

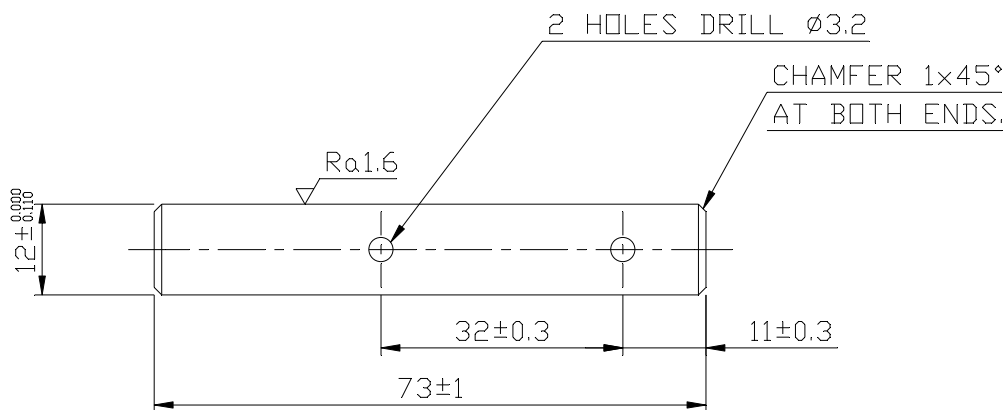
1754366/2023/HEP-SWM20961

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN mm 11/42

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IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY

| | | | | |
|--------------|---------|-------------|------|------------------------|
| REV. | DATE | ALTERED | sd/- | ADDITIONAL |
| 02 | 5.11.03 | CHECKED | sd/- | INFORMATION |
| | | APPROVED | sd/- | |
| DRG. REDRAWN | | NOTE ADDED. | | STATUS OF DRAWING |
| (DCA.) | | (DCA. 9770) | | DISTRIBUTION OF PRINTS |
| | | | | SWE |
| | | | | SWM |
| | | | | TCX |
| | | | | 1 |
| | | | | 3 |
| | | | | 1 |


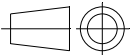
FINISH: -
NATURAL.NOTE: -
RESISTIVITY TEST IS NOT REQUIRED.TOOL LIST: -
1 492 629 : DRILLING.

45211001500-R02-S01

FILE NAME

SIGN. & DATE

INVENTORY NO.

| | | | | | | | | | | | | | | | |
|---|----|--|-------------------------------|---|---------------|------------------------|---------------|------------------------------|----------------|---|-------------------------------------|---------------------------------|--|----------------------------|--|
| BP9099431074 | | 001 | Ø14 x 73 Lg. PHOS. BZ. ROD | | BP 1210241960 | | 0.072 | | | | | | | | |
| | | | | | AA 12141 | | 001 | | | | | | | | |
| 65 | 75 | 25 | 27 | 29 | 58 | 59 | 34 | 45 | | | | | | | |
| REMARKS | | ITEM NO. | | DESCRIPTION | | MATL. CODE | | UNIT WT. | | | | | | | |
| | | | | | | MATL. SPCN. | | QTY. | | | | | | | |
| 28 → CARD TYPE-3 | | | | 28 → CARD TYPE-1 | | | | 28 → CARD TYPE-2 | | | | | | | |
| <div><div><div>बीएच ई एल</div><div></div></div><div><div>HAKjr gsoh bysDV&hdYl fyfeVsM</div><div>HAKsiky</div><div>BHARAT HEAVY ELECTRICALS LTD.</div><div>BHOPAL</div></div></div> <td colspan="2">uke NAME</td> <td colspan="2">qlrk— SIGN</td> <td colspan="2">fnugkd DATE</td> <td colspan="2">osfj— dh la[;k NO. OF VAR.</td> | | | | | uke NAME | | qlrk— SIGN | | fnugkd DATE | | osfj— dh la[;k NO. OF VAR. | | | | |
| cuk;k DRN | | TSE | | Sd/— | | — | | — | | | | | | | |
| tkapk CKD | | MZG | | Sd/— | | 29.8.82 | | — | | | | | | | |
| vugeksfmr APPD | | RKG | | Sd/— | | 5.9.82 | | — | | | | | | | |
| foHAKx DEPT SWE | | vu— Vky— uki dh Js.kh UNTEL.DIMS. GR. | |  | | vuqikr SCALE 1:1 | | HAKj fd_xk— WEIGHT (K.G.) | | vis_M&kbZax dk lanHAZ REF. TO ASSY. DRG. | | en d— ITEM NO. | | en la[;k NO. OF ITEM | |
| dksM CODE 409 | | M AA 0230208 | | | | | | | | 3 521 10 01556 | | 058 | | 001 | |
| 'Ah"AZadC | | | | | | | | | | vkjs[A d—DRAWING NO. | | | | iquREV. | |
| PIN | | | | | | | | | | 4 521 10 01500 | | | | 02 | |
| | | | | | | | | | | i="B d—SET. No. 01 | | i="Bksa dh la[;k NO. OF SHT. 01 | | | |

