



GOVERNMENT OF PAKISTAN  
PAKISTAN ORDNANCE FACTORIES  
TENDER ENQUIRY

To

M/s

\_\_\_\_\_  
\_\_\_\_\_

Dear Sirs,

Reference: TENDER ENQUIRY NO. **5167-41-CAPT-P782-SJL** DATED **05-10-2017**

You are requested to submit quotations for the items(s) noted in the Schedule to the Tender. Offers should be sent duly sealed in an envelope. Please note the following instructions for filling the tender:-

1. **SUBMISSION OF TENDER**

1.1 Tenders will be opened at **1230 hours** on **14-11-2017** and must reach this office on or before **1200 hour upto due date**. The tender received late will not be entertained. You may witness the opening of the tender if you so desire. If a representative is deputed, he should bring a letter of authority from you.

1.2 Only one tender should be included in one envelope. The outside of the envelope should be inscribed with:-

Tender Enquiry No: **5167-41-CAPT-P782-SJL** DATED **05-10-2017**

Tender to be opened on: **14-11-2017**

Address as follows:-

**MANAGING DIRECTOR POF SANJWAL DISTT. ATTOCK**

1.3 If envelope does not indicate reference of TEs or received late the same may be returned un-opened.

2. **GENERAL INSTRUCTIONS REGARDING PREPARATION OF QUOTATIONS**

2.1 For materials, the prices should be filled in column 5 and delivery date in column 6 of the schedule to this Tender Enquiry. The undertaking should be signed at the bottom of the Schedule which shall form the Quotation. You may use a separate sheet if necessary.

2.2 For Plant and Machinery, you are required to quote in two parts:-

Part I "TECHNICAL OFFER" It should exclusively give technical details and literatures/brochures of the offered plant, machinery and equipment; validity date; delivery schedule; and signed undertaking given on the schedule to this Tender Enquiry. It must not indicate price, costs etc.

Part II "COMMERCIAL OFFER" It should indicate the commercial terms e.g. price, terms of payment, mode of payment, mode of supply.

Each part should be placed in a separate sealed cover. The envelopes should be inscribed with: Part I "Technical Quotation without price" and Part II "Commercial Quotation with Price."

- 2.3 The quotation must remain valid for, at least 90 days from the date of opening of tenders.
- 2.4 The quotation should hold good for any reduced or enhanced quantities without notice.
- 2.5 In the event of non-acceptance of offer, intimation may be given to the tenderers on their request.
- 2.6 Conditional offers or alternative offers are likely to be ignored.
- 2.7 Quotations should be based on F.O.B. The consignment will be shipped through Pakistan National Shipping Corporation (PNSC). In case there is no PNSC service in the country of shipping, please quote on C & F basis. The freight should be indicated separately. Insurance premium should not be included in the quoted price. However where insurance is considered necessary, advice to that effect should be given in the quotation.
- 2.8 Submission of the offer through an agent in Pakistan should be avoided. In case it is considered inevitable, the agent's quotation must invariably be accompanied by the original proforma invoice from the principals/ manufacturers.
- 2.9 Country of origin and port of shipment to be stated.
- 2.10 The offer of principal must clearly indicate whether the rate quoted is inclusive of agent's commission, and if inclusive rate of commission included be specified.
- 2.11 Suppliers will render necessary information regarding hazardous effects on environment, of the materials/products supplied by them, in their quotations and shipping/Dispatch documents.
- 2.12 If the requisite information is not furnished on the T.E form or offer received is not in conformity with the requirement of the T.E such offer shall be ignored.

### 3. INSPECTION

3.1 Supplies shall be subject to the inspection and acceptance by the competent inspection authority nominated by the Purchaser, who will arrange it at his own cost, inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the Suppliers in accordance with the relevant specifications.

3.2 Where considered necessary by the Purchaser, stores may be obtained on Warranty/Guarantee, subject to inspection on receipt. Rejected stores will be removed and replaced with the acceptable stores by the Supplier at his own expense, within a specified time.

#### 3.3 TENDER SAMPLE

Where required offer must accompany tender sample strictly according to the description given in tender Enquiry. Offer not accompanied by tender sample will NOT be entertained excepting the established and reputable firms who have either previously satisfactorily supplied the same or similar stores or have submitted an acceptable samples thereof against previous T.E.

### 4. ACCPTANCE OF OFFERS

4.1.1 The procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.

4.1.2 Procuring agency shall incur no liability, solely by virtue of its invoking sub-rule (1.1) towards suppliers or contractors who have submitted bids or proposals.

