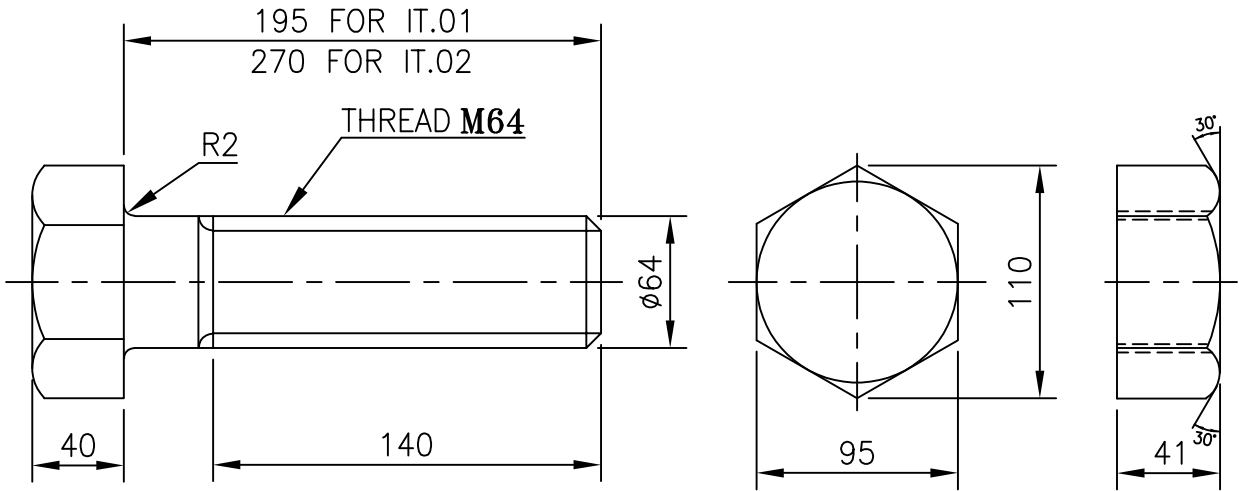


## FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

|                                                                                                                                                                                           |      |      |          |      |      |          |                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|----------|------|------|----------|------------------------------------|
| THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED<br>IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN THE WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY. | REV. | DATE | ALTERED  | REV. | DATE | ALTERED  | ADDITIONAL W.O.No.                 |
|                                                                                                                                                                                           |      |      | CHECKED  |      |      | CHECKED  | INFORMATION                        |
|                                                                                                                                                                                           |      |      | APPROVED |      |      | APPROVED | STATUS OF DRG. LIST No.            |
|                                                                                                                                                                                           |      |      |          |      |      |          | DISTRIBUTION OF PRINTS CDE-2 HCM-4 |

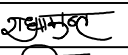
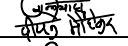
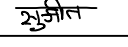
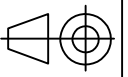


**DETAIL OF ITEM 01 & 02** **ITEM-03**

**NOTES :-**

- MACHINE ALL OVER EXCEPT ON HEXAGONAL SURFACE.
- THREADS: AS PER IS:4218 PART 2, PITCH: COARSE.
- MECHANICAL PROPERTIES :  
TO CONFIRM TO PROPERTY CLASS 4.6 AS SPECIFIED IN IS 1367-79  
PT-3 FOR BOLT (TEST: TENSILE YIELD STRESS, ELONGATION & HARDNESS).  
AND IS:1367 PT-6 FOR NUT.
- FINISHED FASTENERS TO BE HOT DIP GALVANIZED  
THICKNESS: 60μm (MINIMUM).
- NO NEGATIVE TOLERANCE ON LENGTH OF BOLT.
- IT IS TO ENSURE THAT FINISHED GALVANIZED FASTENERS WITH EXTERNAL  
THREADS (i.e. BOLT) CAN BE ASSEMBLED BY HAND FOR FULL THREAD  
LENGTH WITH INTERNALLY THREADED GALVANIZED FASTENERS (i.e. NUTS).

|               |         |                         |             |                                   |            |    |      |
|---------------|---------|-------------------------|-------------|-----------------------------------|------------|----|------|
| REF. DRG. NO. | 03      | NUT HEX M64             | 1           | CARBON STEEL<br>IS:1367 P-4       | C          | KG | 1.33 |
|               | 02      | BOLT HEX M64<br>270 LG. | 1           | CARBON STEEL<br>IS:1367 CLASS 4.6 | C          | KG | 8.85 |
|               | 01      | BOLT HEX M64<br>195 LG. | 1           | CARBON STEEL<br>IS:1367 CLASS 4.6 | C          | KG | 6.96 |
|               | REMARKS | ITEM NO.                | DESCRIPTION | STD                               | MATL. CODE | A  | UNIT |
|               |         |                         |             |                                   |            |    | QTY. |

|              |                                                                                                                                                                                     |                                                |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                                                               |                               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------|-------------------------------|
| SIGN. & DATE |  <b>भारत हेवी इलेक्ट्रिकल्स लिमिटेड</b><br><b>BHARAT HEAVY ELECTRICALS LTD.</b><br><b>BHOPAL</b> |                                                | नाम / NAME<br>राधाकान्त मेहेर<br>एलियास बेसरा<br>दीपक मोदीकर<br>सुजीत के बिश्वास    | हस्ता / SIGN.<br><br><br><br> | दि./ DATE<br>04.09.19<br>04.09.19<br>04.09.19 | चेक की संख्या<br>NO. OF<br>VAR.<br>—                          |                               |
|              | विभाग DEPT.<br>कोड CODE<br>411                                                                                                                                                      | उन्.टल. नाप की त्रुटि<br>UNTOL. DIMS. GR.<br>M |  | अनुपात SCALE<br>--                                                                                                                                                                                                                                                                                                                                                                | भार कि.ग्रा.<br>WEIGHT(K.G.)<br>--            | उसे. ड्राईंग का संदर्भ<br>REF. TO ASSY. DRG.<br>3-17053-41884 | मद क.<br>ITEM NO.<br>04,05,06 |
|              | शीर्षक/TITLE<br><b>HEX BOLT &amp; NUT</b><br><b>(M64)</b>                                                                                                                           |                                                |                                                                                     | ड्राईंग क./ DRAWING NO.<br><b>4-17053-41051</b>                                                                                                                                                                                                                                                                                                                                   |                                               | पुन./REV.<br><b>00</b>                                        |                               |
|              | पृष्ठ क./ SHT. NO. 1                                                                                                                                                                |                                                |                                                                                     | पृष्ठों की सं. NO. OF SHT. 1                                                                                                                                                                                                                                                                                                                                                      |                                               |                                                               |                               |