REF. DRG. NO. : 4HT40900775

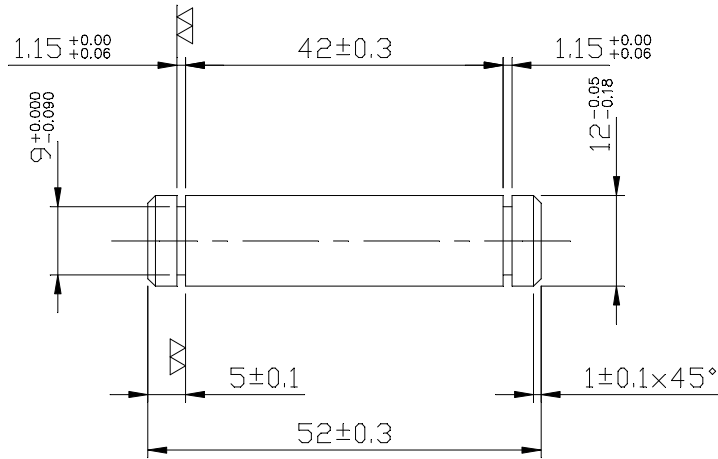
1754366/2023/HEP-SWM20961

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FIRST ANGLE PROJECTION

CALL DIMENSIONS ARE IN mm) 12/42

| | | | | | | | |
|---------------------------|----------|----------|---------------|------|---------|--------------|-------------|
| REV. | DATE | ALTERED | SKG | REV. | DATE | ALTERED | ADDITIONAL |
| 04 | 24.11.15 | CHECKED | AKHIL | 03 | 5.11.03 | CHECKED | INFORMATION |
| | | APPROVED | MAK | | | APPROVED | |
| -NOTE 1 ADDED | | | DRG. REDRAWN | | | STATUS OF | |
| -ITEM SR. NO. 002 WAS 001 | | | (DCA. 33688) | | | DRAWING | |
| | | | (DCA. 23930) | | | DISTRIBUTION | SWE |
| | | | | | | OF PRINTS | 1 |
| | | | | | | | 3 |
| | | | | | | | 1 |



001



FINISH: - NATURAL

TOOL LIST: -

1 492 652 : GROOVING TOOL

NOTE: -

1. RESISTIVITY TEST NOT
REQUIRED

| | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|---|---|---|---------------|------------------------|--------------|------------------------------|---------------|---|----------------|----|-------------------------------------|----------|-----------------------------------|--|
| 45211001508-R03-S01 FILE NAME | BP9099436513 | | 002 | Ø16 x 74 Lg. PHOSPHOR BRONZE ROD | | AA 1210241021 | | KG. | — | | | | | | | | |
| | BP9099430884 | | 001 | Ø16 x 52 Lg. PHOSPHOR BRONZE ROD | | AA 1210241021 | | | KG. | — | | | | | | | |
| | 65 REMARKS | | 75 | 25 | 27 | 29 | 58 | 59 | | 34 | 45 | 55 | 56 | 58 | UNIT WT. | 65 | |
| | | | ITEM NO. | DESCRIPTION | | STD | | 46 | MATL. SPCN. | | 54 | UNIT | 68 | QTY. | 71 | | |
| SIGN. & DATE | 28 —→ CARD TYPE-3 | | | 28 —→ CARD TYPE-1 | | | 28 —→ CARD TYPE-2 | | | | | | | | | | |
| | <div><div>बी एच ई एल</div><div></div></div> | | | HAKjr gsoh bysDV&hdYl fyfeVsM HAKsiky BHARAT HEAVY ELECTRICALS LTD. BHOPAL | | | | uke NAME | | gLrk— SIGN | | fnugkd DATE | | osfj_ dh lo[;k NO. OF VAR. | | | |
| | | | | | | | | cuk;k DRN | | TSE | | Sd/— | | — | | | |
| | | | | | | | | tkapk CKD | | MZG | | Sd/— | | 27.8.82 | | | |
| INVENTORY NO. | foHAKx DEPT SWE | | vu_ Vky_ uki dh Js.kh UNTOL.DIMS. GR. M | |  | | vuqjkr SCALE 1:1 | | HAKj fd_xk— WEIGHT (K.G.) | | vls_M&kbZax dk lanHAZ REF. TO ASSY. DRG. 3 521 10 01556 | | | en d— ITEM NO. 052 | | en la[;k NO. OF ITEM 002 | |
| | dksM CODE 409 | | — | | | | | | | | | | | | | | |
| | 'Ah"AZd@ | | | | | | | | | | vkjs[A d—DRAWING NO. 4 521 10 01508 | | | iqu@REV. 04 | | | |
| | PIN | | | | | | | | | | i="B d—SOT. No. 01 | | | i="Bksa dh la[;k NO OF SHT. 02 | | | |

SDIS: 9893018671

1754366/2023/HEP-SWM20961

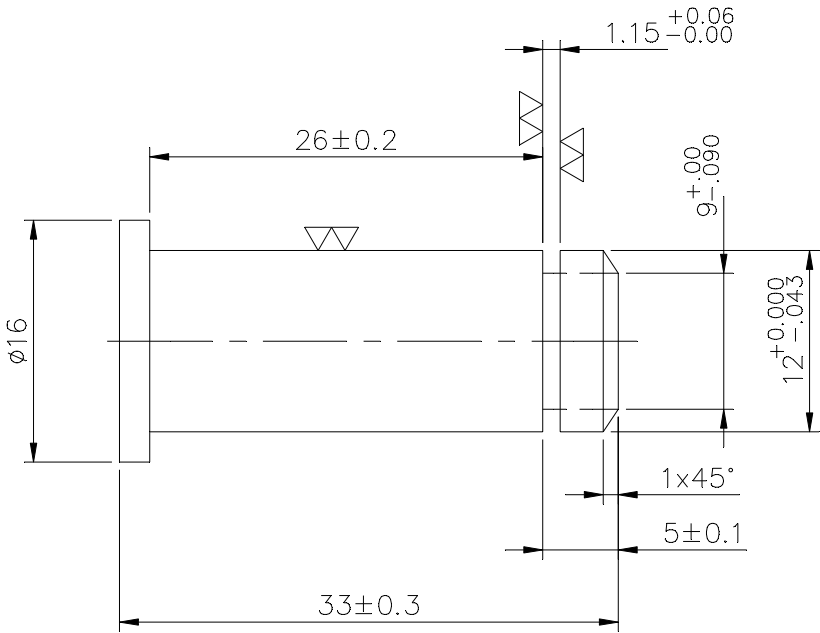
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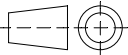
| | | | | | | | |
|---------------|-------------|------------------------------------|-----------------------|--------------|--------------------------------|--|---------------------------|
| REV. 02 | DATE 3.5.06 | ALTERED CHECKED APPROVED HRP | REV. 01 | DATE 30.1.88 | ALTERED CHECKED APPROVED | Sd/- Sd/- Sd/- | ADDITIONAL INFORMATION |
| DRG. REDRAWN | | | TOOL 1492638 DELETED. | | | STATUS OF DRAWING | |
| (DCA. 25605) | | | | | | DISTRIBUTION □.C.-1 SWM-3 OF PRINTS TCX-1 | |

