



GOVERNMENT OF PAKISTAN
PAKISTAN ORDNANCE FACTORIES
WAH CANTT

PRE-QUALIFICATION NOTICE

No.5802-02-Gen-CNC-Pur-MGFy, dated 14.10.2017

POF MGFy invites Pre-qualification documents from foreign OEMs/authorized dealers of European and USA origin for procurement of following CNC Machining Centre.

Sr. No.	Nomenclature
01	CNC Tooled up Machining Centre for manufacturing of 07x components as per Drawing (01 off).

Interested OEMs must provide the following information:-

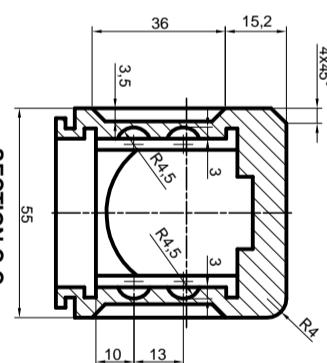
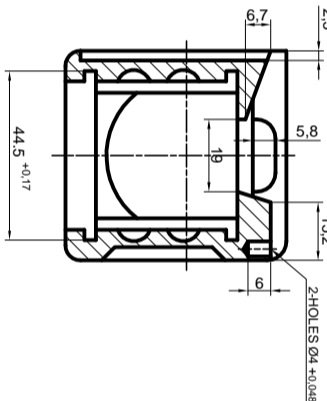
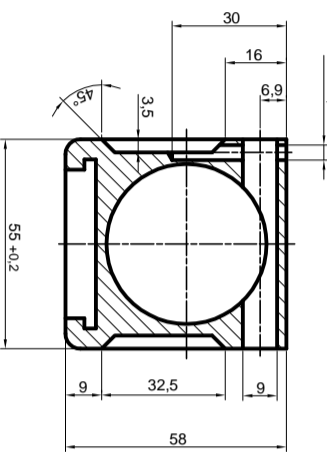
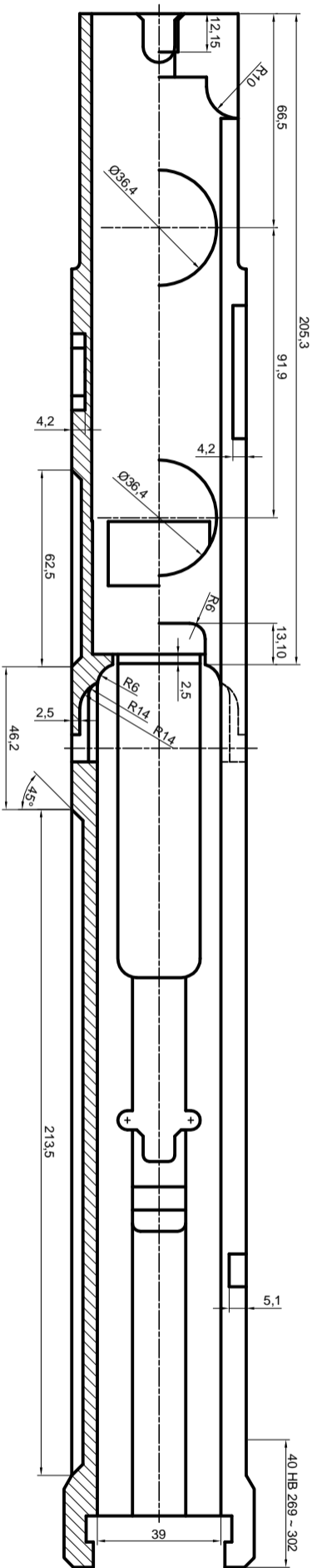
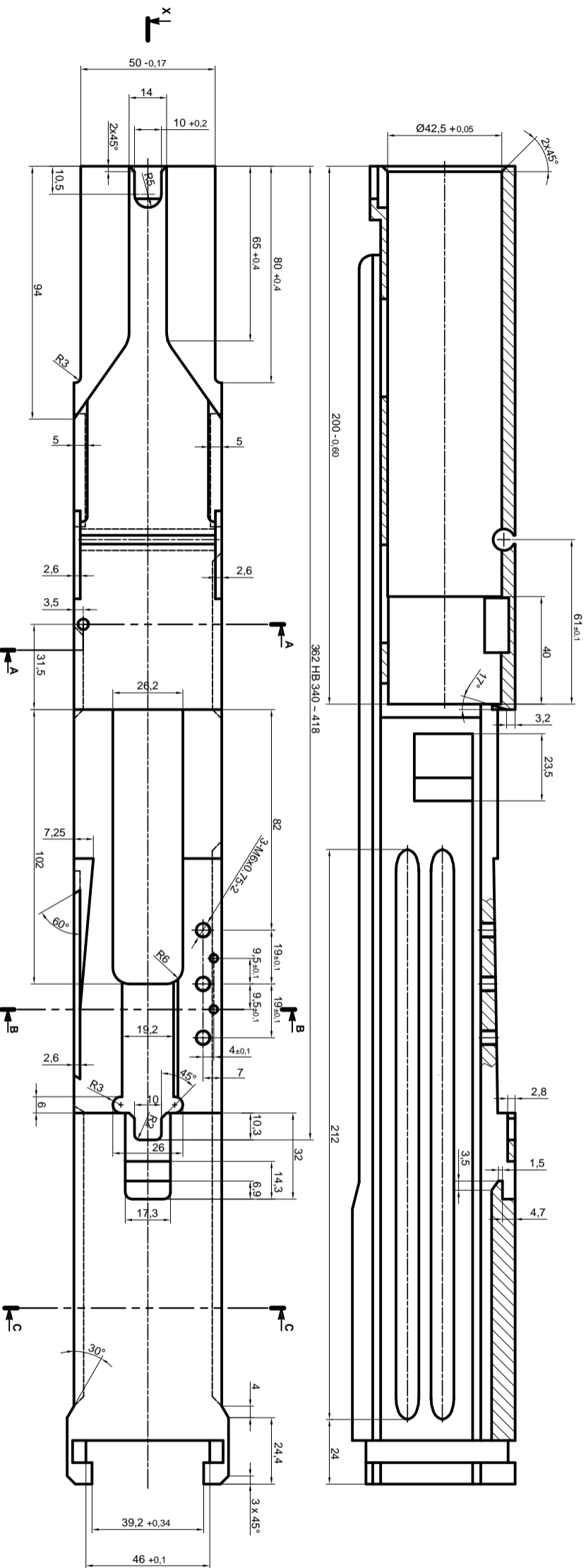
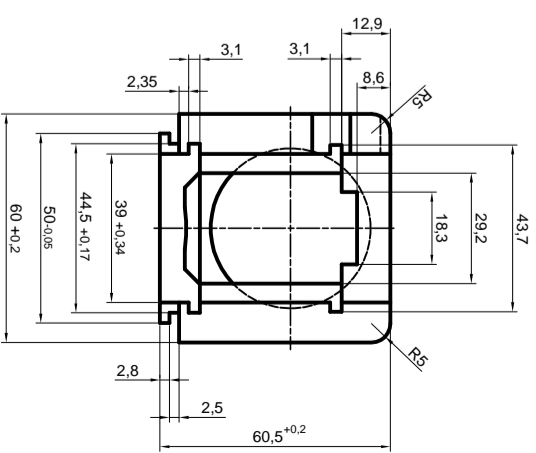
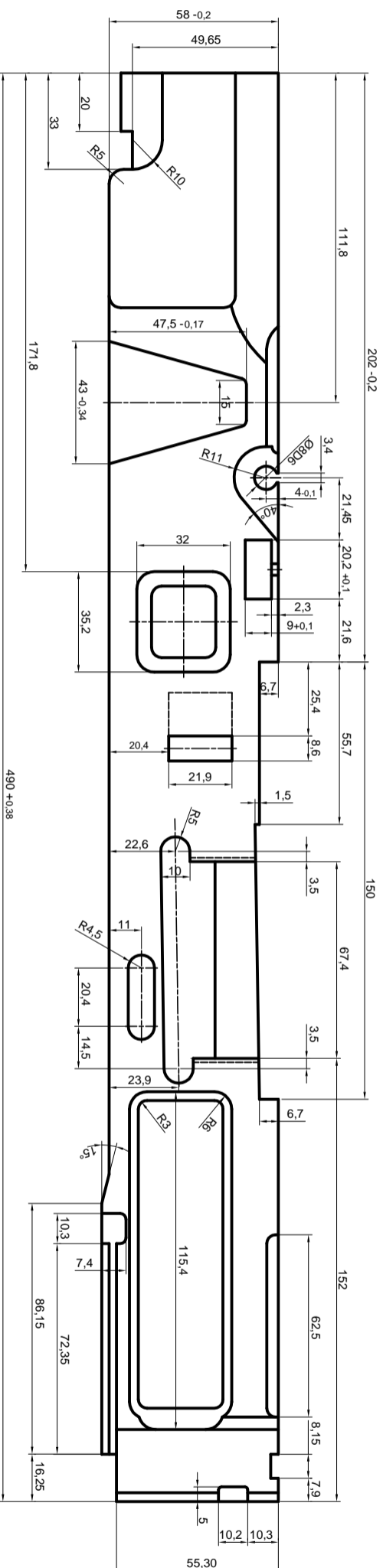
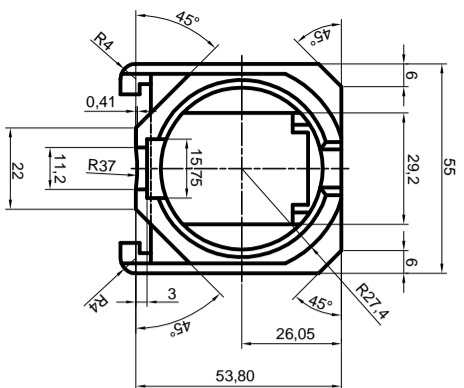
- i. Proof of being an OEM.
- ii. Detail of such type of machines provided to POFs or other costumers world-wide with financial value.
- iii. Back up services in Pakistan.
- iv. The desired capacity of requisite machining centre is @ 300 component each, per year in single shift.

