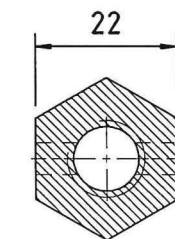
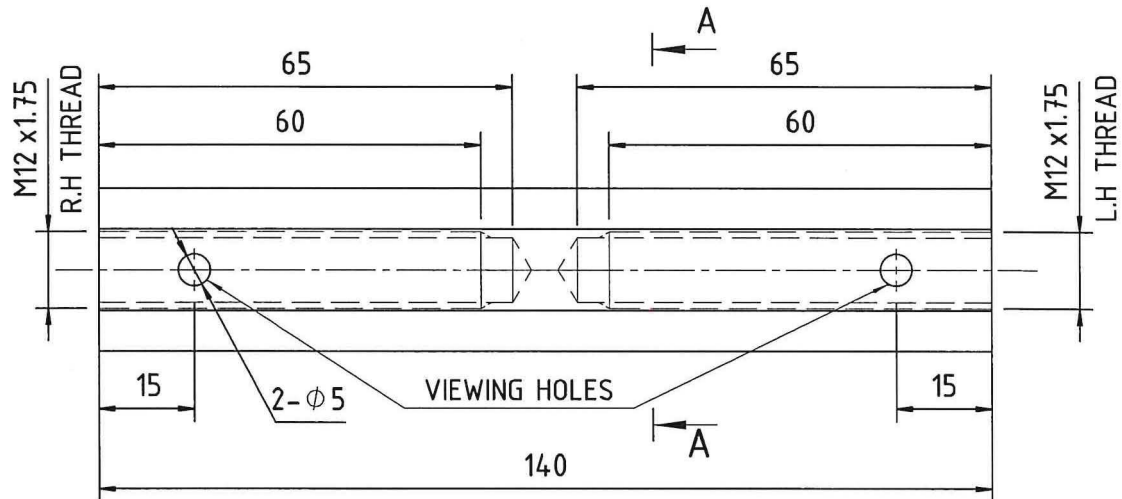


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|                   |       |      |     |     |     |     |     |     |     |      |     |     |       |        |
|-------------------|-------|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-------|--------|
| GRADE No.         | N1    | N2   | N3  | N4  | N5  | N6  | N7  | N8  | N9  | N10  | N11 | N12 | VALUE | SYMBOL |
|                   | 0.025 | 0.05 | 0.1 | 0.2 | 0.4 | 0.8 | 1.6 | 3.2 | 6.3 | 12.5 | 25  | 50  |       |        |
| SURFACE ROUGHNESS |       |      |     |     |     |     |     |     |     |      |     |     |       |        |

| MACHINING DEVIATIONS<br>FOR LINEAR DIMENSIONS  | RANGE     | 0 – 6 | 6 – 30 | 30 – 120 | 120 – 315 | 315-1000 | 1000-2000                                 | 2000-4000               | ABOVE 4000 | RA |
|--|-----------|-------|--------|----------|-----------|----------|---|-------------------------|------------|----|
|  | TOLERANCE | ±0.1  | ±0.2   | ±0.3     | ±0.5      | ±0.8     | ±1.2                                      | ±2                      | ±3         | ~  |
| FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227 |           |       |        |          |           |          |   |                         |            |    |
| UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)     |           |       |        |          |           |          | QUALITY OF WELD JOINTS REF. RD 230 MEDIUM |                         |            |    |
| VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.                        |           |       |        |          |           |          | STATUS:                                   | MOCKUP/PROTO/PRODUCTION |            |    |
| WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96  |           |       |        |          |           |          |   |                         |            |    |






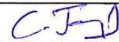
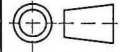





SECTION A-A

UN CONTROLLED COPY

NOTE:

1. SCREW MACHINING SHALL BE DONE ACCORDING TO ISO 261 NORMAL GRADE OR ABOVE.

|   |                |                  |      |    |             |                |  |       |   |   |   |
|---|----------------|------------------|------|----|-------------|----------------|--|-------|---|---|---|
|   |                |                  |      |    |             |                | HEX.ROD Ø22<br>A/FX140 L   |       |   |   |   |
| SL.No.  | QTY            | PART / STOCK No. |      |    | DESCRIPTION |                |  |       | SIZE (mm)   | COMPANY STD./I.S  | Wt. (Kg)  |
|   |                |                  |      |    |             |                |  |       |   |   | MATERIAL  |
|  |                |                  |      |    |             | PRODUCT        | BMRCL METRO CARS   |       |   |   |   |
|   |                |                  |      |    |             | REF DRG        |  |       |   |   |   |
|  |                |                  |      |    |             | MATERIAL       | AISI 304   |       |   |   |   |
|   |                |                  |      |    |             | HEAT TREAT.    |  | APPD  | MS  |  | 21.08.19  |
|   |                |                  |      |    |             | SURFACE TREAT. |  | REVD  | DB  |  | 19.08.19  |
|  |                |                  |      |    |             | TITLE          | TURN BUCKLE  | CHKD  | DB  |   | 17.08.19  |
|   |                |                  |      |    |             |                |  | DRWN  | JC  |  |   |
|   |                |                  |      |    |             |                |  | SCALE |  | SHEET   | Wt.(kg)   |
|  |                |                  |      |    |             |                |  | 1:1   |   | 1 OF 1  | 0.40  |
| ALT.NO.   | ECN NO/CHANGES |                  | DATE | BY | CHKD        | APPD           |  BEML LIMITED |       | DRG No.   |   | ALT   |
|   |                |                  |      |    |             |                |  |       | 926-84118   |   |  |
|   |                |                  |      |    |             |                | NEW FRONTIERS. NEW DREAMS  |       |   |   |   |