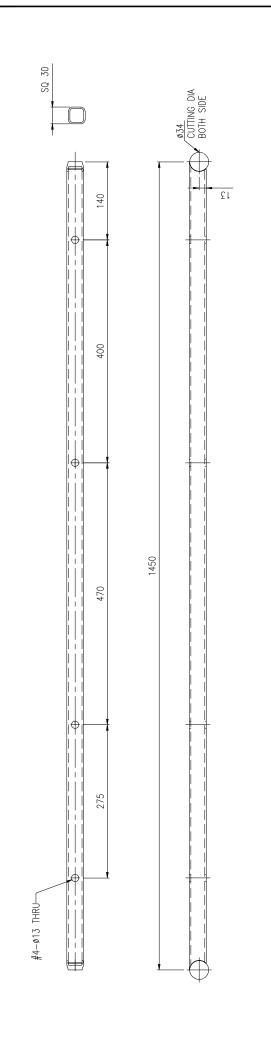
DATE

REV NO.

MASTER COPY

2	OIES:-				
<u> </u>	ALL DIME	SNOISN	ARE IN	M N	
2	EXPOSED		SHALL	BE	RADI
М.	DRILLED	HOLES	NEED \	1×45°	CH

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



P01008_SQUARE SECTION 30X30X2.6_1450LG Valmont. Walls, indapur, industrial area india, pin-413132 india, pin-413132 1 1 PROD. DESCRIPTION DESCRIPTION

NTS

IS:4923(YST210) 2.6 3.05

 \times

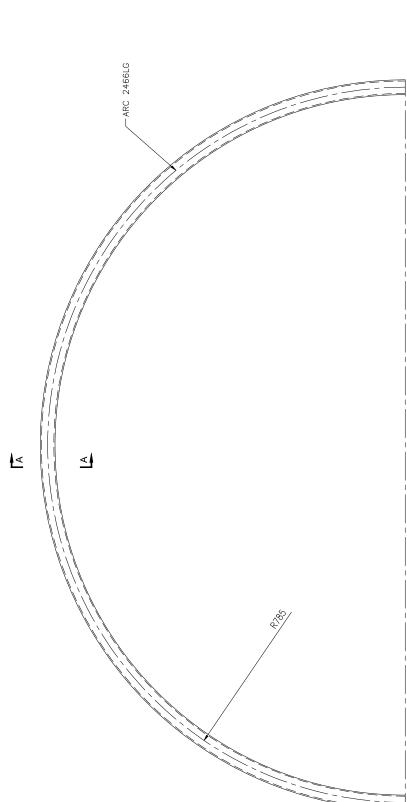
PART NO.

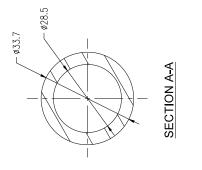
8

REVISION SCALE

MMWZ 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm)

1	SPECIFICATION	DESCRIPTION	CHECKED	DATE	REV NO.
≥	CHECKED				
>	ENGR				
Ϋ́	DRAWN				
l					





MASTER COPY

P01009_HFW PIPE 25 NB MEDIUM(2.6THK)2466LG. Valmont. A a-20, INDAPUR, INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132 IS:1161(YST210) 2.6 4.88 MK0 07-08-2024 WEIGHT(Kgs) 07-08-2024 MATERIAL 07-08-2024 THK(mm) PROD. DESCRIPTION NJP VJP DESCRIPTION PART NO. CHECKED DRAWN

NTS 8

REVISION SCALE

SPECIFICATION

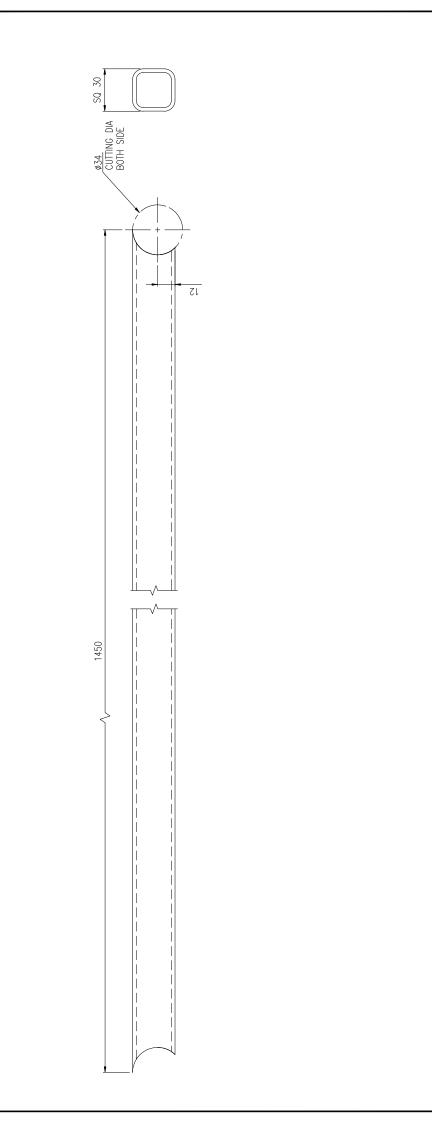
DESCRIPTION

CHECKED

DATE

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.



P01010_SQUARE SECTION 30X30X2.6_1450 LG Valmont. Walmont. Nideour industrial area india, pin-413132 DESCRIPTION

		XXX	MATERIAL	THK(mm)	
_	I	N-	09-06-2022 MATERIAL	09-06-2022 THK(mm)	
NO			-60	-60	
CRIPTI			OSS	ΛNΡ	
DES(9.			
PROD. DESCRIPTION		PART NO.	DRAWN	ENGR	

MASTER COPY

NTS 8

IS:4923(YST 210)

2.6 3.05

MMW2 09-06-2022 WEIGHT(Kgs)

CHECKED SPECIFICATION

DESCRIPTION

CHECKED

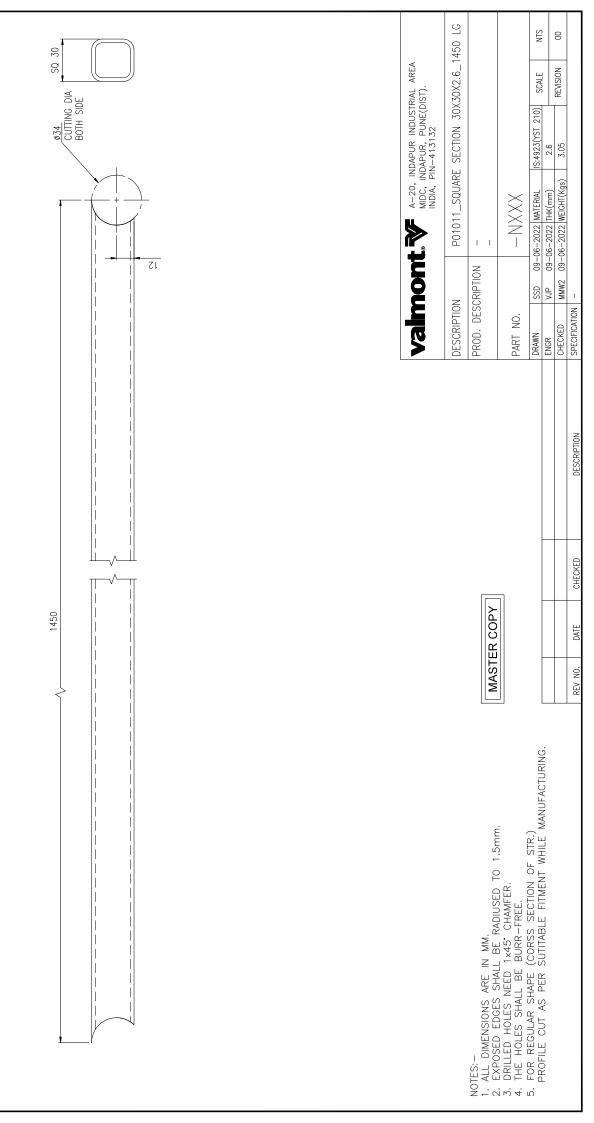
DATE

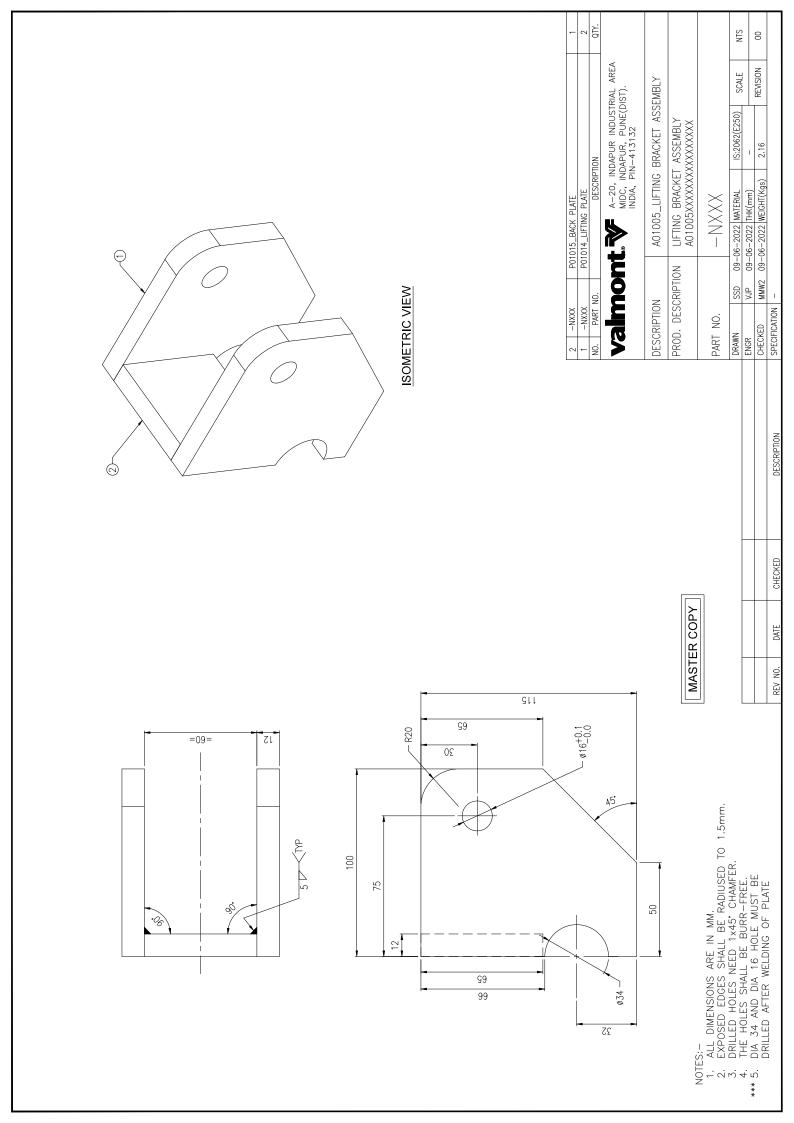
REV NO.

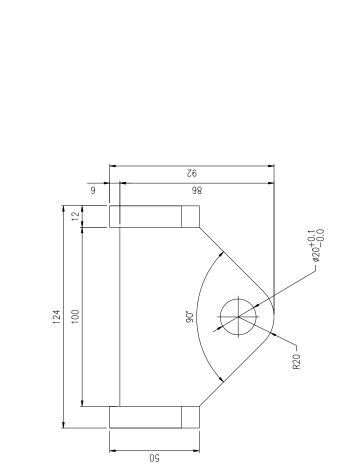
REVISION SCALE

		MANUFACTURING.
	F STR.	WHILE
	SECTION OF	FITMENT
	(CORSS S	SUTITABLE
) - 'L' D'	AR SHAPE	AS PER
	FOR REGULA	PROFILE CUT
:	5	_

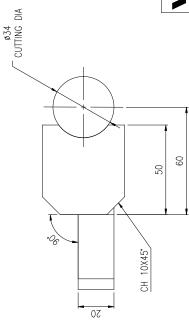
NOTES:1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1x45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.