4.1.3 Notice of the rejection of all bids or proposals shall be given promptly to all suppliers or contractors that submitted bids or proposals.

#### 4.2 PERFORMANCE BOND

(a) The successful bidders will provide Performance Bond at the rate upto 10% of F.O.B. value of contract in favour of the Controller Military Accounts (CMA) POF Wah Cantt. The Performance Bond will be furnished in the form of Deposit At Call Receipt (CDR) from any scheduled Bank in Pakistan or an unconditional bank guarantee on prescribed proforma covered by any scheduled bank in Pakistan. The Performance Bond shall be furnished within 45 days from the date of opening of Letter of Credit. It shall be valid for a period of 12 months after the date of expiry of letter of credit. If the Performance Bond is not furnished within the prescribed time of 45 days, the Purchaser reserves the right to:

i. Impose penalty @ 1 % per month of the value of CDR/BG.

(Clause-4.2 (a i) is not applicable in case of procurement of

Plant / Equipment / Machinery items)

OR

ii. Cancel the contract and make other arrangements for purchase of the stores at the risk and expense of the Supplier.

(b) No Performance Bond will be required if the total FOB value of the contract is less than US\$ 50,000 and contract is placed directly on the foreign Supplier.

#### 4.3 FAILURE TO SUPPLY THE STORES

All deliveries must be completed by the specified date. If the failure to deliver the stores within the scheduled time should have arisen from "Force Majeure", which the Purchaser may admit as reasonable ground for further time, he will allow such additional time as he may consider to have been required by the circumstances of the case. Otherwise, he will be entitled, at his discretion, to cancel the contract; and/or, claim liquidated damages upto 2% but not less than 1% of the contract price of the items and their quantities for each and every month or part of a month, beyond the specified delivery date, during which these may not be delivered, subject to a maximum of 10% of the total contract value of particular store which remained unsupplied either in part or in full or, to purchase, from elsewhere, the unsupplied stores at the risk and cost of the Supplier.

#### 4.4 PAYMENT

Payment will normally be made by means of irrevocable letter of credit. Unless otherwise stated 90% payment will be released on submission of Dispatch documents to Bank while balance 10% payment will be released on receipt and acceptance of store by the consignee.

All Bank charges incurred in Pakistan in connection with the establishment of L.C. will be borne by the Purchaser, whereas all Bank charges incurred in connection with drawing of payment including charges for confirmation of L.C. by the advising Bank/Foreign Bank will be borne by the Supplier.

#### 5 SECURITY OF INFORMATION

The tenderer and his employees must not communicate any information relating to the sale/purchase of stores under this enquiry to any person other than the manufacturer or to any press or agent not authorized in writing by POFs to receive it.

Please return the Schedule to the Tender duly signed by the specified date, alongwith the specifications drawings etc. if any, enclosed herewith - even if you are unable to quote.

WARNING

In case the firm abstain from making offers or fail to return/acknowledge the tender form by the specified date on three consecutive occasions, no further tender enquiry may be issued to them and their names would liable to be removed from the approved list.

Yours faithfully,

(Muhammad Arshad)  
Managing Director

Tele:

Fax: 0092-51-9316252

E-mail address: [missanjwal@hotmail.com](mailto:missanjwal@hotmail.com)

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO  
TO BE OPENED ON.

**5167-41-CAPT-P-782-SJL**  
**14-11-2017**

DATED

**05-10-2017**

(1) FOR MATERIALS

SR. NO.	DESCRIPTION OF STORE	A/U	QTY.	PRICE PER UNIT FOB / C&F	DELIVERY DATE/PERIOD
1	<b>Pocketing Machine</b> As per Annex-A attached Drawing of components to be manufactured by M/C is attached.	NO	01		
2	<b>Heading Machine</b> As per Annex-A attached Drawing of components to be manufactured by M/C is attached.	NO	01		

(2) For Plant & Machinery:

Specification:-

(3) Special Conditions.

(4) Undertaking

Should our offer be accepted, we hereby undertake to supply the stores/render the services contracted on the basis of General Conditions of Contract embodied in Form POF 1282, and to deposit the performance bond within the prescribed time, failing which it will constitute a breach of contract, and POF will have the right to purchase the stores/services elsewhere at our risk and cost.

