



CERTIFIED CORRECT COPY OF APPROVED DRAWINGS AT THIS DATE 20/09/88.

Design & Drawing Office
Ordnance Factory,
Tiruchirappalli-600016

CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES OF MATERIAL

VETTED FOR MATERIAL ONLY	
C	0.27 - 0.34
Si	0.17 - 0.37
Mn	0.30 - 0.60
Cr	0.60 - 0.90
Ni	2.00 - 2.40
Mo	0.20 - 0.30
V	0.10 - 0.18
S	0.025 MAX.
P	0.025 MAX.
Cu	0.20 MAX.
HARDNESS	HB 269
ELONGATION	10%
REDUCTION IN AREA	40%
IMPACT STRENGTH	9 KgfM/CM ²
YIELD POINT	80 Kgf/mm ²
TENSILE STRENGTH	90 Kgf/mm ²

DRAWING PROVISIONAL

19/09/88
BE DRAWN
CHECKED

APPROVED

Div 2
F/M PROJ

OFFICER

ORDNANCE FACTORY,
TIRUCHIRAPALLI-16.

JIN CONTROLLED COPY

SECTION A-A

1. DIMENSIONS ARE IN MM.
2. FIRST ANGLE PROJECTION.
3. SCALE: 1:1
4. FORGING OF GROUP II AS PER GOST 8479-70, HB 269 MAX.
5. DRAFT ANGLE 7°.
6. UN-SPECIFIED RADII 15R.
7. FLASH REMAINDER UP TO 0.9 mm.
8. WARPING UP TO 0.6 mm.
9. DIE SHIFTING UP TO 0.6 mm.
10. CONVENTIONAL CONTOUR AND DIMENSIONS GIVEN IN BRACKETS PERTAIN TO THE FINISHED PART.
11. STAMP PART NO., MELT NO. AND Q.C.D STAMP
12. 5% OF A BATCH SHOULD BE CHECKED FOR HARDNESS AS PER GOST 8479-70.
13. WEIGHT OF THE FORGING 0.870 Kgs.

COMPONENT DRG. NO. 6PII-5-12
LINK STRIPPER

HEAT-TREATMENT:-FORGINGS ARE NORMALIZED AND TEMPERED.
FOR HEAT-TREATMENT SCHEDULE REFER DRAWING NO: M 881 SHEET NO: 1 TO 3 AND SHEET NO: 5 SL NO: 16.

DS CAT NO. 1005007410

MATERIAL:- STEEL 30XH2MΦA, OST 3-98-80
ALT. MAT:- STEEL 30XH2MΦA GOST A543-71

NOTE :- THIS DRAWING REPLACES DRAWING NO. 62 C 5012200A.3

AGREED -
SCT/OFT 20.09.88

D	MATL. AMENDED. DA NO. 001/17 DT. 01-08-17	DT.
C	MATL. FOR INDIA ADDED. DA NO. 001/16. DT. 01-08-16.	DT.
B	DRAWING AMENDED AS PER THE NOTE BY THE SOVIET TEAM/O.F.T. REFER ALBUM NO. 178	DT.
AMENDMENTS	DESCRIPTIONS/DETAILS	SHEET DATE

DRG. NO. 62 C 5012 200 & 3