ISOMETRIC VIEW



97

9



	MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132
DESCRIPTION	P01056_LINKAGE MOUNTING BRACKET
PROD, DESCRIPTION	LINKAGE MOUNTING BRACKET P01056XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
PART NO.	XXXN-

NTS 8

IS:2062(E250) 12/20 1.41

REVISION SCALE

MMW2 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm)

CHECKED N

DESCRIPTION

CHECKED

DATE

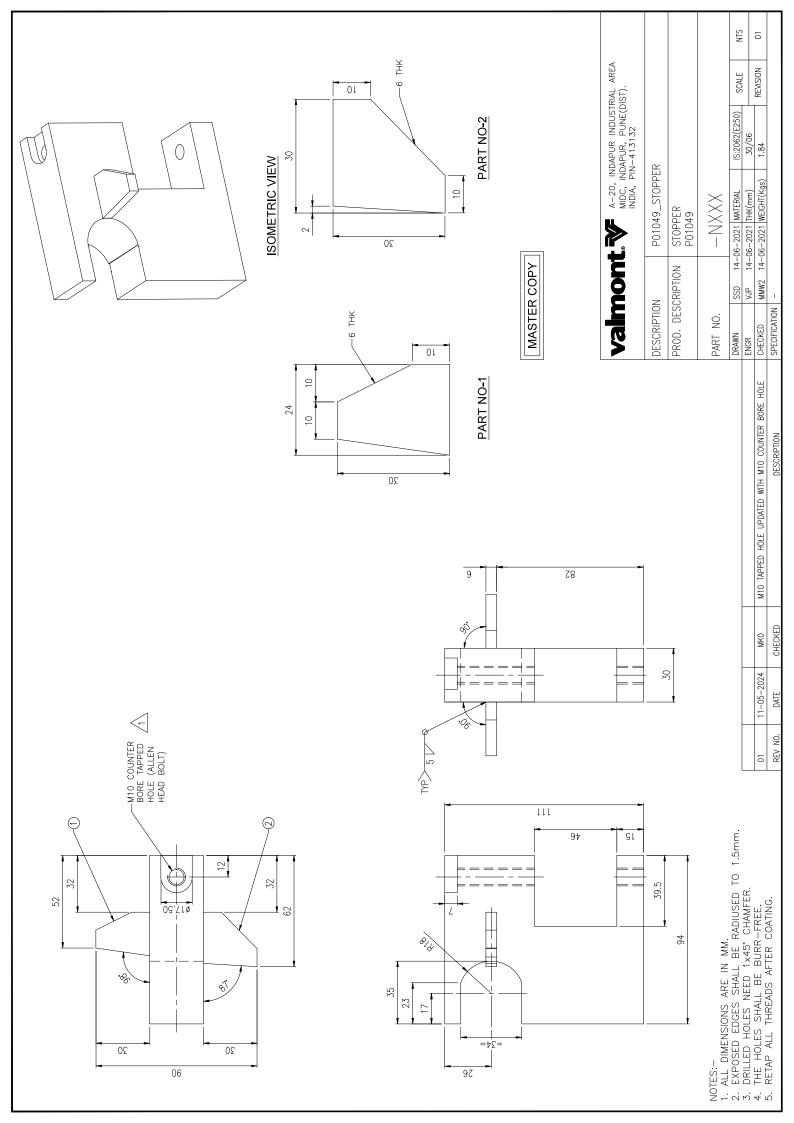
REV NO.

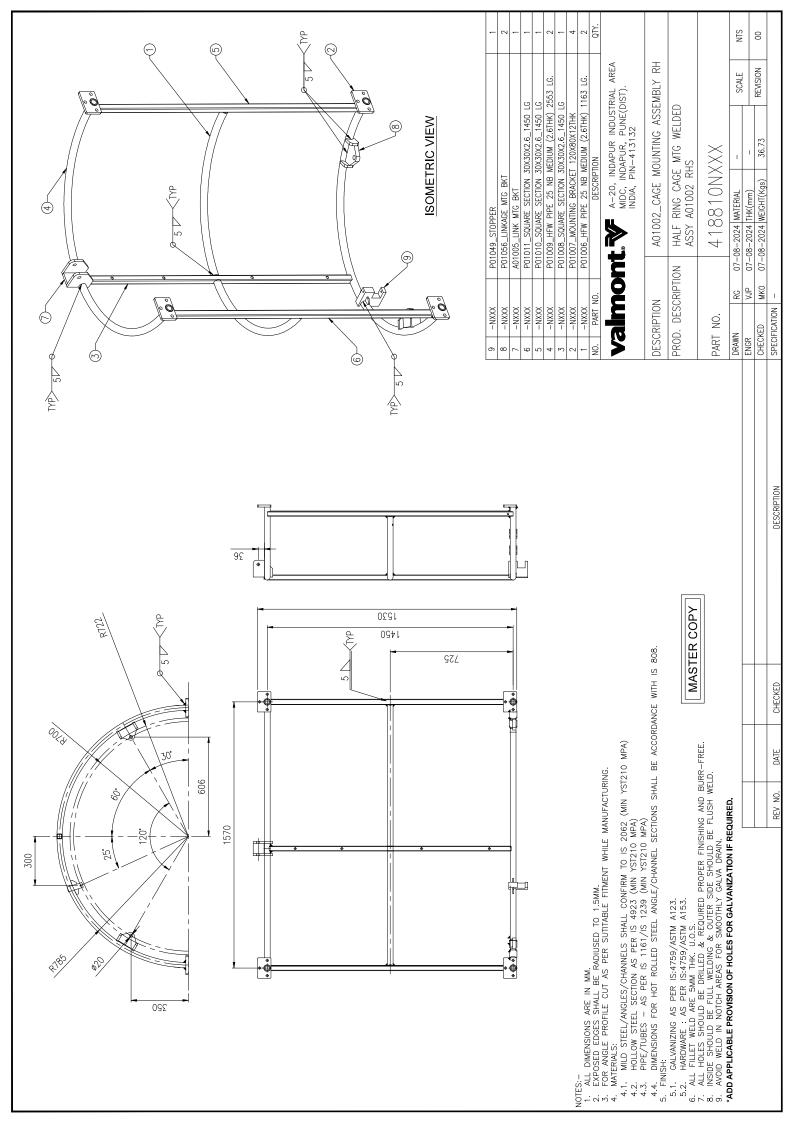
MASTER COPY

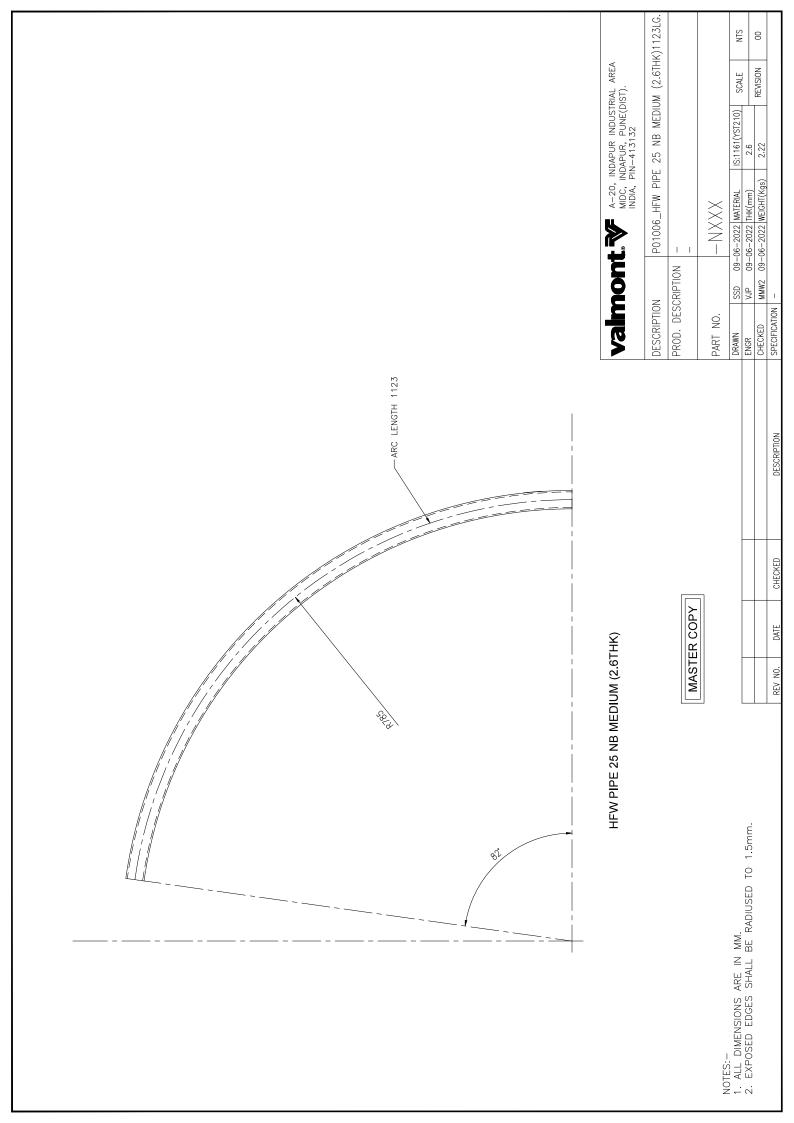
DRAWN

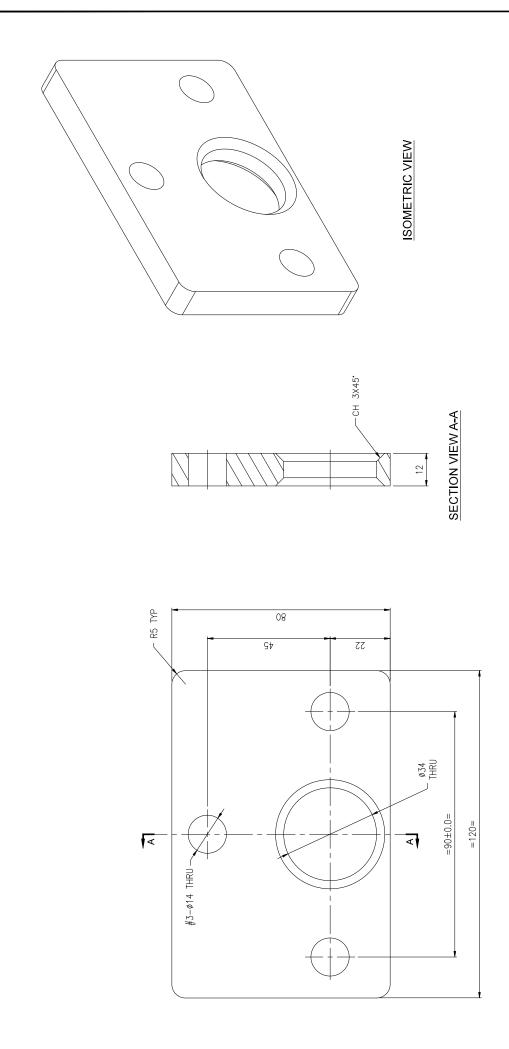
3. DRILLED HOLES NEED 1x45' CHAMFER. 4. THE HOLES SHALL BE BURR-FREE.

NOTES:-











A-20. INDAPUR INDUSTRIAL AREA

Valmont	MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132
DESCRIPTION	P01007_MOUNTING BRACKET
PROD. DESCRIPTION	MOUNTING BRACKET 120X80X12 P01007
PART NO.	XXXN-

NTS 8

IS:2062(E250) 12

SSD 09-06-2022 MATERIAL

VJP 09-06-2022 THK(mm)

MMWZ 09-06-2022 WEIGHT(Kgs)

DRAWN

CHECKED MMW SPECIFICATION –

DESCRIPTION

CHECKED

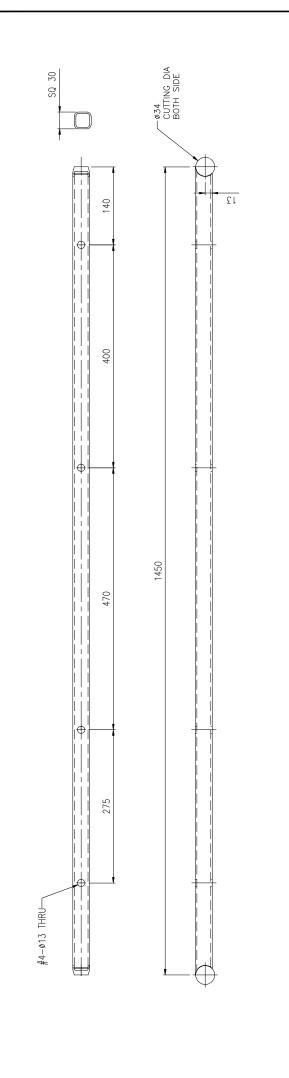
DATE

REV NO.

REVISION SCALE

шШ. NOTES:-

	1.5m		
	2		
	BE RADIUSED	HOLES NEED 1x45° CHAMFER.	BURR-FREE.
Σ	BE	×45°	3URF
\leq	\exists	_	
ARE	SHA	EED	H BE
ALL DIMENSIONS ARE IN MM.	EDGES SHALL	LES	HOLES SHALL BE
S	Ш	오	ES
DIME	EXPOSED	LED.	HOL
ALL	EXP	DRILLED	THE
<u>.</u>	2	М,	4.