TOOL LIST

1492639-GROOVING TOOL
1492638-GROOVING GAUGE

FINISH: - NATURAL

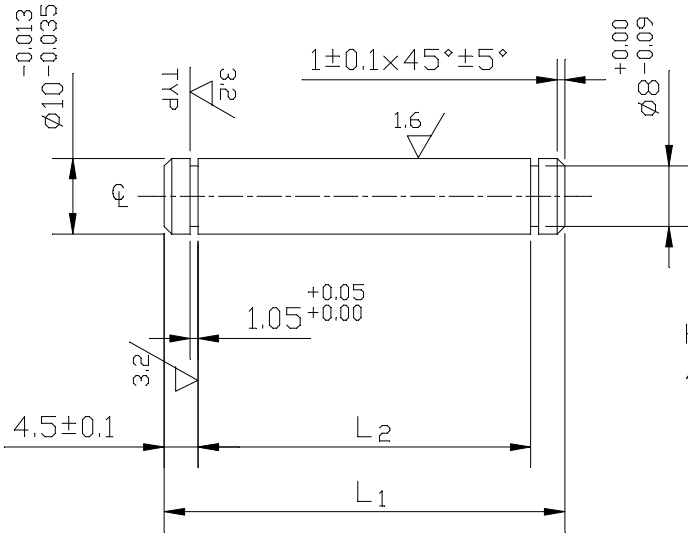


| | | | | | | | | | | | | | | |
|---------------|---|--|---|------------------------------|---|--------------|----------------------|---------------|----------------|---|------------------|----------|----------------|--|
| REF. DRG. NO. | ST943108 | | 001 | ø16x33 LG. H.T. BRASS BAR | | AA1210217023 | | | | | | | | |
| | | | | | | AA12117 | | | | 001 | | | | |
| | REMARKS | | ITEM NO. | DESCRIPTION | | STD | MATL. CODE | MATL. SPCN. | A/C | UNIT | UNIT WT. | | | |
| | | | | | | | | | | | QTY. | | | |
| SIGN. & DATE | 28 → CARD TYPE-3 | | | 28 → CARD TYPE-1 | | | 28 → CARD TYPE-2 | | | | | | | |
| |  | | HAKjr gsoh bysDV&hdYl fyfeVsM HAKsiky BHARAT HEAVY ELECTRICALS LTD. BHOPAL | | | | uke NAME | gLrk_ SIGN | fnuakd DATE | osfj_ dh la[;k NO. OF VAR. | | | | |
| | | | | | | | cuk;k DRN | TSE | Sd/- | - | | | | |
| | | | | | | | tkaprk CKD | MZG | Sd/- | 29.8.82 | | | | |
| INVENTORY NO. | foHAKx DEPT SWE | | vu_ Vky_ uki dh Js.kh UNTOL.DIMS. GR. | |  | | vugikr SCALE | HAKj fd_xk_ | | vis_M&kbZax dk lanHAZ REF. TO ASSY. DRG. | | en d_ | en la[;k | |
| | dksM CODE 409 | | M AA0230208 | | | | 2: 1 | - | | 35211001556 | | ITEM NO. | NO. OF ITEM | |
| | | | | | | | | | | | | 060 | 001 | |
| | | | | | | | | | | | | | | |
| 'Ah"AZB | | | | | | | vkjs[A d-DRAWING NO. | | | | | iquREV. | | |
| PIN | | | | | | | 4 521 10 01509 | | | | | 02 | | |
| | | | | | | | i="B d_ | | SHT. No. 01 | | i="Bksa dh la[;k | | NO. OF SHT. 01 | |

1754366/2023/HEP-SWM20961

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| REV. | DATE | ALTERED | SD- | ADDITIONAL |
|---|---------|--|-----|---------------------|
| 04 | 7.12.05 | CHECKED | SD- | INFORMATION |
| | | APPROVED | SD- | |
| LENGTH OF ITEM 002 WAS 53 IN BOM AND 55 IN DRAWING.CORRECTED IN BOM.(DCA NO. 23368) | | DRG. REDRAWN. BP CODE 12 DIGIT ADDED. M/C SYMBOL CHANGED (DCA NO. 10895) | | STATUS OF DRAWING B |
| | | DISTRIBUTION OF PRINTS | SWE | TCX |
| | | | 1 | 1 |



HARDEN AND TEMPER TO
480±30 HV (48±2 HRC)

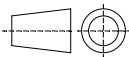
FINISH : – NATURAL

TOOL LIST :– 1492689- GROOVING TOOL

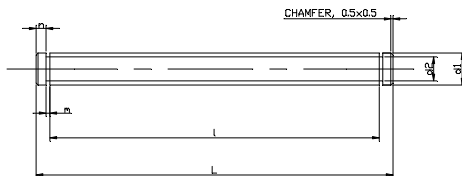
| ITEM | $L_1 \pm 0.3$ | $L_2 \pm 0.3$ |
|------|---------------|---------------|
| 001 | 53 | 44 |
| 002 | 55 | 46 |
| 003 | 63 | 54 |