02. Detailed drawings of components can be obtained from the office of MD-MGFy POFs Wah Cantt OR can be downloaded from POF website (www.pof.gov.pk) in order to workout technical specifications of machining centre.

03. Sealed envelops containing pre-qualification documents completed in all respect must reach this office on or before **28-11-2017** but not later than closing time 1200 hrs. The pre-qualification documents will be opened at **1230 hrs** on the same date in the office of Manager-Purchase-MGFy. Tender documents for commercial offer will be issued to the pre-qualified firms only.

04. The competent authority reserves the right to reject any firm. However, reasons for rejection can be provided upon request. In this regard, decision of competent authority will be considered as final and un-challengeable.

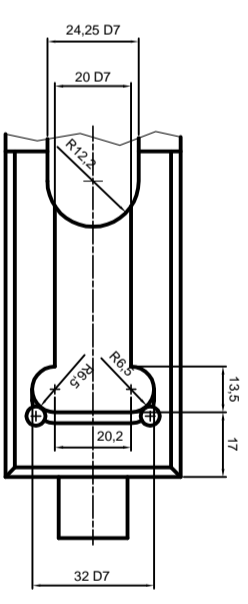
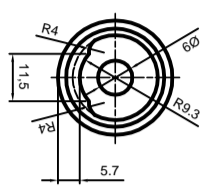
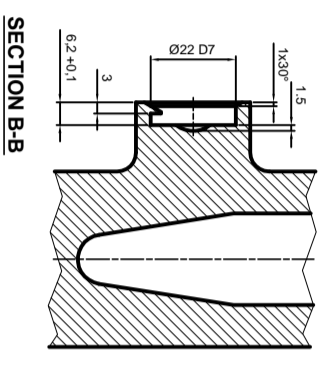
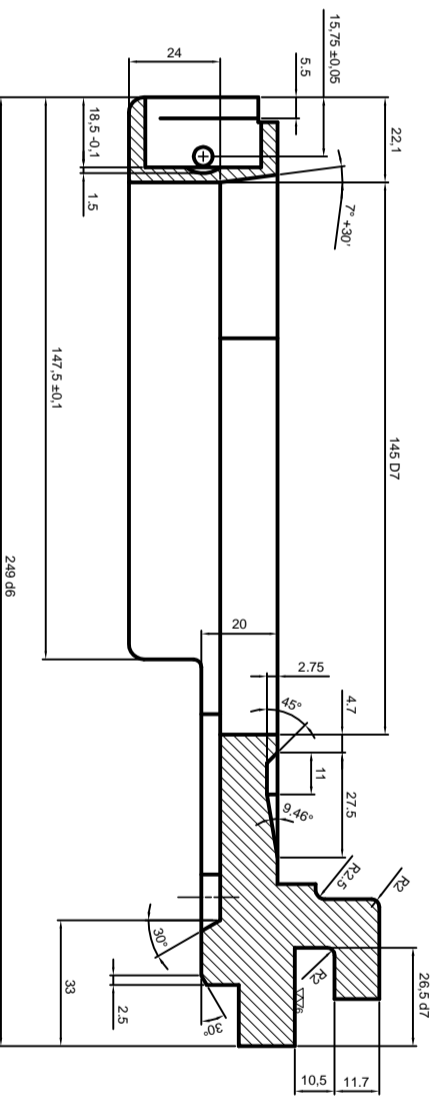
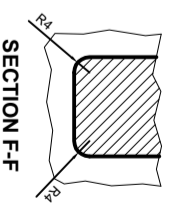
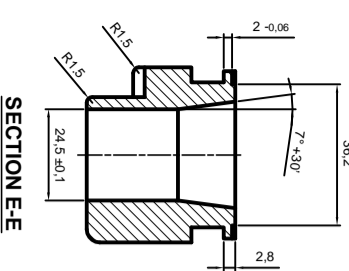
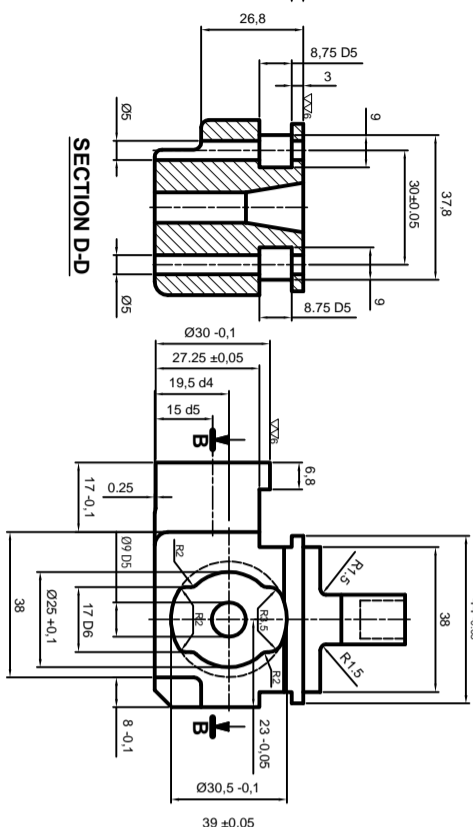
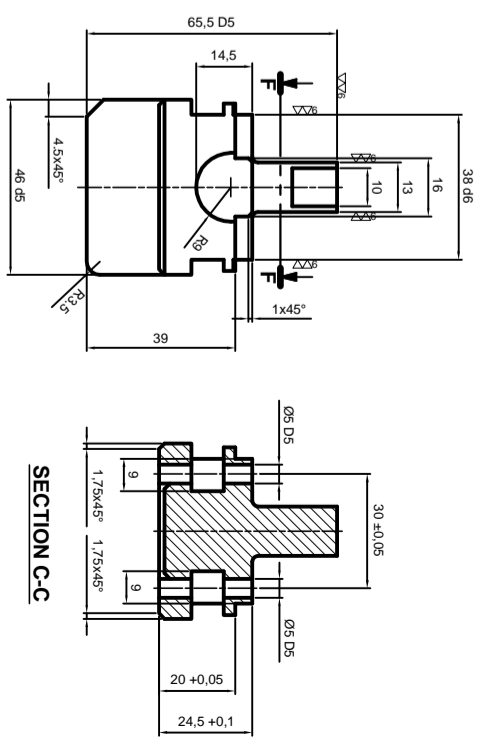
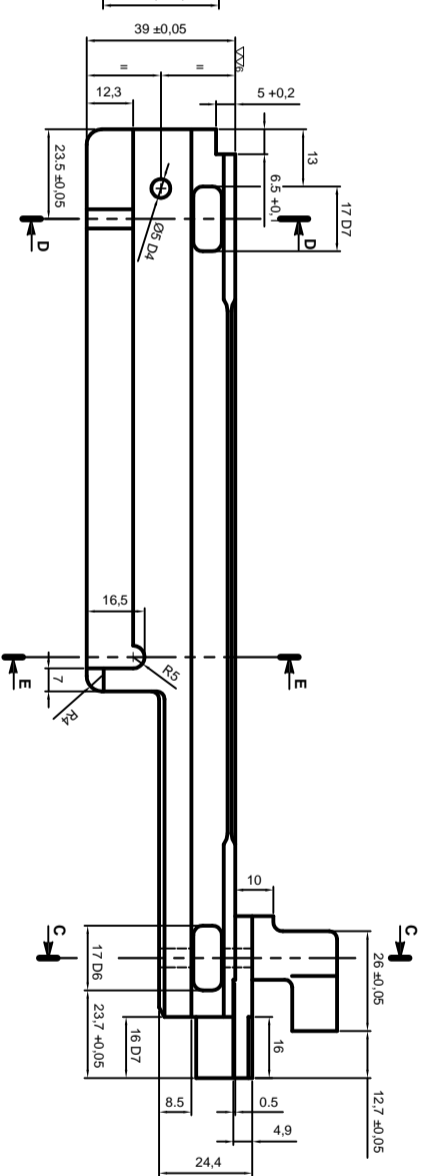
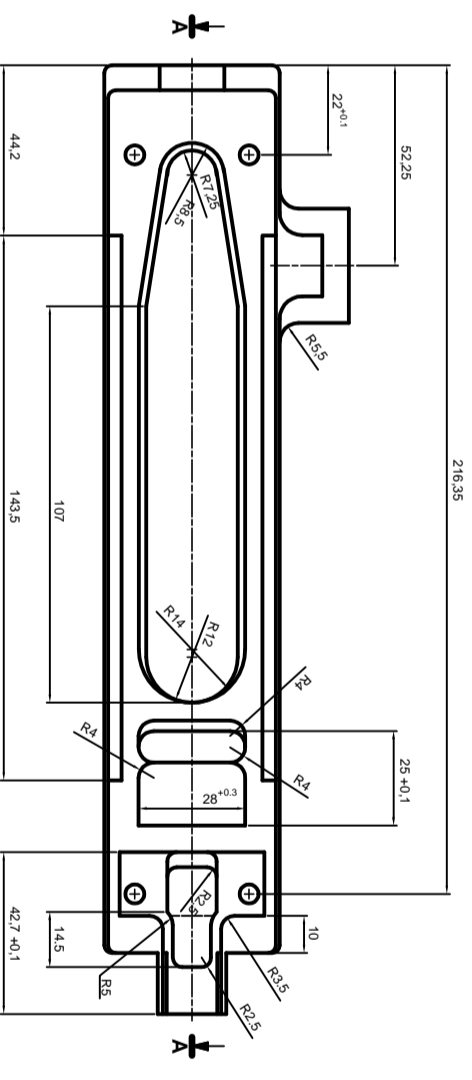