Place\_\_\_\_\_

Date\_\_\_\_\_

Signatures of the Tenderer:\_\_\_\_\_

Name:\_\_\_\_\_

Position:\_\_\_\_\_

Address:\_\_\_\_\_

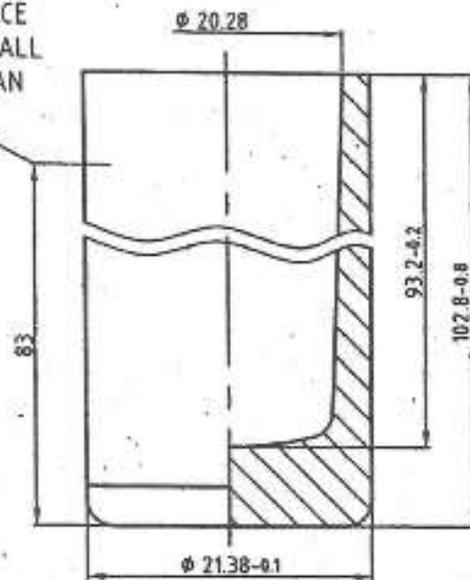
Income Tax G.I.R.No:\_\_\_\_\_

**TECHNICAL SPECIFICATION**  
**Of**  
**POCKETING / HEADING PRESS**

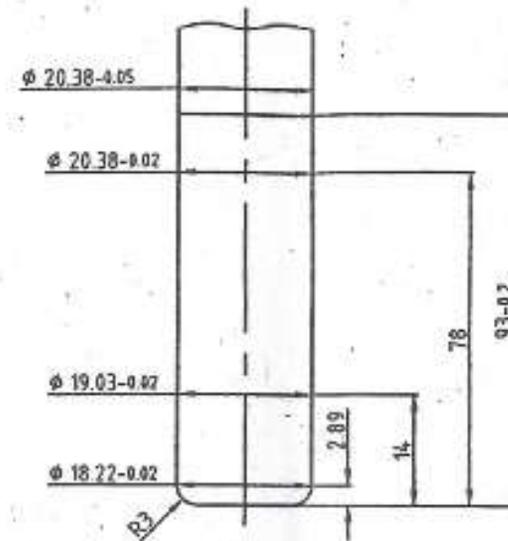
1. **Description of the Press:** Pocketing / Heading Presses tooled up to produce components as per attached drawings No. PDO/H/COM-862 & PDO/H/COM-863, Qty 01 Off. (Convertible for both operations by changing of tooling).
2. **Capacity of Press:** 100 Tons (Minimum)
3. **Type:** Mechanical
4. **Frame:** Horizontal
5. **Feeding:** Hopper.(Automatic)
6. **Production Rate:** 60 components per minute minimum.
7. **OEE:** 85%
8. **Day light:** OEM
9. **Shut Height:** OEM
10. **Length of Stroke:** OEM
11. **Slide Adjustment:** OEM
12. **Ejecting Force:** OEM
13. **Component Collection:** Suitable system to extract the finished components without damaging.
14. **Clutch & Brake:** Dry/segmented disc type
15. **Motor:** Preferably 14-20HP
16. **Tool Clamping and Change Over:** clamping and change over mechanism should be simple, robust and reliable.
17. **Tooling Life:** OEM will indicate the tooling life
18. **Air Supply:** 6 bar
19. **Lubrication System:** Automatic
20. **Colour:** Colour of the machine should be Green RAL6011.
21. **Electric supply:** 220VAC, 50Hz, 1Phase & 400VAC, 50 Hz, 3Phase. The standard supply voltage has variation of 5% whereas in contingency conditions the variation may go up to 10%. Suitable devices to keep the system be provided.
22. **Earthing:** The equipment should be earthed.
23. **Protections:** The equipment should have line protection circuit breakers with thermally delayed overload release and or electro-magnetic quick acting release, as required. It should be followed by cut-out and safety fuses to provide optimum selectivity, if necessary. All motors should be appropriately protected.
24. **Protection Clause:** IP-54
25. **Accuracy:** The industrial electrical measuring instruments, wherever used should have an accuracy of Class 1 or better.
26. **Temperature: Extreme,** -5 degree C to 55 degree C in Winter and Summer respectively.
27. **Insulation:** The requirement is for Class-B.
28. **Humidity:** 95%
29. **Literature:** 04 x sets of operating and maintenance manuals, details of electric schematics, PCBs and Brochures of the offered model must accompany the technical offer.
30. **Spare Parts:** Parts having wear & tear for 02 x year operation would be part of supply.