NOTE : –

- CARBON SHALL NOT BE LESS THAN 0.2 PERCENT.
- ALTERNATIVELY USE MATERIAL TO EN 56D, BS1970.
- FINAL DIMENSIONS TO BE ACHIEVED AFTER ACHIEVING SPECIFIED HARDNESS.

| REF. DRG. NO. | BP9099430337 | 003 | 12 DIA×63 LG. STAINLESS STEEL BAR | AA 1070221074 | KG. | 0.056 | | | |
|---|--------------------|---|---|------------------------|------------------------------|--|-------------------------------------|--------------------------------|-----------------------------------|
| | BP9099430329 | 002 | 12 DIA×55 LG. STAINLESS STEEL BAR | AA 1070221074 | | KG. | 0.0489 | | |
| | | | | AA 10721 | 001 | | | | |
| | BP9099430310 | 001 | 12 DIA×53 LG. STAINLESS STEEL BAR | AA 1070221074 | KG. | 0.047 | | | |
| AA 10721 | | | | 001 | | | | | |
| SIGN. & DATE | REMARKS | ITEM NO. | DESCRIPTION | STD | MATL. CODE | UNIT WT. | | | |
| | | | | | MATL. SPCN. | QTY. | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 28 → CARD TYPE-3 | | 28 → CARD TYPE-1 | | 28 → CARD TYPE-2 | | | | | |
| <div><div><div>बी एच ई एल</div><div>BHEL</div></div><div>HAKjr gsoh bysDV&hdYl fyfeVsM HAKsiky BHARAT HEAVY ELECTRICALS LTD. BHOPAL</div></div> | | | | uke NAME | gLrk SIGN | fnuakd DATE | osfj_ dh la[;k NO. OF VAR. | | |
| | | | | cuk;k DRN | B.D. | Sd/- | | | |
| | | | | tkapk CKD | M.Z.G. | Sd/- | 10-08-82 | | |
| | | | | vugksfnr APPD | B.P.N. | Sd/- | 24-08-82 | | |
| INVENTORY NO. | foHAKx DEPT SWE | vu_ Vky_ uki dh Js.kh UNTOL.DIMS. GR. M AA 0230208 |  | vugikr SCALE 1:1 | HAKj fd_xk- WEIGHT <K.G.> | vis_M&kbZax dk lanHAZ REF. TO ASSY. DRG. 35211001500 | | en d- ITEM NO. 006 | en la[;k NO. OF ITEM 001 |
| | dkSM CODE 409 | | | | | vkjs[A d-DRAWING NO. 45211001595 | | iquREV. 04 | |
| | 'Ah"AZH | | | | | i="B d-SOT. No. 01 | | i="Bksa dh la[;k NO OF SHT. 01 | |
| | PIN | | | | | | | | |

1754366/2023/HEP-SWM20961



TOOL LIST :-

1492657 - GROOVING TOOL
1492685 - GROOVING TOOL
1492688 - GROOVING TOOL
1498796 - GROOVING TOOL
1498797 - GROOVING TOOL

| ITEM NO. | d1 | d2 | ± 0.25 | L | I APPROX. | m ± 0.05 -0.00 | n | STYLE NO. | REF. TO ASSY. DRG. | SIEMEN'S REF. |
|----------|--|---|------------|-----|-----------|-----------------------|--------------|----------------------------------|-----------------------|---------------|
| 001 | $\begin{smallmatrix} +0.000 \\ -0.036 \end{smallmatrix}$ 8 | $\begin{smallmatrix} +0.000 \\ -0.075 \end{smallmatrix}$ 6 | 89 | 82 | 0.94 | 2.5 | BP9099433131 | 35211001533 ITEM 011 | SN60077 B0B8 X 82 | |
| 002 | $\begin{smallmatrix} +0.000 \\ -0.036 \end{smallmatrix}$ 8 | $\begin{smallmatrix} +0.000 \\ -0.075 \end{smallmatrix}$ 6 | 99 | 92 | 0.94 | 2.5 | BP9099433140 | 35211001533 ITEM 012 | SN60077 B0B8 X 92 | |
| 003 | $\begin{smallmatrix} +0.000 \\ -0.043 \end{smallmatrix}$ 16 | $\begin{smallmatrix} +0.000 \\ -0.110 \end{smallmatrix}$ 12 | 94 | 82 | 1.35 | 4.7 | BP9099433150 | 35211001533 ITEM 016 | SN60077 B0B16 X 82 | |
| 004 | $\begin{smallmatrix} +0.000 \\ -0.043 \end{smallmatrix}$ 16 | $\begin{smallmatrix} +0.000 \\ -0.110 \end{smallmatrix}$ 12 | 110 | 98 | 1.35 | 4.7 | BP9099433166 | 35211001533 ITEM 017 | SN60077 B0B16 X 98 | |
| 005 | 8 | $\begin{smallmatrix} +0.000 \\ -0.075 \end{smallmatrix}$ 6 | 108 | 101 | 0.94 | 2.56 | BP9099433174 | 35211001530 ITEM 028 | 4HT40900899 | |
| 006 | $\begin{smallmatrix} +0.016 \\ -0.043 \end{smallmatrix}$ 12 | $\begin{smallmatrix} +0.000 \\ -0.090 \end{smallmatrix}$ 9 | 90 | 80 | 1.15 | 3.85 | BP9099433182 | 35211001530 ITEM 006 | 4HT40900936 | |
| 007 | $\begin{smallmatrix} +0.000 \\ -0.030 \end{smallmatrix}$ 6 | $\begin{smallmatrix} +0.000 \\ -0.075 \end{smallmatrix}$ 5 | 22 | 16 | 0.74 | 2.3 | BP9099433190 | 35211001556 ITEM 082 | SN60077 B0B6 X 16 | |
| 008 | $\begin{smallmatrix} +0.000 \\ -0.036 \end{smallmatrix}$ 8 | $\begin{smallmatrix} +0.000 \\ -0.075 \end{smallmatrix}$ 6 | 35 | 28 | 0.94 | 2.5 | BP9099433204 | 35211001556 ITEM 086 | SN60077 B0B8 X 28 | |
| 009 | $\begin{smallmatrix} +0.000 \\ -0.030 \end{smallmatrix}$ 4 | $\begin{smallmatrix} +0.000 \\ -0.075 \end{smallmatrix}$ 3.2 | 79 | 75 | 0.64 | 1.5 | BP9099433212 | 35211001556 ITEM 099 | SN60077 B0B4 X 75 | |
| 010 | $\begin{smallmatrix} +0.000 \\ -0.043 \end{smallmatrix}$ 12 | $\begin{smallmatrix} +0.000 \\ -0.090 \end{smallmatrix}$ 9 | 35 | 25 | 1.15 | 3.8 | BP9099433220 | 35211001556 ITEM 009 | SN60077 B0B12 X 25 | |
| 011 | $\begin{smallmatrix} +0.000 \\ -0.036 \end{smallmatrix}$ 8 | $\begin{smallmatrix} +0.000 \\ -0.075 \end{smallmatrix}$ 6 | 101 | 94 | 0.94 | 2.5 | BP9099186304 | 05213030512-26 35217001513-25 | - | |

