

ASTM A193 B7 HEAVY HEX BOLT 1-1/8 × 3 in

ASTM A193 B7 六角螺栓 1-1/8 × 3 in

| PRODUCT DATA / 产品数据                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              | DIMENSIONAL DRAWING / 尺寸图                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
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| <div><div>Drawing No. / RevisionLOKRON standard / A</div><div>图号 / 版本</div></div> <div><div>Model / Part No.</div><div>ASTM A193 B7 HEAVY HEX BO</div><div>型号 / 零件号</div><div>LT 1-1/8 × 3 in</div></div> <div><div>Standard</div><div>ASTM A193 / ASME B18.2.1</div><div>标准</div></div> <div><div>Material</div><div>Cr-Mo alloy steel</div><div>材料</div></div> <div><div>Grade</div><div>B7</div><div>等级</div></div> <div><div>Finish / Coating</div><div>Plain / 原色</div><div>表面处理 / 涂层</div></div> <div><div>Thread designation</div><div>UNC · 7 TPI</div><div>螺纹规格</div></div> |                                              | <div></div> <div>SCHEMATIC — NOT TO SCALE · ALL DIMENSIONS IN mm / 示意图—非按比例 · 尺寸单位: mm</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| TECHNICAL NOTES / 技术说明                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              | <table><tr><th colspan="2">REF.PARAMETER / 参数</th><th>VALUE / 数值 (mm)</th></tr><tr><td>D</td><td>Nominal diameter<br/>公称直径</td><td>28.58 mm</td></tr><tr><td>L</td><td>Length<br/>长度</td><td>76.2 mm</td></tr><tr><td>B</td><td>Thread length<br/>螺纹长度</td><td>34.29 mm</td></tr><tr><td>K</td><td>Head height<br/>头部高度</td><td>21.43 mm</td></tr><tr><td>S</td><td>Across flats<br/>对边宽度</td><td>42.86 mm</td></tr><tr><td>P</td><td>Thread pitch (coarse / fine)<br/>螺距 (粗牙 / 细牙)</td><td>3.629 mm / —</td></tr><tr><td>TOL</td><td>Thread tolerance<br/>螺纹公差</td><td>2A / 2B UNC</td></tr></table> |  | REF.PARAMETER / 参数 |  | VALUE / 数值 (mm) | D | Nominal diameter<br>公称直径 | 28.58 mm | L | Length<br>长度 | 76.2 mm | B | Thread length<br>螺纹长度 | 34.29 mm | K | Head height<br>头部高度 | 21.43 mm | S | Across flats<br>对边宽度 | 42.86 mm | P | Thread pitch (coarse / fine)<br>螺距 (粗牙 / 细牙) | 3.629 mm / — | TOL | Thread tolerance<br>螺纹公差 | 2A / 2B UNC |
| REF.PARAMETER / 参数                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                              | VALUE / 数值 (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Nominal diameter<br>公称直径                     | 28.58 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Length<br>长度                                 | 76.2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Thread length<br>螺纹长度                        | 34.29 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Head height<br>头部高度                          | 21.43 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Across flats<br>对边宽度                         | 42.86 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Thread pitch (coarse / fine)<br>螺距 (粗牙 / 细牙) | 3.629 mm / —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| TOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Thread tolerance<br>螺纹公差                     | 2A / 2B UNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |
| <div>• Application / 应用: Pressure equipment, industrial bolting / 承压设备与工业紧固件</div> <div>• Compliance / 合规: ASTM A193 / ASME B18.2.1</div> <div>• Verify project tolerances before manufacture / 生产前请确认项目公差</div>                                                                                                                                                                                                                                                                                                                                                                     |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                    |  |                 |   |                          |          |   |              |         |   |                       |          |   |                     |          |   |                      |          |   |                                              |              |     |                          |             |