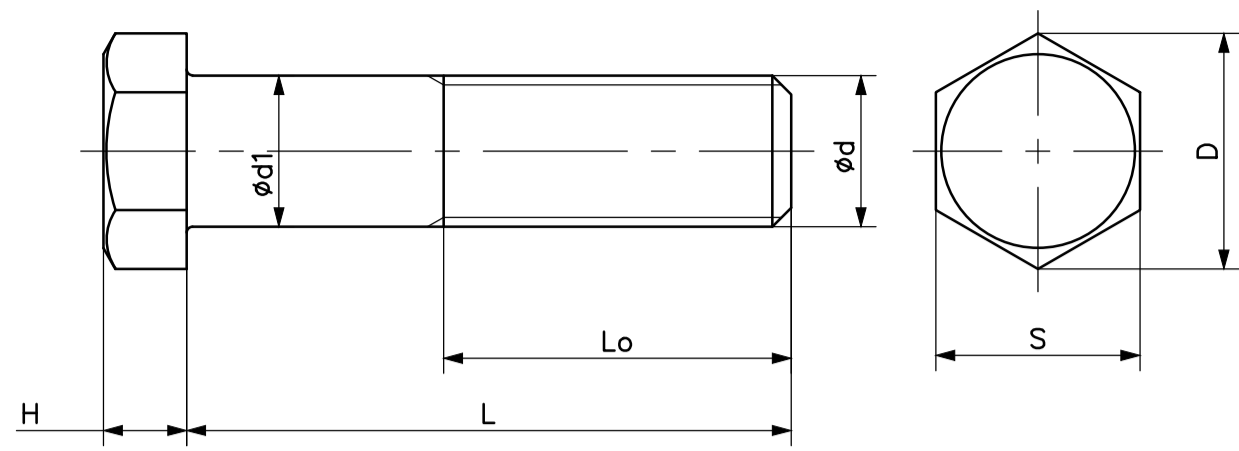


99900-828-00556
DRAWING NO.

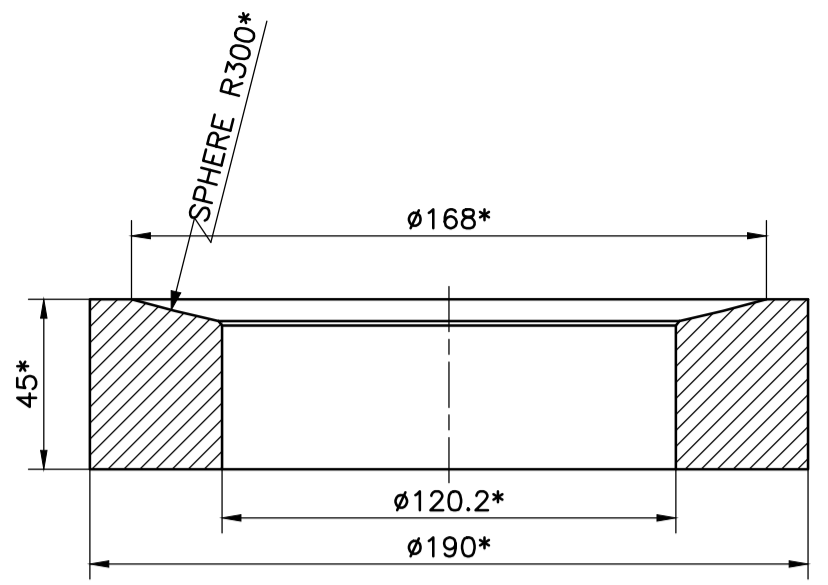
ALL DIMENSIONS ARE IN MILLIMETERS



| VAR NO. | d | d1 | D | H | S | L | Lo |
|---------|-------------|----|------|------|----|----|----|
| 01 | M12x1.75-6g | 12 | 20.9 | 8 | 19 | 35 | 20 |
| 02 | M20x2.5-6g | 20 | 33 | 12.5 | 30 | 60 | 40 |