A-20, INDAPUR INDUSTRIAL AREA

	Valli		>	MIDC, IND INDIA, PIN	MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132	JE(DIST).	
	DESCRIPTION		P0100	8_SQUARE	SECTION	P01008_SQUARE SECTION 30X30X2.6_1450LG	1450LG
	PROD. DESCRIPTION	RIPTION	1				
			1				
	PART NO.		XXXV—	×			
-	DRAWN	SSD 09-06-2022 MATERIAL	J6-2022 N	MATERIAL	IS:4923(YST210)	10) SCALE	NTS
	ENGR	VJP 09-(09-06-2022 THK(mm)	HK(mm)	2.6		
t						1	0

NTS 8

REVISION

2.6 3.05

MMW2 09-06-2022 WEIGHT(Kgs)

CHECKED SPECIFICATION

DESCRIPTION

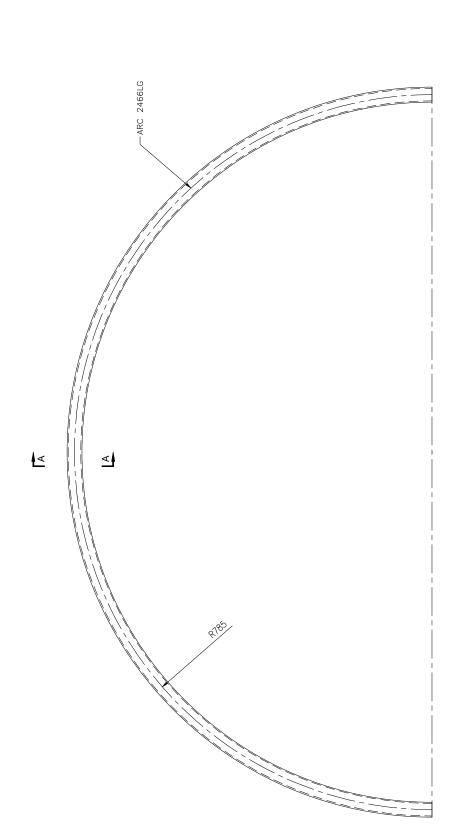
CHECKED

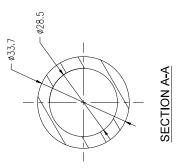
DATE

REV NO.

MASTER 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 SUTITABLE FITMENT WHILE MANUFACTURING.





MASTER COPY

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

P01009_HFW PIPE 25 NB MEDIUM(2.6THK)2466LG. PROD. DESCRIPTION DESCRIPTION

-PART NO.

IS:1161(YST210) 2.6 4.88 MK0 07-08-2024 WEIGHT(Kgs) 07-08-2024 MATERIAL 07-08-2024 THK(mm) NJP VJP SPECIFICATION CHECKED DRAWN

DESCRIPTION

CHECKED

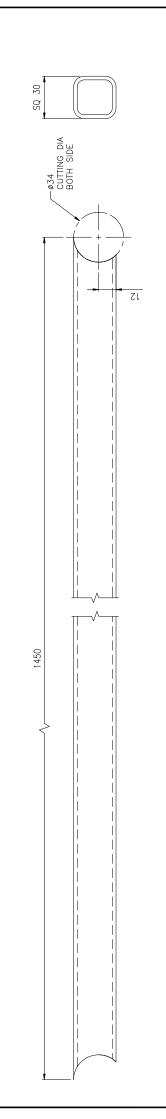
DATE

REV NO.

NTS 8

REVISION SCALE

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



IAL AREA

valmont.♥	A—20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN—413132
DESCRIPTION	P01010_SQUARE SECTION 30X30X2.6_1450 LG
PROD. DESCRIPTION	ı
	_
PART NO.	XXXN-

NTS 8

REVISION SCALE

1S:4923(YST 210) 2.6 3.05

MMW2 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm)

CHECKED SPECIFICATION

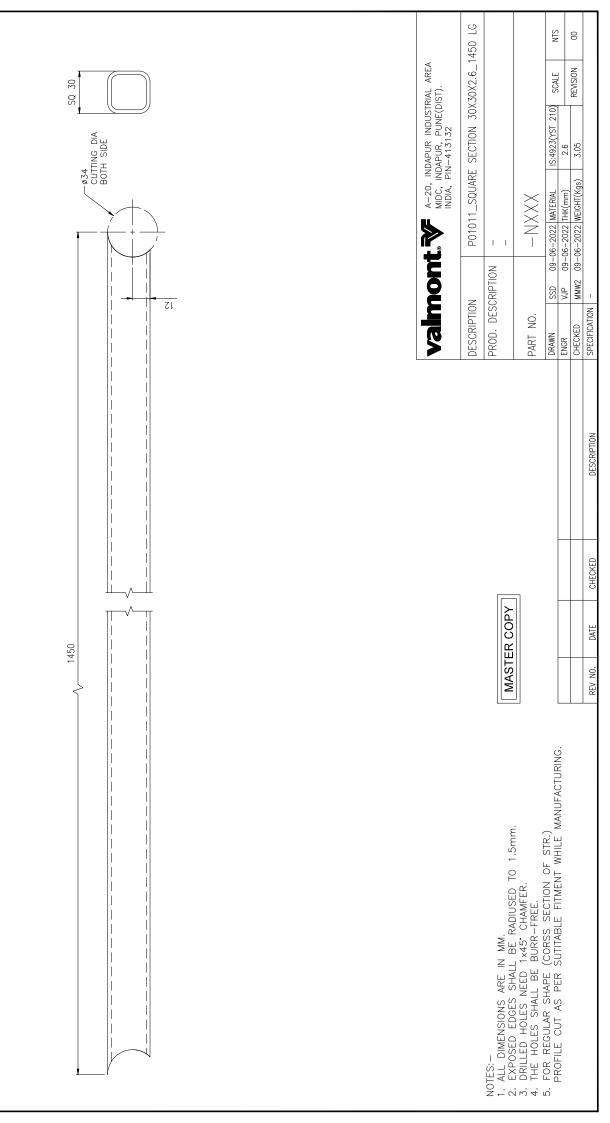
DRAWN

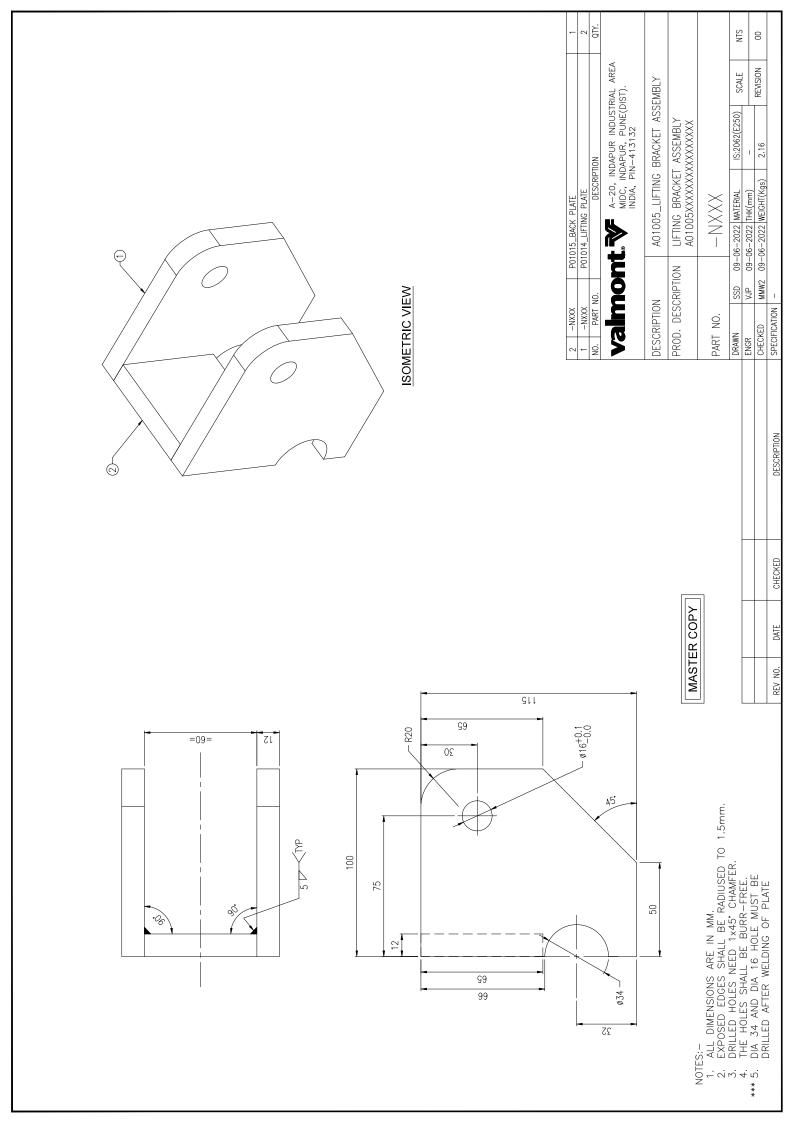
NOTES:-	
	NOTES:-

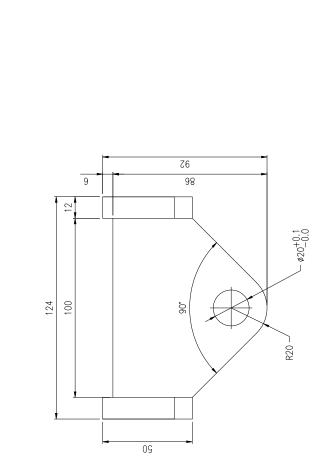
- 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
 3. DRILLED HOLES NEED 1×45° CHAMFER.
 4. THE HOLES SHALL BE BURR-FREE.

OF STR.)	T WHILE MANUFACTUR
(CORSS SECTION	R SUTITABLE FITMEN
5. FOR REGULAR SHAPE	PROFILE CUT AS PER

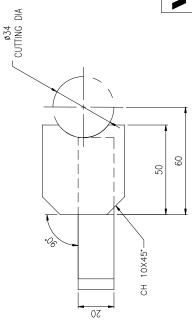
	DESCRIPTION	
	CHECKED	
	DATE	
	REV NO.	
FURING.		







ISOMETRIC VIEW



97

9



Valmont. Valmopur industrial area MIDC, INDAPUR, PUNE(DIST).

	INDIA, PIN-413132
DESCRIPTION	P01056_LINKAGE MOUNTING BRACKE
PROD. DESCRIPTION	LINKAGE MOUNTING BRACKET P01056
PART NO.	XXXV-

NTS 8

IS:2062(E250) 12/20

REVISION SCALE

MMW2 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm)