31. **Tooling with drawings:** Tooling for 02 x million components will part of delivery. (01 Mn for Pocketing and 01 Mn for Heading operations).
32. **Safeties:** All safeties against electrical hazard, operator and setter safeties. Arrangement for reversing the Press in case stuck up at the end of stroke.
33. **Lifting Arrangement:** Press should be equipped with suitable lifting arrangements for installation and commissioning.
34. **Training:** POF team comprises of 04 x officials would be trained for 02 x weeks in OEM premises. All expenditures including boarding, lodging, air tickets & inland travelling would be borne by seller.
35. **PSI** would be carried out by 02 x Purchaser engineers for 01 x week. All expenditures including boarding, lodging, air tickets & inland travelling would be borne by seller.
36. **Components for training & PSI:** Qty 5,000 components would be supplied by Purchaser for training and PSI. Same components will be used for both operations i.e. Pocketing and Heading.
37. **Installation and commissioning** of Press at Purchaser premises is the responsibility of the Seller. Pocketing / Heading of 100,000 components would be the condition for acceptance of the Press. (50,000 for each operation).
38. **Foundation Drawing:** Seller will provide the drawing for installation of the Press.
39. **Payment:** 70% payment would be released against shipping document. 30% payment would be released after installation and successful commissioning as per clause No. 37.
40. **Warranty Guarantee.** Warranty period of the Press would be 01 x year after successful commissioning. Performance bond @ 10% valid for 01 x year would have to be submitted.

WALL THICKNESS DIFFERENCE  
NOT MORE THAN 0.1 MM WALL  
THICKNESS NOT MORE THAN  
0.48 MM.