| | | | | | | | | | | |
|--------|---------|---------|----------|--------------------------------|----------|-------------|--------------|------------|--------|------|
| | | | 011 | #10X101 LG STAINLESS STEEL BAR | | | AA1070221066 | | 0.062 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 010 | #16X35 LG STAINLESS STEEL BAR | | | AA1070221082 | | 0.035 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 009 | #6X79 LG STAINLESS STEEL BAR | | | AA1070221015 | | 0.017 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 008 | #10X35 LG STAINLESS STEEL BAR | | | AA1070221066 | | 0.021 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 007 | #8X22 LG STAINLESS STEEL BAR | | | AA1070221040 | | 0.008 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 006 | #16X90 LG STAINLESS STEEL BAR | | | AA1070221082 | | 0.142 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 005 | #8X108 LG STAINLESS STEEL BAR | | | AA1070221040 | | 0.042 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 004 | #20X110 LG STAINLESS STEEL BAR | | | AA1070221104 | | 0.271 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 003 | #20X94 LG STAINLESS STEEL BAR | | | AA1070221104 | | 0.231 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 002 | #10X99 LG STAINLESS STEEL BAR | | | AA1070221066 | | 0.061 | |
| | | | | | | | AA10721 | | 0.01 | |
| | | | 001 | #10X89 LG STAINLESS STEEL BAR | 2 | | AA1070221066 | | 0.0549 | |
| | | | | | | | AA10721 | | 0.01 | |
| VAR 00 | REMARKS | VAR NO. | ITEM NO. | DESCRIPTION | ITEM NO. | DRAWING NO. | ITEM NO. | MATL. CODE | UNIT | QTY. |
| | | | | | | | | | | |

ADDITIONAL INFORMATION

mRikn dk f-dkj ik
ik-gd6071kalkuk dk uke
TYPE OF PRODUCT OR
NAME OF CUSTOMER/PROJECT

V.C.B.

STATUS OF DRAWING

DISTRIBUTION OF PRINTS
D/C -1 TCX -1
SVM -3

HAKJ geoh bysDV&dY1 fyfeVaM
HAKalky
BHARAT HEAVY ELECTRICALS LTD.
BHOPL

NAME
B.D.V. Sd/-
M.Z.G. Sd/-
B.P.N./P.K.G. Sd/-

| REV. | DATE | ALTERED | CHECKED | APPROVED | REV. | DATE | ALTERED | CHECKED | APPROVED | REV. | DATE | ALTERED | CHECKED | APPROVED |
|------------------------------|----------|---------|---------|----------|---|----------|---------|---------|----------|----------------|----------|---------|---------|----------|
| 05 | 27.09.03 | | | | 04 | 02.11.96 | | | | 03 | 31.08.99 | | | |
| DRG. REDRAWN SHEET 02 ADDED. | | | | | IN B.D.M. MATL. FOR ITEMS. 001,002,005,007,008 & 011 WAS 12 DIA. TO AA1070221074. | | | | | ITEM 011 ADDED | | | | |
| (DCA NO. 22969) | | | | | (DCA-08090) | | | | | | | | | |

DRG. REDRAWN IN B.D.M.
MAT. FOR ITS. 009 WAS 12Ø X 79 LG. AA1070221074
(Ag. PER SUGGESTION NO. 2076800930)

