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| 1  | 2  | 3   | 4   | 5  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
|--|--|---|---|--|---|------------|--|-------------------|---|--|---|-------------------------|---|---------|---------|----------------|------|---------------|-------------------------|-------|----------|-----------|------------|-------|-----------------------|-------|-------------|----------------|-----------|-------|-------|-------|-------|----------------|---------|-------|---------|---------------|----|----------------|---|-------|-------|-------|-------|----------------|----|-------|-------|-------|-------|----------------|----|-------|---|-------|---|------------------|----|-------------|-------------|-------------|-------------|--------------|----|----|----|----|----|--------------------|----|----|----|----|----|----------------------|---|-------|-------|-------|-------|----|----|---|-------|---|-------|----|----|-------|---|-------|---|------------------|---|-------|-------|------|------|---------|---|-------|-------|------|------|---------|---|-------|-------|------|------|--|--------|------------|--|--|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Drawing No</td> <td colspan="3">KE-BASE-2211-00087-B18.2.1-A307-B-1.1/2x3.3/4</td> </tr> <tr> <td colspan="2">Dimension as per</td> <td>ASME B18.2.1 (Table -6)</td> <td colspan="2">Chemical &amp; Mechanical properties as per A 307</td> </tr> <tr> <td>Grade</td> <td>B</td> <td>Size</td> <td>1.1/2"x3.3/4"</td> <td>Status- <b>Approved</b></td> </tr> <tr> <td>Title</td> <td>Hex Bolt</td> <td>Dated</td> <td>11.05.2018</td> <td rowspan="2">Proj. </td> </tr> <tr> <td>Thread per inch (TPI)</td> <td>8 UNC</td> <td>Mass/Weight</td> <td>1.290 kg/piece</td> </tr> <tr> <td colspan="5" style="text-align: center;">Amendment</td> </tr> <tr> <td>Revision No.</td> <td>Details</td> <td>Dated</td> <td>Remarks</td> <td>Authorised by</td> </tr> </table>  |  |   |   |  | Drawing No                                  |            | KE-BASE-2211-00087-B18.2.1-A307-B-1.1/2x3.3/4  |                   |   | Dimension as per                                   |   | ASME B18.2.1 (Table -6) | Chemical & Mechanical properties as per A 307 |         | Grade   | B              | Size | 1.1/2"x3.3/4" | Status- <b>Approved</b> | Title | Hex Bolt | Dated     | 11.05.2018 | Proj. | Thread per inch (TPI) | 8 UNC | Mass/Weight | 1.290 kg/piece | Amendment |       |       |       |       | Revision No.   | Details | Dated | Remarks | Authorised by |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Drawing No   |  | KE-BASE-2211-00087-B18.2.1-A307-B-1.1/2x3.3/4 |   |  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Dimension as per   |  | ASME B18.2.1 (Table -6)                       | Chemical & Mechanical properties as per A 307     |  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Grade  | B  | Size  | 1.1/2"x3.3/4"                                     | Status- <b>Approved</b>                            |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Title  | Hex Bolt   | Dated   | 11.05.2018  | Proj.  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Thread per inch (TPI)  | 8 UNC  | Mass/Weight                                   | 1.290 kg/piece                                    |  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Amendment  |  |   |   |  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Revision No.   | Details  | Dated   | Remarks   | Authorised by                                      |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| <h3 style="margin: 0;">Hex Bolt ASME B18.2.1 M-1.1/2"x3.3/4"</h3> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> <div style="text-align: center;"> <p style="font-size: small;">'X' Enlarge View</p> </div> </div> <p style="font-size: small; margin-top: 10px;"> <b>Note:</b><br/>             a. <math>\beta = 15^\circ</math> to <math>30^\circ</math><br/>             b. Incomplete thread <math>\mu \leq 2P</math>.<br/>             c. Reference datum for <math>d_w</math>.<br/>             d. Maximum underhead fillet.         </p>  |  |   |   |  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Parameters</th> <th rowspan="2">Symbol</th> <th colspan="2">Dimension in Inch</th> <th colspan="2">Dimension in mm</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>Head thickness</td> <td>H</td> <td>0.902</td> <td>0.974</td> <td>22.91</td> <td>24.74</td> </tr> <tr> <td>Width A/F</td> <td>F</td> <td>2.175</td> <td>2.250</td> <td>55.25</td> <td>57.15</td> </tr> <tr> <td>Width A/C</td> <td>G</td> <td>2.480</td> <td>2.598</td> <td>62.99</td> <td>65.99</td> </tr> <tr> <td>Shank diameter</td> <td>E</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Major diameter</td> <td>D</td> <td>1.483</td> <td>1.498</td> <td>37.66</td> <td>38.04</td> </tr> <tr> <td>Pitch diameter</td> <td>D1</td> <td>1.409</td> <td>1.417</td> <td>35.80</td> <td>35.98</td> </tr> <tr> <td>Minor diameter</td> <td>D2</td> <td>1.344</td> <td>-</td> <td>34.15</td> <td>-</td> </tr> <tr> <td>Threading length</td> <td>Lt</td> <td>Full thread</td> <td>Full thread</td> <td>Full thread</td> <td>Full thread</td> </tr> <tr> <td>Shank length</td> <td>Lb</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Total Shank length</td> <td>Lg</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Total length of bolt</td> <td>L</td> <td>3.681</td> <td>3.818</td> <td>93.50</td> <td>97.00</td> </tr> <tr> <td>da</td> <td>da</td> <td>-</td> <td>1.690</td> <td>-</td> <td>42.93</td> </tr> <tr> <td>dw</td> <td>dw</td> <td>2.025</td> <td>-</td> <td>51.44</td> <td>-</td> </tr> <tr> <td>Radius of fillet</td> <td>r</td> <td>0.060</td> <td>0.095</td> <td>1.52</td> <td>2.41</td> </tr> <tr> <td>Chamfer</td> <td>c</td> <td>0.015</td> <td>0.035</td> <td>0.38</td> <td>0.89</td> </tr> <tr> <td>Chamfer</td> <td>b</td> <td>0.000</td> <td>0.315</td> <td>0.00</td> <td>8.00</td> </tr> <tr> <td>Maximum Total Runout of Bearing Surface FIM (Specified proof load)</td> <td><math>\Psi</math></td> <td colspan="4" style="text-align: center;">0.039 max.</td> </tr> </tbody> </table> |  |   |   |  |   | Parameters | Symbol   | Dimension in Inch |   | Dimension in mm                                    |   | Minimum                 | Maximum                                       | Minimum | Maximum | Head thickness | H    | 0.902         | 0.974                   | 22.91 | 24.74    | Width A/F | F          | 2.175 | 2.250                 | 55.25 | 57.15       | Width A/C      | G         | 2.480 | 2.598 | 62.99 | 65.99 | Shank diameter | E       | NA    | NA      | NA            | NA | Major diameter | D | 1.483 | 1.498 | 37.66 | 38.04 | Pitch diameter | D1 | 1.409 | 1.417 | 35.80 | 35.98 | Minor diameter | D2 | 1.344 | - | 34.15 | - | Threading length | Lt | Full thread | Full thread | Full thread | Full thread | Shank length | Lb | NA | NA | NA | NA | Total Shank length | Lg | NA | NA | NA | NA | Total length of bolt | L | 3.681 | 3.818 | 93.50 | 97.00 | da | da | - | 1.690 | - | 42.93 | dw | dw | 2.025 | - | 51.44 | - | Radius of fillet | r | 0.060 | 0.095 | 1.52 | 2.41 | Chamfer | c | 0.015 | 0.035 | 0.38 | 0.89 | Chamfer | b | 0.000 | 0.315 | 0.00 | 8.00 | Maximum Total Runout of Bearing Surface FIM (Specified proof load) | $\Psi$ | 0.039 max. |  |  |  |
| Parameters   | Symbol   | Dimension in Inch                             |   | Dimension in mm                                    |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
|  |  | Minimum                                       | Maximum   | Minimum  | Maximum                                     |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Head thickness   | H  | 0.902   | 0.974   | 22.91  | 24.74                                       |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Width A/F  | F  | 2.175   | 2.250   | 55.25  | 57.15                                       |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Width A/C  | G  | 2.480   | 2.598   | 62.99  | 65.99                                       |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Shank diameter   | E  | NA  | NA  | NA   | NA  |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Major diameter   | D  | 1.483   | 1.498   | 37.66  | 38.04                                       |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Pitch diameter   | D1   | 1.409   | 1.417   | 35.80  | 35.98                                       |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Minor