CHECKED MMW SPECIFICATION –

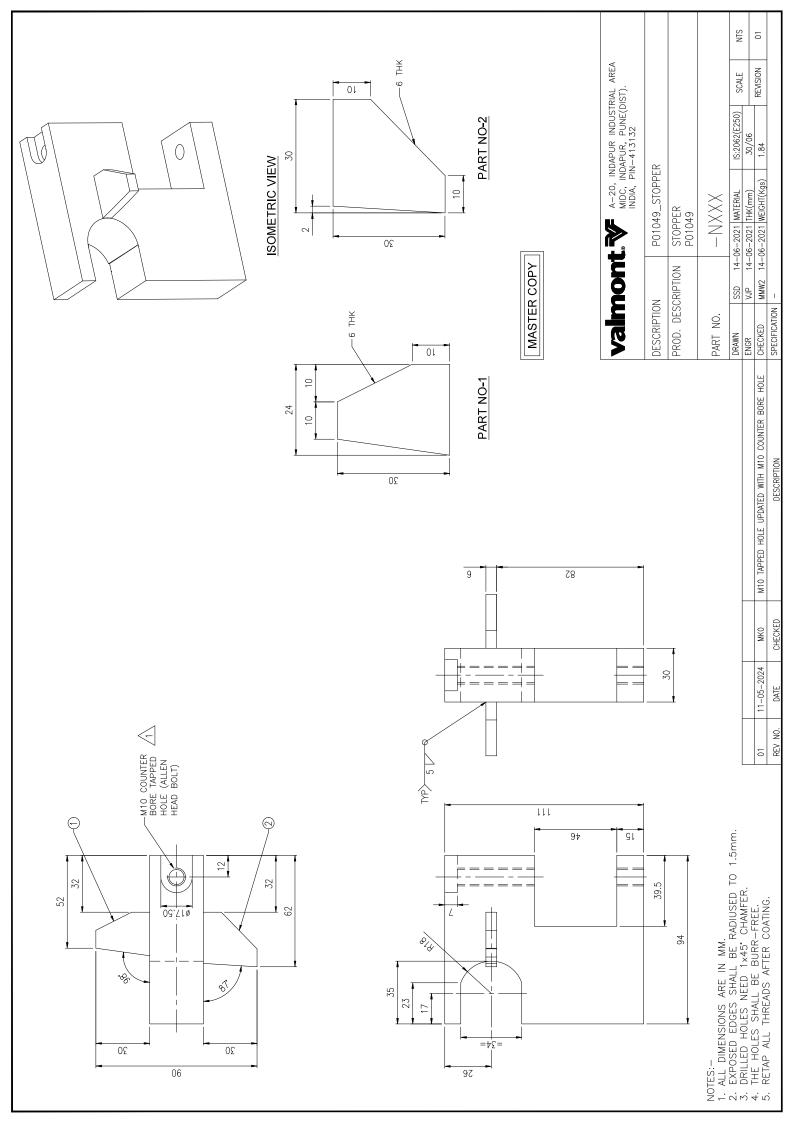
DRAWN

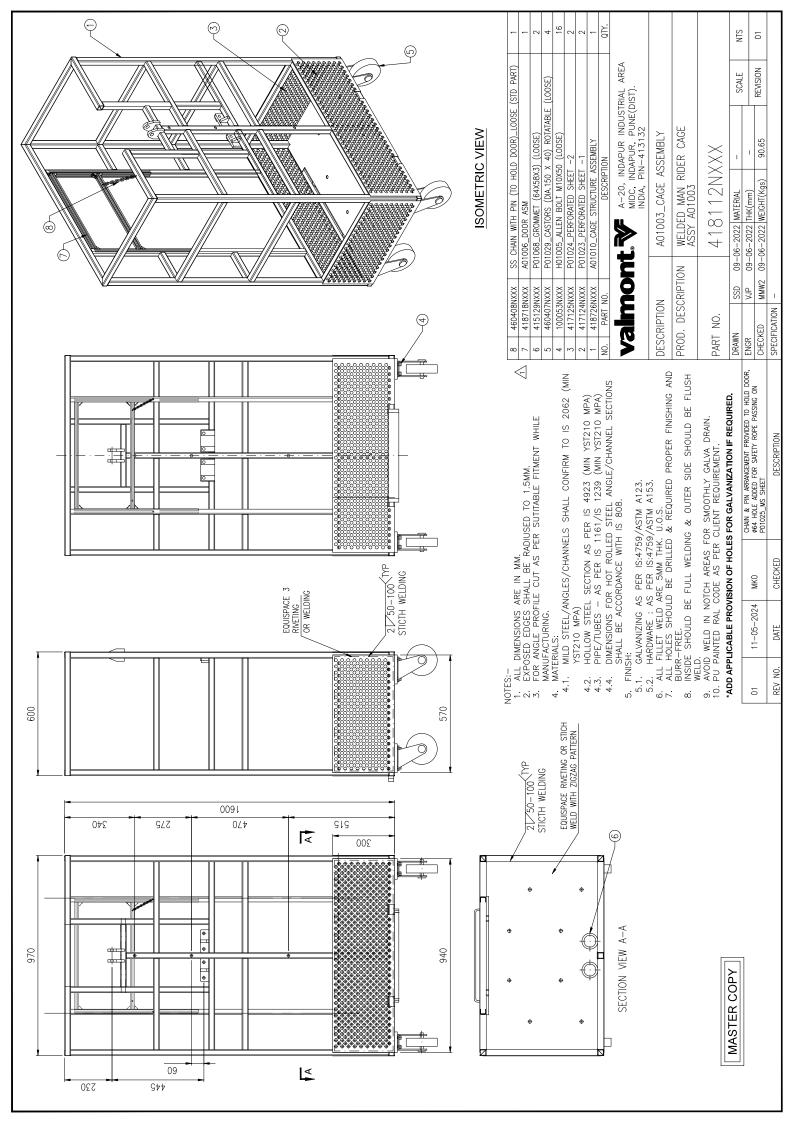
	Σ M
	Z
	ARE
ı	DIMENSIONS
	ALL
2	<u>.</u>

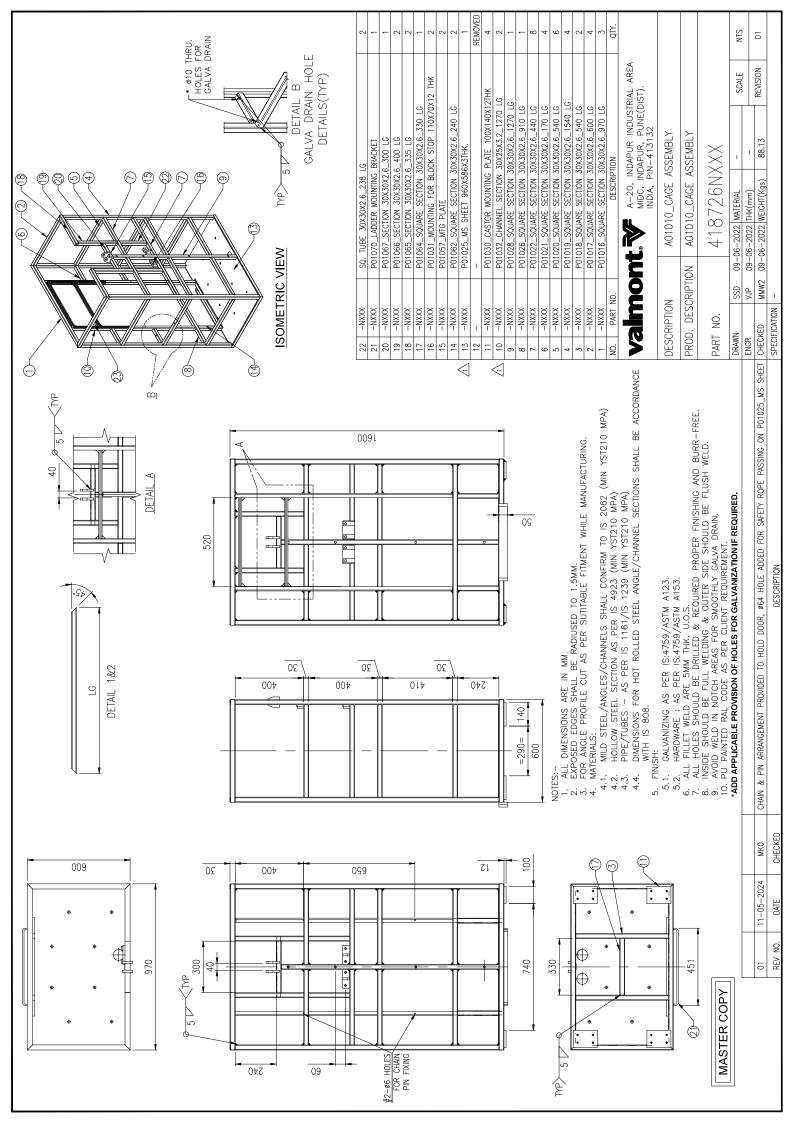
	1.5mm.	
	2	
	RADIUSED	(1)
Σ	H	·L
ARE IN	SHALL	
SNOIS	EXPOSED EDGES SHALL BE	CLIC
DIMENS	OSED	2
ALL	EXE	Č
	2	1
	_	_

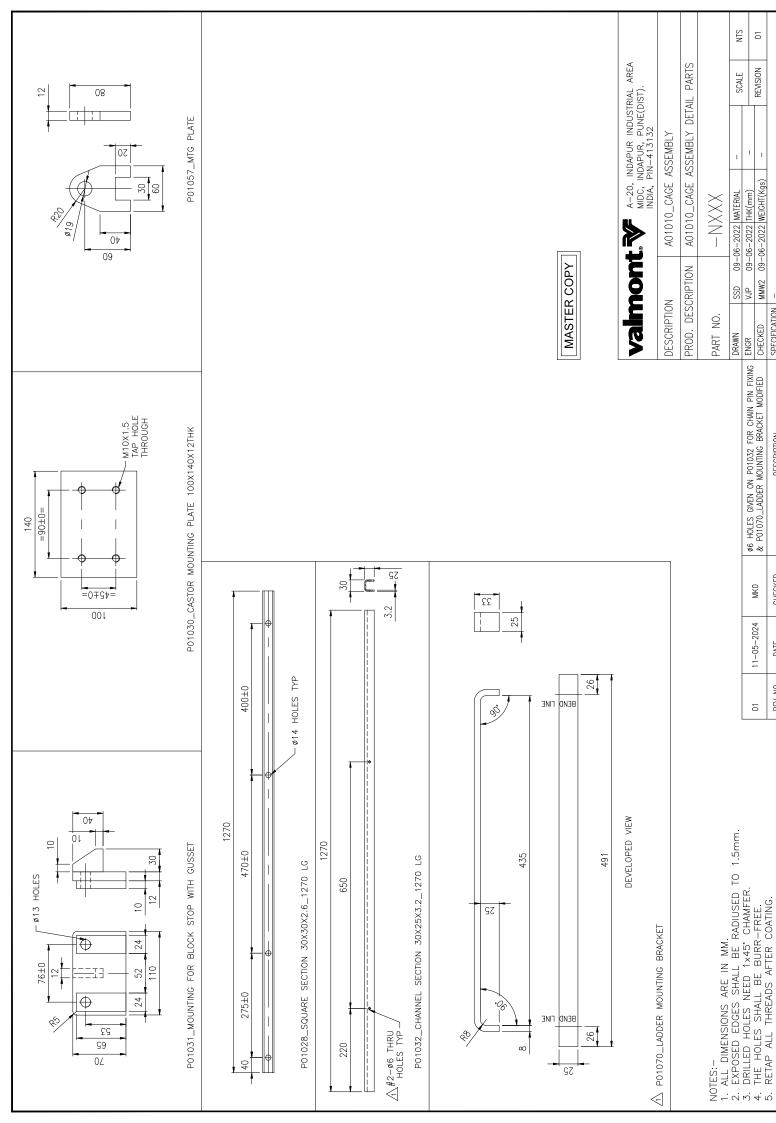
OLES. AAL DIMENSIONS ARE IN MM. EXPOSED EDGES SHALL BE RADIUSED TG DRILLED HOLES NEED 1445' CHAMFER. THE HOLES SHALL BE BURR—FREE.
--

	DESCRIPTION	
	CHECKED	
	DATE	
	REV NO.	









0

REVISION

MMW2 09-06-2022 WEIGHT(Kgs)

SPECIFICATION

DESCRIPTION

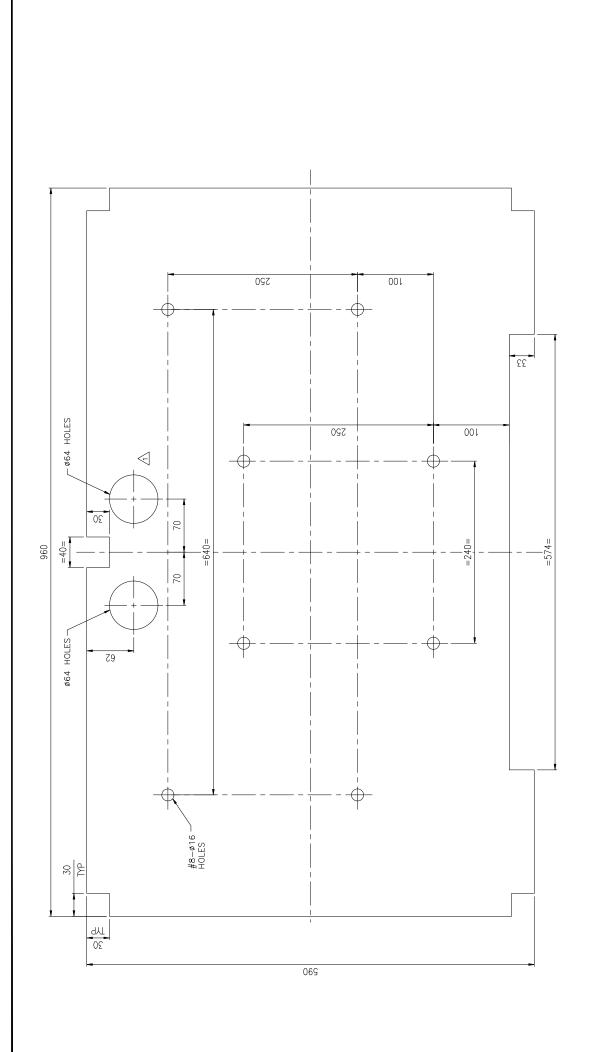
CHECKED ₩ ¥

REV NO.

11-05-2024 DATE

0

CHECKED



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

P01025_MS SHEET 960X590X3THK. P01025_MS SHEET 960X590X3THK. DESCRIPTION

 \times PROD. DESCRIPTION PART NO.

MTS 10

IS 2062 12.67

REVISION SCALE

MMW2 09-06-2022 WEIGHT(Kgs) 09-06-2022 MATERIAL 09-06-2022 THK(mm)

SPECIFICATION

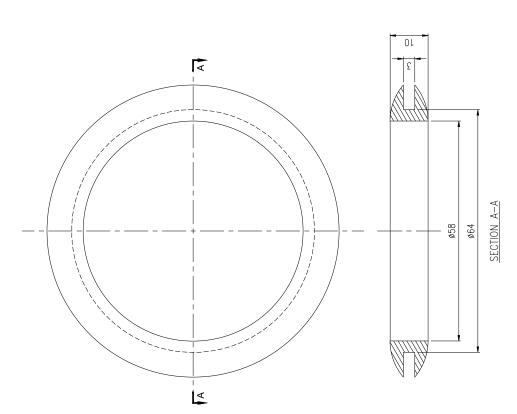
CHECKED

SSD

DRAWN

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.

DESCRIPTIC	CHECKED	DATE	REV NO.
ø64 HOLE ADDED FOR SAFETY ROPE PASSING	MKO	11-05-2024	01



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

P01068_GROMMET 64X58X3.

