

## INVITATION TO QUOTE

### ALIMCO - AUXILIARY PRODUCTION CENTRE, ARTIFICIAL LIMBS MANUFACTURING CORPORATION OF INDIA

(A GOVT. OF INDIA UNDERTAKING "MINIRATNA" COMPANY)  
Plot No. 40 & 106, Industrial Area, Richhai, Jabalpur (M.P.) – 482010  
Telephone: 0761-2334717, 2334724, Web: www.alimco.in  
E-mail: aapc\_jabalpur@alimco.in



**CIN: U85110UP1972NPL003646 // GSTIN: 23AABCA8899F1ZG**

M/s
-----

Enquiry No.	:	LT-30/JBP/AW
Dated	:	09-01-2019
Due Date	:	29-01-2019

Dear Sir,

**Sealed quotation are invited in rate format as specify in "Annexure-A" for the supply of the following stores strictly as per our specification /drawings (where applicable) for the quantities and the staggered Delivery Schedule as indicated and as per the terms & conditions mentioned overleaf, to reach us by 14:00 hrs. on or before the due date:-**

ALIMCO Code No.	Total Qty./Unit
01	AS PER ANNEXURE 'A'
Description of Stores	
Delivery Schedule	Qty./ Date
<b>Note (A):-</b>	<ol style="list-style-type: none"><li><b>The basic price/ rate, GST (If applicable), Packing &amp; Forwarding charges and Freight charges must be mentioned separately &amp; specifically. The offer quoted Inclusive of GST Taxes, Packing &amp; Forwarding Charges and freight charges may not consider for further processing.</b></li><li><b>Kindly mention GSTIN in your offer.</b></li><li>Maximum period required to commence supplies which may normally be not exceeding 30 days from the date of placement of Purchase Order.</li><li>This is fixed price tender. Any request for rate revision till currency of P.O. shall not be considered.</li><li>Jigs, Fixture &amp; Dies for manufacture of the tendered items required, if any, is to be developed by the party at their own cost.</li><li>The tentative quantities likely to be covered by Purchase Order are indicated above. The material would be required to be supplied on staggered delivery schedules to be indicated in Purchase Order or as required by the Corporation.</li><li>The total requirement of the above material may vary substantially up or down as per requirement of the Corporation &amp; successful tenderer will be required to arrange the supplies accordingly.</li><li>The tentative monthly requirement will be approx. 1/12th of the quantity indicated above subject to be change by the corporation which may vary substantially up or down as per requirement of the corporation.</li></ol>

For: ALIMCO-Auxiliary Production Centre, Jabalpur

Material Management Deptt.

#### **Note (B):-**

**(i) Kindly mention the Enquiry No. and Due date on Envelop.**

(ii) In case of any such requirement the corporation will be entitled to place "Repeat Order" on the same rate, terms & conditions subject to mutual consent.

(iii) The corporation has right to amend the Tender/ Purchase Order quantity (enhanced/ reduced) in case of change/ amendment in the Production schedule during currency of Purchase Order to meet out the Corporation's target/ commitments as per customer's/ marketing department requirement.

