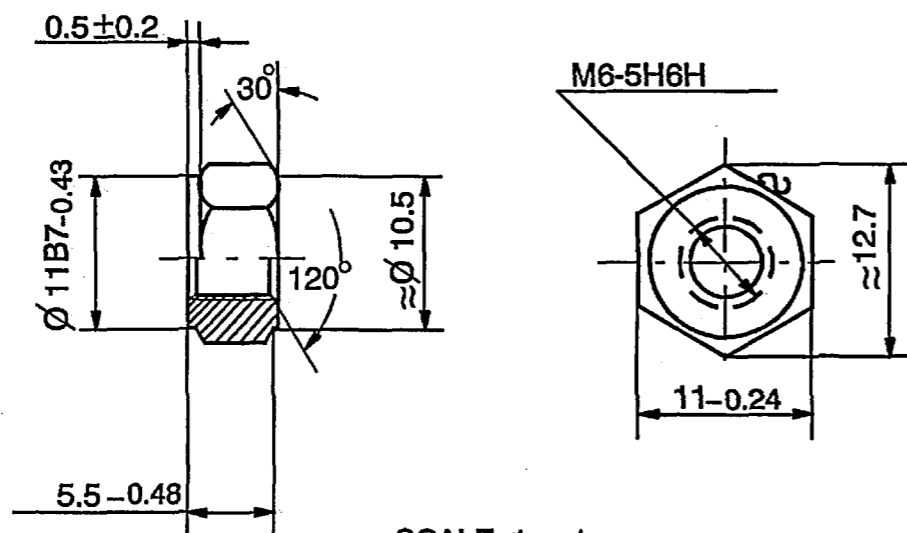


DRAWING NUMBER
155.08.290

SHEET No. 1 OF 1

▽ 4 UNLESS OTHERWISE SPECIFIED



SCALE 1 : 1



1. SHIFT OF THREADED HOLE RELATIVE TO SIDES SHOULD NOT EXCEED 0.3 mm.
2. TO BE MADE RED HOT TO HARDNESS OF HB 302 TO 255 (DIA. OF INDENTATION 3.5 TO 3.8).
3. BRIGHT HARDENING HB 415 TO 311 (DIA. OF INDENTATION 3.0 TO 3.45) IS PERMITTED. IMPACT VISCOSITY SHOULD NOT BE LESS THAN 9 kgm/cm² THE EXTENT OF HARDNESS AND IMPACT VISCOSITY IS CHECKED IN COMPLIANCE WITH TECHNICAL INSTRUCTIONS OF METALLURGICAL DEPARTMENTS OF FACTORIES.
4. TO BE GALVANISED. THE ZINC LAYER SHOULD HAVE THICKNESS FROM 7 TO 10 MICRON. (PLEASE SEE SPECIFICATION ON GALVANISING). THE PRESENCE OF ZINC LAYER IN HOLE SHOULD NOT BE CHECKED.

5. THE HARDNESS SHOULD BE CHECKED ON JOB OR BY TEST PIECE.
6. THE REMAINING TECHNICAL REQUIREMENTS SHOULD BE AS PER GOST 1528-53.

EXPLANATORY NOTE :-

REFERENCE MATERIAL QUOTED : STEEL 38XC GOST 4543-71.
STRUCTURAL CHROMIUM SILICON ALLOY STEEL GOOD QUALITY
GRADE 38XC GOST 4543-71.

CHEMICAL COMPOSITION : AS PER STEEL GRADE 38XC GOST 4543-71.

CONTENT OF ELEMENTS %					
C	Si	Mn	Cr	S	P
				MAX	
0.34 - 0.42	1.00 - 1.40	0.30 - 0.60	1.30 - 1.60	0.035	0.0356

RESIDUAL CONTENT OF COPPER AND NICKEL SHOULD NOT EXCEED 0.30% EACH

MECHANICAL PROPERTIES : AS PER STEEL GRADE 38XC GOST 4543-71.

TENSILE STRENGTH Kg/mm ²	YIELD POINT Kg/mm ²	ELONGATION %	REDUCTION IN AREA %	IMPACT STRENGTH Kg/cm ²
MINIMUM				
95	75	12	50	7

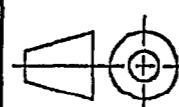
(B) ALT. MATL. :- STEEL 817M40 (En 24) TO BS : 970 Part 1 : 1983

PILOT SAMPLE SHOULD BE APPROVED BY A H S P BEFORE BULK PRODUCTION.

EST. WT. (Kg) 0.003 TO BE STAMPED OR MARKED WHERE INDICATED THUS # (LETTERS)

ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUT-SIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.

ISSUE	DATE	NATURE OF AMENDMENTS
B	07.07.06	AUTHY.Lt.No.80001/CQA(HV)/GEN.Dt.15.10.05.
A	25.10.04	N OF A No.CQA(HV)/T-90/45/001

DRN	Sd/=	MATERIAL :- STEEL 38XC GOST 4543-71	USED ON :- 175.45Cb 172.45.060cbCb 188.45.001cb-3Cb (A)
CHD	Sd/=		
APPD	Sd/=		
DATE	01.09.96	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI	
SCALE:- 2 : 1		TITLE :-  NUT	D S CAT NUMBER
DIMENSIONS IN mm			
TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS : 2102 - 69			
ALL THREADS TO CONFORM TO IS : 4218, PART-4.		D S CAT NUMBER	DRAWING NUMBER 155.08.290

(B. JAYAVELU, JTO(D)
03-08-06

COMMON TO T-90
DRG. REINDIANISED BASED ON RUSSIAN ORIGINAL ISSUE - NIL
EXPLANATORY NOTE ADDED ON 18.03.92

F-187
SIZE A3