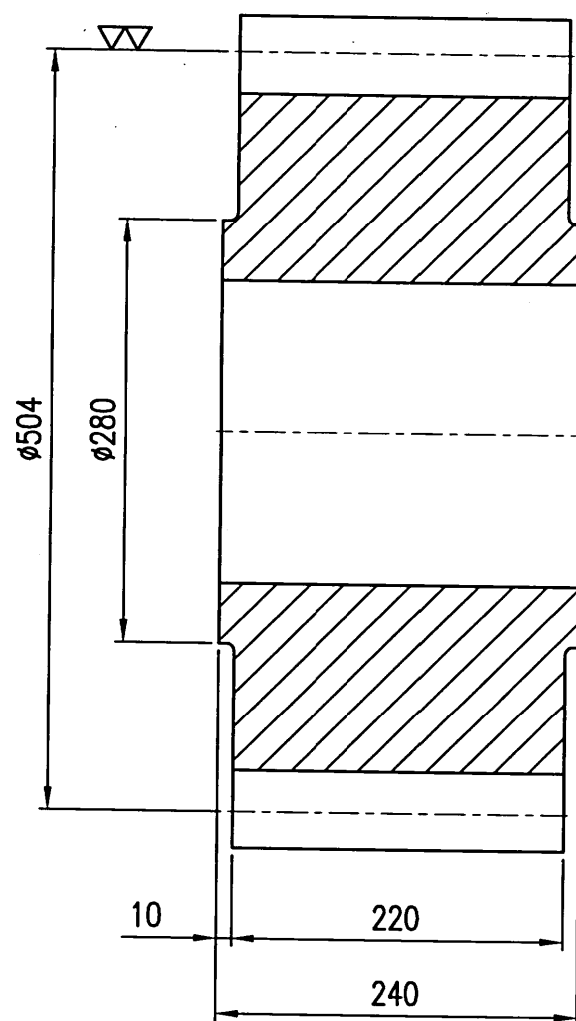


DRG.No. PC79021



SEC-AA



MAT. SPEC.- 42Cr4Mo2, IS:5517
FORGE, NORMALIZE, ROUGH MACHINE, OIL QUENCH
AND TEMPER TO 300 TO 330 BHN. & FINISH MACHINE

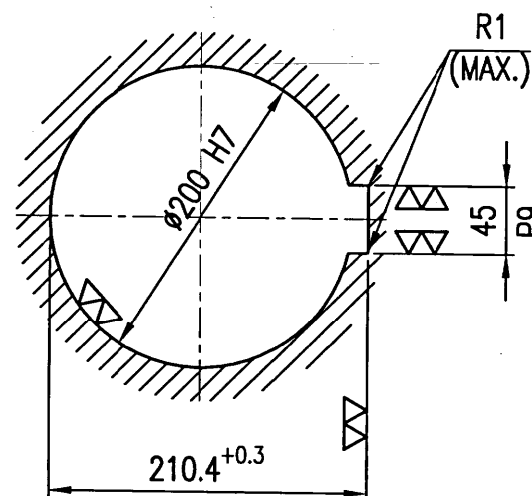
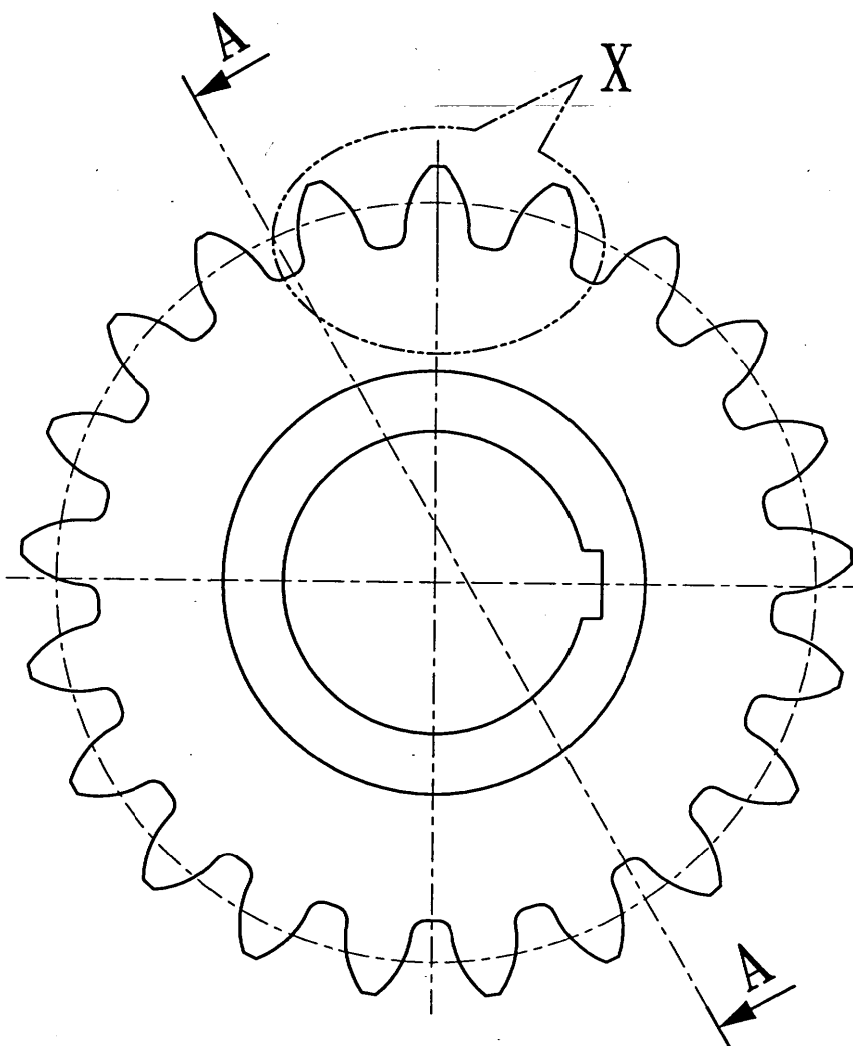
NOTE:-