HAKJ geoh bysDV&dY1 fyfeVaM
HAKalky
BHARAT HEAVY ELECTRICALS LTD.
BHOPL

NAME
B.D.V. Sd/-
M.Z.G. Sd/-
B.P.N./P.K.G. Sd/-

PINS

2 521 10 01581

1754366/2023/HEP-SWM20961

REV. DATE ALTERED

03 27.01.03

CHECKED

ADDITIONAL INFORMATION

STATUS OF DRAWING

B

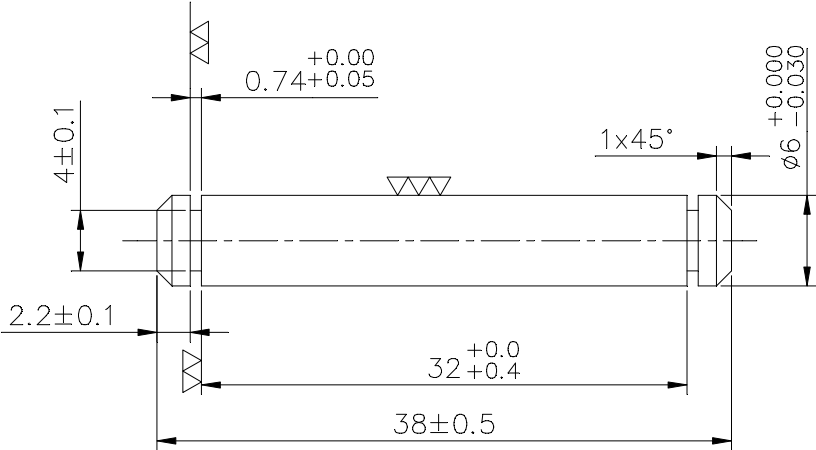
DISTRIBUTION OF PRINTS

O/C-1 SWM-3

TCX-1

DRG. REDRAWN.

(DCA 12297)



TOOL LIST

1492756 GROOVING TOOL

| | | | | | |
|-----------|----------|--|---------------|-------|----------|
| ST 943072 | 001 | Ø8 x 38 LG. STAINLESS S. BAR (MARTENSITIC) | AA 1070221040 | KG. | 0.015 |
| | | | AA 10721 | | 001 |
| REMARKS | ITEM NO. | DESCRIPTION | MATL. CODE | A - C | UNIT WT. |
| | | | MATL. SPECN | | QTY. |

INVENTORY No.

SIGN & DATE

45211001511-R03-S01

REF. DRG. No.

व.प.स.एम.

BPHEE

BHATAT HEAVY ELECTRICALS LIMITED

BHOPAL

DEPT. SWE

UN. TOL.DIM.GR.

M

AA 0230208

SCALE 2:1

WEIGHT (Kg.)

TITLE

PIN

NAME

T.S.E.

M.Z.G.

B.P.N.

SIGN.

Sd/-

Sd/-

Sd/-

DATE

-

21.08.82

28.08.82

NO.OF VAR

-

REF. TO ASSY. DRG.

35211001532

ITEM NO.

005

NO.OF ITEMS

001

DRAWING No.

4 521 10 01 511

REV.

03

SHEET NO.

01

NO.OF SHEETS

01

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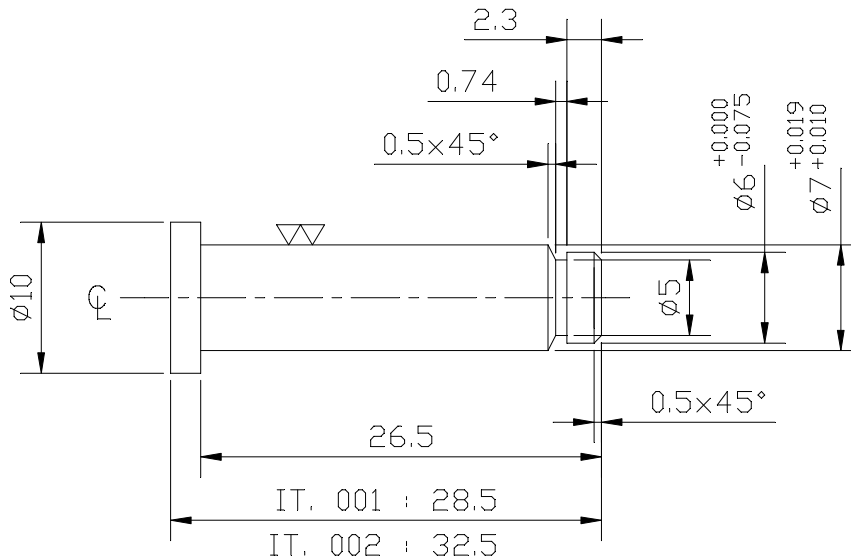
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SIZE A4

1754366/2023/HEP-SWM20961

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| | | | |
|-------------------------|----------|--------------------|---------------------------|
| REV. | DATE | ALTERED CHECKED | ADDITIONAL INFORMATION |
| 03 | 22.12.06 | APPROVED MAK | |
| DIM. FOR CHAMFER ADDED. | | | STATUS OF DRAWING B |
| <DCA NO. 26510> | | | DISTRIBUTION OF PRINTS |
| | | | SWE SWM TCX 1 3 1 |




NOTE : -

PINS SHALL BE STOKED IN OIL TO AVOID RUSTING

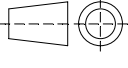
45211001512-R03-S01
REF. DRG. NO.

| | | | | | |
|--------------|-------------|--|---------------|------|----------|
| BP9099431570 | 002 | 10 DIA×32.5 LG. STAINLESS STEEL BAR | AA 1070221066 | | 0.02 |
| BP9099431465 | 001 | 10 DIA×28.5 LG. STAINLESS STEEL BAR | AA 10721 | | 001 |
| REMARKS | ITEM NO. | DESCRIPTION | MATL. CODE | UNIT | UNIT WT. |
| | | | MATL. SPCN. | | QTY. |

