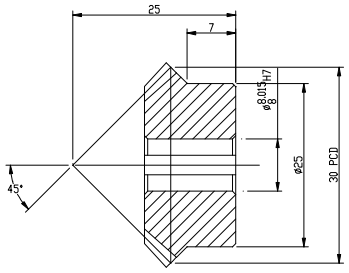
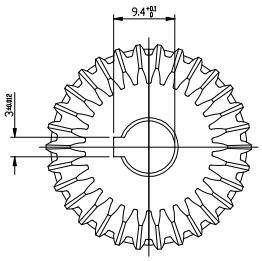
FIRST ANGLE PROJECTION

IF IN DOUBT ASK

DO NOT SCALE



SECTION A-A



GEAR DATA	
MODULE	1
PCD	30
PRESSURE ANGLE	20°
NUMBER OF TEETH	30

NOTE : GEAR SIZES BASED ON HPC STANDARD GEARS

ITEM	MATERIAL
422G401-IT1	BEVEL GEAR STEEL 080M40 (EN8)
422G401-IT2	BEVEL GEAR PHOSPHOR BRONZE (PB2)

REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE STATED

TOLERANCES UNLESS OTHERWISE STATED

SCREW THREADS
ISO METRIC TO BS 3643
UNLESS OTHERWISE STATED

CAST THICKNESS ±12.5%
FORGINGS TO BS 1710
WELDING SYMBOLS AS BS 499
GEOMETRIC TOLERANCES
METHOD OF SPECIFYING
AS BS 308

MACHINED DIMENSIONS
MILLIMETRES
UP TO 75 ±0.05
75 TO 300 ±0.40
300 TO 600 ±0.50
OVER 600 ±0.75

UNMACHINED DIMENSIONS
MILLIMETRES
150 & LESS ±0.75
150 & OVER ±1.5

THE QUALITY OF SURFACE FINISH ON MACHINED FACES IS INDICATED BY MEANS OF THE MACHINING SYMBOL WITH THE APPROPRIATE ROUGHNESS NUMBER AS PER BS 1134

DRN.	JC	MATERIAL NOTES	BS No.	FINISH
DATE	11/05/15	SCALE	1:1	
CHKD.	JC	SCHNo.		
APPD.		ASSY.DRG.		

TITLE

BEVEL GEAR

Sheet 1 of 1

DRG.No.

A3- 422G401 / 0