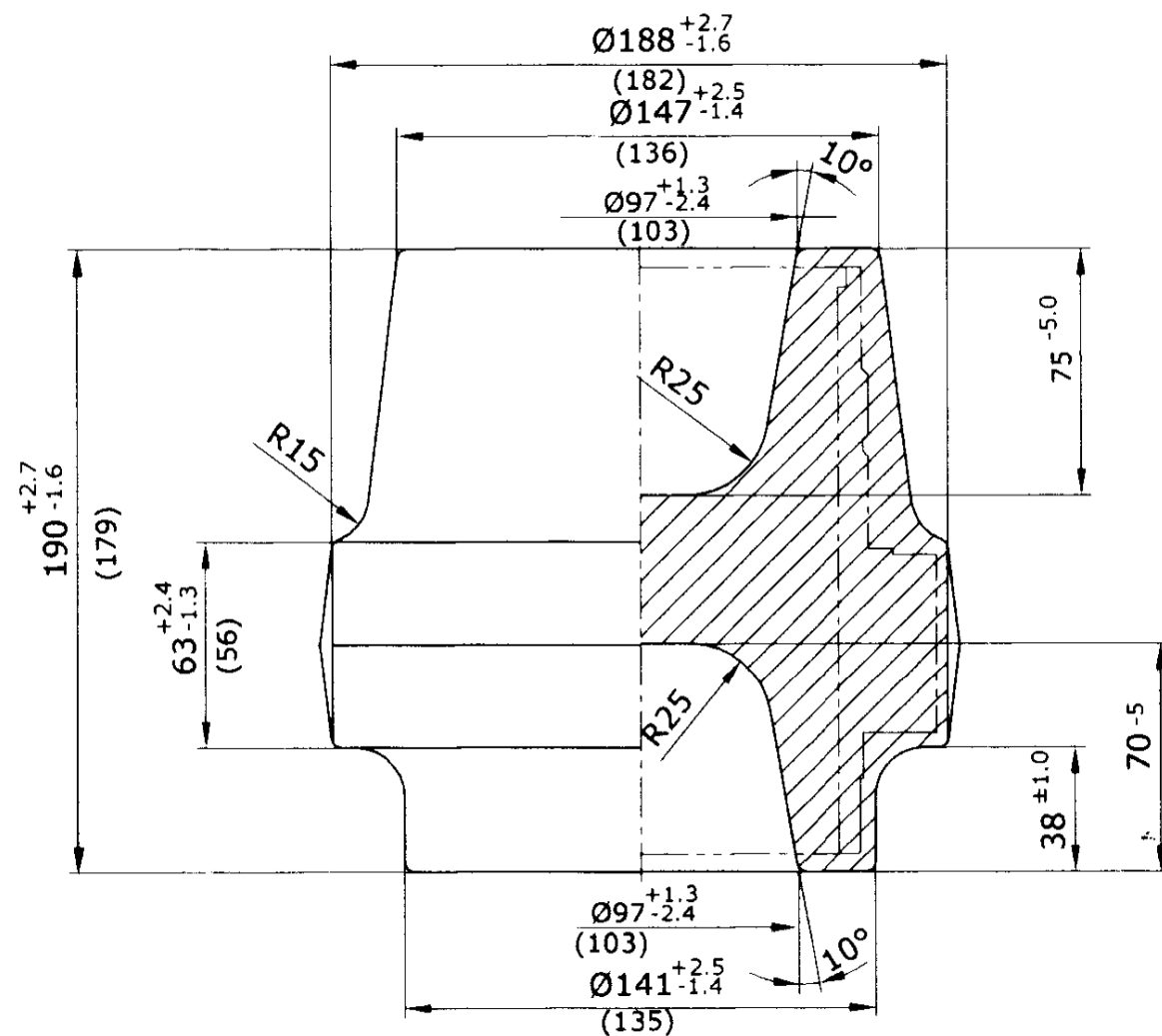




CHEMICAL COMPOSITION (%)			MECHANICAL PROPERTIES		
ELEMENT	STEEL 20X2H4A GOST 4543-71	STEEL 835M 15 (EN-39B) BS: 970-83	DESCRIPTION	STEEL 20X2H4A GOST 4543-71	STEEL 835M 15 (EN-39B) BS: 970-83
C	0.16 - 0.22	0.12 - 0.18	TEST BAR DIA.	---	19 mm
Si	0.17 - 0.37	---	TENSILE STRENGTH	130 Kgf/mm ² MIN.	1310 MPa MIN.
Mn	0.30 - 0.60	0.25 - 0.50	YIELD STRENGTH	110 Kgf/mm ² MIN.	---
Cr	1.25 - 1.65	1.00 - 1.40	RELATIVE ELONGATION	9 % MIN.	8 % MIN.
Ni	3.25 - 3.65	3.90 - 4.30	REDUCTION OF AREA	45 % MIN.	---
Mo	---	0.15 - 0.30	IMPACT STRENGTH	8 Kgf.m/cm ² MIN.	---
Cu	0.30 MAX.	---	IZOD	---	25 MIN.
S	0.025 MAX.	0.025-0.05	KCV (CHARPY)	---	28 MIN.
P	0.025 MAX.	0.035 MAX.			



ALTERNATE MATERIAL : STEEL 835M15 (EN39B) TO BS: 970-83.
 AUTHORITY : CQA(HV) LETTER No. 091/IFD/IND-V/MTPF/OE DATED 17-03-2005

- HEAT TREAT DIA OF INDN 3.7 - 4.2 mm.
- DESCALE : (PICKLE)
- IN MACHINING SURFACES, SURFACE DEFECTS AND SCALE PITS ARE ALLOWED UP TO 0.5 OF ACTUAL MACHINING ALLOWANCE IN UNMACHINED SURFACES, WITHIN TOLERANCE LIMITS.
- MISMATCH SHOULD NOT EXCEED 1.3 mm.
- RESIDUAL FIN ALONG THE PARTING LINE SHOULD NOT EXCEED 1.7 mm.
- UNSPECIFIED DRAFTS : 7°
- UNSPECIFIED RADII R 3.0 mm.
- MACHINING DIMENSIONS ARE SHOWN IN BRACKETS.
- UNTOLERANCED DIMENSIONS ARE FOR CONST RUCTION / NOT TO BE CHECKED.
- MARK PART NO.
- PAINT RED OXIDE.
- PILOT SAMPLE SHOULD BE APPROVED BEFORE BULK SUPPLY.

DRIVEN GEAR		STEEL 20x2 H4A GOST 4543-71		WT = 27.4 Kg.																																																																																																																			
संख्या NO. OFF	विवरण DESCRIPTION	पुर्जा क. PART NO	पदार्थ MATERIAL	मानक STANDARD	परिमाण DIMENSIONS																																																																																																																		
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इन आरेखणों तथा इसके साथ की सम्पूर्ण सामग्री का स्वत्वाधिकार भारत सरकार रक्षा मंत्रालय की भारतीय आयुध निर्माणियों के पास है। भारतीय आयुध निर्माणियों के महानिदेशक की लिखित अनुमति के बिना इनकी नकल या किसी भी रूप में इनके उद्धरण या इनमें समाहित सूचना किसी अनधिकृत व्यक्ति को उपलब्ध नहीं कराई जानी चाहिए।

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