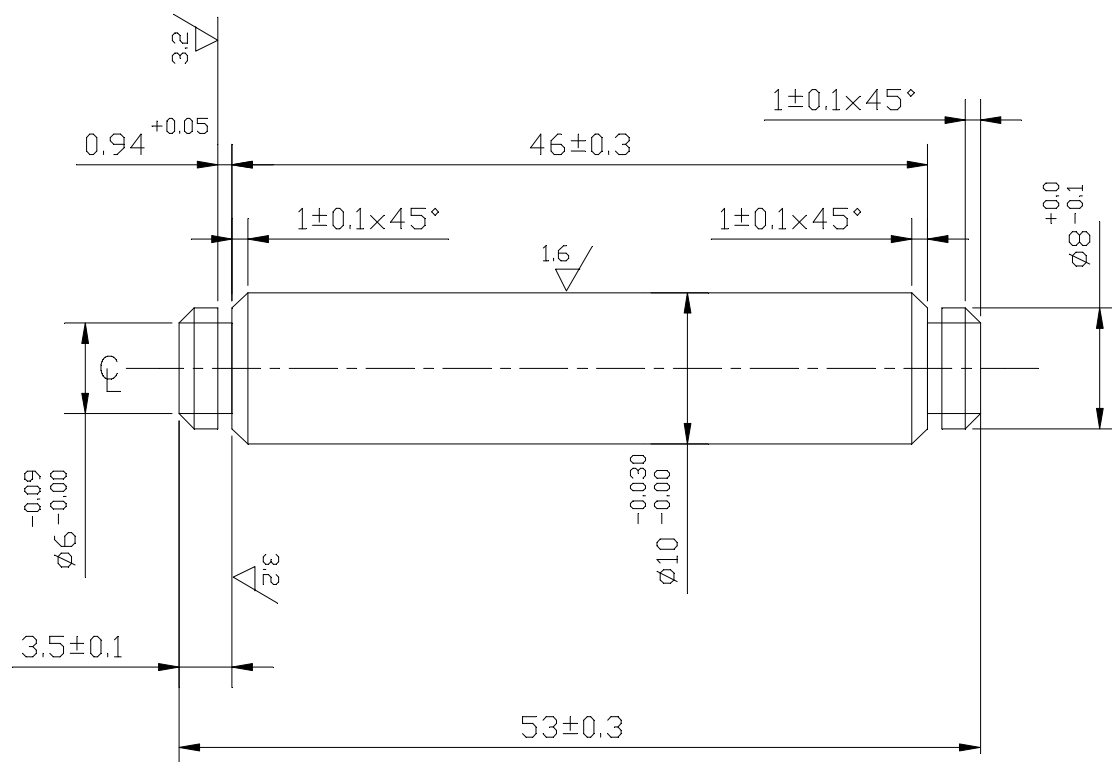
SIGN. & DATE

| | | |
|--|------------------|------------------|
| 28 → CARD TYPE-3 | 28 → CARD TYPE-1 | 28 → CARD TYPE-2 |
|  BHARAT HEAVY ELECTRICALS LTD. BHOPAL | | |
| uke NAME | glrk SIGN | fnugkd DATE |
| cuk;k DRN | N.K.W. | Sd/- |
| tkapk CKD | P.S.S. | Sd/- |
| vugksfmr APPD | D.K.D. | Sd/- |
| | | 00 |

INVENTORY NO.

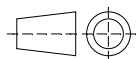
| | | | | | | | |
|--------------------|---|---|------------------------|-------------------------------|--|--------------------------|----------------------------------|
| foHAKx DEPT SWE | vu_ Vky_ uki dh Js.kh UNTOL.DIMS. GR. M |  | vuqikr SCALE 2:1 | HAKj fd_xk_— WEIGHT (K.G.) | vis_M&kbZax dk lanHAZ REF. TO ASSY. DRG. 05213040524 | en d— ITEM NO. 073 | en la;k NO. OF ITEM 002 |
| dkSM CODE 409 | AA 0230208 | | | | vk.js[A d—DRAWING NO. 45211001512 | | iquREV. 03 |
| 'Ah"AZD.E PIN | | | | i="B d—SOT. No. 01 | | | |
| | | | | i="Bkso dh la;k OF SHT. 01 | | | |

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FINISH :- NATURAL

TOOL LIST :- 1492688- GROOVING TOOL

| | | | | | | | | | | | | | | | | | | |
|---------------|---|--|---|--------------------------------------|--|---|-----|-----------------------------------|--|------------------------------|-----|--|--|---|--------------------------|--|-----------------------------------|--|
| INVENTORY NO. | TOOL LIST :- 1929888- GRINDING TOOL. | | | | | | | | | | | | | | | | | |
| | BP 9099430280 | | 001 | 12 DIA×53 LG. STAINLESS STEEL BAR | | | STD | AA 1070221074 | | UNIT A C | KG. | 0.047 | | | | | | |
| | | | | | | | | AA 10721 | | | | 001 | | | | | | |
| | REMARKS | | ITEM NO. | DESCRIPTION | | | | MATL. CODE | | | | UNIT WT. | | | | | | |
| | | | | | | MATL. SPCN. | | QTY. | | | | | | | | | | |
| SIGN. & DATE | 28 → CARD TYPE-3 | | | 28 → CARD TYPE-1 | | | | 28 → CARD TYPE-2 | | | | | | | | | | |
| | <div><div><div>बी एच ई एल</div><div>BHEL</div></div><div>HAKjr gsOh bysDV&hdYl fyfeVsM HAKsiky BHARAT HEAVY ELECTRICALS LTD. BHOPAL</div></div> | | | | | | | uke NAME B.D.V. | | glrk— SIGN Sd/- | | fnuokd DATE 10-08-82 | | osfj— dh la[;k NO. OF VAR. 00 | | | | |
| | | | | | | | | tkapk CKD M.Z.G. | | Sd/- | | 10-08-82 | | | | | | |
| | | | | | | | | vugeksfr APPD B.P.N./R.K.G. | | Sd/- | | 24-08-82 | | | | | | |
| | foHakx DEPT SWE | | vu_ Vky_ uki dh Js.kh UNTOL.DIMS. GR. M AA 0230208 | | |  | | vuqkr SCALE 1:0.5 | | HAKj fd_xk— WEIGHT (K.G.) | | vls_M&kbZax dk lanHAZ REF. TO ASSY. DRG. 35211001500 | | | en d— ITEM NO. 005 | | en la[;k NO. OF ITEM 001 | |
| | dksM CODE 409 | | | | | | | | | | | | | | | | | |
| | 'Ah"AZHLE | | | | | PIN | | | | | | vksjs[A d—DRAWING NO. 45211001580 | | | | | iquREV. 02 | |
| | | | | | | | | | | | | i="B d—SHT. No. 01 | | | | | i="Bksa dh la[;k OF SHT. 01 | |