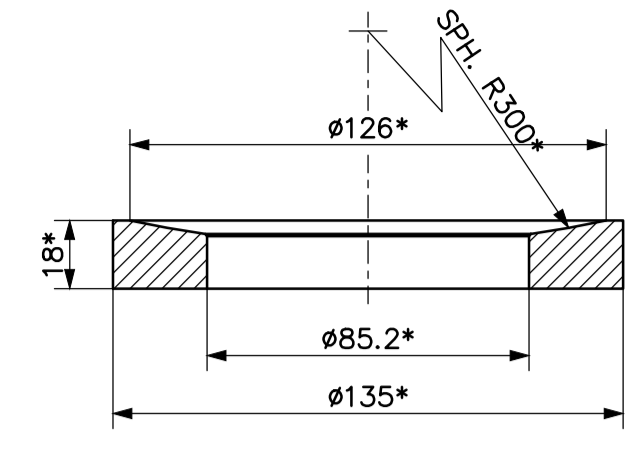
ITEM-01&02

| | |
|--------------------------|-------------|
| UNIT SURF. AREA (VAR-01) | 0.0027 SQ.M |
| UNIT SURF. AREA (VAR-02) | 0.0075 SQ.M |



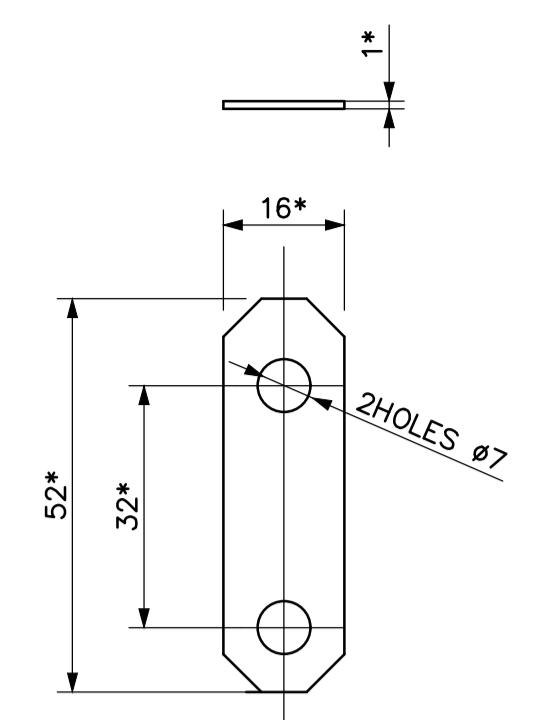
ITEM-03

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0716 SQ.M |
|-----------------|-------------|



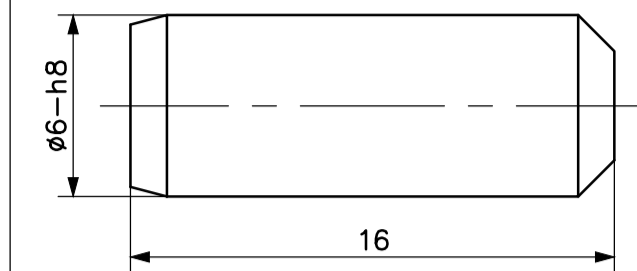
ITEM-04

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0270 SQ.M |
|-----------------|-------------|



ITEM-05

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0016 SQ.M |
|-----------------|-------------|

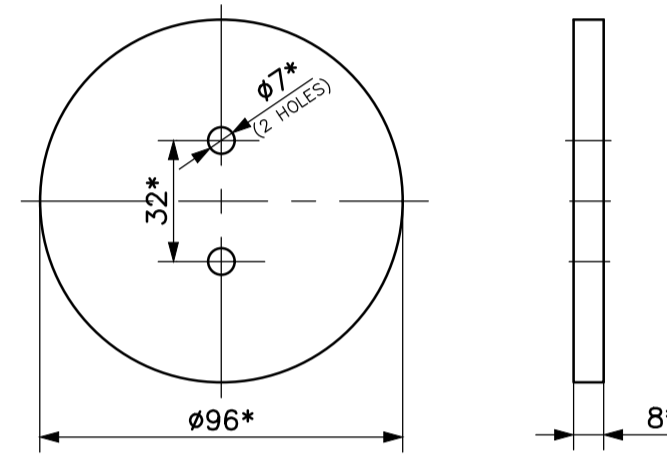


ITEM-11

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0003 SQ.M |
|-----------------|-------------|