**(iv) Tenderer/ Suppliers are requested to quote/ submit their offer FOR: "APC-ALIMCO, JABALPUR".**

## **TERMS AND CONDITIONS**

1. **Submission of Tenders** – (a) Tenders shall be sent in a sealed envelope super scribing the Enquiry No. & due date. (b) Tender shall be addressed to "Materials Department, ALIMCO-Auxiliary Production Centre, Plot No. 40 & 106, Industrial Area, Richhai, Jabalpur – 482010 (M.P.)". (c) The Tenderers may at their discretion send the Tenders by Registered/Speed Post Acknowledgement Due, but postal and transit delay shall not be necessarily considered in reckoning the tenders for our consideration.
2. **Validity of Tenders** – (a) The tenders shall remain open for acceptance for a minimum period of 90 days from the date of opening of tenders or till such period upto which the extension of validity is agreed to mutually. This may be please be stipulated clearly in the quotation. (b) If notified within this period that the tender has been accepted the tenderer shall be bound by the terms of the offer along with the terms that have been agreed to mutually. (c) All tenders without `proper specification, samples, drawings and Testing certificates, where required, are liable to be rejected. It shall be in interest of tenderer that are complete offer is made for our consideration.
3. **Details of offer** – (a) **The quoted rates shall be Quoted FOR delivery at our Jabalpur Factory the following data shall be invariable furnished :- (i) Basic firm price of stores; (ii) GST, if any applicable; (iii) packing and forwarding charges, if any; (iv) Freight Charges. (b) In the case of quotations from local parties, the following rates shall be indicated specifically:- (i) Rate for delivery at the APC-ALIMCO, Jabalpur Factory, (ii) Rate for delivery Ex-shop/ Ex-Go down JABALPUR.**
4. **Taxes:** – The GST applicable shall clearly be indicated in percentage. Our GSTIN is 23AABCA8899F1ZG.
5. **DGS&D Rate Contract** – (a) Wherever the stores/equipments have been covered by the DGS&D rate contracts, the price shall conform to the same. A copy of current rate contract shall be enclosed for our ready reference. (b) Wherever the stores have not been covered under the DGS&D contract but under the rate contract of any State Stores Purchase Organization/Directorate of Industries, the price shall conform to the same. A copy of the current rate contract shall be enclosed for our ready reference. (c) All SSI units / Micro & Small Enterprises (MSE) will be issued Tender Documents free of cost & Exemption to submit Earnest Money Deposit (EMD) on submission of valid Udyog Aadhar Memorandum (UAM) against Tender for the items/nature of business/ type of services specified therein in the UAM.
6. **Quantity Discounts** – In order to submit the most competitive offer, the tenderer may indicate the quantity discount on a "slab basis" applicable on the price. However, the buyer reserves the right to accept the quantity discounts. The quantities indicated in this enquiry are liable to revision either upwards or downwards.
7. **Delivery** –
  - (a) In their own interest, tenderers are advised to quote for the earliest possible delivery. Where Ex-stock delivery's quoted stock shall be held by the tenderer during the validity period of quotation.
  - (b) The delivery of the stores/equipment shall be made strictly as stipulated. Failure to supply within this period make the tenderers liable on to an unconditional penalty of  $\frac{1}{2}\%$  of the price of the goods in arrears per week subject to a maximum limit of **10%** of value of the goods in arrears.
  - (c) The supply of all items shall be completed satisfactorily within the stipulated delivery period of the order failing which ALIMCO reserves the right to obtain / purchase stores from other sources at your sole risk, responsibility and cost. If any higher price has to be paid above the contracted price, the loss which may occur on this account, shall be recovered from the tenderer.
  - (d) **The supplies shall be made in proper packing (in countable quantity) to avoid any damage/loss/pilferage in transit & storage.**
8. **Terms & Payment** – (a) Ours is a Government of India Undertaking registered under "Section 8" of the Indian Companies Act, 2013. As such the following terms of payment are stipulated:-
  - i) **100% payment within 30 days after receipt and acceptance of the materials/stores/equipment without any damage/short supplies after the submission of bill, whichever is later will be made. However, the GST portion will be payable only after submission of proof/ self-certified copy of GST return filed online by the tenderer clearly (duly highlighted) showing invoices/ bill number and amount submitted to ALIMCO.**
  - ii) **Acceptance of Payment Terms other than standard Payment Terms of within 30 days, is at the discretion of management and in that case 1% of total landed cost will be considered additional while preparing Comparative Statement of Quotations (CSQ). However, Purchase Order will be placed at quoted rates.**
  - iii) **Payment in Advance terms is not acceptable.**
9. **Important instructions** – (a) Where the item offered is not as per our specified make/size, the reason for not offering the same (e.g. not in ready stock etc.) shall be clearly indicated. (b) Please quote for delivery at our factory site. However, Packing and Forwarding, Freight Charges wherever applicable shall be given clearly in % in format at Annexure-'A'.
10. **Opening of Tenders** – The tenders shall be **opened at 15:00 hours on due date** in presence of representatives of tenderers who may like to be present.
11. ALIMCO reserves the right to split up the total order quantity to more than 01 bidder to avoid stock out situation wherever necessary. In case of split up to 3 parties, 60% qty. may be placed on L-1 and 20% each on L-2 & L-3 provided they agree to match the rate with L-1 and in case of split up 02 parties 60% of the Qty. may be placed on L-1 and 40% on L-2 provided L-2 agree to match the rate with L-1.
12. **Offers for supplies other than FOR APC-ALIMCO, Jabalpur/ Ex-shop, Jabalpur / Ex-works, Jabalpur / FOR Jabalpur will be summarily rejected. However, offers for other than FOR APC-ALIMCO, Jabalpur but for Ex-shop, Jabalpur / Ex-works, Jabalpur / FOR Jabalpur shall be loaded by 2% of basic cost for working out the landed cost & comparison purposes in CSQ. However Purchase Order will be placed at quoted rates terms & conditions. But, the successful tender has to provide / offer duly packed material.**
13. **The other terms & conditions of corporation's Purchase Policy shall be applicable.**
14. If any dispute/ question or controversy arises, the settlement of which is not herein specially provided in this Tender/ Order/ Contract, the matter in dispute shall be referred to the arbitration of Chairman and Managing Director of ALIMCO or his nominee and decision of Chairman and Managing Director or his nominee shall be final and binding on both the parties. The provision of INDIAN ARBITRATION & CONCILLATION ACT, 1956 as amended from time to time shall apply to such arbitration proceedings. Arbitration proceeding shall be held at Kanpur only and Kanpur Nagar Court will have jurisdiction in the matter.

**Annexure – A**

Tender No. LT-30/JBP/AW

Sl. No.	ALIMCO Code No.	Description of Stores/ Nomenclature	Qty./ Unit	Basic Price ₹ (Per Unit)	Freight & packing/ forwarding etc. (in % only)	GST rates in terms of Percentage (%), if applicable	Tentative delivery schedule
1	TD2A06HB3	PLATE BEARING (AS PER ALIMCO DRG.)	4000 nos.		_____%	_____%	1200 nos. per month
2	TD2A06HB4	PLATE STIFFNER (AS PER ALIMCO DRG.)	2500 nos.		_____%	_____%	650 nos. per month
3	TD2A06002	PLATE GUARD (AS PER ALIMCO DRG.)	4000 nos.		_____%	_____%	1200 nos. per month
4	TD2A07M12	CONE LOWER (AS PER ALIMCO DRG.)	10000 nos.		_____%	_____%	2000 nos. per month
5	TD2A07N06	ROUNDAL (AS PER ALIMCO DRG.)	15000 nos.		_____%	_____%	4000 nos. per month
6	TD2A02D03+ TD2A07E01	INTERMEDIATE LINK (AS PER ALIMCO DRG.)	8000 Sets		_____%	_____%	2000 sets per month
7	TD2A07NB0	AXLE & CONE ASSY. (AS PER ALIMCO DRG.)	15000 nos.		_____%	_____%	3000 nos. per month
F.O.R. :- _____							

**Note:**

1. If the rate quoted is inclusive of GST, Freight and Packing & Forwarding etc. then offer shall be summarily rejected without any further clarification/ notice.
2. The rates should be quoted as per above format, if the offers/ quoted rates are not in above specified format same may not consider for further processing without any further information.
3. The Tenderer/ Bidder needs to submit Annexure 'A' & Annexure 'B' alongwith the offer.