- 1) ROUND-OFF ALL SHARP EDGES/CORNERS.
- 2) CRACKS AND IRREGULARITIES ON TEETH SURFACE ARE NOT ALLOWED.
- 3) IT SHOULD BE ULTRASONICALLY TESTED.

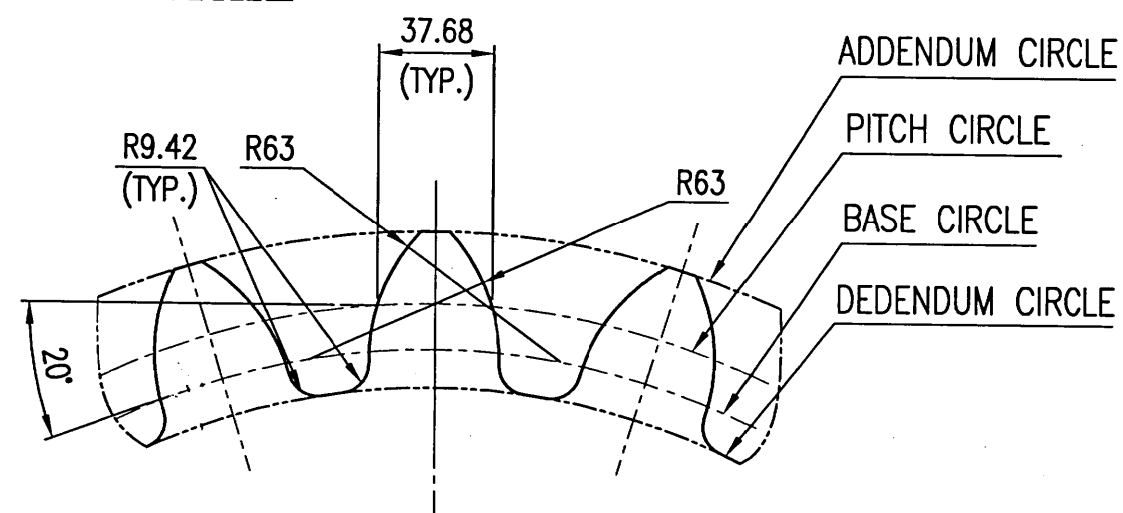
REV. MK.	REVISIONS	JOB. NO.	BY DATE	CHKD.	APP.	DRG. No.	REFERENCE
						127877	SHAFT WITH PINION

IF IN DOUBT, ASK M E G DESIGN

Form No. MEGD/DF/0017, Rev. No: 02, Eff. Date: 05/09/2015 DO NOT SCALE



BORE DETAIL



TEETH DETAIL-X

SCALE-1:2.5

DESCRIPTION	GEAR DATA
NO. OF TEETH	21
MODULE	24
PITCH CIRCLE DIA.	504
CIRCULAR PITCH	75.36
PRESSURE ANGLE	20°
ADDENDUM CIRCLE DIA.	552
DEDENDUM CIRCLE DIA.	448.464
TOOTH THICKNESS	37.68

ASSLY. MK.	ITEM No.	DESCRIPTION.	MATERIAL.	No. REQD.	UNIT	TOTAL	REMARKS
	1	PINION		1	283.80	283.80	
BILL OF MATERIAL							
DRG. DEVELOPED BY:- M/S. CADPROFESSIONALS, JAMSHEDPUR-1							
TATA STEEL LIMITED, JAMSHEDPUR, 831001							
M E G DESIGN							
DEPT. SINTER PLANT							
SUB DIVN. SINTER PLANT-1							
DETAIL PINION FOR 073 MND DRUM							
DRG. NO PC 79021							
REV A							

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