GROMMET ID 58 TO SUIT 3MM PLT 64 OD HOLE (P01068) 415129NXXX PROD. DESCRIPTION DESCRIPTION PART NO.

MASTER COPY

MMW2 09-06-2022 WEIGHT(Kgs) SSD 09-06-2022 MATERIAL VJP 09-06-2022 THK(mm) CHECKED SPECIFICATION DRAWN DESCRIPTION

CHECKED

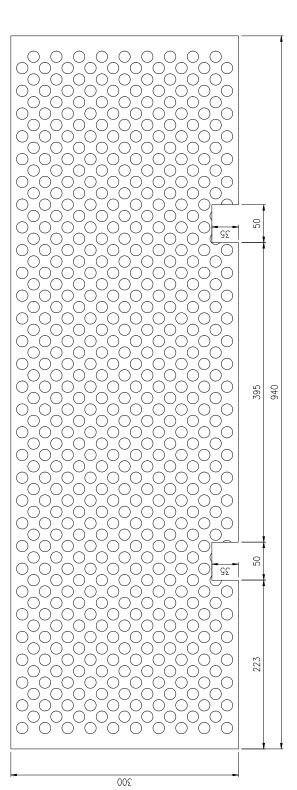
DATE

REV NO.

NTS 8

REVISION SCALE

NOTES:-1. ALL DIMENSIONS ARE IN MM.



PERFORATED SHEET 2 THK

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

P01023_PERFORATED SHEET-1 SHEET-1 P01023_PERFORATED PROD. DESCRIPTION DESCRIPTION

417124NXXX PART NO.

NTS 8

SCALE REVISION

IS 2062 2.66

09-06-2022 WEIGHT(Kgs) 09-06-2022 MATERIAL 09-06-2022 THK(mm)

MMW2

CHECKED DRAWN ENGR

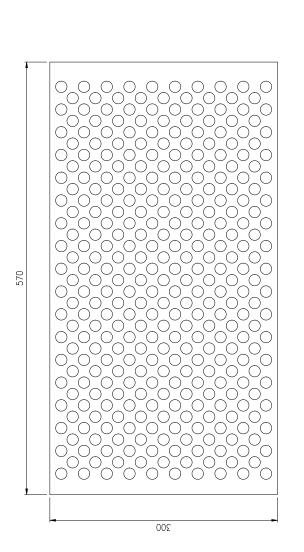
SPECIFICATION

SSD

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 BURNE-FREE.
5. PERFORATED SHEET CONSISTS OF 60 DEGREE STAGGERED CIRCULAR HOLES WITH ABOUT 40% OPEN AREA.

NOTES:-

CHECKED DATE REV NO.



PERFORATED SHEET 2 THK

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

P01024_PERFORATED SHEET-2 P01024_PERFORATED SHEET-2 PROD. DESCRIPTION DESCRIPTION

417125NXXX PART NO.

NTS 8

IS 2062 1.61

REVISION SCALE

MMWZ 09-06-2022 WEIGHT(Kgs) 09-06-2022 MATERIAL 09-06-2022 THK(mm)

SPECIFICATION

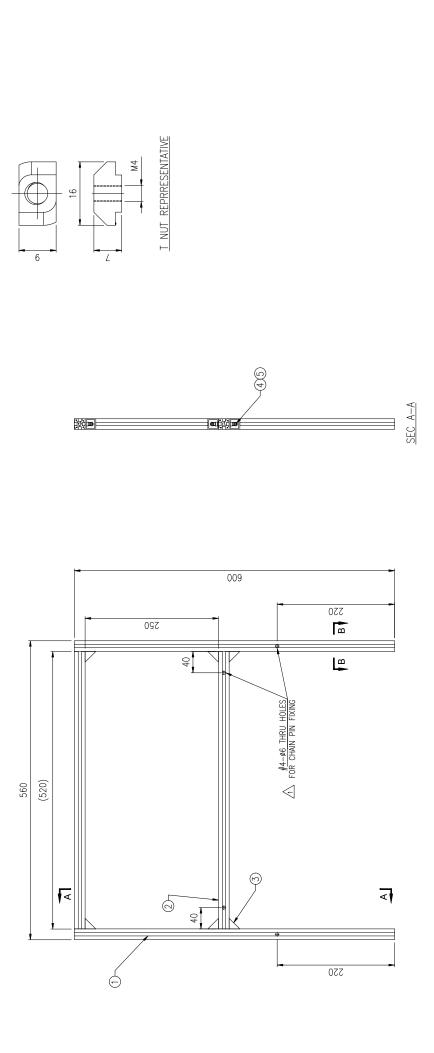
CHECKED DRAWN ENGR

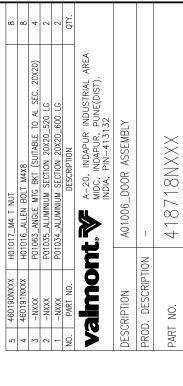
SSD

DESCRIPTION CHECKED DATE REV NO. 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 BURNE-FREE.
5. PERFORATED SHEET CONSISTS OF 60 DEGREE STAGGERED CIRCULAR HOLES WITH ABOUT 40% OPEN AREA.

MASTER COPY

NOTES:-





NTS 0

SCALE

ALUMINIUM

REVISION

1.78

MMW2 09-06-2022 WEIGHT(Kgs) 09-06-2022 MATERIAL 09-06-2022 THK(mm)

SPECIFICATION

CHECKED DRAWN ENGR

SSD

NOTES:-

MASTER COPY

SEC B-B

70

ALL DIMENSIONS ARE IN MM.

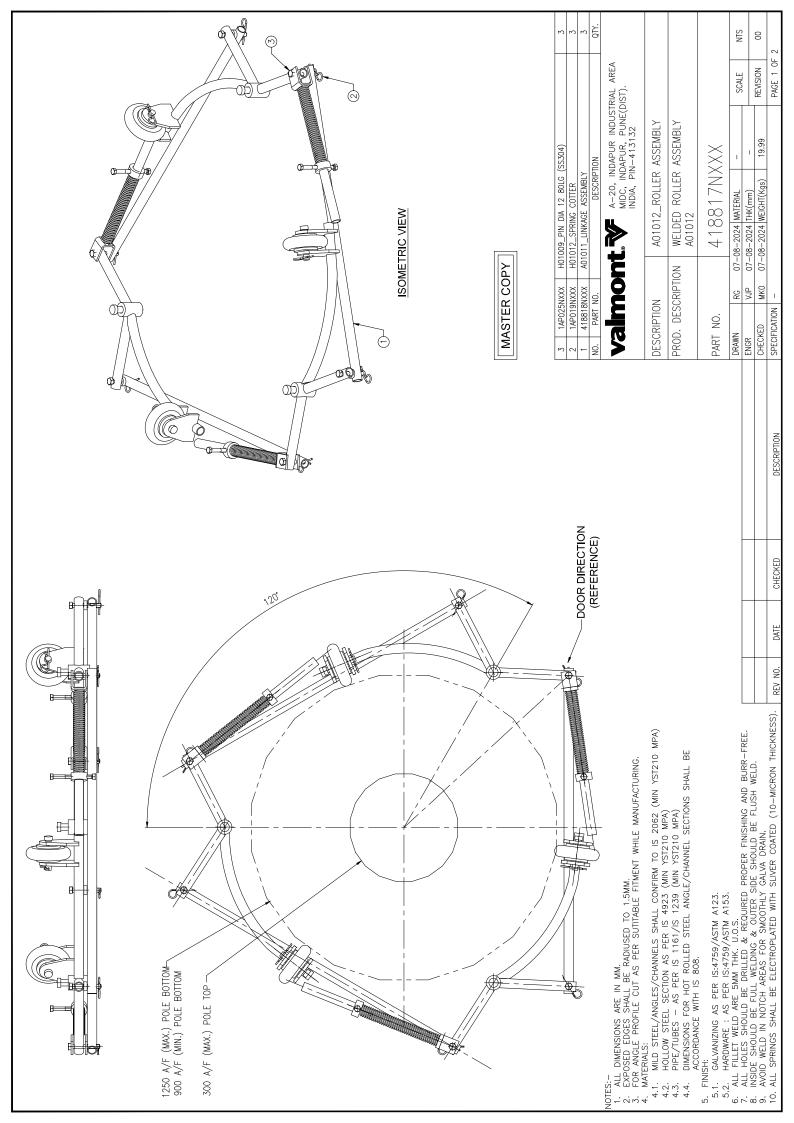
EXPOSED EDGES SHALL BE RADIUSED TO 1.5MM.

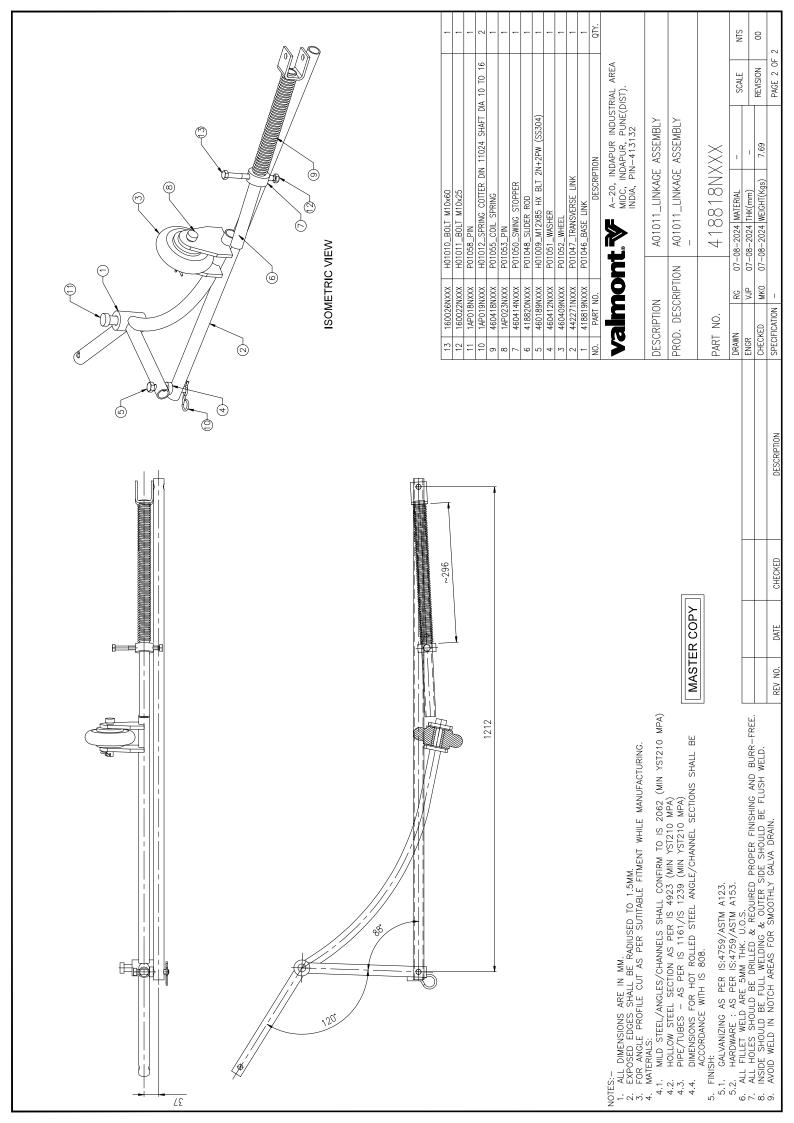
DRILLED HOLES NEED 1X45' CHAMFER.

