

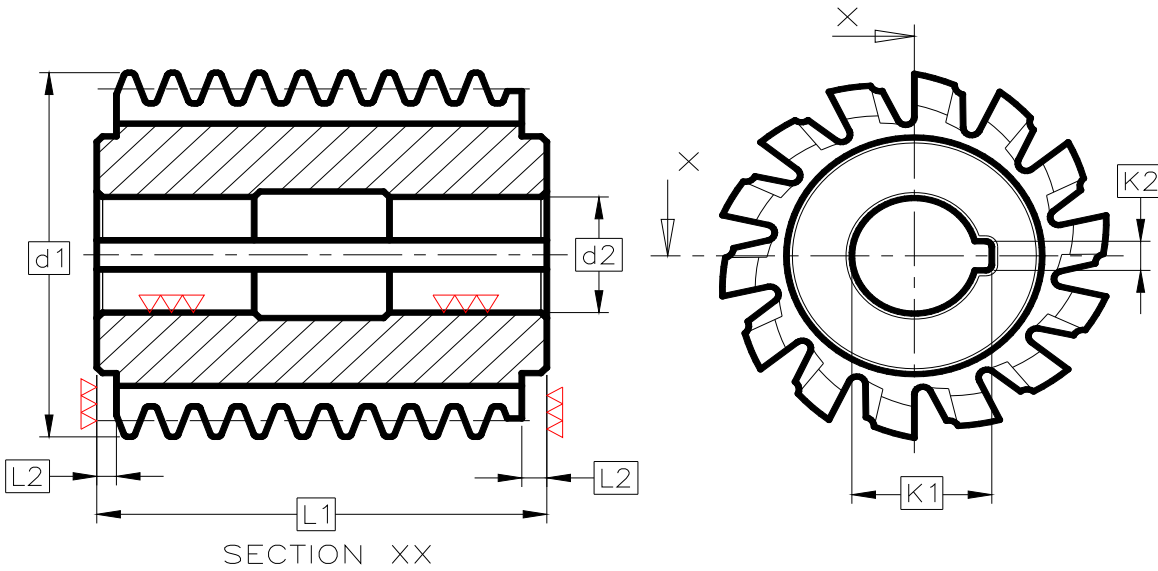
DO NOT SCALE DRAWING

IF ANY DOUBT, CONSULT DESIGN

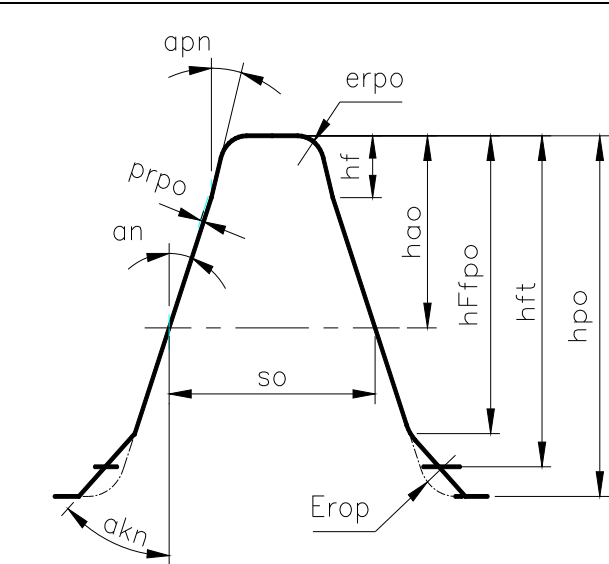
DGN:FO:02

ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED

FOR APPROVAL PURPOSE ONLY



COMPONENT DATA	
COMP DRG NO/PART NO.	14451692002-REV4
NORMAL MODULE	8.693568813
NORMAL PRESSURE ANGLE	25°
NUMBER OF TEETH	90
HELIX ANGLE	0°
HAND OF HELIX	0
OUTSIDE DIAMETER	796.62 795.045
ROOT DIAMETER	754.482 752.907
DIMEN OVER PINS - HOBGING	803.93 803.55
DIMEN OVER PINS -GRINDING	802.08 801.7
PIN DIAMETER	15.875
RADIAL TIP CHAMFER-HOBGING	N.A. N.A.
SAP/TIF DIAMETER-GRINDING	765.86
ROOT RADIUS	3.048



d1	d2 H5	L1	L2	K1	K2
170	60	190	5	64.40	14.205
				64.20	14.095

HOB PROFILE DETAILS IN NOR.SECTION		
ADDENDUM	hao	15.070
TOOTH THICKNESS	so	15.597
PRESSURE ANGLE	an	25.000
SEMITOPPING HEIGHT	hFfpo	N.A.
SEMITOPPING ANGLE	akn	0.000
WORKING DEPTH	hft	21.069
PROFILE DEPTH	hpo	23.500
TIP RADIUS	erop	2.561
PROTUBERANCE AMOUNT	prpo	0.780
PROTUBERANCE ANGLE	apn	10.000
PROTUBERANCE HEIGHT	hf	4.752
ROOT RADIUS	Erpo	1.7

HOB DATA		
NORMAL MODULE	8.693568813	
NORMAL PRESSURE ANGLE	25°	
NUMBER OF START/HAND	1	RH
LEAD ANGLE	3°	33' 50"
NO OF GASHES	12	
GASH LEAD	7055	
TYPE OF PROFILE	NT-PGP	
ACCURACY CLASS	BDIN-3968	
MATERIAL	ASP-2052	
COATING	NO	

MARKING		
MOD:8.693568813 PA:25° 1-RH CL:-B		
LA-3°-33' NT-PGP GL-7055 D+F 21.069 HIG-14710		
COMP:-14451692002-REV4 HOB:1573126		
ASP-2052 AAMCOL		

Rev	Revision Details	DRN	OPEN TOLERANCES ACCORDING TO DIN-1686			MATERIAL	CHD	NJG	30/10/13	PREGRINDING-HOB	JAINEX AAMCOL LIMITED
			OVER	UP TP	LIMITS						
01	Root dia 48.4/48.2 was 48.5/48.3 & tip chamfer angle 55° was 50° changed	JBP 31/12/12				ASP-2052	DRN	JBP	30/10/13	MOD:8.693568813 PA-25°	L-3, MIDC CHIKALTHANA, AURANGABAD-431210
			6 MM	30 MM	+/-0.2		DGN	JBP	30/10/13	CUSTOMER:- BHARAT HEAVY ELECTRICALS LTD.	
			30 MM	120 MM	+/-0.3	HARDNESS					
						64-66 HRc					
							REF. DRG. NO				
							14451692002-REV4				
							1573126				
			TOLER.	LIMITS						Third angle Projection	
										O/C NO	
										ITEM	
										DRG NO	
										REV	
										137410	1
										HIG-14710	01

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