



MATL. FOR INDIA: BS-270 Pt-1-1983, Gr. B26 M31 (08) 1993  
 IS: 5517-28, Gr. B1 Ni 10 Cr 3 Mo 6 WITH RESTRICTION OF S&P CONTENT UP TO 0.025% MAX. FOR EACH. LRS- 63 mm

**CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES OF MATERIAL**

30XH2M0A	
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 <sup>2</sup>
YIELD POINT	80 Kg/mm <sup>2</sup>
TENSILE STRENGTH	90 Kg/mm <sup>2</sup>

**VETTED FOR MATERIAL ONLY**  
 Principal Scientific Officer,  
 Quality Assurance Officer,  
 For Senior Quality Assurance Officer,  
 Senior Quality Assurance Estt. (Arm)  
 Tiruchirappalli- 620 016.

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.

MATERIAL: STEEL 30XH2M0A, OST 3-98-80  
 ALT. MAT - STEEL 30XH2M0A, GOST 4543-71

DS. CAT NO.  
 1005 0074-10

NOTE -- THIS DRAWING REPLACES DRAWING NO. 62C 5012 200A3  
 AGREED -  
 SET/OFT 20.09.88

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

**SECTION A-A**  
 CERTIFIED CORRECT COPY OF APPROVED DRAWINGS AT THIS DATE.  
 17.11.2020  
 Design & Drawing Office  
 Ordnance Factory,  
 Tiruchirappalli-620016

**UN CONTROLLED COPY**

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

D	MATL. AMENDED. DA-NO. 001/17 DT. 01-08-17	9
C	MATL. FOR INDIA ADDED. DA-NO. 001/16. DT. 01-08-16.	9
B	DRAWING AMENDED AS PER THE NOTE BY THE SOVIET TEAM/O.F.T. REFER ALBUM NO. 18	20/09/88
AMENDMENTS	DESCRIPTIONS/DETAILS	SIG & DATE

1	2	3	4	5	6	7	8
REDRAWN	CHECKED	APPROVED	E/M PROJ.	DESIGN OFFICER	ORDNANCE FACTORY, TIRUCHIRAPALLI-16.	DRG. NO. 62 C 5012 200	3