M.D. Machine Gun Factory
Tel: +92-51-9055-22016
Fax: +92-51-9314100/9271400
E-mail: gmmgf@pof.gov.pk



NOTE:

1. MATERIAL: 50 BA YB 481-80 / 50 B YB 481-80
2. HARDEN AS CALLED FOR ON THE DRG.
3. PROCESS - PHOSPHATE 501 TO C1719 Q(C)
4. DENT'S COARSE SCRATCHES AND OTHER DEFECTS SHALL IN NO CASE BE REVEALED ON THE BEARING SURFACE OF LOOKING RECESS IN THE RECEIVER.
5. BOTH THE FILLET AND THE ROUND SHALL BE R0.5MM UNLESS OTHERWISE SPECIFIED.

DATE	MOD. NO.	AMENDMENT	SIGR.	POFS. MG FY
REF. JOB NO. 1466				
MATERIAL: 50 BA YB 481-80	AUTH.	SOURCE: MG FY.	DATE: 15-06-2016	
ALT. MATERIAL: 50 B YB 481-80			SHEET 1 OF 1	
RECEIVER BODY HMGPK16, Cal 12.7 x 108mm				PK16 / 01 / COM-



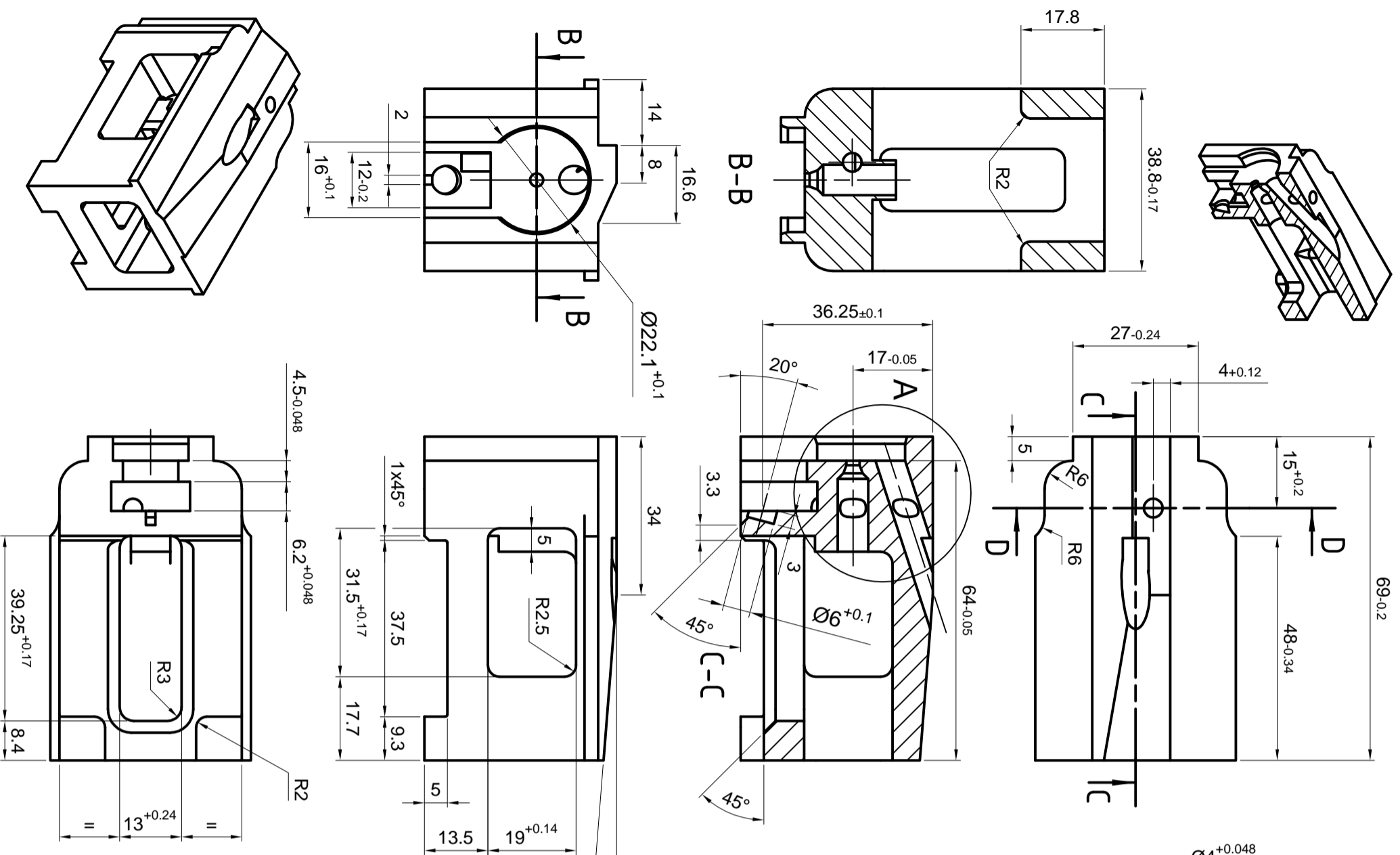
NOTE:-
 1. BOTH THE FILLET AND ROUND SHALL BE 0.5MM
 UNLESS OTHERWISE SPECIFIED.
 3. PHOSPHATE 501 TO C-1719 Q(C).
 4. HARDEN TO HRC 34 - 41

IF IN DOUBT ASK !!