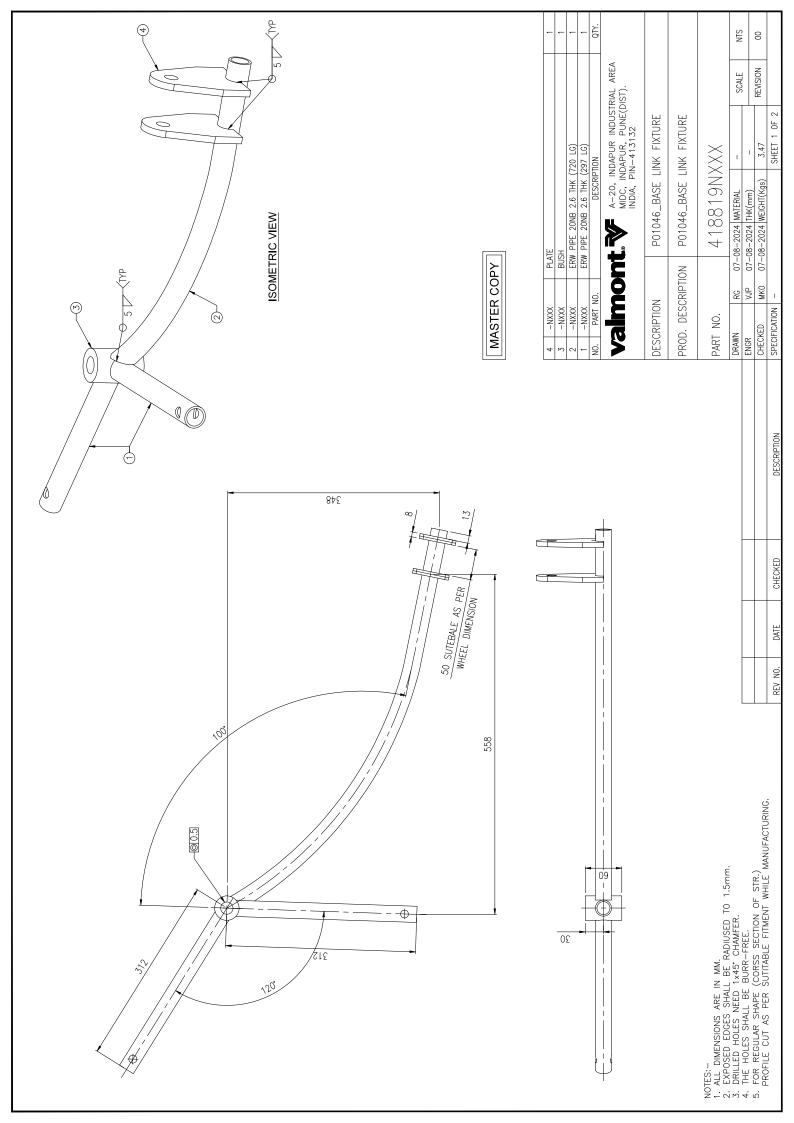
THE HOLES SHALL BE BURK-FREE.

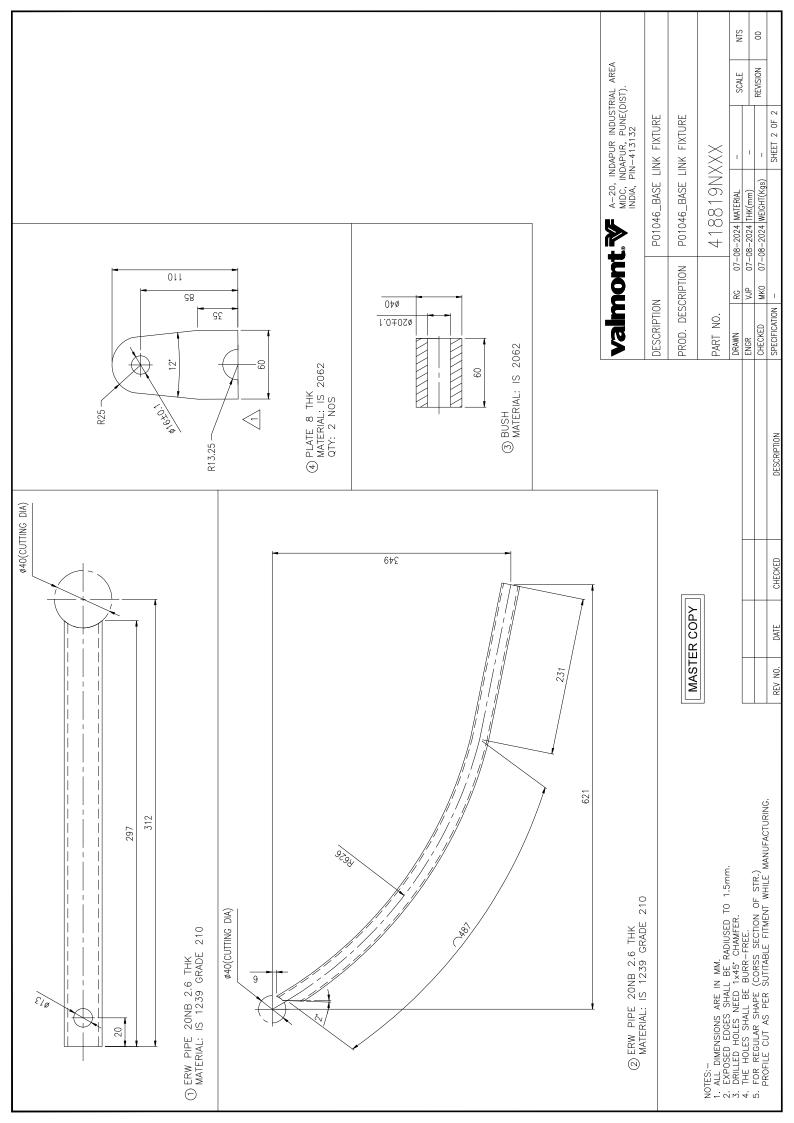
RETAPING THREADS AFTER COATING.
FOR T-NUT ANGLE MTG BKT, AND SQ SECTION REFER MAKE PHOENIX MECANO (REFERENCE ONLY) -. 6. 6. 4. 6. 6.

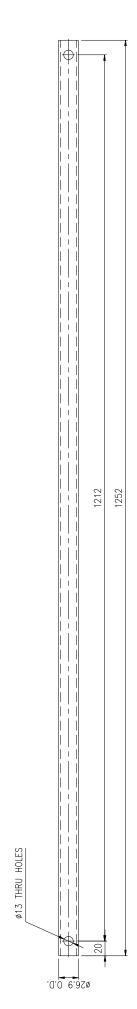
ø6 HOLES GIVEN FOR CHAIN PIN FIXING	DESCRIPTION	
MKO	CHECKED	
11-05-2024	DATE	
10	REV NO.	











PIPE 20NBx2.6 THK MATL: IS 1161 YST 210

MASTER COPY

A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132	P01047_TRANSVERSE LINK	P01047_TRANSVERSE LINK
valmont.▼	DESCRIPTION PO	PROD. DESCRIPTION PO

NTS 8

IS:1161(YST 210) 2.6 1.95

442271NXXX

PART NO.

DRAWN

REVISION SCALE

07-08-2024 WEIGHT(Kgs) 07-08-2024 MATERIAL 07-08-2024 THK(mm)

MKO RG VJP

CHECKED SPECIFICATION

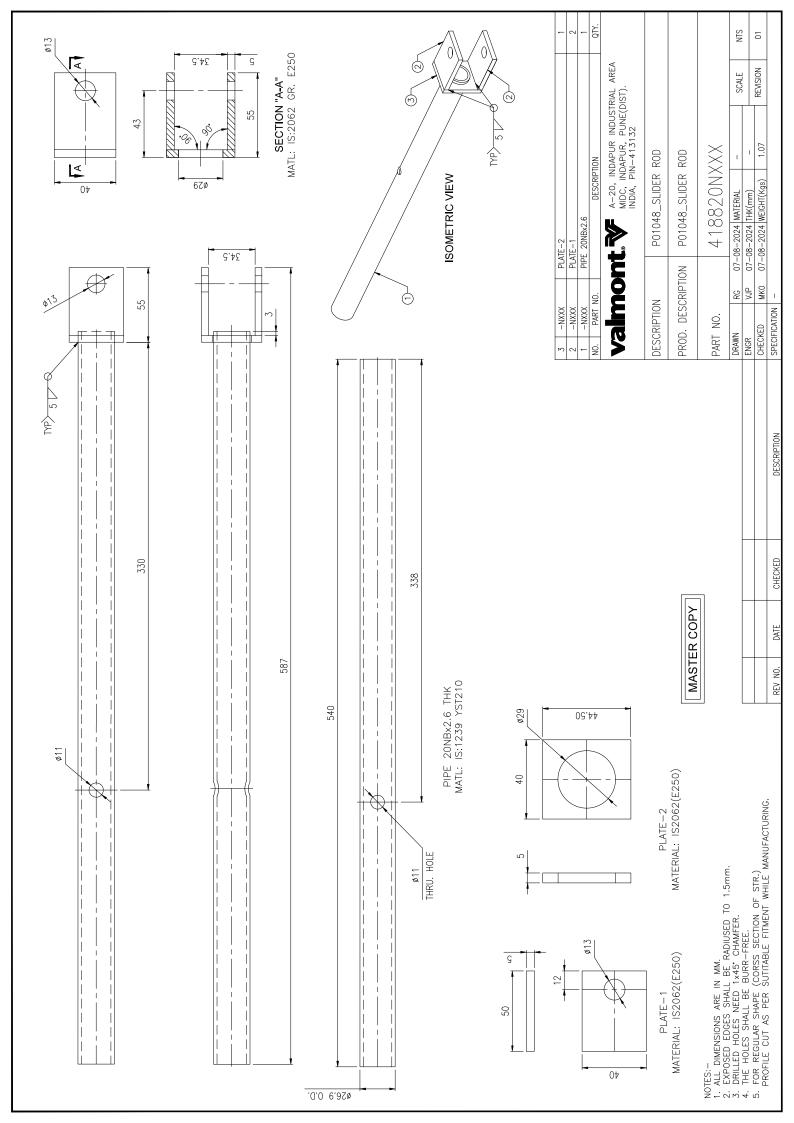
DESCRIPTION

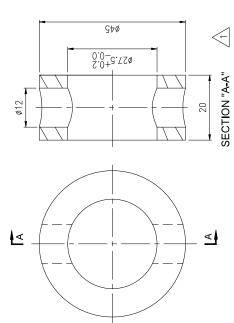
CHECKED

DATE

REV NO.

NOTES:1. ALL DIMENSIONS ARE IN MM.
2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm.
3. DRILLED HOLES NEED 1.45° CHAMFER.
4. THE HOLES SHALL BE BURR-FREE.







	MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132
ESCRIPTION	P01050_SWING STOPPER
ROD. DESCRIPTION	P01050_SWING STOPPER
ART NO.	460414NXXX

NTS 10

IS:2062 GR. E250 ø45 0.15

REVISION SCALE

MMW2 10-06-2022 WEIGHT(Kgs) SSD 10-06-2022 MATERIAL VJP 10-06-2022 THK(mm)

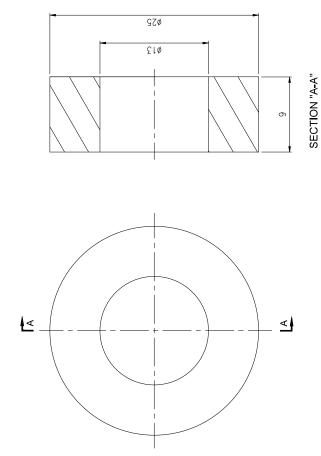
CHECKED SPECIFICATION

DRAWN

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 STALL BE BURR-FREE.
PROFILE CUT AS PER SUTITABLE FITMENT WHILE MANUFACTURING.

ID CHANGED	DESCRIPTION	
MK0	CHECKED	
11-05-2024	DATE	
10	REV NO.	

MASTER COPY





AREA

valmont.▼	A-20, INDAPUR INDUSTRAL AF MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132
DESCRIPTION	P01051_NYLON WASHER
PROD. DESCRIPTION	P01051_NYLON WASHER
PART NO.	460412NXXX

NTS 8

NALON

SSD 10-06-2022 MATERIAL VJP 10-06-2022 THK(mm) MMWZ 10-06-2022 WEIGHT(Kgs)

DRAWN

CHECKED MMW SPECIFICATION –

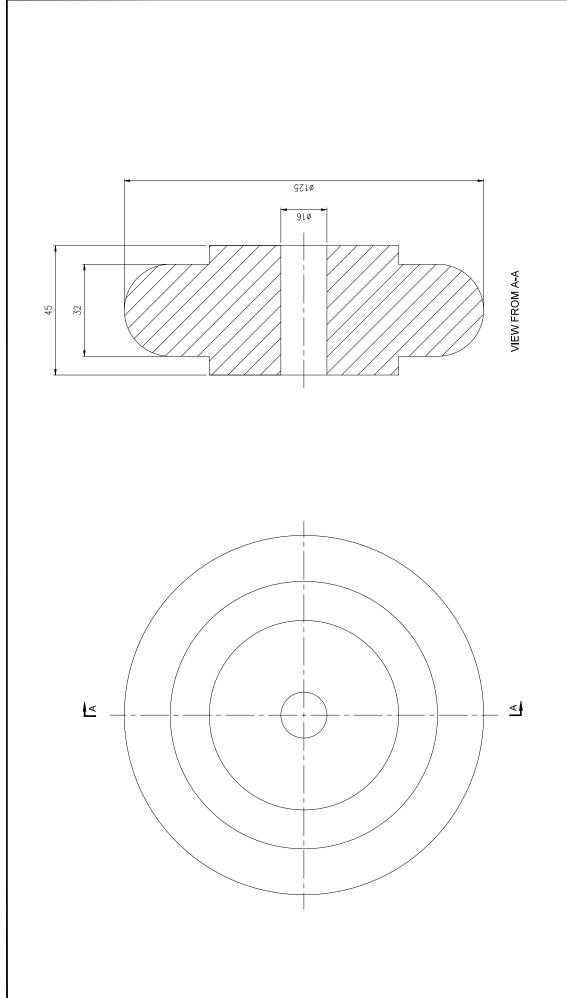
REVISION SCALE

	MM.
	\leq
	ARE
1	DIMENSIONS
VOTES:-	ALL
Z	<u>_</u>

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

	DESCRIPTION	
	CHECKED	
	DATE	
	REV NO.	