Seal &amp; Signature

Party Name

**TENDER ACCEPTANCE LETTER**

(To be given on Tenderer/ Bidder's Letter Head)

Date: .....

To,  
In-charge/ Materials Department,  
APC-ALIMCO,  
Plot No. 40 & 106, Industrial Area, Richhai,  
Jabalpur - 482010

**Sub: Acceptance of Terms & Conditions of Tender.**

Tender Reference No: \_\_\_\_\_

Name/ Code of Tendered items/ Work:- \_\_\_\_\_

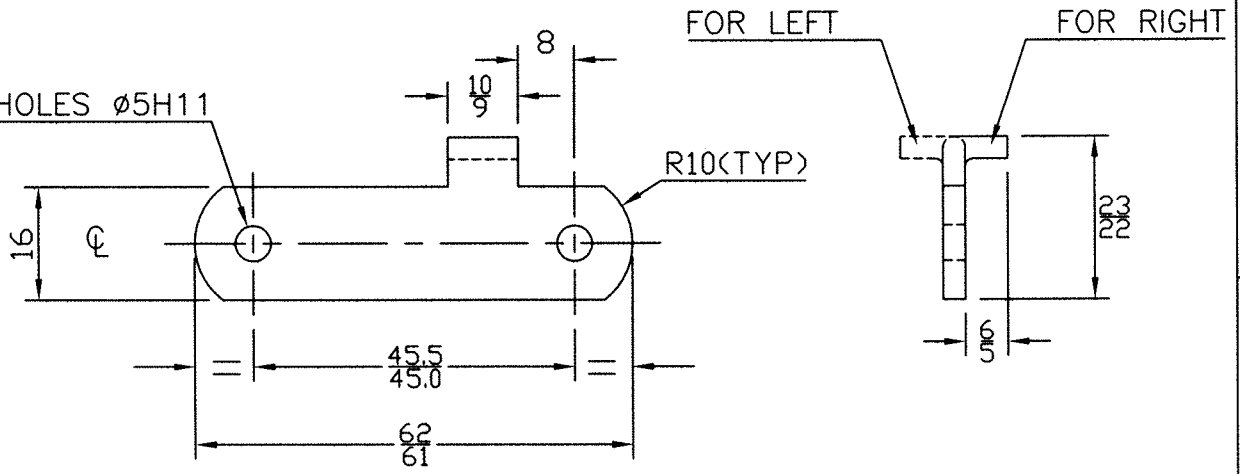
Dear Sir,

1. I/ We hereby certify that I/ we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ [including all documents like Annexure(s), Schedule(s), specification and drawing, etc.], which form part of the contract agreement and I/ we shall abide hereby by the terms/ conditions /clauses contained therein.
2. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
3. I/ We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/ entirety.
4. I/ We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/ Public sector undertaking.
5. I/ We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/ untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Party/ Bidder, with Official Seal)

2 HOLES  $\phi 5H11$



MTL:-

SHEET MS HRA Gd,'O',IS:1079,THK 3.15 (AA08)  
OR  
SHEET MS CRA Gd,'O',THK 3mm (AA28)

NOTE:-

1.REMOVE SHARP EDGES & CORNERS.