1754366/2023/HEP-SWM20961

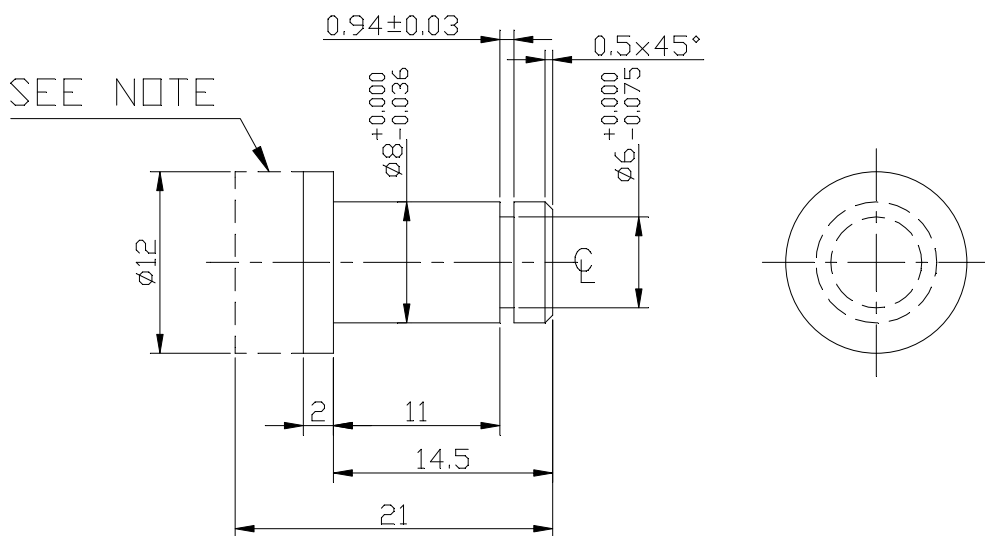
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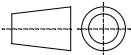
| REV. | DATE | ALTERED | MKN | ADDITIONAL |
|----------------------------|----------|----------|------|--|
| | | CHECKED | PARE | INFORMATION |
| | | APPROVED | MAK | |
| 01 | 29.10.13 | | | |
| DIM. UPDATED & NOTE ADDED. | | | | STATUS OF DRAWING B |
| <DCA. NO. 32193> | | | | DISTRIBUTION □.C.-1 SWM-3 OF PRINTS TCX-1 |

UNSPECIFIED TOLERANCES SHALL BE :—

FOR MACHINING MEDIUM AA0230208.

FOR SHEARING OF SHEETS AS PER AA0230409.

NOTE:— DOTTED PORTION TO BE SHARED OFF AFTER
COMPLETING ALL OTHER OPERATION.

| | | | | | | | | | | | | | | | | | |
|---------------|---|--|---|--|---|--|------------------------|------------------------------|--|--------------|-------------------|-------------------------------------|------|-------------------------------------|--|-----------------------------|--|
| INVENTORY NO. | REF. DRG. NO. | | | | | | | | | | | | | | | | |
| | BP9099124716 | | 001 | Ø12X21 LG.STN. S. BAR (Gr.20 Cr.13-H & T) | | | | | AA1070221074 | | KG. | 0.006 | | | | | |
| | | | | | | | | | AA10721 | | | 001 | | | | | |
| | REMARKS | | ITEM NO. | DESCRIPTION | | | | | STD | MATL. CODE | | A | UNIT | UNIT WT. | | | |
| SIGN. & DATE | | | | | | | | | | MATL. SPCN. | | C | | QTY. | | | |
| | 28 → CARD TYPE-3 | | | 28 → CARD TYPE-1 | | | | | 28 → CARD TYPE-2 | | | | | | | | |
| |  | | HAKjr gsoh bysDV&hdYl fyfeVsM HAKsiky BHARAT HEAVY ELECTRICALS LTD. BHOPAL | | | | | | | | | | | | | | |
| | | | | | | | | | uke NAME | gLrk SIGN | fnuckd DATE | osfj_ dh la[;k NO. OF VAR. | | | | | |
| | foHAKx DEPT SWE | | vu_ Vky_ uki dh Js.kh UNTOL.DIMS. GR. M AA0230208 | |  | | vugikr SCALE 2:1 | HAKj fd_xk— WEIGHT (K.G.) | vis_M&kbZax dk lanHAZ REF. TO ASSY. DRG. — | | en d— ITEM NO. | en la[;k NO. OF ITEM | | | | | |
| | dksM CODE 409 | | | | | | | | | | | — | | | | | |
| | | | | | | | | | | | | 001 | | | | | |
| | | | | | | | | | | | | 001 | | | | | |
| 'Ah"AZD.E | | | | | | | | | | | | | | vkjs[A d—DRAWING NO. 45212001816 | | iquREV. 01 | |
| | | | | | | | | | | | | | | i="B d—SOT. No. 01 | | i="Bksa dh la[;k OF SHT. 01 | |