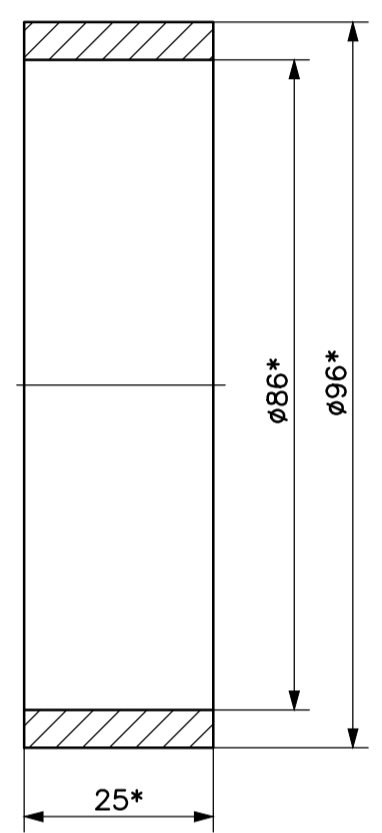
NOTES: -

- CARRY OUT ZINC PHOSPHATE COATING AS PER LATEST APPROVED PROCEDURE.
- THREADS SHALL SATISFY GO AND NO GO GAUGES AS PER ISO-1502 AFTER COATING.
- THREADS SHALL BE SUITABLY PROTECTED FROM DAMAGE.
- * DIMENSIONS ARE FOR REFERENCE ONLY.
- No. OF QUANTITY INDICATED IN BOM IS FOR ACTUAL JOB REQUIREMENT. HOWEVER THE TOTAL NO. OF QUANTITY FOR ZINC PHOSPHATE COATING FOR EACH ITEM IS TO BE DONE AS PER INDENT/PO.



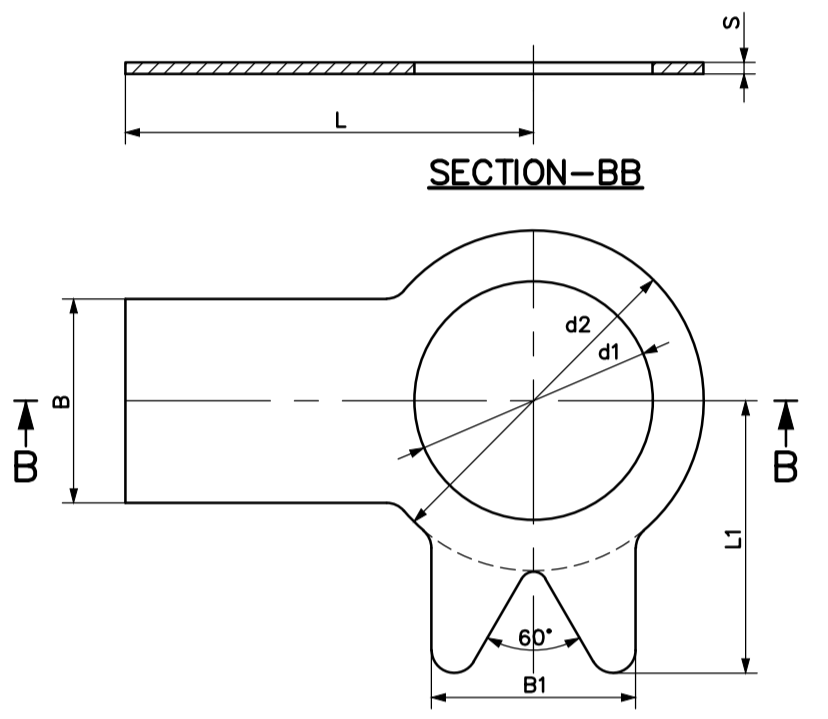
ITEM-06

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0171 SQ.M |
|-----------------|-------------|