4	A-2	FINISH WAS STOVE ENAMEL PAINT & DRAWING REDRAWN	26 <sup>09</sup> 13	<i>Qian</i>
SNo.	REGION	REVISION	DATE	SIGN

R E V I S I O N S

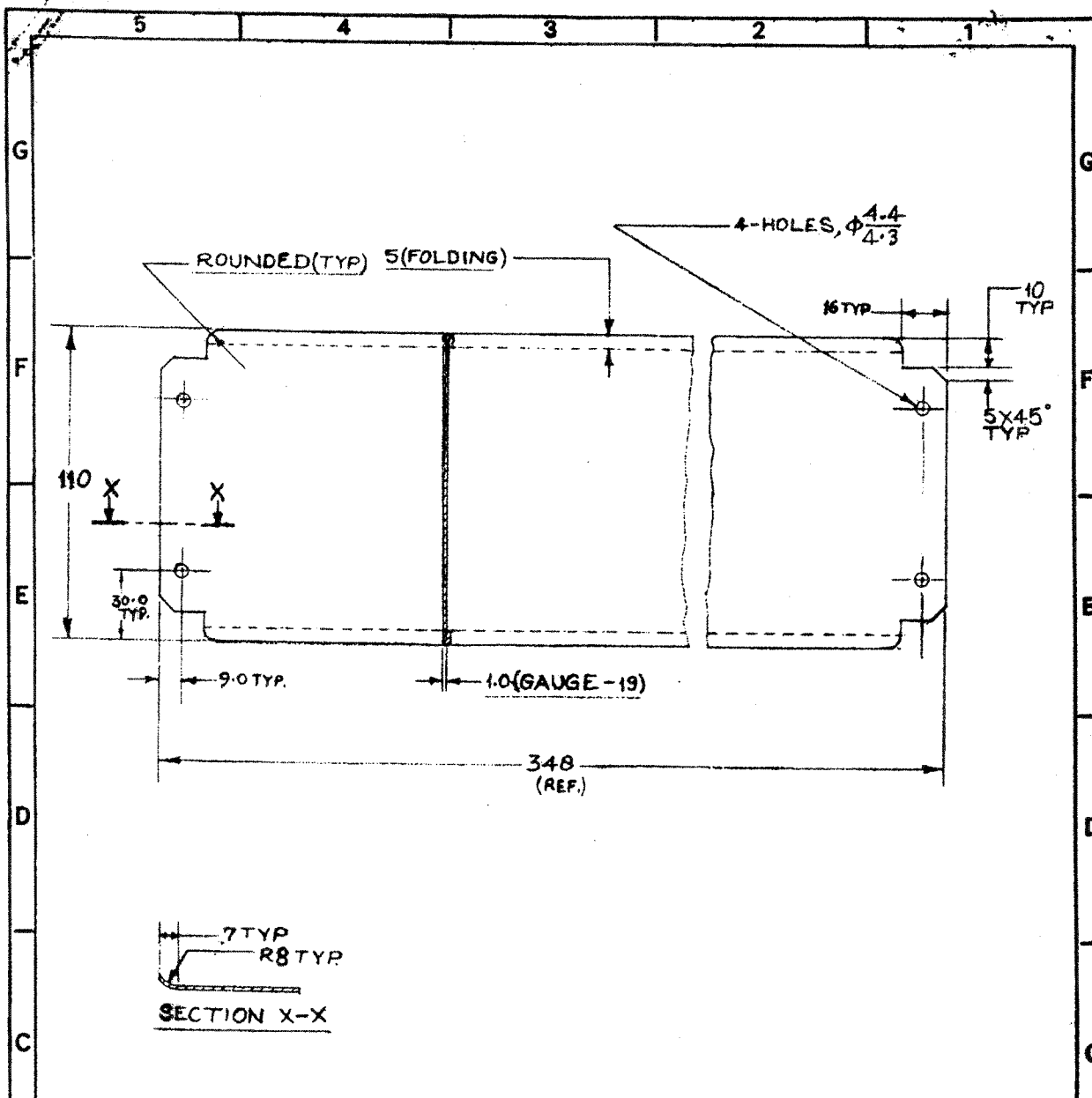


ARTIFICIAL LIMBS  
MANUFACTURING CORPORATION  
OF INDIA  
KANPUR



DGN	<i>Chid</i>	NOM	INTERMEDIATE LINK	
DRN	<i>Qian</i>	MTL	INDICATED	
CHD	<i>Qian</i>	TOL	INTEGER ONLY $\pm 0.500$ mm ONE PLACE DECIMAL $\pm 0.250$ mm TWO PLACE DECIMAL $\pm 0.126$ mm	UNLESS SPECIFIED
DIM	IN mm	FIN	Ni.Cr.PLATED Gd.2, IS:1068	
SCALE	NTS			
APP	<i>Sa/DDI</i>	RIGHT	TD 2 A 02 D 03	SHEET 10F1
DATE	10.05.1983	DRG No:-	LEFT TD 2 A 02 E 01	

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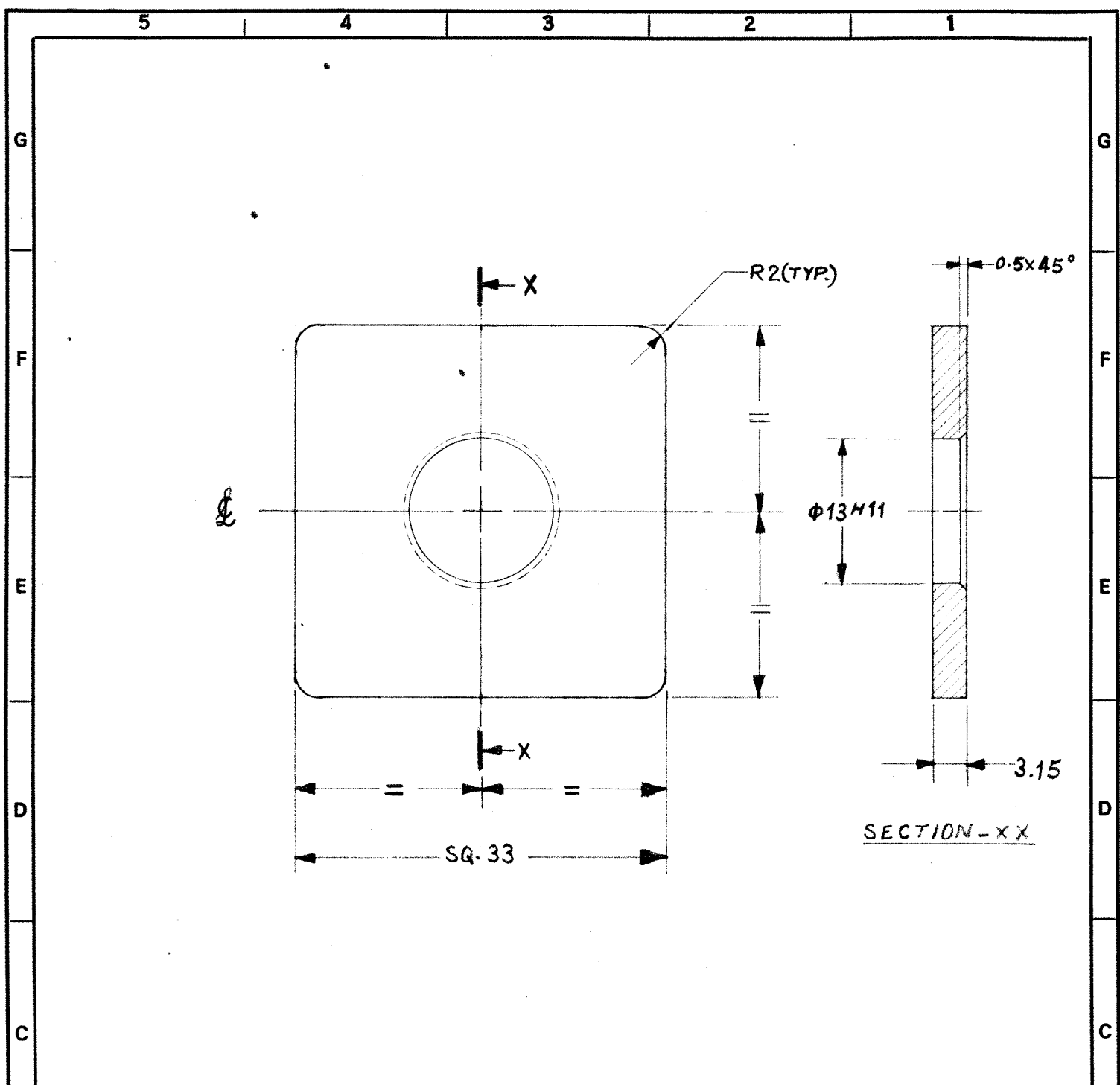