MASTER COPY



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

	DESCRIPTION	_	P01052_WHEEL		
	PROD. DESCRIPTION	SRIPTION	P01052_WHEEL		
	PART NO.		460409NXXX	×	
	DRAWN	SSD 10-(10-06-2022 MATERIAL	NAFON	5
	ENGR	VJP 10-(10-06-2022 THK(mm)	1	5
۲					

MASTER COPY

NTS 8

REVISION SCALE

MMW2 10-06-2022 WEIGHT(Kgs) SSD 10-06-2022 MATERIAL VJP 10-06-2022 THK(mm)

CHECKED P

DESCRIPTION

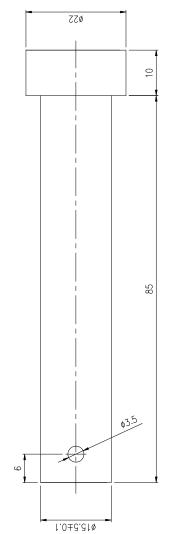
CHECKED

DATE

REV NO.

	J	NOTES:-
	<u>.</u>	ALL DIMENSIONS ARE IN MM.
	2	EXPOSED EDGES SHALL BE RADIUS
_	7	

NOIES:- 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 a-20, INDAPUR, INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132 PIN DIA 15.5 85LG SS304 P01053 P01053_PIN PROD. DESCRIPTION DESCRIPTION

> DESCRIPTION CHECKED DATE

> > REV NO.

NTS 8

S:2062 GR. E250

1AP023NXXX

PART NO.

MASTER COPY

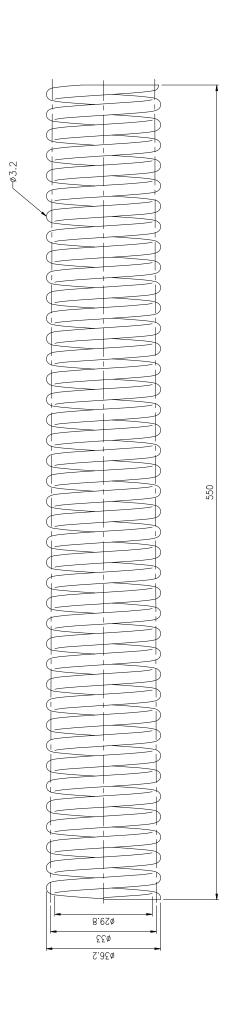
NOTES:— 1. ALL DIMENSIONS ARE IN MM. 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm. 3. DRILLED HOLES NEED 1x45* CHAMFER. 4. THE HOLES SHALL BE BURR—FREE.

REVISION SCALE

MMW2 10-06-2022 WEIGHT(Kgs) SSD 10-06-2022 MATERIAL VJP 10-06-2022 THK(mm)

SPECIFICATION

CHECKED DRAWN



SR.NO	. PARAMETER	IINN	SPRING 1
1	WIRE DIA	MM	3.2
2	MEAN DIA	MM	33
3	NO. OF ACTIVE COILS		30
4	FREE LENGTH	MM	550
5	SPRING RATE	MW/N	0.97
9	MAX TRAVEL	MM	296
7	MAX FORCE	z	288
8	COIL END (BOTH SIDES)		CLOSED & GROUND

MASTER COPY

Valmont. A -20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132 P01055_COIL SPRING P01055_COIL SPRING 460418NXXX PROD. DESCRIPTION DESCRIPTION

NTS 8

REVISION SCALE

07-08-2024 WEIGHT(Kgs) 07-08-2024 MATERIAL 07-08-2024 THK(mm)

CHECKED SPECIFICATION

DESCRIPTION

CHECKED

DATE

REV NO.

RG VJP MKO

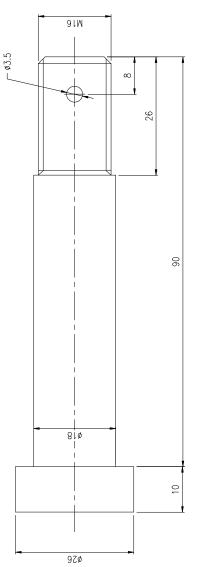
DRAWN

PART NO.

	RCE.	OF SPRING.	
	MAXIMUM FORCE.	2. SPRING SAGGING SHOULD NOT BE MORE THAN 5mm AFTER REPEATED FULL TRAVEL OF SPRING.	HICKNESS).
	TO SUSTAIN	REPEATED FL	D-MICRON TH
	1. MATERIAL TO BE DECIDED BY SUPPLIER WHICH IS SUITABLE TO SUSTAIN MAXIMUM	5mm AFTER	3. SPRINGS SHALL BE ELECTROPLATED WITH SLIVER COATED (10-MICRON THICKNESS).
	NHICH I	RE THAN	ITH SLIVEF
	Y SUPPLIEI	OT BE MOI	PLATED W
	DECIDED BY	SHOULD N	SE ELECTRO
	L TO BE I	SAGGING	S SHALL E
NOTES:-	 MATERIA 	2. SPRING	3. SPRING

-	THICK
	10-MICRON
	COATED (
	4 SLIVER
1	ED WITH
	3. SPRINGS SHALL BE ELECTROPLATED WITH SLIVER COATED (10-MICRON THIC!
	SHALL BE
2 0 0 0 1	SPRINGS
;	М,

S
ίÒ
Ë
=
\sim
×
\circ
=
RON THIC
Z
$\overline{}$
\approx
<u></u>
\circ
₹
-
\circ
10-MIC
ш
$\overline{}$
≤.
\circ
\circ
_
VER
ш.
ш
>
S
$\overline{\Omega}$
٠,
WITH SLIVER COATE
=
>
_
_
TED
ш
⊢.
⋖
_
Ω.
\circ
\approx
_
5
\sim
BE ELECTROPLATED W
ш
BE
ш
m
_
- 1
7
¥
S
S
C
$\stackrel{\sim}{\sim}$
\leq
SPRINGS
n
7
0,



Valmont. Wallo, INDAPUR, PUNE(DIST).

	INDIA, PIN-413132
DESCRIPTION	P01058_PIN
PROD. DESCRIPTION	STEP PIN WITH M16 THREAD 100MM LG SS304 P01058
PART NO.	1AP018NXXX

NTS 8

SS 304

REVISION SCALE

MMW2 10-06-2022 WEIGHT(Kgs) SSD 10-06-2022 MATERIAL VJP 10-06-2022 THK(mm)

CHECKED N

DESCRIPTION

CHECKED

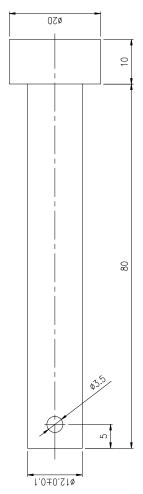
DATE

REV NO.

MASTER COPY

DRAWN

NOTES:-	
FXPOS	L L
1000	7



A-20, INDAPUR INDUSTRIAL AREA

	MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132
DESCRIPTION	H01009_PIN
PROD. DESCRIPTION	PIN DIA 12 80LG SS304 H01009 WITH HOLE 3.5 DI
PART NO.	1AP025NXXX

NTS 8

SS304

REVISION SCALE

MMW2 10-06-2022 WEIGHT(Kgs) SSD 10-06-2022 MATERIAL VJP 10-06-2022 THK(mm)

CHECKED SPECIFICATION

DESCRIPTION

CHECKED

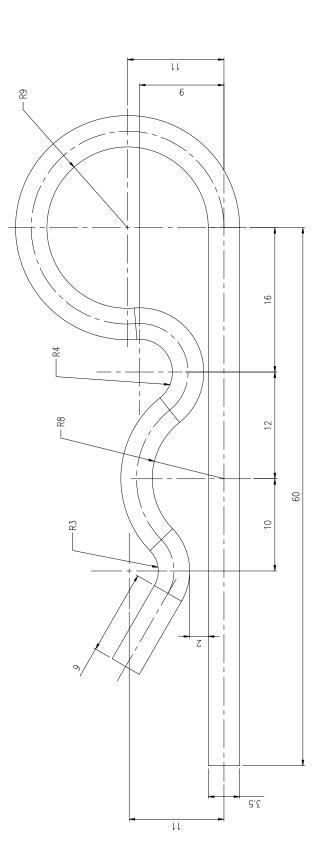
DATE

REV NO.

MASTER COPY

DRAWN

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.

MIDC, INDAPUR, PUNE(DIST), INDIA. PIN-413132

DESCRIPTION H01012_SPRING COTTER	DEPART DESCRIPTION WIRE DIA 3.5 SPRG COTR	DIN 11024 FOR SFT 10-16	PART NO. 1APD19NXXX
----------------------------------	---	-------------------------	---------------------

NTS 8

SS304/SS316 0.012

REVISION SCALE

MMW2 11-04-2022 WEIGHT(Kgs) SSD 11-04-2022 MATERIAL VJP 11-04-2022 THK(mm)

CHECKED SPECIFICATION

DESCRIPTION

CHECKED

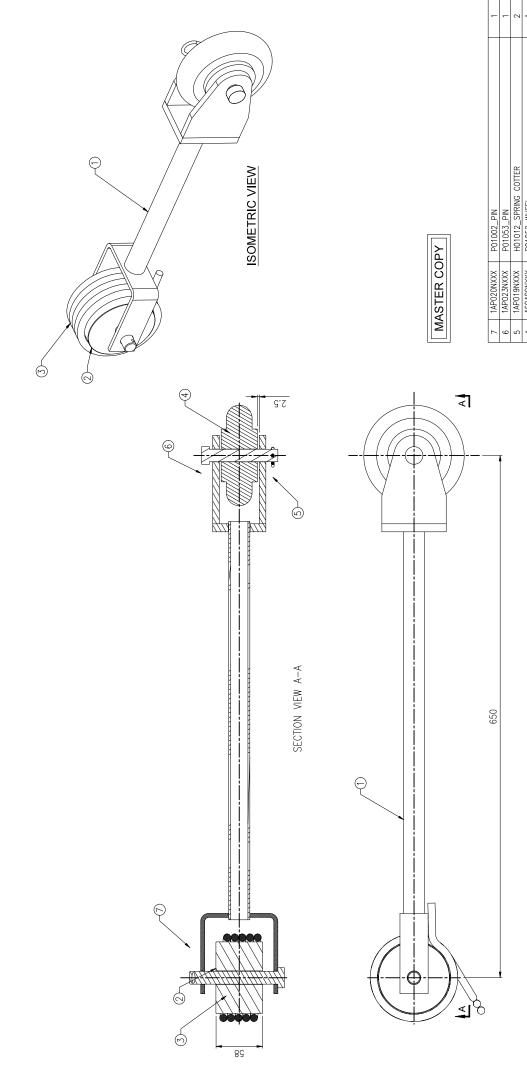
DATE

REV NO.

DRAWN

MASTER COPY

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



QTY.	DESCRIPTION	PART NO.	NO.
1	P01059_TORSION LINK	418813NXXX	-
1	P01060_NYLON BLOCK	460410NXXX	2
-	P01061_TORSION SPRING	460411NXXX	3
1	P01052_WHEEL	460409NXXX	4
2	H01012_SPRING COTTER	1AP019NXXX	2
1	P01053_PIN	1AP023NXXX	9
1	P01002_PIN	1AP020NXXX	7

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

DESCRIPTION	_	A01013_SUPPORT WHEEL ASSEMBLY
PROD. DESCRIPTION	CRIPTION	WELDED SUPPORT WHEEL ASSY A01013XXXXXXXXXXXXXXXXX
PART NO.		418812NXXX
DRAWN	RG 07-0	07-08-2024 MATERIAL - SCALF NTS
00000		

00

REVISION

4.38

07-08-2024 WEIGHT(Kgs)

MK0 ΛNΡ

SPECIFICATION CHECKED ENGR

07-08-2024 |THK(mm)

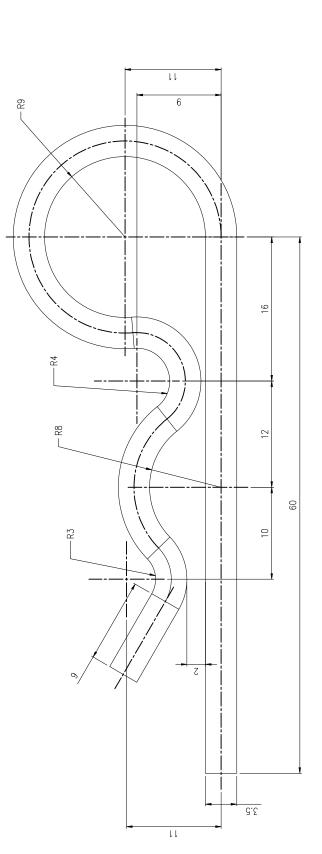
MILD STEEL/ANGLES/CHANNELS SHALL CONFIRM TO IS 2062 (MIN YST210 MPA) HOLLOW STEEL SECTION AS PER IS 4923 (MIN YST210 MPA) PIPE/TUBES – AS PER IS 1161/IS 1239 (MIN YST210 MPA)

ALL DIMENSIONS ARE IN MM.
 EXPOSED EDGES SHALL BE RADIUSED TO 1.5MM.
 FOR ANGLE PROFILE CUT AS PER SUTITABLE FITMENT WHILE MANUFACTURING.
 MATERIALS.