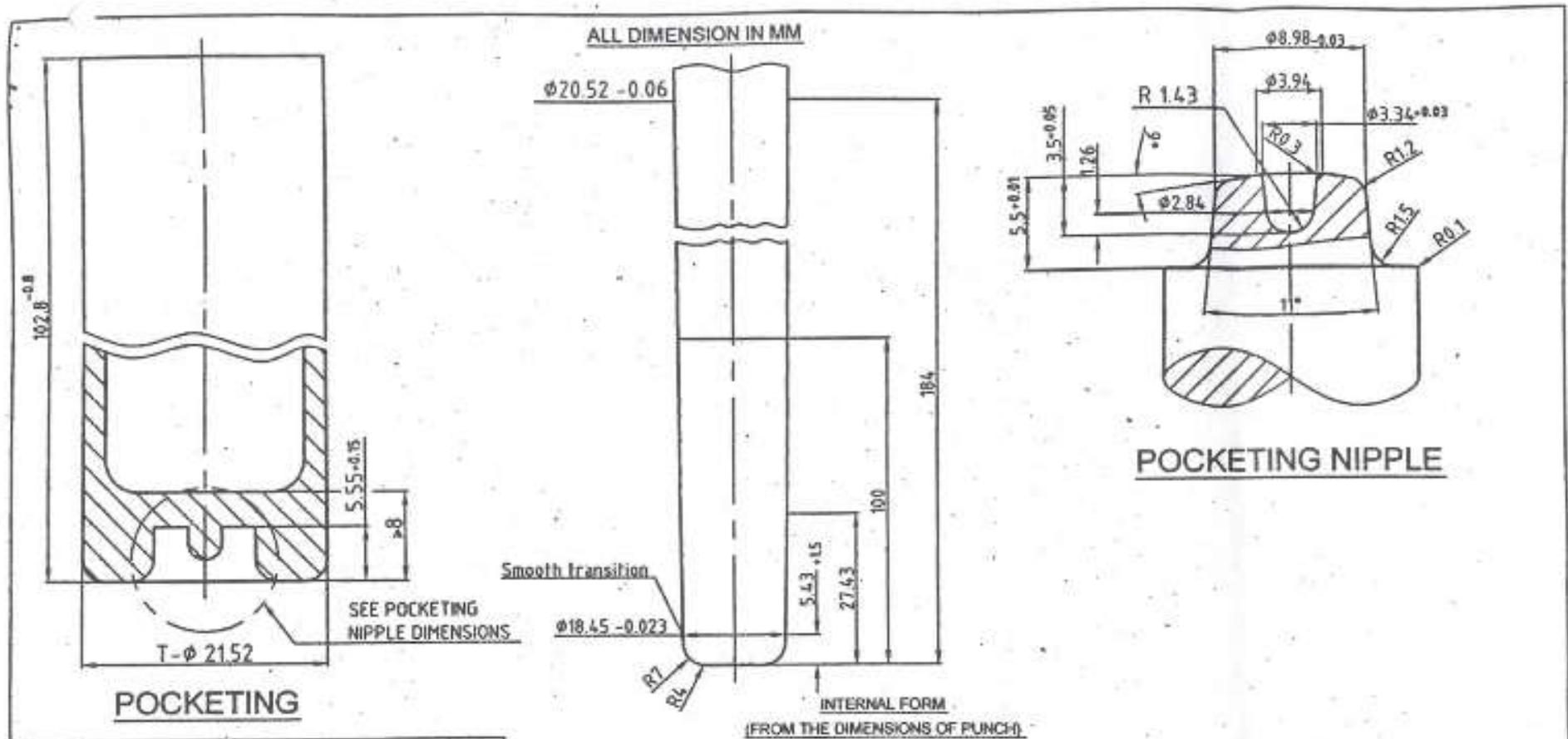


THIRD DRAW  
READY FOR POCKETING



INTERNAL FORM (FROM THE  
DIMENSION OF THE PUNCH)

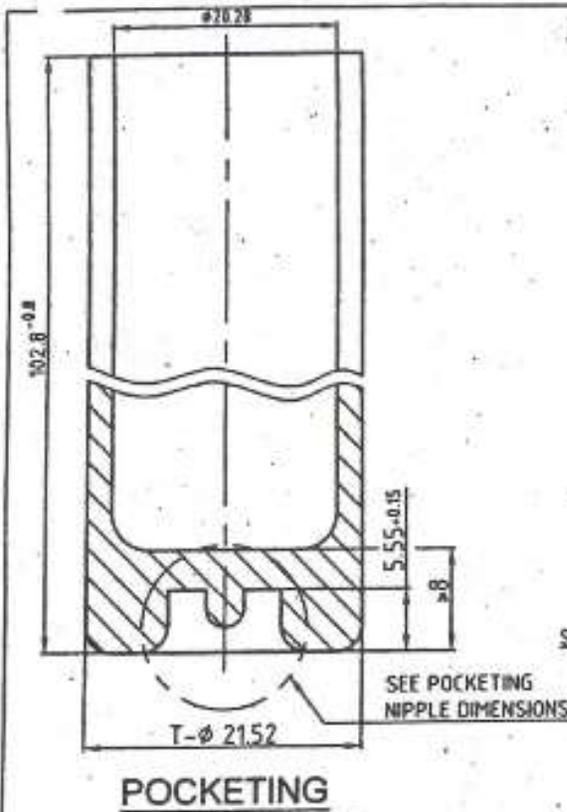
1	1	COMPONENT FORM BEFORE POCKETING	HIGH GRADE, LOW CARBON, DEAD MELTED STEEL STANDARD CODE : ( S20A )	
DET.NO	NO.OFF	DESCRIPTION	- MATERIAL	HEAT TREATMENT
DRAWN:- FAISAL		CHECKED:- <i>[Signature]</i>	APPROVED:- <i>[Signature]</i>	
<u>THIRD DRAW : COMPONENT READY</u> <u>FOR POCKETING</u>				DRG No:- PDO/H/COM-862
SCALE:- N.T.S				PDO - POF - SJL
SHEET 1 OF 2				DATE :- 03 - 11 - 2016