diameter   | D2   | 1.344   | -   | 34.15  | -   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Threading length   | Lt   | Full thread                                   | Full thread                                       | Full thread  | Full thread                                 |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Shank length   | Lb   | NA  | NA  | NA   | NA  |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Total Shank length   | Lg   | NA  | NA  | NA   | NA  |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Total length of bolt   | L  | 3.681   | 3.818   | 93.50  | 97.00                                       |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| da   | da   | -   | 1.690   | -  | 42.93                                       |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| dw   | dw   | 2.025   | -   | 51.44  | -   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Radius of fillet   | r  | 0.060   | 0.095   | 1.52   | 2.41  |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Chamfer  | c  | 0.015   | 0.035   | 0.38   | 0.89  |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Chamfer  | b  | 0.000   | 0.315   | 0.00   | 8.00  |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| Maximum Total Runout of Bearing Surface FIM (Specified proof load)   | $\Psi$   | 0.039 max.                                    |   |  |   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="text-align: center;"> </td> <td colspan="2" style="text-align: center;"> <b>Kapil Enterprises</b><br/>                     330 EHTP, HSIIDC, Kundli Industrial Estate<br/>                     Sonepat - Haryana-131028, Ph:9811009061<br/>                     Email:sales@bigboltnut.com, kapil@roll-fast.com                 </td> <td style="text-align: center;"> <br/>                     Drawn By<br/>                     Pankaj Kumar<br/>                     (Ass. QC Manager)                 </td> <td style="text-align: center;"> <br/>                     Checked By<br/>                     Santosh Kumar<br/>                     (Plant Head-GM)                 </td> <td style="text-align: center;"> <br/>                     Approved By<br/>                     Kapil Aggarwal<br/>                     CEO-MD                 </td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> </tr> </table>  |  |   |   |  |   |            | <b>Kapil Enterprises</b><br>330 EHTP, HSIIDC, Kundli Industrial Estate<br>Sonepat - Haryana-131028, Ph:9811009061<br>Email:sales@bigboltnut.com, kapil@roll-fast.com |                   | <br>Drawn By<br>Pankaj Kumar<br>(Ass. QC Manager) | <br>Checked By<br>Santosh Kumar<br>(Plant Head-GM) | <br>Approved By<br>Kapil Aggarwal<br>CEO-MD | 1                       | 2   | 3       | 4       | 5              |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
|  | <b>Kapil Enterprises</b><br>330 EHTP, HSIIDC, Kundli Industrial Estate<br>Sonepat - Haryana-131028, Ph:9811009061<br>Email:sales@bigboltnut.com, kapil@roll-fast.com |   | <br>Drawn By<br>Pankaj Kumar<br>(Ass. QC Manager) | <br>Checked By<br>Santosh Kumar<br>(Plant Head-GM) | <br>Approved By<br>Kapil Aggarwal<br>CEO-MD |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |
|  | 1  | 2   | 3   | 4  | 5   |            |  |                   |   |  |   |                         |   |         |         |                |      |               |                         |       |          |           |            |       |                       |       |             |                |           |       |       |       |       |                |         |       |         |               |    |                |   |       |       |       |       |                |    |       |       |       |       |                |    |       |   |       |   |                  |    |             |             |             |             |              |    |    |    |    |    |                    |    |    |    |    |    |                      |   |       |       |       |       |    |    |   |       |   |       |    |    |       |   |       |   |                  |   |       |       |      |      |         |   |       |       |      |      |         |   |       |       |      |      |  |        |            |  |  |  |