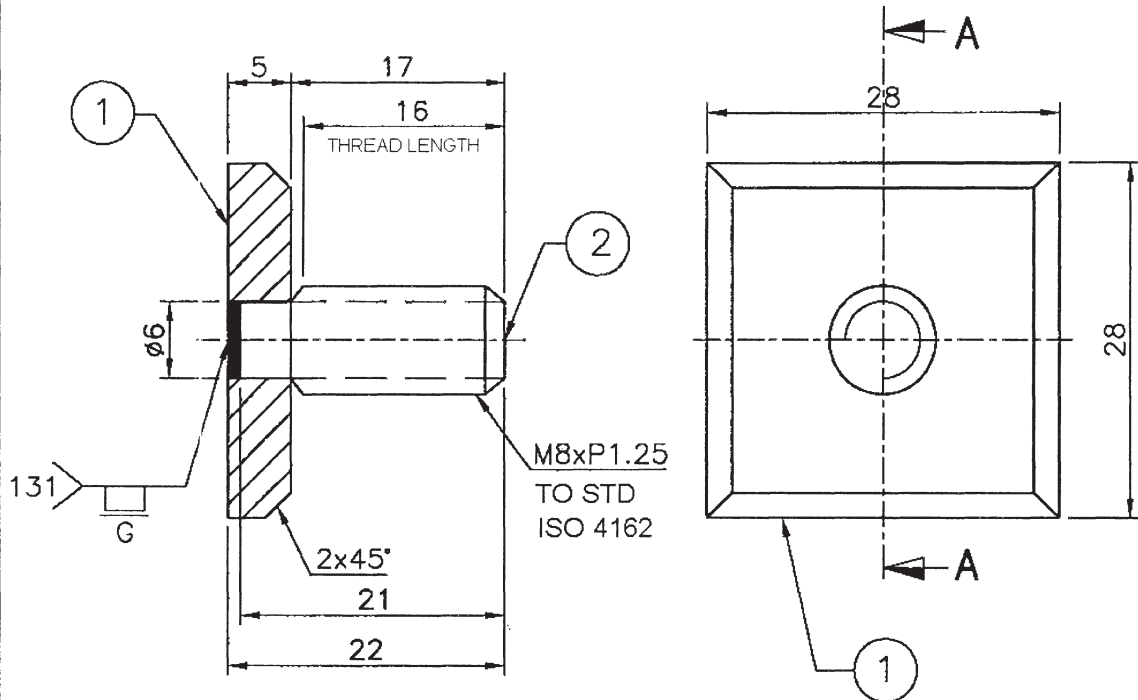


MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0-6	6-30	30-120	120-315	315-1000	1000-2000	2000-4000	ABOVE 4000
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227									
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)									
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS.1012.C.							PRODUCTION		
QUALITY OF WELD JOINTS REF. RD-230 MEDIUM									



SECTION A-A

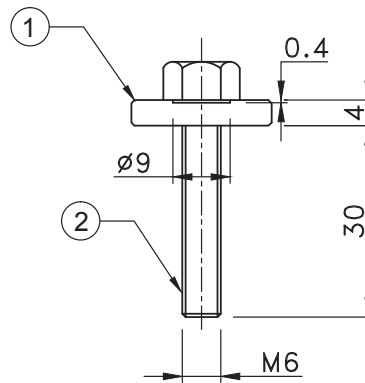
NOTE: 1

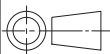



1. REMOVE ALL SHARP EDGES AND BURRS.
2. WELDING SYMBOLS: ACCORDING TO ISO 2553.
3. NYLOK BLUE PATCH TO BE APPLIED ON THE THREAD.








N1	0.025	N2	0.05	N3	0.1	N4	0.2	N5	0.4	N6	0.8	N7	1.5	N8	3.2	N9	6.3	N10	12.5	N11	25	N12	50
<p>1</p> <p>2</p> <p>1</p> <p>SL No. QTY</p> <p>ORG. / STOCK No. DESCRIPTION SIZE COMPANY STD/IS STD Wt.Kg.</p> <p>DETAIL PARTS MATERIAL</p> <p>PRODUCT DMRC BG METRO CARS</p> <p>SURFACE TREATMENT</p> <p>APPROVED JAYAPRAKASH</p> <p>CHECKED DHANRAJ</p> <p>DRAWN YASH</p> <p>REF DRG</p> <p>SCALE 1 OF 1</p> <p>SHEET Wt (Kg)</p> <p>ALT CHANGES / ECN No. DATE BY CKD APP QTY NEXT ASSY MODEL</p> <p>TITLE SQUARE BOLT</p> <p>DRG No. 909-23125</p> <p>ALT 1</p>																							

PROTO/PILOT/PRODUCTION

Technical drawing of a square plate with a central hole. The plate has a square outer shape with rounded corners, indicated by a dimension of 22 for the side length. The central hole is circular with a diameter of $\phi 6.5$. The plate is chamfered on all four sides, with a chamfer angle of $\alpha 2\sqrt{3}$ and a chamfer width of R3. The drawing also shows a dimension of 22 for the distance from the center of the hole to the outer edge of the plate.



2	1					HEX HEAD SCREW M6x30 TO IS:1364(P-2)-2002/MATL:ISO-3506-79,Gr-A2-70,SS WITH NYLOK BLUE PATCH PRE APPLIED ADHESIVE							
1	1					PLATE		t4		AISI 304			
SI No.	QTY	DRG. / STOCK No.		DESCRIPTION			SIZE		COMPANY.STD/IS.STD		Wt(Kg)		
		DETAIL PARTS					MATERIAL						
						PRODUCT						DMRC BG METRO CARS	
									SURFACE TREATMENT				
						124	909-56201	M-CAR	SCALE		SHEET OF	Wt(Kg)	
						128	909-56101	T-CAR					
						QTY	NEXT ASSY	MODEL	REF DRG				
						TITLE			T-BOLT ASS'Y				
									APPROVED	KCS	12.01.09		
									CHECKED	KRKR	12.01.09		
									DRAWN	SNH	10.01.09		
1	Weld symbol & note added ECN:90900186		16.8.11	SNH	GRN	KCS			DRG No.		ALT		
ALT	CHANGE/ECN No.		DATE	BY	CKD	APP			909-56078				
									BEML LIMITED				
									R&D, BANGALORE COMPLEX				
									BANGALORE 560 075				

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

A4