ITEM-07

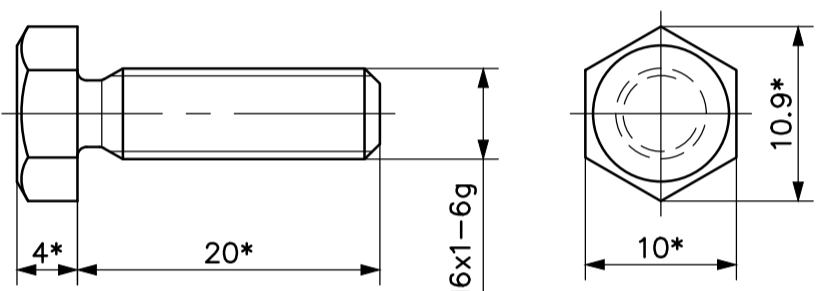
| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0172 SQ.M |
|-----------------|-------------|



ITEM-08

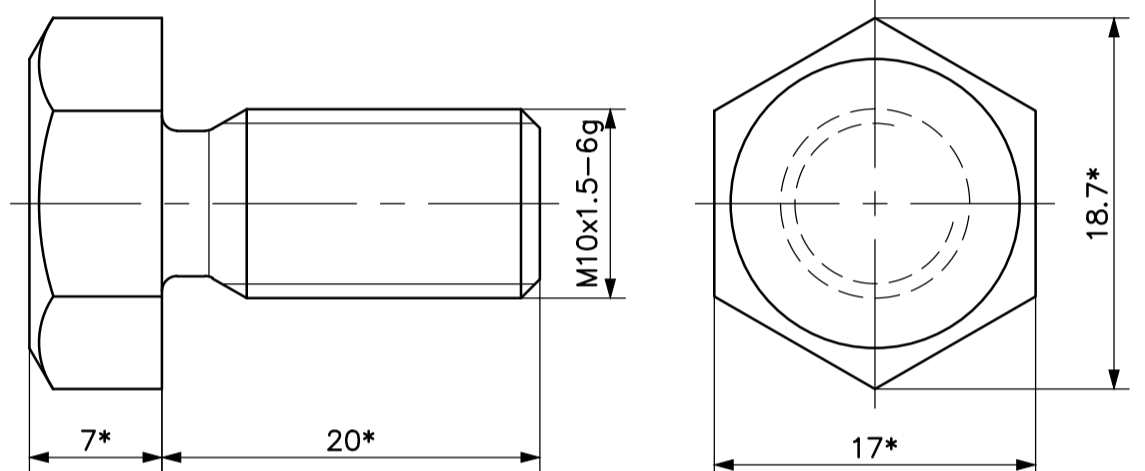
| VAR NO. | FOR BOLT | d1 | d2 | B | B1 | L | L1 | S |
|---------|----------|------|----|----|----|----|----|-----|
| 05 | M10 | 10.5 | 17 | 10 | 10 | 22 | 13 | 1.6 |

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0007 SQ.M |
|-----------------|-------------|



ITEM-09

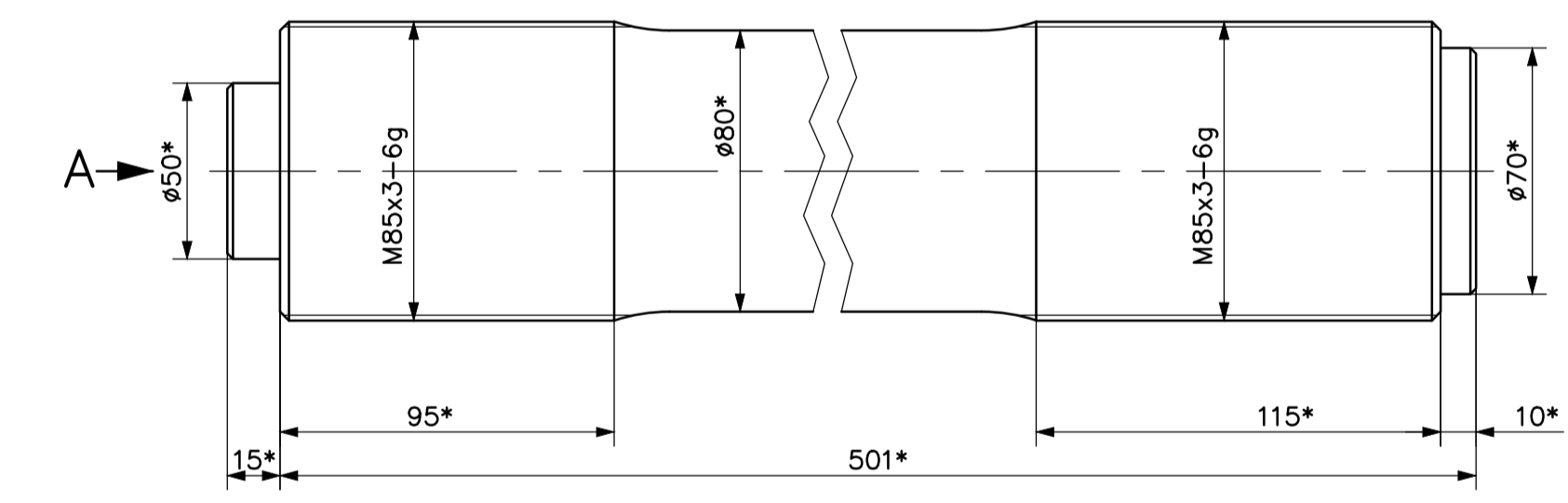
| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0008 SQ.M |
|-----------------|-------------|



