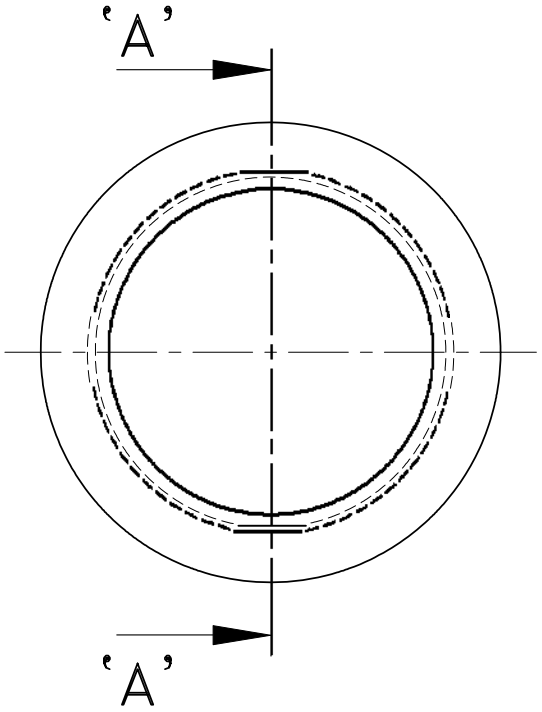
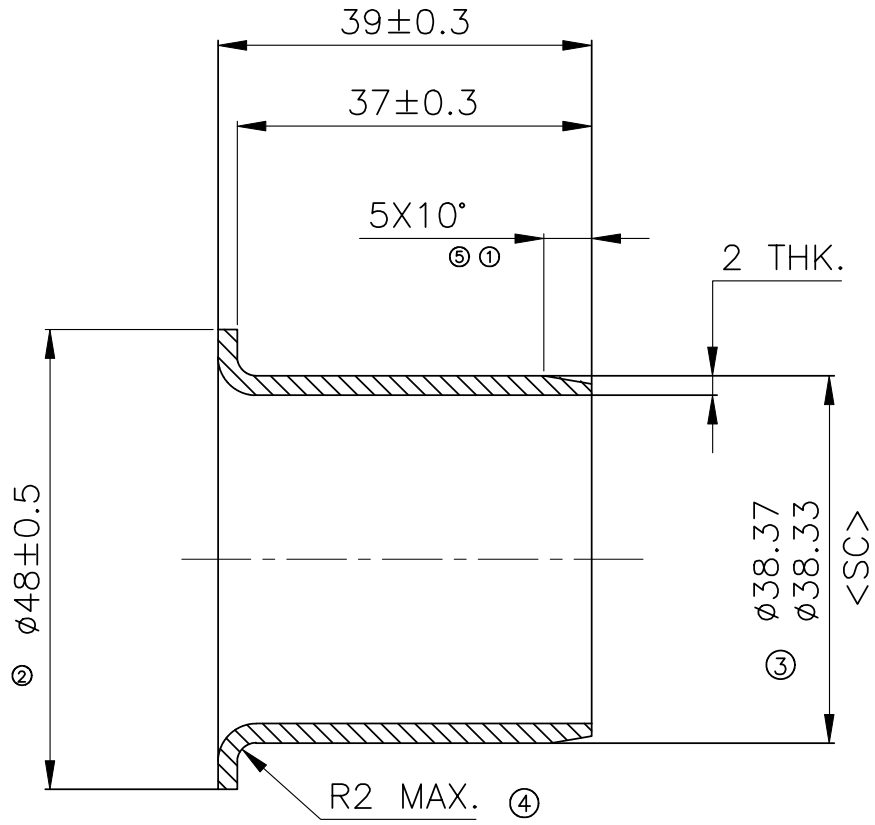
IF IN ANY DOUBT PLEASE ASK
FILE NAME: IRD-225

- FLATNESS
- CIRCULARITY
- CYLINDERICITY
- LINE PROFILE
- SURFACE PROFILE
- PARALLELISM
- PERPENDICULARITY
- ANGULARITY
- POSITION
- CONCENTRICITY
- SYMMETRY
- SIMPLE RUN OUT
- TOTAL RUN OUT
- LEAST MATERIAL CONDITION
- MAX MATERIAL CONDITION
- PROJECT TOL. ZONE

DO NOT SCALE





SECTION 'A-'A'

⑤ IICP-192

DATE	CHANGE DETAILS	BY	SR.
22.12.09	CH 5.0x10° WAS CH 4.3x10° AND IICP NO. ADDED.	SPA	5
15.03.09	DIM. R2 MAX. ADDED.	SPA	4

CLASSIFICATION OF CHARACTERISTICS:
- ■ CRITICAL,
- ◐ MAJOR,
- ▲ KEY INSTRUCTION (NONE) MINOR
- ■ APPLIES TO UPPER LIMIT
- ■ APPLIES TO LOWER LIMIT

REF.DRG.NO. : IR-0401BA1430N
REV.NO / DATE: 19.01.2003
IF IN ANY DOUBT PLEASE ASK
NOTE : REMOVE ALL BURR & SHARP EDGES
MATL.: EDD STEEL

MACHINING DEVIATIONS AS PER . . . . . CLASS TO ISO 2768

MACHINING DEVIATIONS AS PER ISO 2768 M								
DIM.	OVER	–	6	30	120	400	1000	2000
	UPTO & INCL.	6	30	120	400	1000	2000	4000
TOLERANCE		±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2

SURFACE ROUGHNESS SYMBOLS / VALUES IN µM RA								
SYMBOL	N12	N11	N9	N7	N6	N3	N6 GRD	N6 HRD & GRD
VALUE	50	25	6.3	1.6	0.8	0.1	0.8	0.8

FOR OTHER ROUGHNESS SYMBOLS & VALUES, SEE IS 10719

0 10 20 30 40 50 60 70 80 90 100

iNNOVA RUBBERS PVT. LTD.,
A-26-27, M.I.D.C.,
AMBAD,
NASIK – 10.

ALL DIMENSIONS ARE IN mm.

SCALE : NTS
DATE : 19.03.2007
DRAWN : BAVISKAR
CHECKED :
APPROVED :

DRG. NO. : IRD-225 C/L 5

NAME : OUTER

DATE	CHANGE DETAILS	BY	SR.
22.08.08	DIM. ø38.33~ø38.37 WAS DIM. ø38.27~ø38.31	VMD	3
04.05.07	COLLAR DIAMETER 48 ±0.5 WAS 48 ± 0.2	PBP	2
10.10.06	O.D. & CHAMFER LENGTH CHANGED	PBP	1

REVISION RECORD

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AND SHALL BE RETURNED TO

FILE : H:\IRD_ORIGINAL\IRD-225.dwg