NOTE:

1. REMOVE SHARP EDGES & CORNERS

3.	---	FINISH WAS STOVE ENAMEL PAINT	3.6.14	<i>[Signature]</i>
2.	A-1	MTL. CODE NO. WAS AA 29	21.02.89	<i>[Signature]</i>
1.	A-2	Gd. OF MTL. 'DD' WAS 'O'	18.4.89	<i>[Signature]</i>
S.No.	REGION	REVISION	DATE	SIG.
R E V I S I O N S				
ARTIFICIAL LIMBS MANUFACTURING CORPN. OF INDIA KANPUR				
DGN.	<i>[Signature]</i>	NOM.	PLATE GUARD	
DRN.	<i>[Signature]</i>	MTL.	SHEET MS CRA Gd. 'O', IS: 513 THK 1mm (AA22)	
CHD.	<i>[Signature]</i>	TOL.	INTEGER ONLY ±0.500 mm ONE PLACE DECIMAL ±0.250 mm TWO PLACE DECIMAL ±0.125 mm UNLESS SPECIFIED	
DIM.	IN mm	FIN.	POWDER COATED COLOUR AS APPROVED	
SCALE	1:2	APP.	<i>[Signature]</i>	
DATE	20.8.81	DRG. NO.	TD 2A 06 0 02	SHEET 1 OF 1

01 K 8 070



**NOTE:**

1. REMOVE SHARP EDGES & CORNERS

S No.	REGION	REVISION	DATE	SIG.
<b>R E V I S I O N S</b>				
<b>ARTIFICIAL LIMBS MANUFACTURING CORPN OF INDIA KANPUR</b>				
DGN	<i>Breddha</i>	NOM	PLATE STIFFNER	
DRN	<i>Shank</i>	MTL	SHEET MS HRA Gd. '0' IS:1079, THICK 3.15 mm (A A 08)	
CHD	<i>Krishna</i>	TOL	INTEGER ONLY ± 0.500 mm ONE PLACE DECIMAL ± 0.250 mm TWO PLACE DECIMAL ± 0.126 mm UNLESS SPECIFIED	
DIM.	IN mm	SCALE	2:1	FIN.
APP	<i>Breddha</i>	DRG No.	TD 2 A 06 HB4	SHEET 1 OF 1
DATE	19-7-82			

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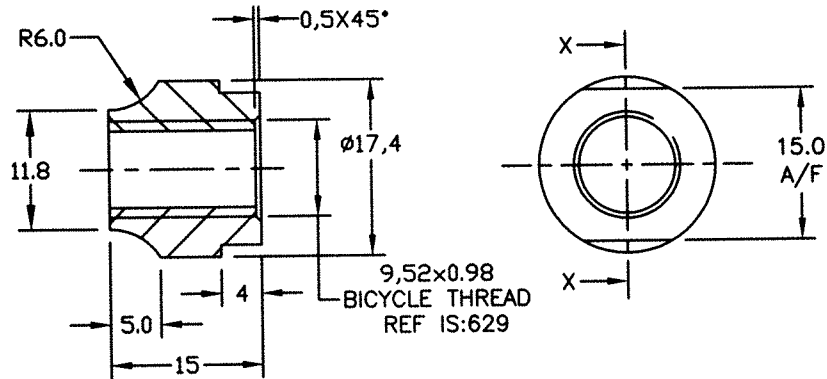
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SECTION-XX

D

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## NOTE:-



1. CONE IS SIMILAR TO HUB SPINDLE CONE (IS:629).
2. CASE HARDENING TO THE MIN DEPTH OF 0.25mm, HRA 67 (HRC33) MIN.
3. READYMADE AVAILABLE IS ACCEPTABLE.
4. WEIGHT-15 TO 18gms.

B

B

A

A

3.	—	DRAWING REDRAWN	07.09.16	<i>[Signature]</i>
SNo.	REGION	REVISION	DATE	SIGN
R E V I S I O N S				
		ARTIFICIAL LIMBS MANUFACTURING CORPORATION OF INDIA KANPUR		
DGN	<i>Ashish</i>	NOM	CONE LOWER	
DRN	<i>[Signature]</i>	MTL	MS St42-S, ISRO 18, IS:226 (AC 10)	
CHD	<i>[Signature]</i>	TOL	INTEGER ONLY ±0.500 mm ONE PLACE DECIMAL ±0.250 mm TWO PLACE DECIMAL ±0.126 mm	UNLESS SPECIFIED
DIM	IN mm	FIN	SMOOTH & BLACKENING	
SCALE	NTS			
APP	<i>[Signature]</i>	DRG No:- TD 2 A 07 M 12		SHEET 10F1
DATE	18.04.1978			