ITEM-10

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0017 SQ.M |
|-----------------|-------------|

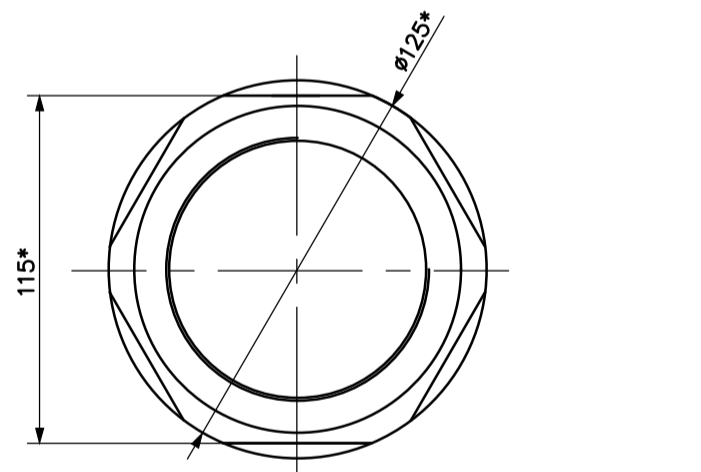
THIS DRG. IS MADE IN-LINE WITH PROCESS REQUIREMENTS



VIEW-A (1:1)

