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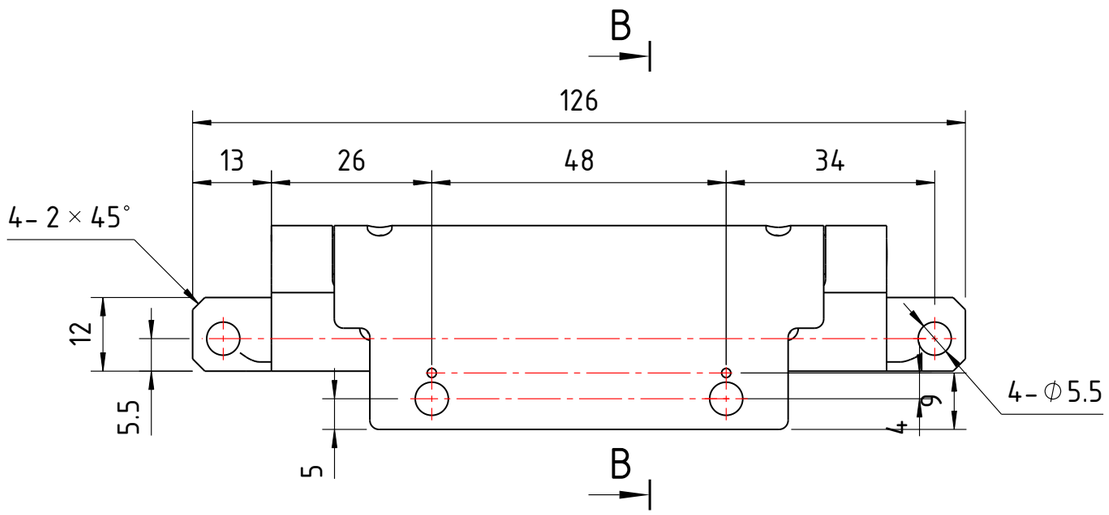
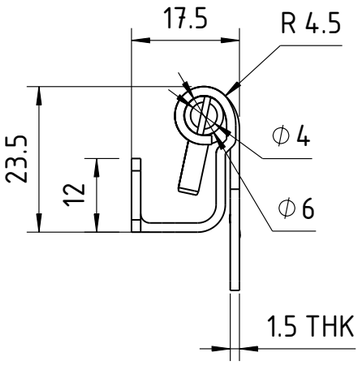
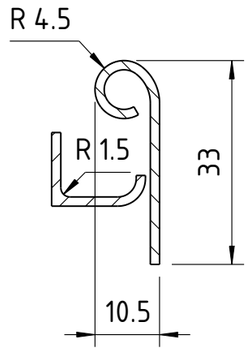
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2

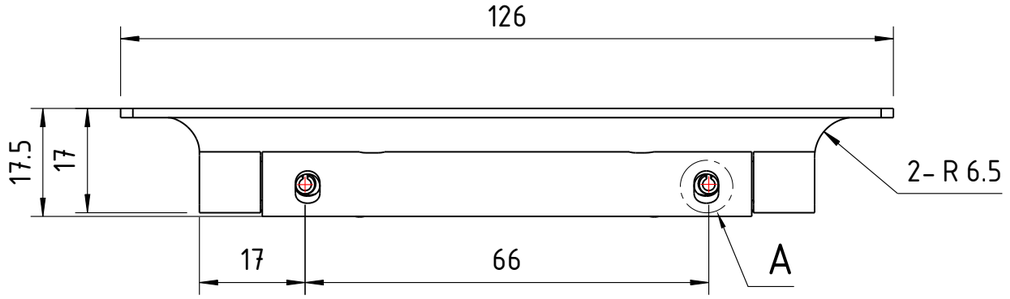
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1		GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2	
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.	
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3	WELDING PROCESS SHALL BE AS PER EN ISO-4063	STATUS:	PROTO/PRODUCTION
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553	WELDING POSITIONS SHALL BE AS PER EN ISO 6947		
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817			
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3	INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5		

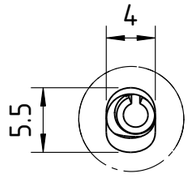




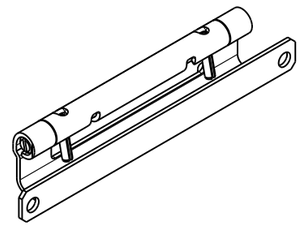


SECTION B-B
1:1





DETAIL-A
1:2



ISOMETRIC VIEW

NOTES:
1. THE HINGE ASSY SHALL CONFIRM TO TDC NO: FPIIC / TD /083.
2.THE HINGES ASSEMBLY SHALL BE OF SUS304 WITH BUFF TO MIRROR FINISH.
3.THE HINGES SHALL BE FROM REPUTED SUPPILERS NAMELY,SOUTHCO/COHAMA.
4. HINGE SHALL BE OF SMOOTH FINISH WITHOUT BURRS & SHARP EDGES.
5. HINGE ASSY SHALL BE SUPPILED IN ASSEMBLED CONDITION.
6. THE SUPPILER SHALL OBTAIN SAMPLE APPROVAL FOR HINGES FROM BEML BEFORE BULK SUPPLY.
7. THERE SHALL BE NO LATERAL MOVEMENTS/ SLACKNESS BETWEEN HINGE LEAFS WHILE OPENING & CLOSING OPERATIONS.

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./I.S Wt. (Kg) / MATERIAL

ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD

PRODUCT	TRAIN B28		
REF DRG	---		
MATERIAL	SUS304		
HEAT TREAT.	---	APPD	KRISHNA PRASAD 08.05.26
SURFACE TREAT.	---	REVD	KRISHNA PRASAD 08.05.26
TITLE	HINGE TYPE -7	CHKD	SANTOSH KUMAR 08.05.26
		DRWN	R ABINAYA 08.05.26
SCALE	1:1	SHEET	1 OF 1
Wt.(kg)	----		
DRG No.	843-20166	ALT	0

BEML Beyond Possibilities BANGALORE COMPLEX

A3

GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL	~	▽	▽	▽	▽	▽	▽	▽	▽	▽	▽	▽

SURFACE ROUGHNESS