DATE	MOD. NO.	AMENDMENT	SIGR.	DRG. NO.
				PK16 / 02 / COM-9
BOLT SLIDE BODY				
HMGPK16, Cal 12.7 x 108mm				
REF. JOB NO.	1472	AUTH.	SOURCE	DATE:
MATERIAL	30 Cr Ni 3 A VB 481 - 80			15-06-2016
ALT. MATERIAL				SHEET SIZE
				1 OF 1
				A1
				POFS. MG FY

FINISH $\nabla 4$ UNLESS
OTHERWISE SPECIFIED

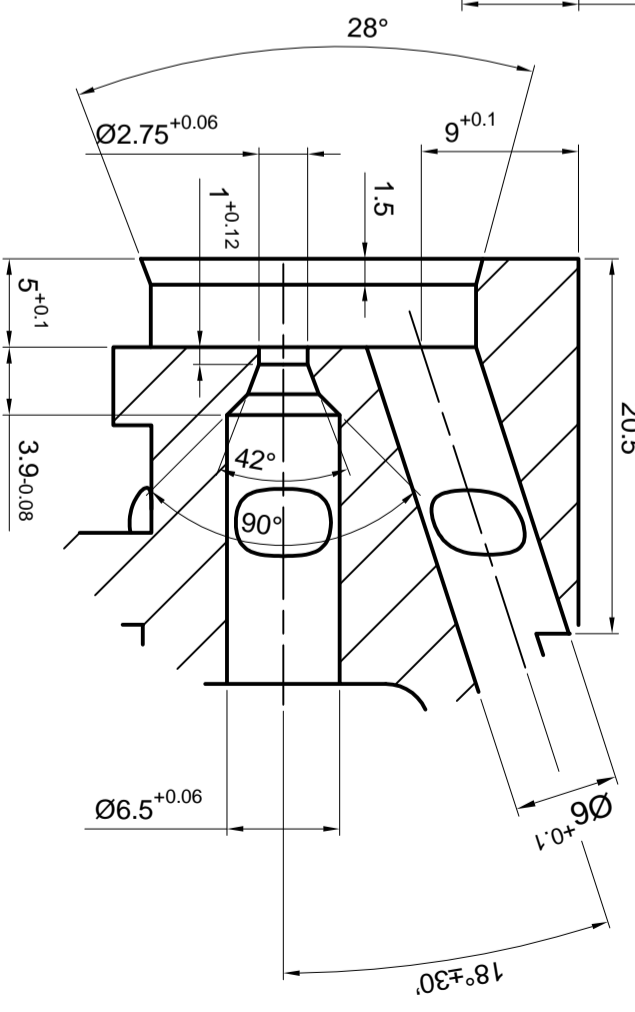
IF IN DOUBT ASK !!



NOTE :

1. DENTS AND INJURIES SHALL IN NO CASE BE PRESENT IN BOLT HEAD RECESS $\varnothing 22.1 \pm 0.1$ mm .
2. THE INTERNAL SURFACE OF EJECTOR HOLE $\varnothing 6 \pm 0.1$ SHALL BE FREE FROM DENTS, AND COARSE SCRATCHES CAUSED BY TOOLS. SLIGHT COARSE SCRATCHES SHALL BE PERMITTED ON THE MOUTH OF EJECTOR HOLE, PROVIDED THEY ARE WITHIN THE LIMIT SPECIFIED ON THE REFERENCE SAMPLE.
3. THE FILLET AND ROUND SHALL BE R 0.5 mm. AND R 0.3 mm. RESPECTIVELY,U.O.S.
4. HARDNESSES TO HRC 37 ~ 44.
5. PHOSPHATE.(THE BOLT HEAD RECESS SHALL NOT BE SAND BLASTED BEFORE PHOSPATING) 501 TO C - 1719 QC .

DETAIL A



DATE	MOD. No.	AMENDMENT	SIGR.
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BOLT BODY

HMGPK16, Cal 12.7 x 108mm

POFS. MG FY.

DRG. No.

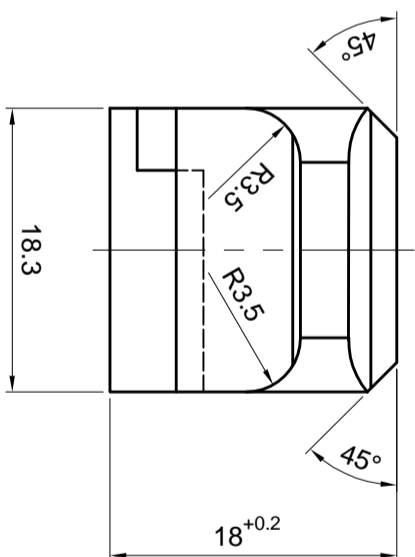
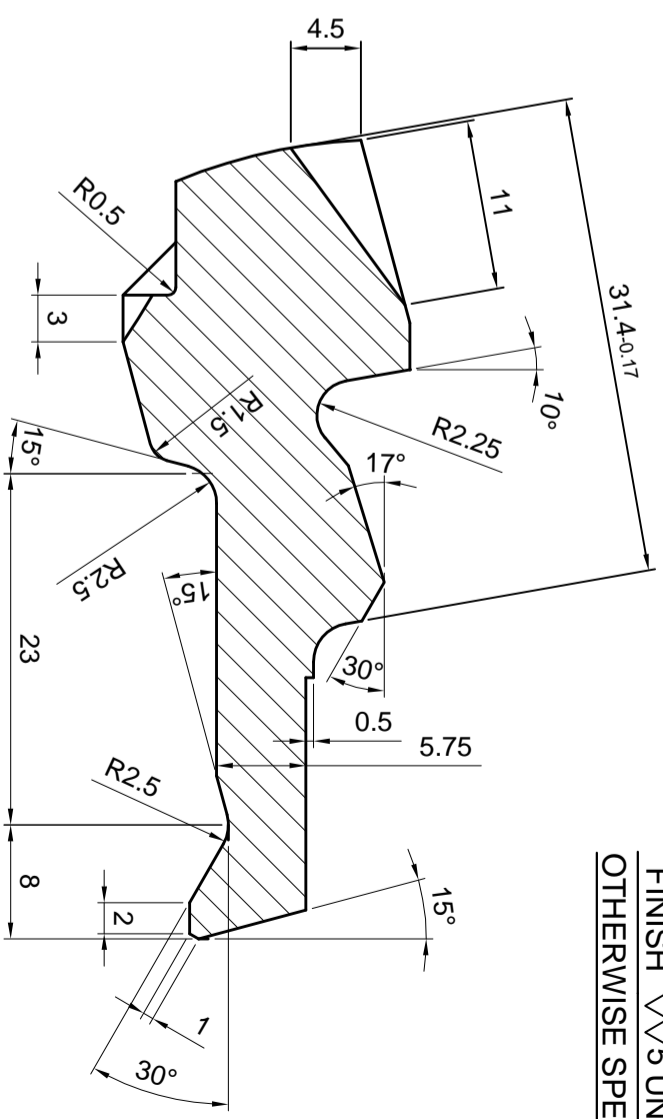
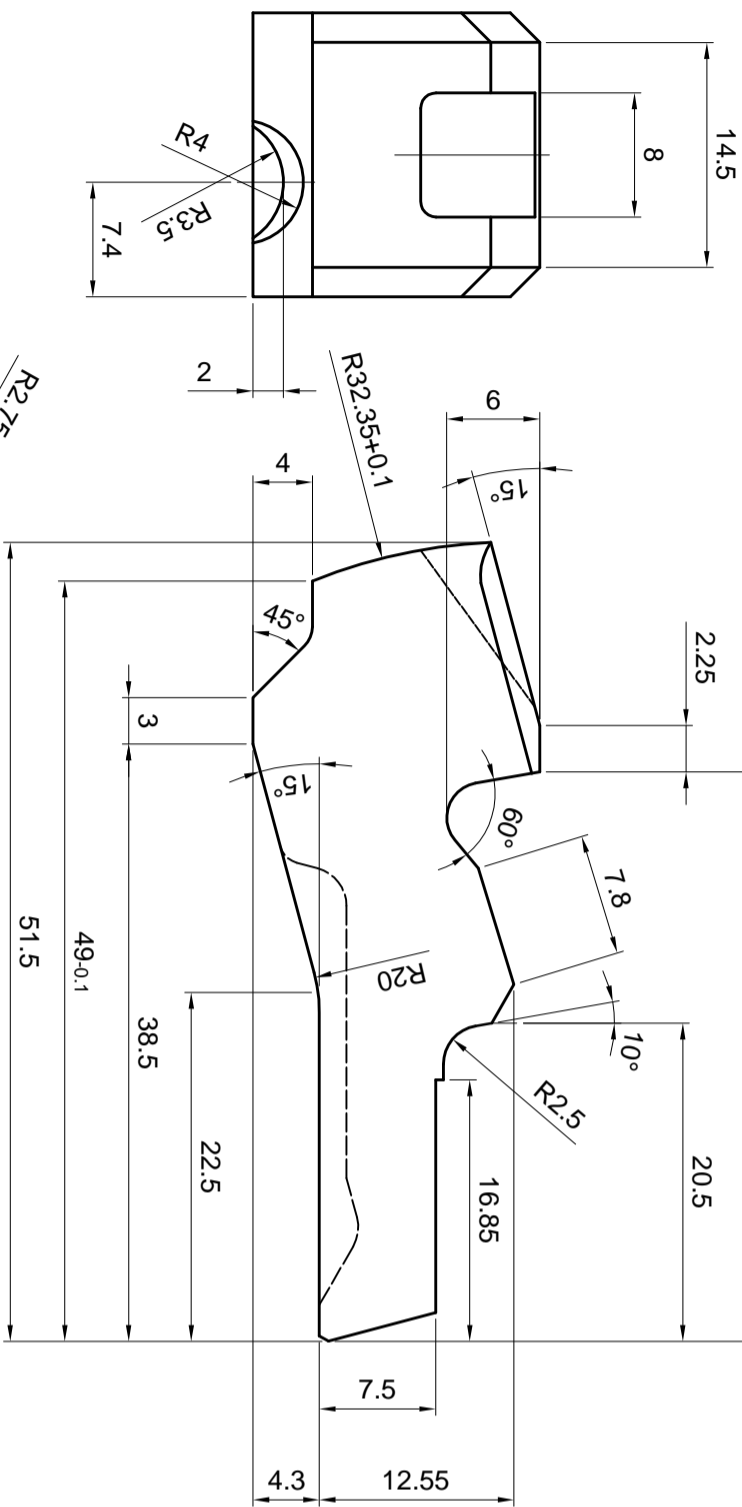
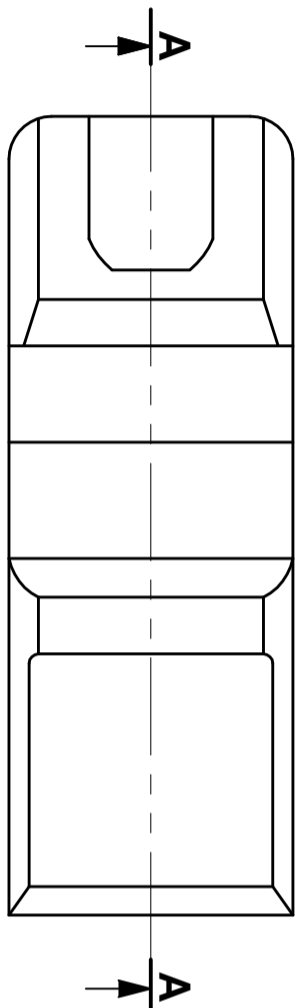
PK16 / 03 / COM-2