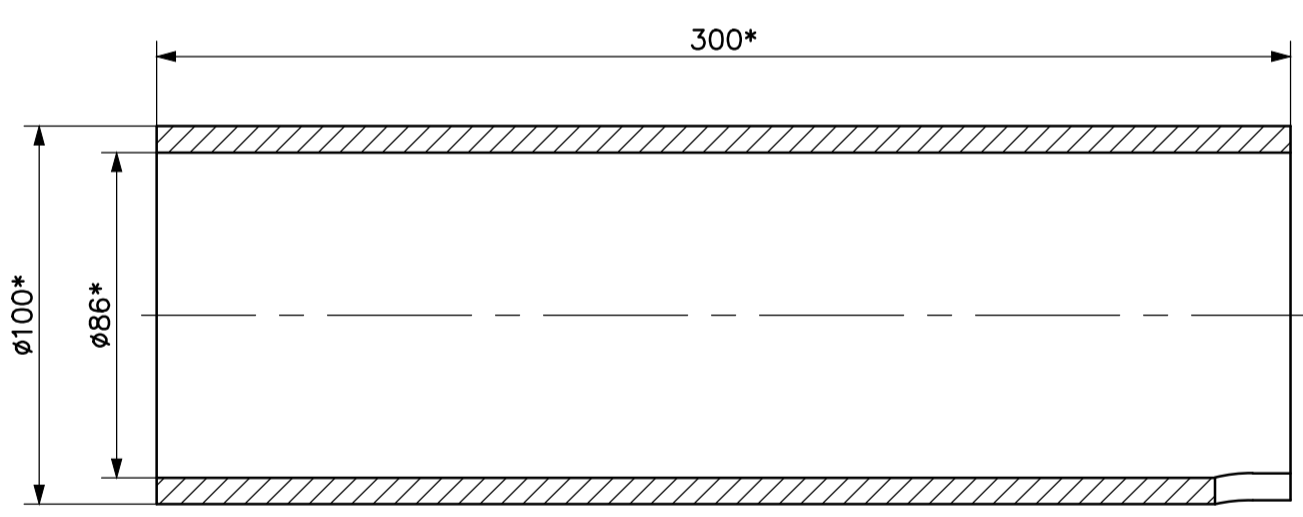
ITEM-12

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.1569 SQ.M |
|-----------------|-------------|



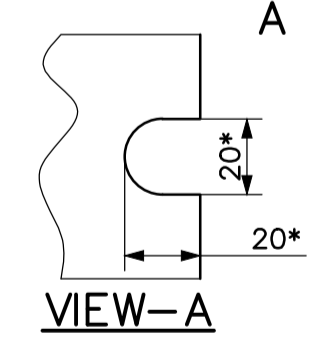
ITEM-13

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.0657 SQ.M |
|-----------------|-------------|



ITEM-14

| | |
|-----------------|-------------|
| UNIT SURF. AREA | 0.1789 SQ.M |
|-----------------|-------------|



VIEW-A

| VARIANT NUMBER | ITEM NUMBER | DESCRIPTION | STD | DRAWING NUMBER/SIZE | ITEM NO | MATERIAL CODE | AC | UNIT | UNIT WEIGHT | QTY | ZONE |
|----------------|-------------|---------------------|-----|---------------------|---------|---------------|----|------|-------------|-----|------|
| | 14 | SLEEVE-5 | | | | 38XH3M#A | | | 4.886 | 8 | |
| | 13 | NUT-M85x3 | | | | 38XH3M#A | | | 3.427 | 8 | |
| | 12 | STUD-M85x3 | | | | 38XH3MDA | | | 21.779 | 8 | |
| | 11 | PIN | | | | SA516 Gr70 | | | 0.001 | 8 | |
| | 10 | BDLT-M10-6g | | | | SA105 | | | 0.026 | 32 | |
| | 09 | BDLT-M6-6g | | | | SA105 | | | 0.007 | 16 | |
| | 08 | TAB WASHER (VAR-05) | | | | IS: 513 | | | 0.004 | 32 | |
| | 07 | BUSH-7 | | | | SA516 Gr70 | | | 0.281 | 8 | |
| | 06 | DISC-5 | | | | SA516 Gr70 | | | 0.453 | 8 | |
| | 05 | PLATE-3 | | | | SA516 Gr70 | | | 0.005 | 8 | |
| | 04 | WASHER-D85. 2-H11 | | | | 30XMA | | | 1.171 | 8 | |
| | 03 | WASHER-D120. 2-H12 | | | | 30XMA | | | 6.000 | 24 | |
| | 02 | BDLT (VAR-02) | | | | 25X1M# | | | 0.216 | 48 | |
| | 01 | BDLT (VAR-01) | | | | 25X1M# | | | 0.034 | 148 | |

CAUTION: The information on this drawing is the property of Bharat Heavy Electricals Ltd. It must not be used directly or indirectly in any way without the written consent of the company.

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: W.O.No. D098 & D099

Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

DRN: K.R. 280518
CHD: RRV/EARUN 310518
APPD: A.S. 310518

DEPT: NC GRADE OF UNTOOL DIM: C/M/F SCALE: WEIGHT (Kg): REF TO ASSY / OLD DWG: ITEM NO: NO. OF ITEMS:

TITLE: COMPONENT DETAILS FOR ZINC PHOSPHATE COATING
CARD CODE: U 01
DRAWING NO: 1-PV-628-00556
REV: 01

| REV | DATE | ALTERED |
|-----|--------|----------------------|
| 01 | 010616 | CHD&APPD : RRV/EARUN |

IN BOM ITEMS REARRANGED & ITEMS 08T014 ADDED. NOTE-S ALTERED AS PER ANNEXURE-II OF DOCUMENT No. OP&C:PROC:RPV1B2:007