DIMENSIONS FOR HOT ROLLED STEEL ANGLE/CHANNEL SECTIONS SHALL BE ACCORDANCE WITH IS 808.

5. FINISH:
5.1. GALVANIZING AS PER IS:4759/ASTM A123.
5.2. HARDWARE: AS PER IS:4759/ASTM A153.
6. ALL FILLET WELD ARE SMM THK. U.O.S.
7. ALL HOLES SHOULD BE DRILLED & REQUIRED PROPER FINISHING AND BURR-FREE.
8. INSIDE SHOULD BE FULL WELDING & OUTER SIDE SHOULD BE FLUSH WELD.
9. AVOID WELD IN NOTCH AREAS FOR SMOOTHLY GALVA DRAIN.
10. ALL SPRINGS SHALL BE ELECTROPLATED WITH SLIVER COATED (10-MICRON THICKNESS).

DESCRIPTION CHECKED DATE REV NO.



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

WIRE DIA 3.5 SPRG COTR DIN 11024 FOR SFT 10-16 H01012_SPRING COTTER PROD. DESCRIPTION DESCRIPTION

1AP019NXXX PART NO.

NTS 00

REVISION SCALE

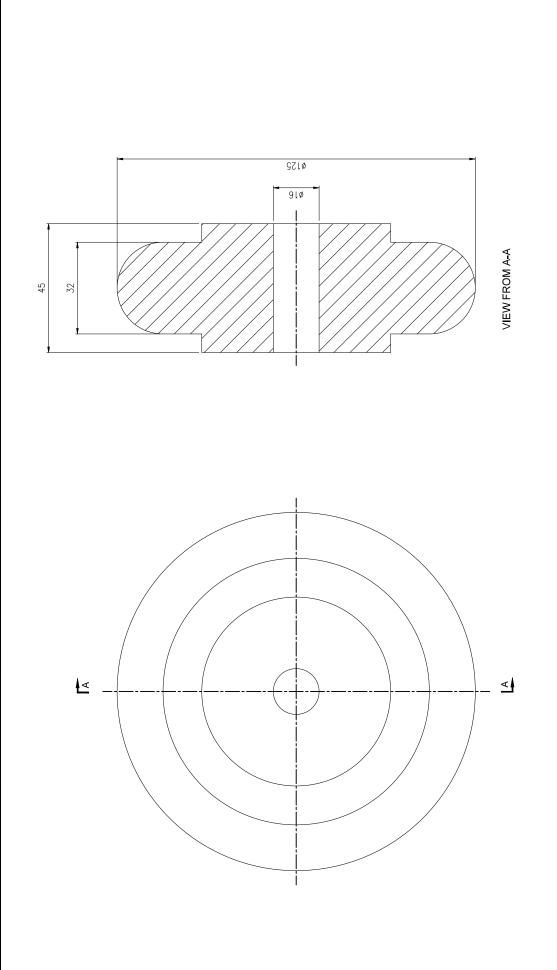
MMW2 10-06-2022 WEIGHT(Kgs) 10-06-2022 MATERIAL 10-06-2022 THK(mm) SSD SPECIFICATION CHECKED DRAWN DESCRIPTION CHECKED

DATE

REV NO.

MASTER COPY

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





P01052_WHEEL P01052_WHEEL PROD. DESCRIPTION DESCRIPTION

460409NXXX PART NO.

REVISION SCALE SSD 10-06-2022 MATERIAL NYLON VJP 10-06-2022 THK(mm) -MMW2 10-06-2022 WEIGHT(Kgs) SPECIFICATION CHECKED DRAWN

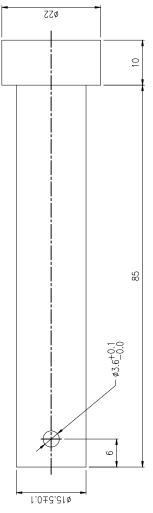
NTS 00

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.

	CHECKED	
	DATE	
	REV NO.	

MASTER COPY

DESCRIPTION



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

DESCRIPTION	P01053_PIN
PROD. DESCRIPTION	PIN DIA 15.5 85LG SS304 P01053XXXXXXXXXXXXXXXX
PART NO.	1AP023NXXX

NTS 00

SSD 10-06-2022 MATERIAL IS:2062(E250)

VJP 10-06-2022 THK(mm) -

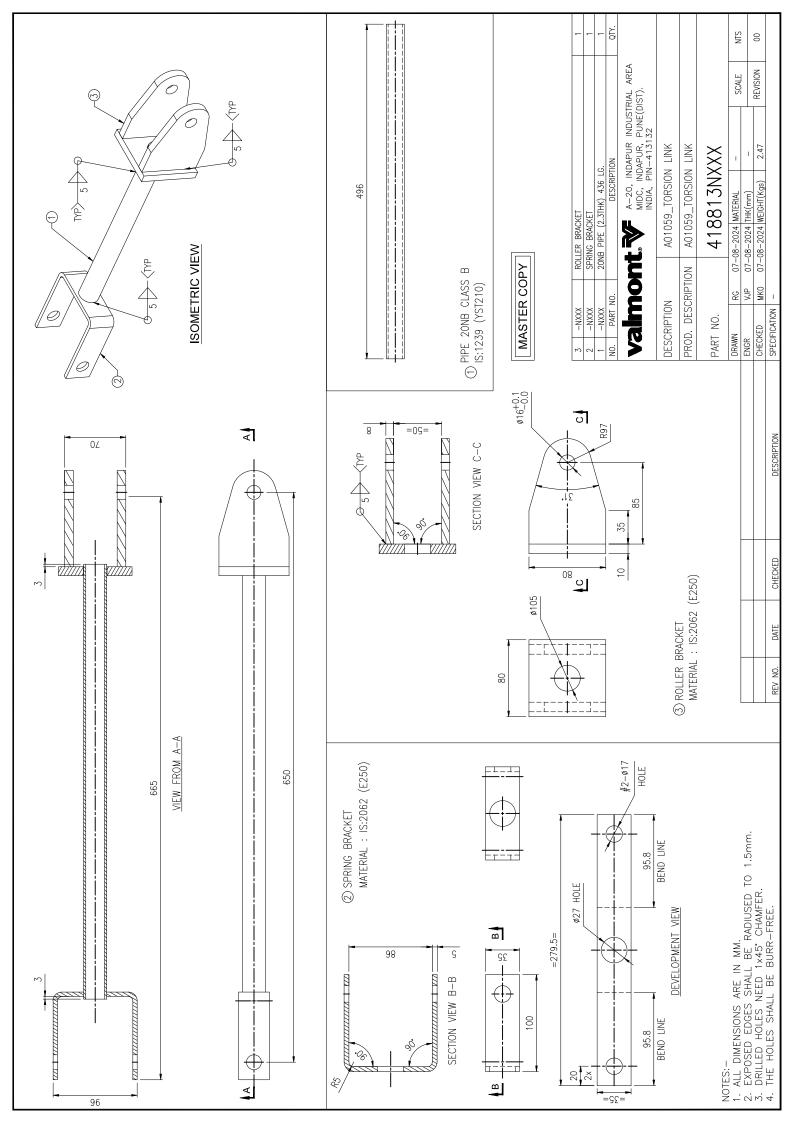
MASTER COPY

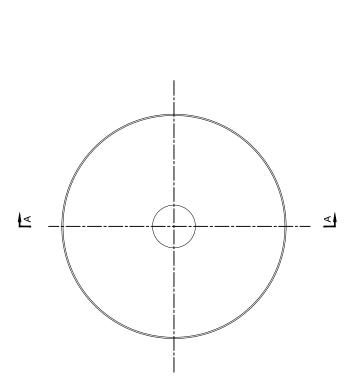
| MMW2 10-06-2022 | WEIGHT(Kgs) | 0.15

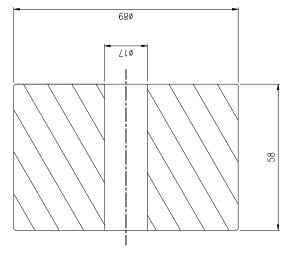
REVISION SCALE

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	SS
					ENGR	≥
				0	CHECKED	ŝ
	REV NO.	DATE	CHECKED	DESCRIPTION	SPECIFICATION	- 1







SECTION VIEW A-A

MASTER COPY

DATE REV NO.

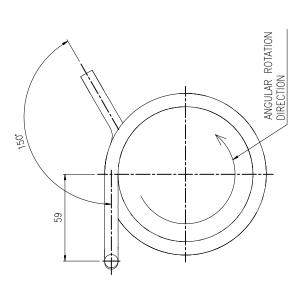
NOTES:-1. ALL DIMENSIONS ARE IN MM. 2. EXPOSED EDGES SHALL BE RADIUSED TO 1.5mm. 3. DRILLED HOLES NEED 1x45° CHAMFER. 4. THE HOLES SHALL BE BURR-FREE.

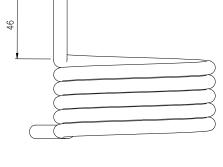
3LOCK	3LOCK	X	NALON	ı	1		
A01060_NYLON BLOCK	A01060_NYLON BLOCK	460410NXXX	SSD 10-06-2022 MATERIAL	VJP 10-06-2022 THK(mm)	MMW2 10-06-2022 WEIGHT(Kgs)		
	PTION		-01 0	-01	W2 10-		
NOI	SCRIF		SS	VJF	MM	- NC	
DESCRIPTION	PROD. DESCRIPTION	PART NO.	DRAWN	ENGR	CHECKED	SPECIFICATION	
						DESCRIPTION	
						CHECKED	

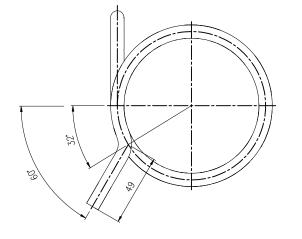
Valmont. A A-20, INDAPUR INDUSTRIAL AREA MIDC, INDAPUR, PUNE(DIST). INDIA, PIN-413132

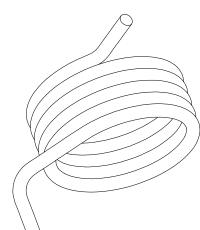
NTS 00

REVISION SCALE









SPRING 1

100

ш ш TINO

MEAN DIA NO. O ACTIVE COIL

Parameter Wire Dia

SR NO.

677 100 67700

N-mm/deg deg N-mm

SPRING RATE MAX ROTATION MAX TORQUE

ISOMETRIC VIEW

1 €	
mon	
Z	
	l

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

460411NXXX	PART NO.
A01061_TORSION SPRING	PROD. DESCRIPTION
A01061_TORSION SPRING	DESCRIPTION

PART NO.		460	460411NXXX	×		
DRAWN	SSD	10-06-2022 MATERIAL	MATERIAL	1	SCALF	SIN
ENCE	ΔIΛ	10 06 2022	TIII//===/			,
LINGIN	VOT.	10-00-2022	ן (וווווו) אווו			
CHECKED	MMW2	MMW2 10-06-2022 WEIGHT(Kgs)	WEIGHT(Kgs)	-	REVISION	00
SPECIFICATION	1					

DESCRIPTION

CHECKED

DATE

REV NO.

MASTER COPY

3		$\overline{}$
TORC		VTED
X		00
SUSTAIN	QUE.	SLIVER
SUITABLE	MAX TOR	MITH O
SUPPLIER	BE AFTER	ROPLATED
NDE BY	LD NOT	ELECT
) DEC	SHOU	BE
NEED TO	AGGING	SHALL
NOTE ; 1) MATERIAL NEED TO DECIDE BY SUPPLIER SUITABLE SUSTAIN MAX TOROU!	2) SPRING SAGGING SHOULD NOT BE AFTER MAX TORQUE.	3)SPRING SHALL BE ELECTROPLATED WITH SLIVER COATED (
Ż		

			:RON	
	ROUE.) (10-MIC	
	MAX IO		COATE	
	SUSTAIN	JUE.	SLIVER	
1 . 1 . 1	UIIABLE	MX TORC	MIT	
	NEED TO DECIDE BY SUPPLIER SUITABLE SUSTAIN MAX	2) SPRING SAGGING SHOULD NOT BE AFTER MAX TORQUE.	HALL BE ELECTROPLATED WITH SLIVER COATED (10-MICRO	()
	1) MATERIAL NE	SPRING SAG	3)SPRING SHALL B	THICKNES