REF. JOB No.	AUTH.	SOURCE	DATE:
MATERIAL:	30Cr Ni3 YB 481-80.		22-06-2016
ALT. MATERIAL:			
		SHEET	SHEET SIZE
		1 OF 1	A3

IF IN DOUBT ASK !!

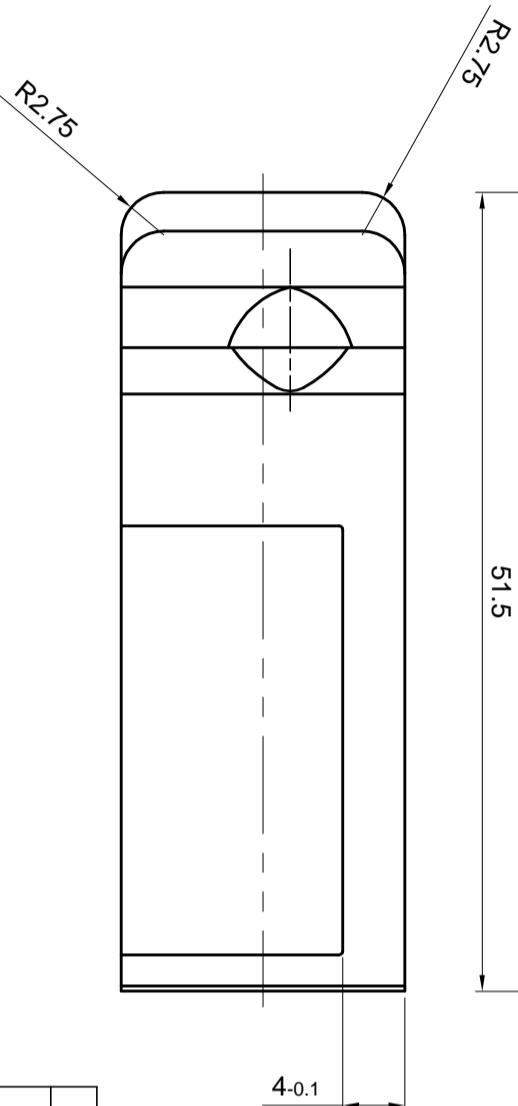
ALL DIMENSIONS ARE IN MILLI.
FIRST / THIRD ANGLE PROJECTION METHOD USED

FINISH $\nabla\sqrt{5}$ UNLESS
OTHERWISE SPECIFIED



NOTE:

1. THE ROUND SHALL BE R 0.5mm UNLESS OTHERWISE SPECIFIED.
2. PHOSPHATE 201 TO C-1719 Q (C).
3. HARDEN TO HRC 39 - 46



DATE	MOD. No.	AMENDMENT	SIGR.

