

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

ASTM A193 B7 六角螺栓 1-1/8 × 1 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 × 1 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> |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 | SCHEMATIC — NOT TO SCALE · ALL DIMENSIONS IN mm / 示意图—非按比例 · 尺寸单位: mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| TECHNICAL NOTES / 技术说明                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | <table><tr><th>REF.PARAMETER / 参数</th><th>VALUE / 数值 (mm)</th></tr><tr><td>D<br/>Nominal diameter<br/>公称直径</td><td>28.58 mm</td></tr><tr><td>L<br/>Length<br/>长度</td><td>25.4 mm</td></tr><tr><td>B<br/>Thread length<br/>螺纹长度</td><td>25 mm</td></tr><tr><td>K<br/>Head height<br/>头部高度</td><td>21.43 mm</td></tr><tr><td>S<br/>Across flats<br/>对边宽度</td><td>42.86 mm</td></tr><tr><td>P<br/>Thread pitch (coarse / fine)<br/>螺距 (粗牙 / 细牙)</td><td>3.629 mm / —</td></tr><tr><td>TOL<br/>Thread tolerance<br/>螺纹公差</td><td>2A / 2B UNC</td></tr></table> |  | REF.PARAMETER / 参数 | VALUE / 数值 (mm) | D<br>Nominal diameter<br>公称直径 | 28.58 mm | L<br>Length<br>长度 | 25.4 mm | B<br>Thread length<br>螺纹长度 | 25 mm | K<br>Head height<br>头部高度 | 21.43 mm | S<br>Across flats<br>对边宽度 | 42.86 mm | P<br>Thread pitch (coarse / fine)<br>螺距 (粗牙 / 细牙) | 3.629 mm / — | TOL<br>Thread tolerance<br>螺纹公差 | 2A / 2B UNC |
| REF.PARAMETER / 参数                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | VALUE / 数值 (mm) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| D<br>Nominal diameter<br>公称直径                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28.58 mm        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| L<br>Length<br>长度                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 25.4 mm         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| B<br>Thread length<br>螺纹长度                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25 mm           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| K<br>Head height<br>头部高度                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21.43 mm        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| S<br>Across flats<br>对边宽度                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42.86 mm        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| P<br>Thread pitch (coarse / fine)<br>螺距 (粗牙 / 细牙)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3.629 mm / —    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |
| TOL<br>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>                                                                                                                                                                                                                                                                                                                                                                     |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                 |                               |          |                   |         |                            |       |                          |          |                           |          |                                                   |              |                                 |             |