01

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DATE 18.04.1978



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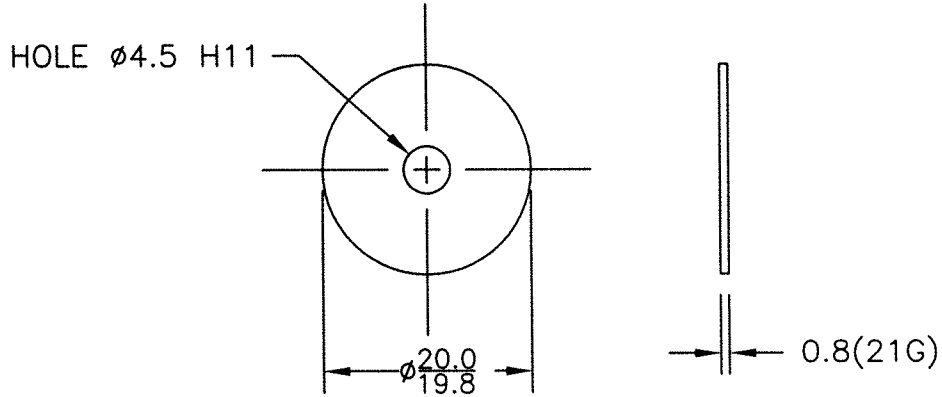
C

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A

A



NOTE:—

1.REMOVE SHARP EDGES & CORNERS.

4.	—	DRAWING REDRAWN	09.05.15	<i>[Signature]</i>
SNo.	REGION	REVISION	DATE	SIGN

REVISIONS



ARTIFICIAL LIMBS  
MANUFACTURING CORPORATION  
OF INDIA  
KANPUR

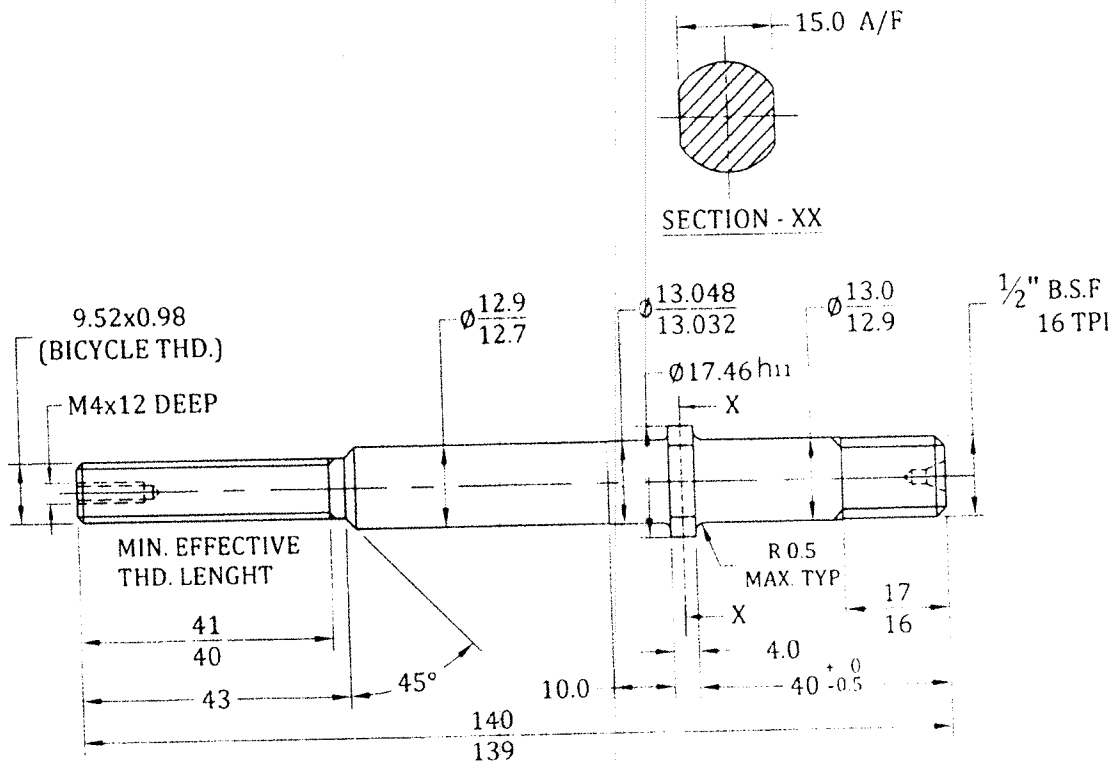


DGN		NOM	ALIMCO ROUNDAL	
DRN	<i>Ashish</i>	MTL	AL.ALLOY SHEET HS 30 WP IS:737 THICKNESS—0.8mm(AP19)	
CHD	<i>[Signature]</i>	TOL	INTEGER ONLY $\pm 0.500$ mm	UNLESS SPECIFIED
DIM	IN mm		ONE PLACE DECIMAL $\pm 0.250$ mm	
			TWO PLACE DECIMAL $\pm 0.126$ mm	
SCALE	NTS	FIN	ANODIZE	

01	K	5	079
5		4	

APP	<i>Sa/DD1</i>	DRG No:— TD 2 A 07 N 06	SHEET 10F1
DATE	01.05.1978		

NOT TO BE PLANNED FOR MFR. BOUGHT OUT COMPONENT UNDER LA 27/ LA 28



**NOTE:---**

1. REMOVE SHARP EDGES & CORNERS.
2. WEIGHT - 116 gms. (APPROX).
3. FOR FINISH REFER DRAWING No. TD 2 A 07 N 12
4. TO BE MACHINED OUT OF SPECIFIED MATERIAL.