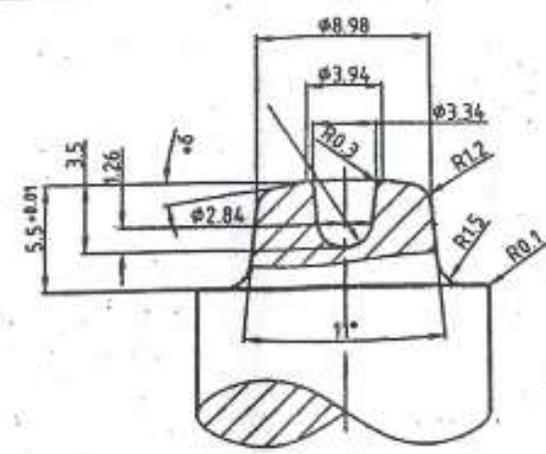
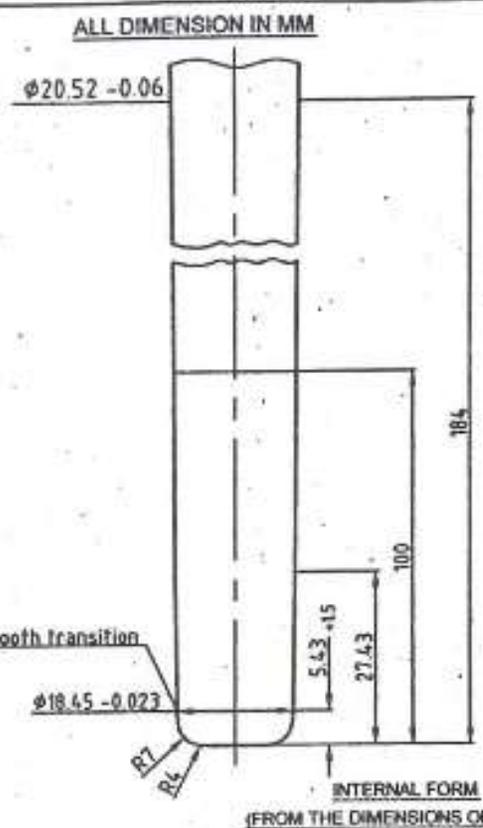
INSPECTION CRITERIA		
5	HEAD THICKNESS	> 8
4	POCKET ECCENTRICITY	9.35
3	STRAIGHTNESS GAUGE	21.52
2	RING GAUGE	21.52
1	DEPTH GAUGE FOR POCKET	5.55
		5.7
		GO SIZE
		NOT GO SIZE
SR	NAME	NOMINAL SIZE

NOTE: SELECTION OF MATERIAL FOR PUNCH & NIPPLE IS THE RESPONSIBILITY OF O.E.M

1	1	POCKETING COMPONENT	HIGH GRADE, LOW CARBON, DEAD MELTED STEEL STANDARD CODE (I S28A 1)	-
DET.NO	NO.OFF	DESCRIPTION	MATERIAL	HEAT TREATMENT
DRAWN:- FAISAL		CHECKED:- <i>[Signature]</i>	APPROVED:- <i>[Signature]</i>	
POCKETING COMPONENT: INTERNAL FORM & NIPPLE			DRG No:- PDO/H/COM-862	
			PDO - POF - SJL	
SCALE:- N.T.S		SHEET 2 OF 2		DATE :- 03 - 11 - 2016



**POCKETING**

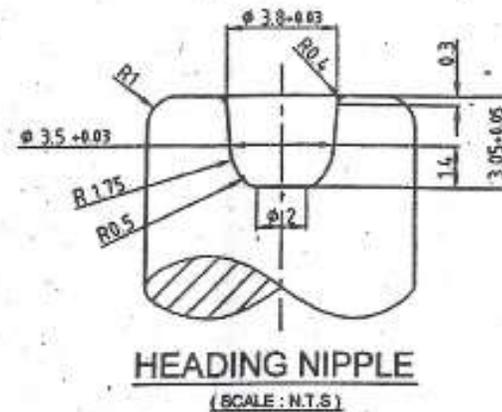
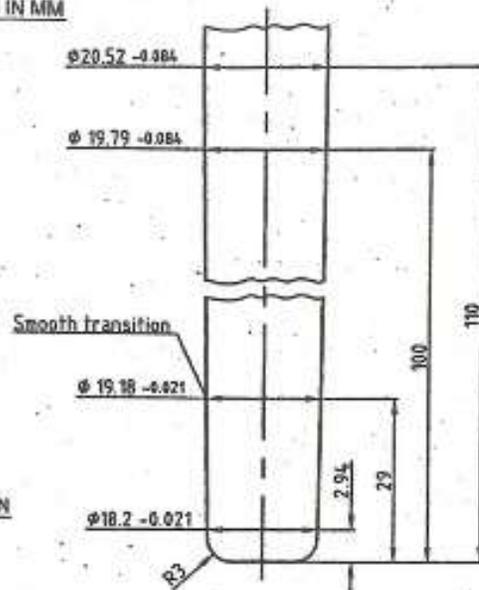
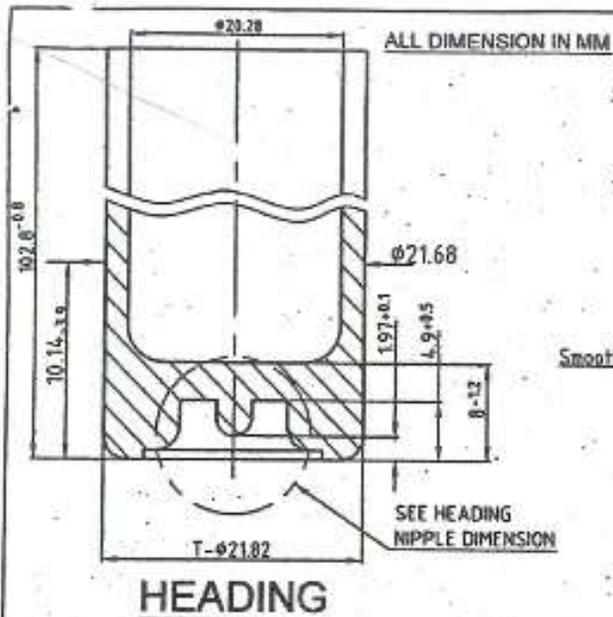