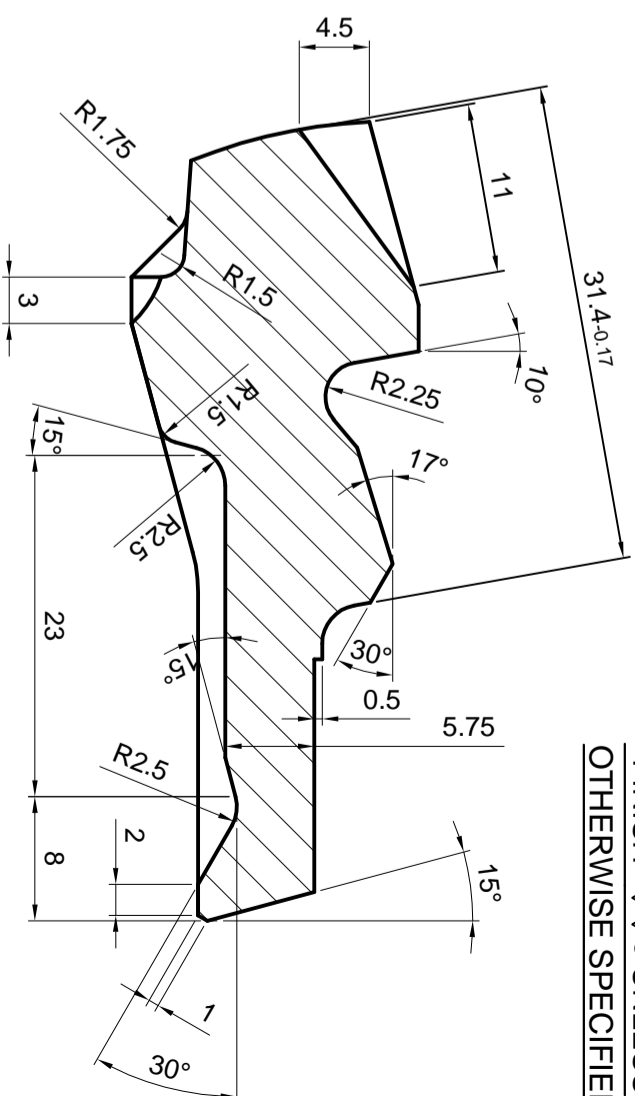
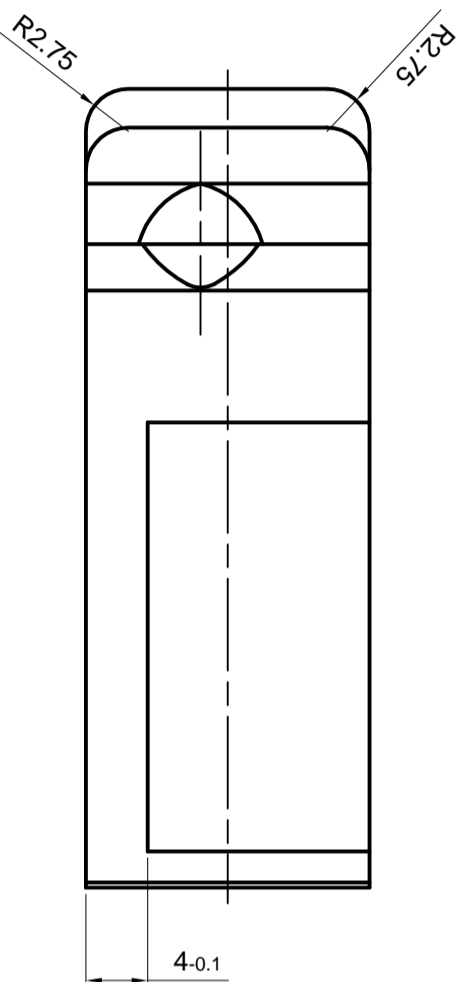
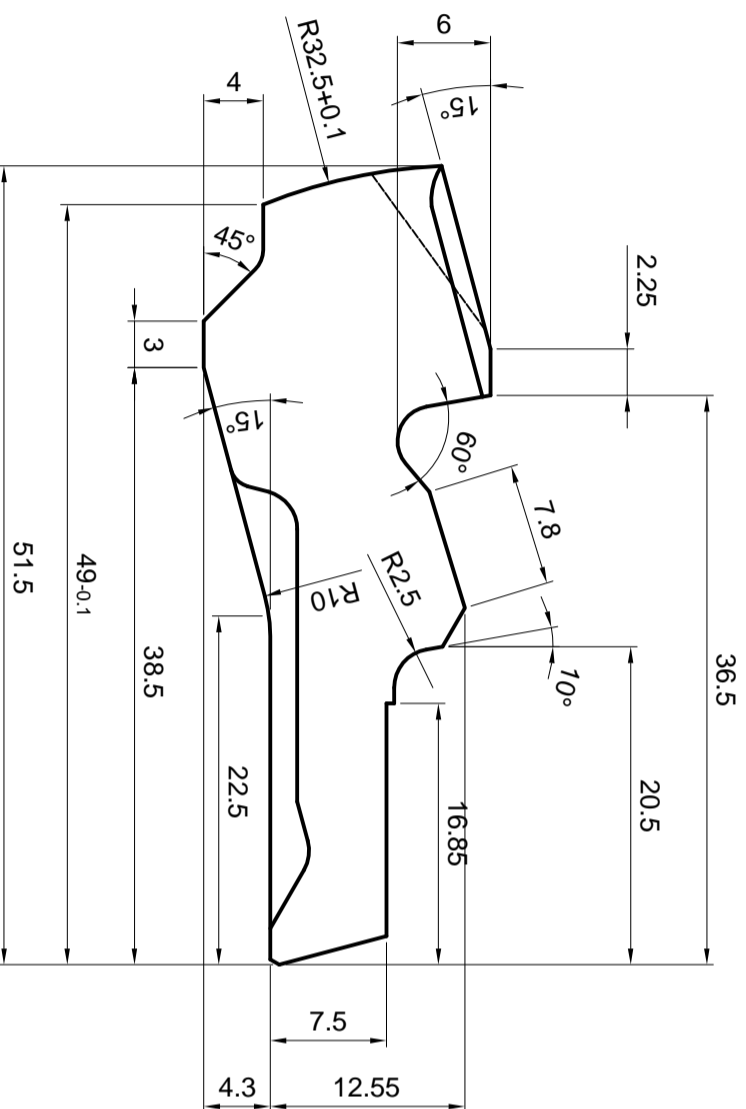
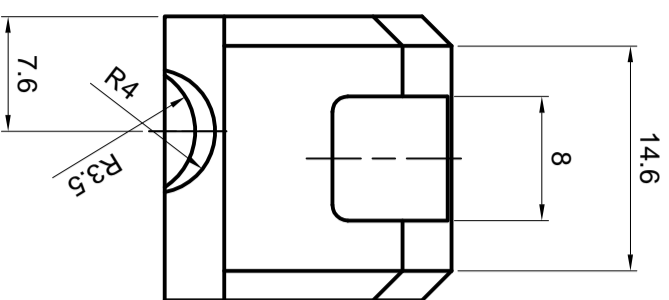
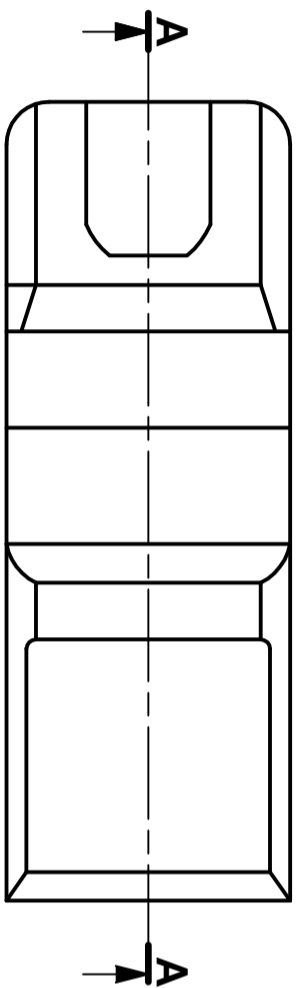
POFS. MG FY.

RIGHT BOLT LOCK
HMGPK16, Cal 12.7 x 108mm

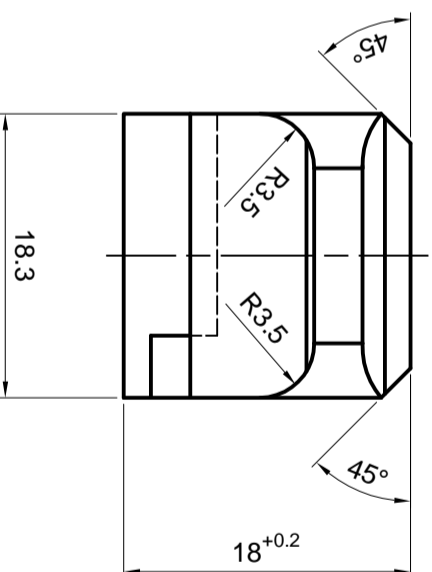
DRG. No.
PK16 / 03 / COM-3

REF. JOB No.	AUTH.	SOURCE	DATE:	28 - 06 - 2016
MATERIAL:	30 Si Mn Mo VA YB 481 - 80		SHEET	SHEET SIZE
ALT. MATERIAL:			1 OF 1	A3

IF IN DOUBT ASK !!



SECTION A-A



NOTE:

1. THE ROUND SHALL BE R 0.5mm UNLESS OTHERWISE SPECIFIED.
2. PHOSPHATE 201 TO C-1719 Q (C).
3. HARDEN TO HRC 39 - 46

ALL DIMENSIONS ARE IN MILLI.
FIRST / THIRD ANGLE PROJECTION METHOD USED

FINISH $\nabla\sqrt{5}$ UNLESS OTHERWISE SPECIFIED

DATE	MOD. No.	AMENDMENT	SIGR.
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POFS. MG FY.

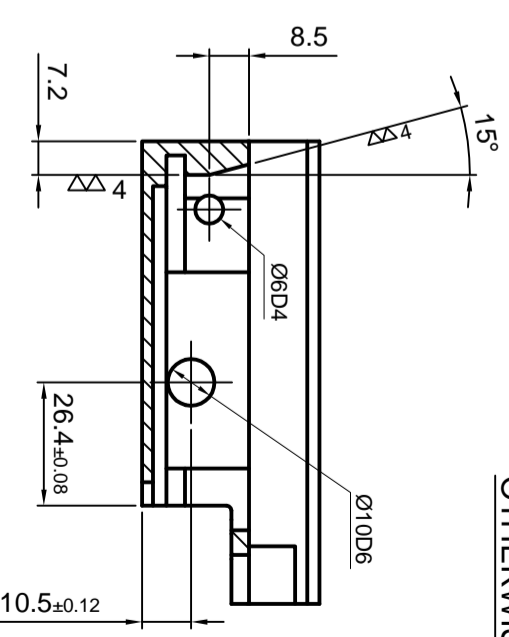
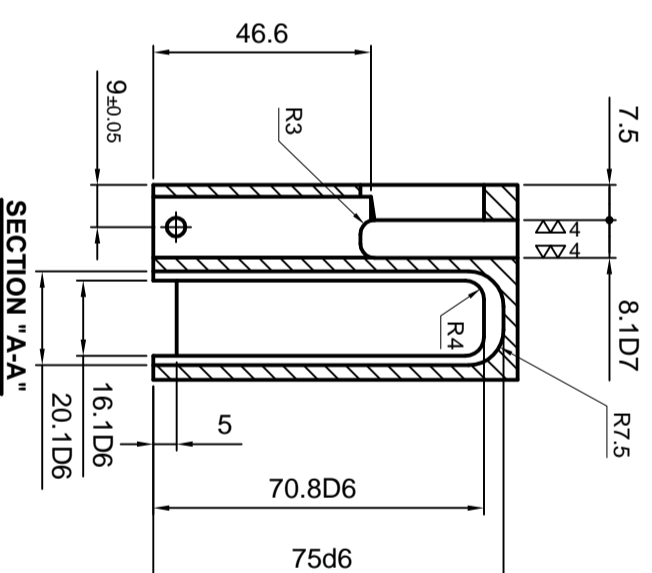
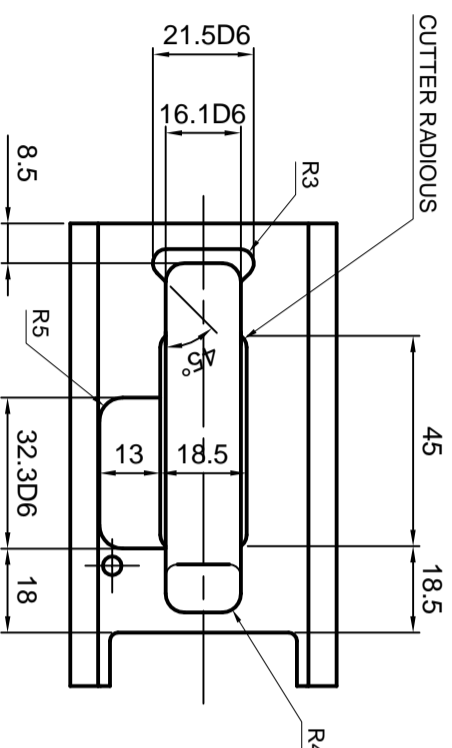
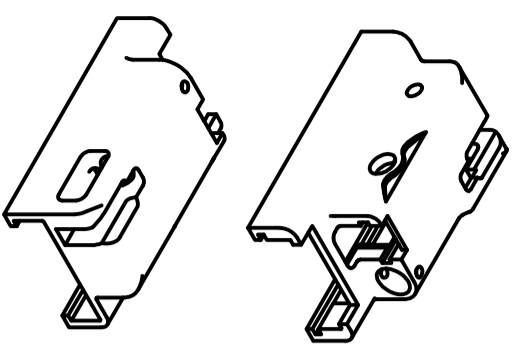
LEFT BOLT LOCK
HMGPk16, Cal 12.7 x 108mm