20	B-5	NOTE NO. 4 ADDED	24-8-13	<i>[Signature]</i>
19	-----	REDESIGNED & REDRAWN	16-1-13	<i>[Signature]</i>
SNo.	REGION	REVISION	DATE	SIGN

**REVISIONS**



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MANUFACTURING CORPORATION  
OF INDIA  
KANPUR



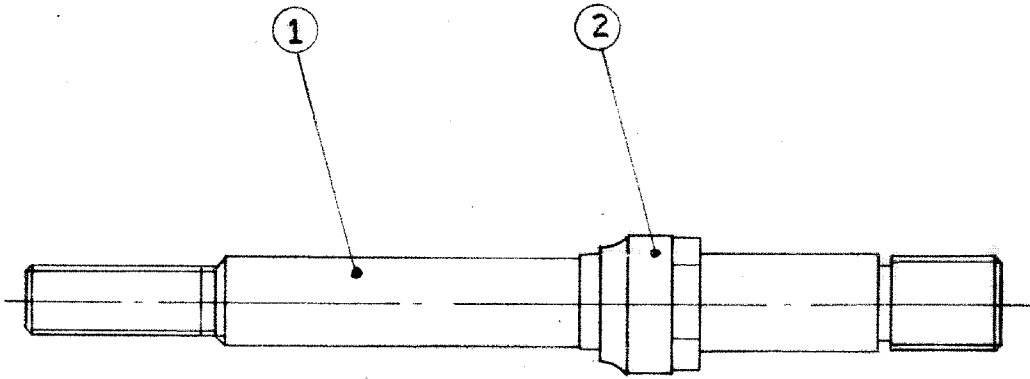
DGN	<i>[Signature]</i>	NOM	AXLE
DRN	<i>[Signature]</i>	MTL	ROD CARBON TOOL STEEL (40 S 18) OR En 8 MCDA IS-4431. Ø 17.46 (A H 66)
CHD	<i>[Signature]</i>	TOL	INTEGER ONLY ±0.500 mm ONE PLACE DEC. MAL ±0.250 mm TWO PLACE DEC. MAL ±0.126 mm UNLESS SPECIFIED
SCALE	NTS	FIN	-----
APP	<i>[Signature]</i>	DATE	6-6-79
ORG No-TD 2 A 07 N 99			SHEET 1 OF 1




01 K 5 0 85

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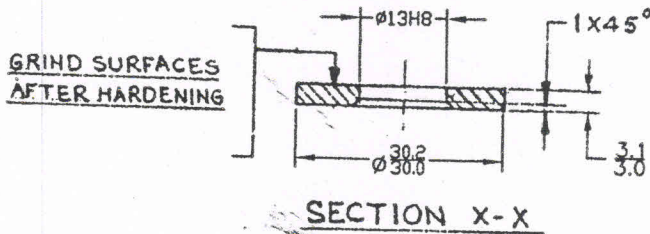
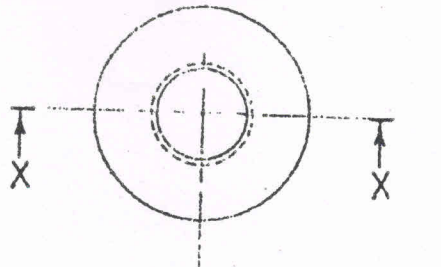
4

ITEM NO.	DRG. NO.	NOMENCLATURE	NO. OFF	REMARKS
1	TD 2 A 07 N 12	AXLE	1	
2	TD 2 A 07 N 16	CONE INNER	1	



S.No.	REGION	REVISION	DATE	SIG.
<b>R E V I S I O N S</b>				
 <b>ARTIFICIAL LIMBS MANUFACTURING CORPN. OF INDIA</b>  <b>KANPUR</b>				
DGN.	<i>R. Devraj</i>	NOM.	AXLE & CONE ASSY.	
DRN.	<i>R. Devraj</i>	MTL.	_____	
CHD.	<i>R. Devraj</i>	TOL.	INTEGER ONLY      0.500 mm ONE PLACE DECIMAL    0.250 mm TWO PLACE DECIMAL    0.125 mm <b>UNLESS SPECIFIED</b>	
DIM.	IN mm	FIN.	_____	
SCALE	1:1 	APP.	_____	
DATE	11-1-82	DRG. NO.	TD 2 A 07 N 80	SHEET 1 OF 1

01 K 8 079



MTL:-  
Rod Carbon Steel C 55 (EN9), Ø32mm,  
IS:1570 (Pt-II) (AH 32)

124 MAY 2018

NOTE:-

1. REMOVE SHARP EDGES.
2. HARDENED & TEMPERED  
HARDNESS 35-40 HRC
3. WEIGHT-15 gms. (APPROX).

4	C-5	MTL AH 32 WAS AH 25 OR AL 12.	28.10.17	
3	B-5	WLD COMPONENT ADDED AT NOTE NO. 3	22.05	
2	C-5	ALTERNATE MTL-AL12 ADDED.	08.12	
1	E-4	GRINDING FROM ONE SIDE DELETED	24.1.96	

S No.	REGION	REVISION	DATE	SIG.
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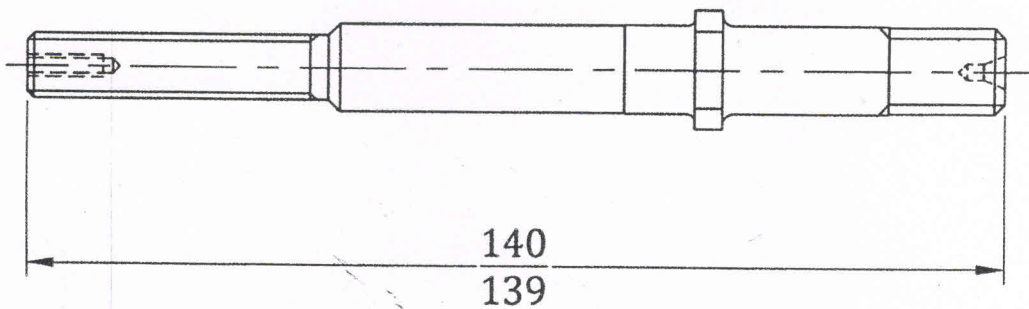
**R E V I S I O N S**