**POCKETING NIPPLE**

INSPECTION CRITERIA			
5	HEAD THICKNESS	-	> 8
4	POCKET ECCENTRICITY	9.35	-
3	STRAIGHTNESS GAUGE	21.52	-
2	RING GAUGE	21.52	-
1	DEPTH GAUGE FOR POCKET	5.55	5.7
		GO SIZE	NOT GO SIZE
SR	NAME	NOMINAL SIZE	

NOTE:  
SELECTION OF MATERIAL FOR PUNCH & NIPPLE IS THE RESPONSIBILITY OF O.E.M

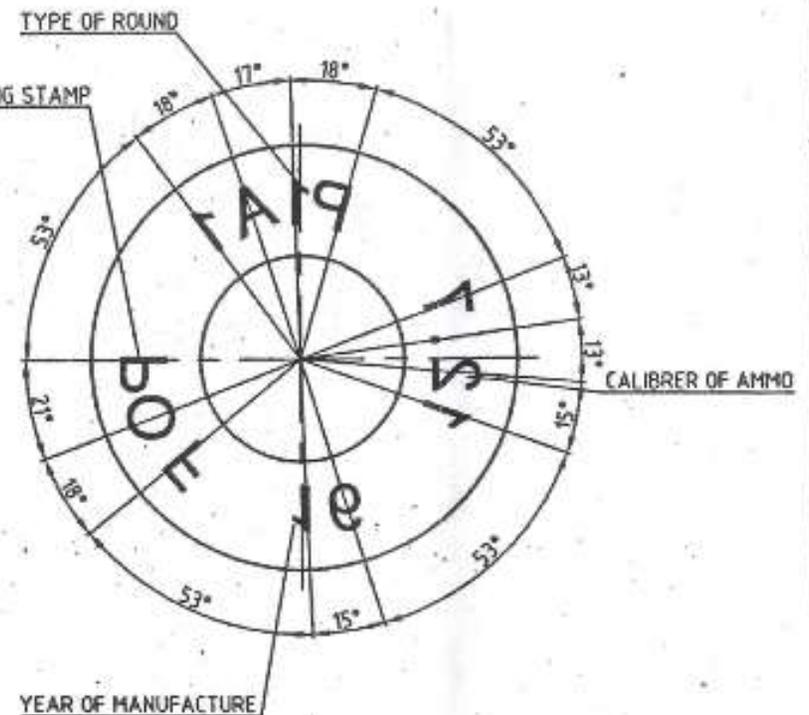
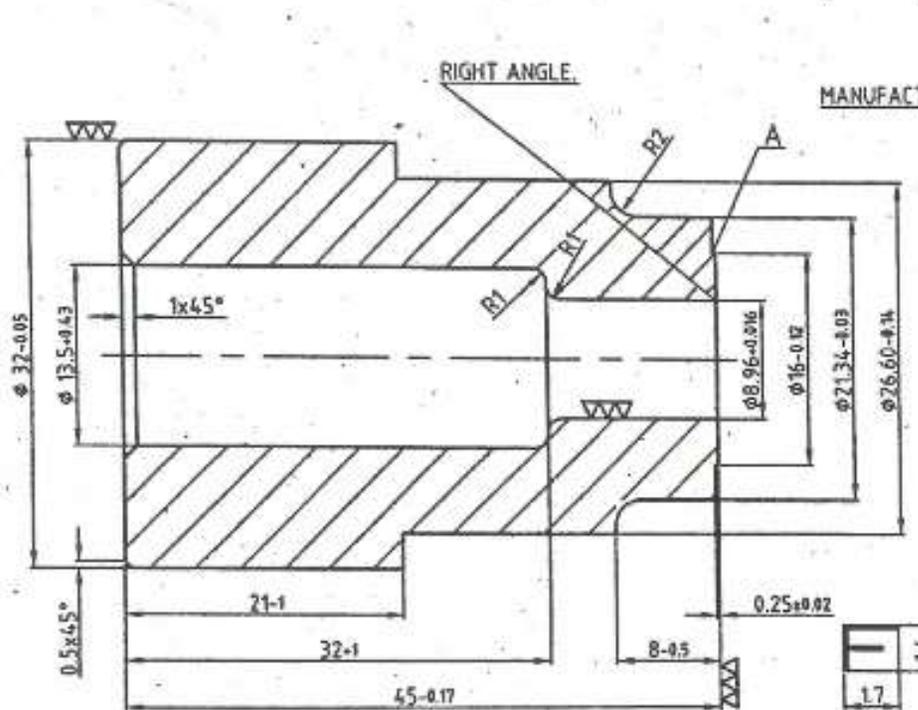
1	1	COMPONENT FORM BEFORE HEADING	HIGH GRADE, LOW CARBON, DEAD MELTED STEEL STANDARD CODE : (S20A)	-
DET.NO	NO.OFF	DESCRIPTION	MATERIAL	HEAT TREATMENT
DRAWN:-	FAISAL	CHECKED:-	APPROVED:-	
<b>POCKETING: COMPONENT READY FOR HEADING</b>			DRG No:-	PDO/H/COM-863
			PDO - POF - SJL	
SCALE:- N.T.S		SHEET 1 OF 3		DATE :- 03 - 11 - 2016