DRG. No.
PK16 / 03 / COM-6

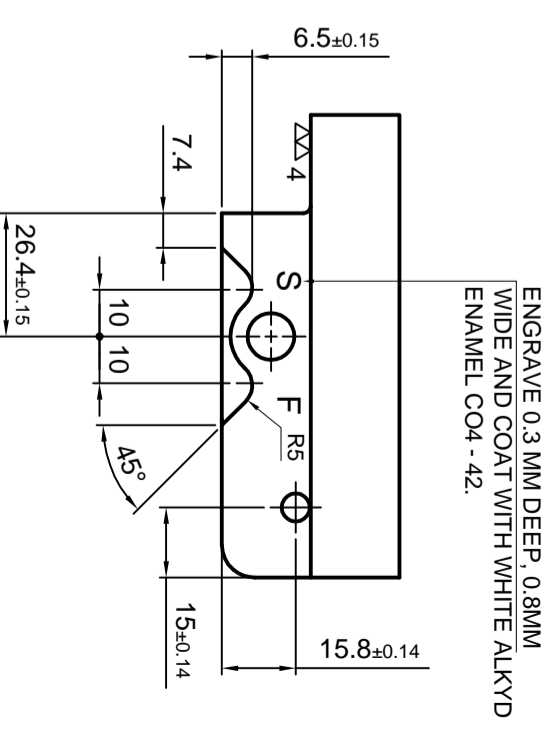
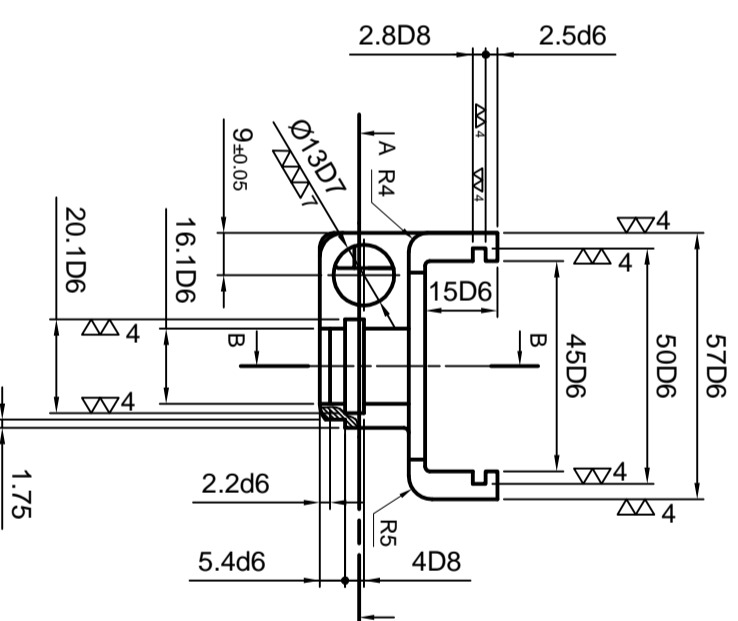
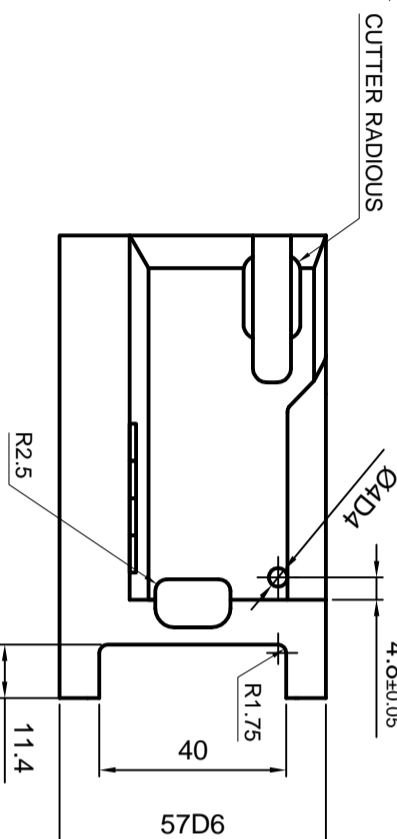
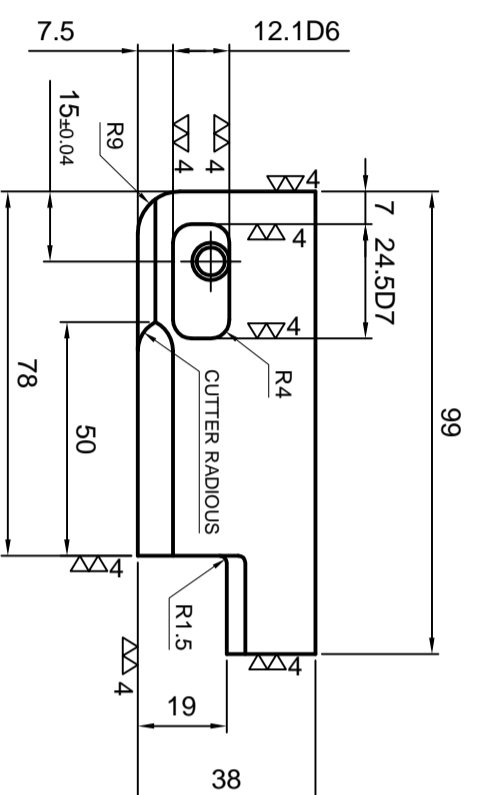
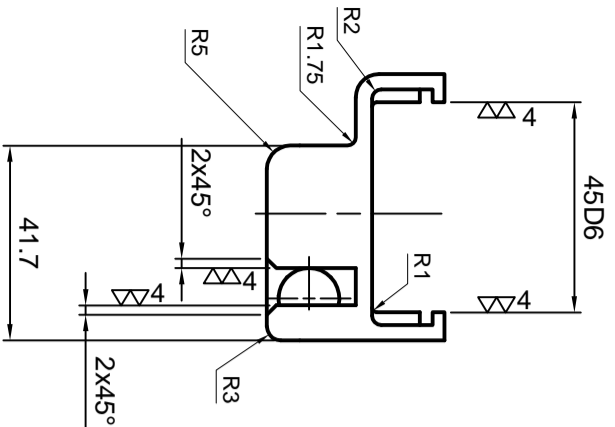
REF. JOB No.	AUTH.	SOURCE	DATE:
MATERIAL:	30 Si Mn Mo VA YB 481 - 80		28 - 06 - 2016
ALT. MATERIAL:			
			SHEET
			1 OF 1
			SHEET SIZE
			A3

ALL DIMENSIONS ARE IN MILLI.
FIRST / THIRD ANGLE PROJECTION METHOD USED

FINISH $\nabla 5$ UNLESS
OTHERWISE SPECIFIED



IF IN DOUBT ASK !!