**ARTIFICIAL LIMBS  
MANUFACTURING CORPN  
OF INDIA  
KANPUR**



DGN	<i>Number</i>	NOM	PLATE BEARING LOWER
DRN	<i>Krishna</i>	MTL	INDICATED
CHD	<i>Prasad</i>	TOL	INTEGER ONLY ± 0.500 mm ONE PLACE DECIMAL ± 0.250 mm TWO PLACE DECIMAL ± 0.125 mm UNLESS SPECIFIED
DIM.	IN mm	FIN.	MACHINED & GROUND
SCALE	1:1	DRG No.	TD 2 A 06 H B3
APP	<i>Prasad</i>	REV	04
DATE	11.04.1981	SHEET	1 OF 1



24 MAY 2018

NOTE: \_\_\_\_\_  
 1. FOR FINISH REFER DRAWING  
 No. TD 2 A 07 N 99

2	A - 2	MTL AB 21 WAS AH 66	27.10.17	<i>[Signature]</i>
1	-----	REDESIGN & REDRAWN	16.01.13	<i>[Signature]</i>
SNo.	REGION	REVISION	DATE	SIGN

REVISIONS



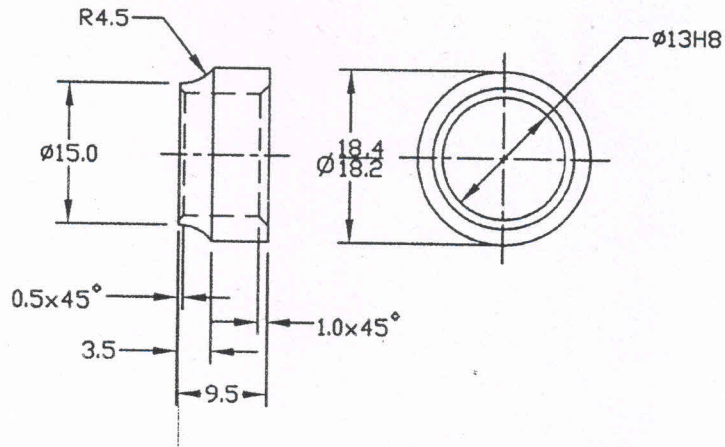
ARTIFICIAL LIMBS  
 MANUFACTURING CORPORATION  
 OF INDIA  
 KANPUR



DGN	<i>[Signature]</i>	NOM	AXLE	
DRN	<i>[Signature]</i>	MTL	ROD CARBON STEEL Ø18mm, (40 C 10 S 18 OR 40 C 15 S 12 - EN 8 M) CDA, AS PER IS:4431 (AB 21)	
CHD	<i>[Signature]</i>	TOL	INTEGER ONLY ±0.500 mm	*UNLESS SPECIFIED
DIM	IN mm		ONE PLACE DECIMAL ±0.250 mm	
			TWO PLACE DECIMAL ±0.126 mm	
SCALE	NTS	FIN	ZINC PLATED THICKNESS 6 TO 8 MICRONS OR PHOSPHATED	
APP	<i>[Signature]</i>	DRG No:-	TD 2 A 07 N 12	REV. 2 SHEET 10F1
DATE	01-11-2006			

5

4



**NOTE:--**

1. REMOVE SHARP EDGES & CORNERS.
2. HARDENED & TEMPERED—HARDNESS 30 To 35 HRC.
3. RADIUS TO BE GROUND AFTER HEAT TREATMENT.

24 MAY 2018

**TOLERANCE:--**

DEVIATION FOR NON TOLERANCED DIMENSIONS (ISI:2102 MEDIUM)

DIAMETER & LENGTHS BETWEEN	TOLERANCE	LENGTH IN MM OF SHORTER SIDE OF ANGLE UPTO & INCL.	TOLERANCE
0.5 up to 6	±0.1	Up to 10	±1°00'
Over 6 up to 30	±0.2	Over 10 upto 50	±0°30'
Over 30 up to 120	±0.3	Over 50 upto 120	±0°20'
Over 120 up to 315	±0.5	Over 120 upto 400	±0°10'
Over 315 up to 1000	±0.8		
Over 1000 up to 2000	±1.2		
Over 2000 up to 4000	±2.0		

MACHINING FINISH IN MICRONS  
 ▽ 8 - 25 ▽ 1.6 - 8 ▽ 0.025 - 1.6 ▽ 0.0125

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3.	A - 1	MTL AH 38 WAS AH 67	28.10.17	
2.	—	DRAWING REDRAWN	06.09.16	
SNo.	REGION	REVISION	DATE	SIGN

**REVISIONS**



**ARTIFICIAL LIMBS  
 MANUFACTURING CORPORATION  
 OF INDIA  
 KANPUR**



DGN		NOM	CONE INNER	
DRN		MTL	Rod Carbon Steel Ø19mm (40C15S12 - EN8M) CDA, As per IS:4431(AH 38)	
CHD		HEAT TREATMENT	INDICATED	
DIM	IN mm	SURFACE TREATMENT	SMOOTH	
SCALE	NTS	DRG No:- TD 2 A 07 N 16	REV 3	SHEET 1 OF 1
APP		DATE	29.02.1980	