INSPECTION CRITERIA		
9	HEAD THICKNESS GAUGE	6.8      8.01
8	REFERENCE GAUGE	1.97 (MIN)    2.07 (MAX)
7	INDICATING GAUGE FOR ANVIL HIGHT	-      -
6	PLUG GAUGE FOR POCKET	8.945      8.99
5	BASE SURFACE SQUARENESS	0.01 (MIN)    0.15 (MAX)
4	DEPTH GAUGE FOR POCKET	4.9 (MIN)    5.4 (MAX)
3	HEIGHT GAUGE	6.24 (MIN)    10.14 (MAX)
2	RING GAUGE	21.82      21.68
1	GAUGE FOR POCKET ECCENTRICITY	8.96      9.00
		GO SIZE    NOT GO SIZE
SR	NAME	NOMINAL SIZE

NOTE:  
SELECTION OF MATERIAL FOR PUNCH & NIPPLE IS THE RESPONSIBILITY OF O.E.M

DET. NO	NO. OFF	DESCRIPTION	MATERIAL	HEAT TREATMENT
1	1	HEADING	HIGH GRADE, LOW CARBON, DEAD MELTED STEEL STANDARD CODE: (S200A)	-
DRAWN:- FAISAL		CHECKED:- <i>[Signature]</i>	APPROVED:- <i>[Signature]</i>	
HEADING COMPONENT: INTERNAL FORM & NIPPLE			ORG No:- PDO/H/COM-863	
			PDO - POF - SJL	
SCALE:- N.T.S		SHEET 2 OF 3		DATE :- 03 - 11 - 2016



**NOTES:-**

1. THE DEPTH OF THE STAMPED LETTERS AND FIGURES IS 0.09-0.013 MM WHICH MAY BE GREATER THAN 0.13 MM BUT MUST NOT BE HIGHER THAN PLAN 'A'.
2. BOTH UPPER AND LOWER END FACES OF THE CHARACTER STAMP SHOULD BE PERPENDICULAR TO CENTER LINE WITHIN 0.05 MM.
3. AFTER REGRINDING φ 16- 0.12 OVERALL LENGTH NOT LESS THAN 44.6- 0.17 MM IS PERMITTED.

DET.NO	NO.OFF	DESCRIPTION	MATERIAL	HEAT TREATMENT
1	1	HEADING STAMP & MONOGRAM	SELECTION OF MATERIAL FOR STAMPING TOOL IS THE RESPONSIBILITY OF O.E.M	-
DRAWN-		FAISAL	CHECKED-	APPROVED:-
<b>HEADING STAMP</b>				DRG No:-
SCALE:- N.T.S				PDO/H/COM-863
SHEET 3 OF 3				PDO - POF - SJL
				DATE :- 03 - 11 - 2016