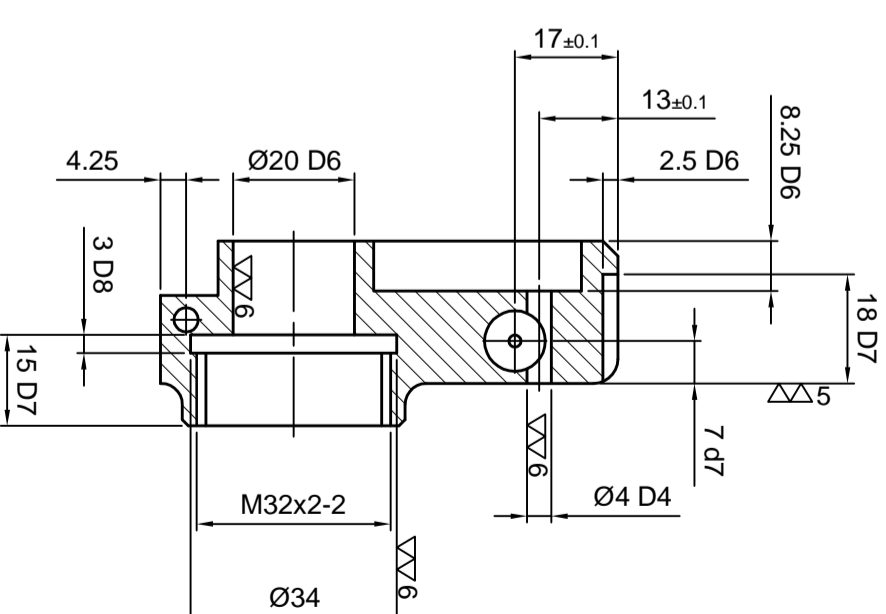
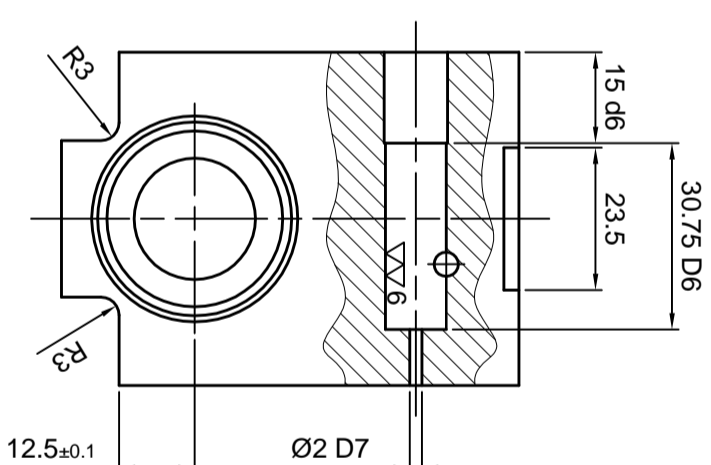
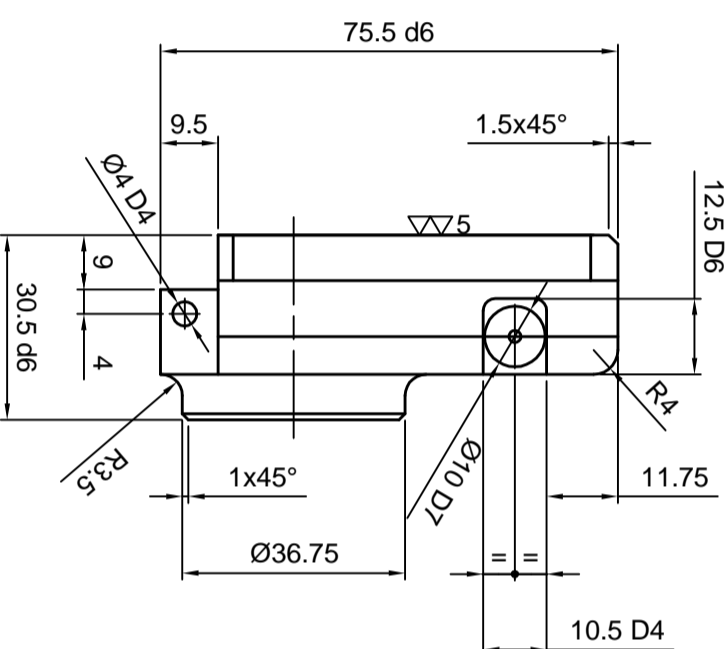
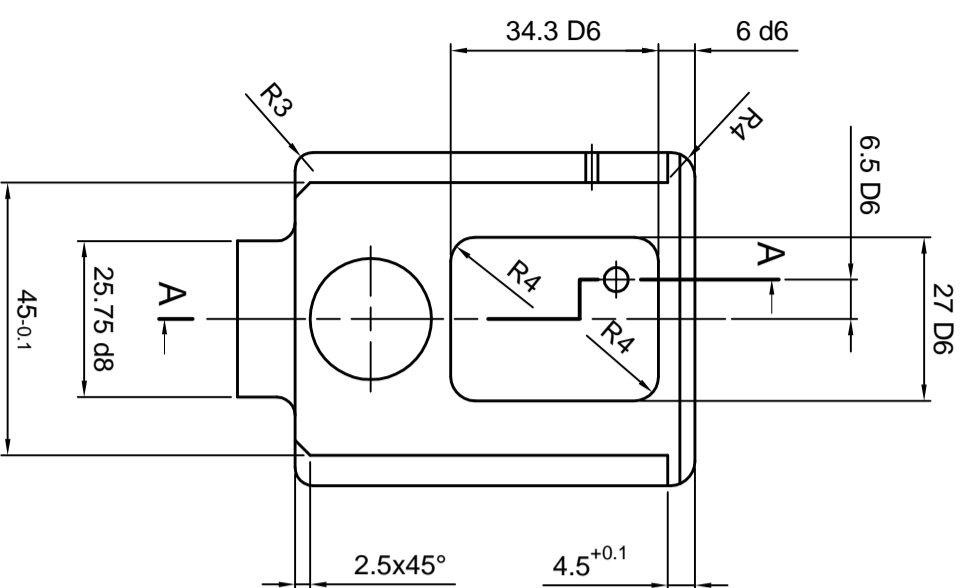
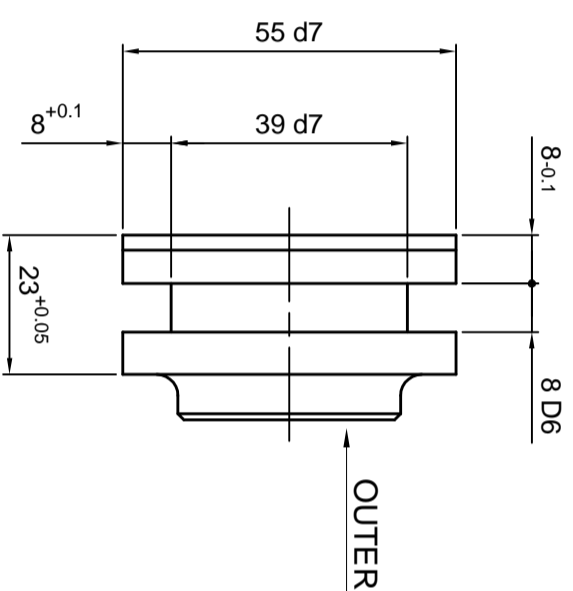


NOTE-

1. The Fillet and round shall be R 0.4mm and R 0.5mm respectively unless otherwise specified.
2. Harden HRC 35-41.
3. Phosphate and Electrochromically paint, OR phosphate class II to DEF STAN 03-11/2 and finally to be painted with paint finishing GS Stoving to DEF STAN 80- 48/1
4. The Character "F" shows Fire and "S" to Safety

DATE	MOD. No.	AMENDMENT	SIGR.
SEAR SEAT			
HMGPK16, Cal 12.7 x 108mm			
REF. JOB No.	AUTH. GM-MG FY.	SOURCE	DATE:
MATERIAL:	50 B YB 481 - 80.		SHEET
ALT. MATERIAL:			1 OF 1
			SHEET SIZE
			A3
POFS. MG FY.			DRG. No.
PK16 / 04 / COM-11			PK16 / 04 / COM-11

FINISH $\nabla 4$ UNLESS
OTHERWISE SPECIFIED



SECTION "A - A"

IF IN DOUBT ASK !!

NOTES :

1. THE FILLET AND ROUND SHALL BE 0.4mm & 0.5mm RESPECTIVELY UNLESS OTHERWISE SPECIFIED.
2. HARDEN TO HRC 35 ~ 41

DATE	MOD. No.	AMENDMENT	SIGR.
BACK PLATE BODY			
HMGPk16, Cal 12.7 x 108mm			
REF. JOB No.	AUTH.	SOURCE	DRG. No.
MATERIAL:	50 BA YB 481 - 80		PK16 / 05 / COM-4
ALT. MATERIAL:			DATE: 18 - 07 - 2016
			SHEET 1 OF 1
			SHEET SIZE A3
POFS. MG FY.			