

| REV | DATE | ALTERED  |
|-----|------|----------|
|     |      | APPROVED |

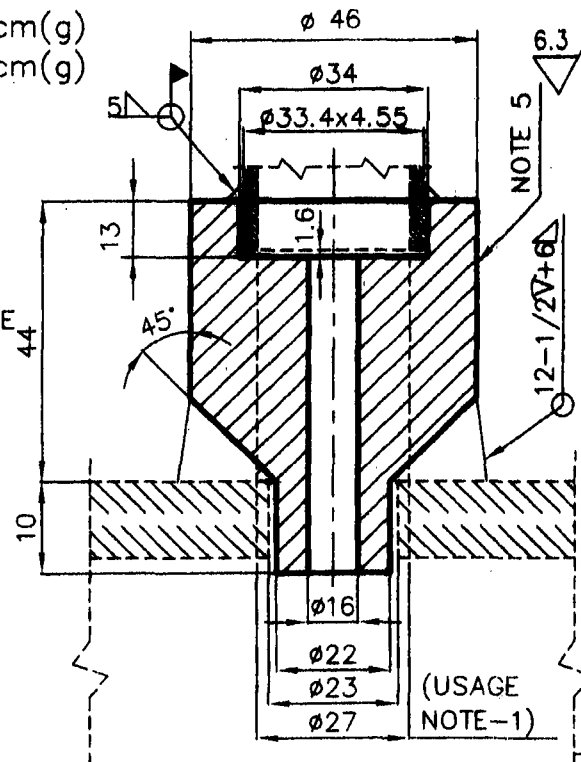
DESIGN PRESSURE AT 343°C : 263 kg/sq.cm(g)  
DESIGN PRESSURE AT 370°C : 250 kg/sq.cm(g)

## NOTES:

- 1) TOLERANCE ON LENGTH: +1mm, -0mm.
- 2) BORES SHALL BE CONCENTRIC WITHIN  $\pm 0.4$ mm.
- 3) TOLERANCE ON DIAMETERS  $\pm 0.1$  mm.
- 4) COINCIDENCE OF AXES: THE MAXIMUM ALLOWABLE VARIATION IN THE ALIGNMENT OF FITTING BORE AND SOCKET BORE AXES SHALL BE 0.5%.
- 5) STAMP IDENTIFICATION MARK:  
"SA105 A CL3000-25".
- 6) RAW MATERIAL OF DIFFERENT SIZE IS ACCEPTABLE IF FINAL DIMENSIONS ARE MAINTAINED.
- 7) THE CRITICAL DIMENSIONS ARE IN LINE WITH ASME B16.11 (HALF COUPLING)/CL3000.

## NOTES FOR USAGE OF STUBS:

- 1) BORE THROUGH TO  $\phi 27$  AFTER WELDING.
- 2) THE WELDMENTS SHOWN ARE ONLY FOR THE PURPOSE OF INFORMATION AND GUIDANCE.



## STANDARD

|     |                      |                 |   |      |              |
|-----|----------------------|-----------------|---|------|--------------|
|     | ROD $\phi 50$ ; L=54 | 15 339 142 0000 | A |      | 0 430        |
|     |                      | SA105           |   |      |              |
| NO. | DESCRIPTION          | MATL. CODE      | A | UNIT | UNIT.WT.(Kg) |
|     |                      | MATL. SPECN.    | C | DI   | QTY.         |



**BHARAT HEAVY ELECTRICALS LIMITED**  
PIPING CENTRE  
CHENNAI 600 017

|      | NAME        | SIGN | DATE     | NO. OF VAR |
|------|-------------|------|----------|------------|
| DRN  | K.SIVARAJAN |      | 05.03.02 |            |
| CHD  | R.ANANTH    |      | 05.03.02 |            |
| APPD | S.JAYAKUMAR |      | 05.03.02 |            |

| DEPT                                                                                                                    | GRADE OF UNTO DIM | SCALE | WEIGHT (KG). | REF. TO ASSY./OLD DRG.  | ITEM NO.  | NO. OF ITEMS |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|-------|--------------|-------------------------|-----------|--------------|
| CODE                                                                                                                    | C / M / F         | N.T.S | 0.430        | 3-80-999-97333 (VAR.07) |           |              |
| TITLE                                                                                                                   | CARD CODE         |       |              | DRAWING NO.             | REV       |              |
| <b>SOCKET WELDED STUB CS</b><br><b>NB 25-CL 3000 (ATTEST)</b><br><b>(CONN. PIPE <math>\phi 33.4 \times 4.55</math>)</b> | U 01              |       |              | <b>4-80-999-97620</b>   | <b>00</b> |              |