

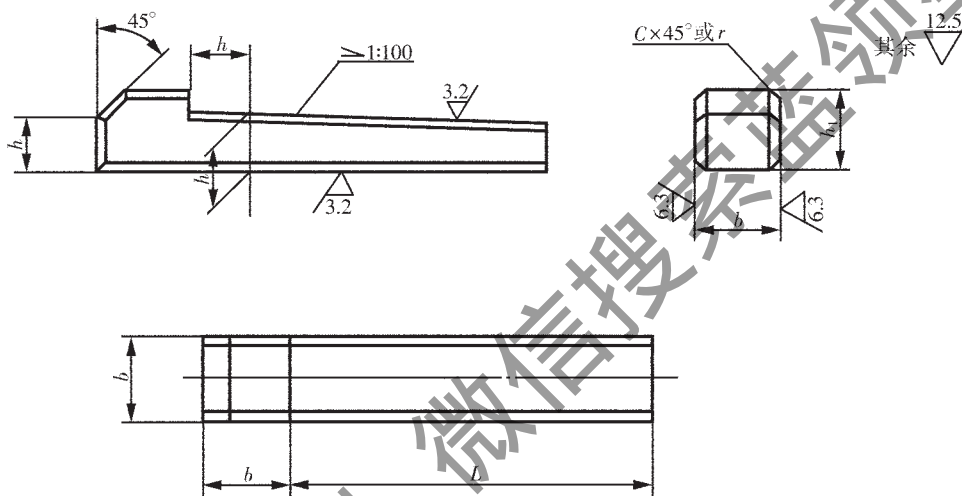
中国第一重型机械集团公司标准

钩头楔键 型式尺寸

GB 1565-79
代替 3-98-81

材料：45

1 钩头楔键的尺寸应符合本标准的规定。



标记示例：

钩头楔键 $b=16$ mm, $h=10$ mm, $L=100$ mm 的标记为：

键 16×100；备注栏注：GB 1565-79

mm

| b | 公称尺寸 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25 |
|----------------|------------|-----------------|-----------|------|-------------|-----------|-------------|-------|-------------|-------------|-----|-----|----|
| | 极限偏差 (h9) | 0 -0.030 | | | 0 -0.036 | | 0 -0.043 | | | 0 -0.052 | | | |
| h | 公称尺寸 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 14 | 14 |
| | 极限偏差 (h11) | 0 -0.075 | | | 0 -0.090 | | | | 0 -0.110 | | | | |
| h ₁ | | 7 | 8 | 10 | 11 | 12 | 12 | 14 | 16 | 18 | 20 | 22 | 22 |
| C 或 r | | 0.16 -0.25 | 0.25~0.40 | | | 0.40~0.60 | | | | 0.60~0.80 | | | |
| L | | 每 1000 件的重量 kg≈ | | | | | | | | | | | |
| 公称尺寸 | 极限偏差 (h14) | | | | | | | | | | | | |
| 14 | 0 -0.43 | 2.47 | 4.1 | 6.4 | - | - | - | - | - | - | - | - | - |
| 16 | | 2.71 | 4.5 | 7.0 | - | - | - | - | - | - | - | - | - |
| 18 | | 2.95 | 4.9 | 7.5 | 12.6 | - | - | - | - | - | - | - | - |
| 20 | 0 -0.52 | 3.18 | 5.2 | 8.1 | 13.7 | - | - | - | - | - | - | - | - |
| 22 | | 3.42 | 5.6 | 8.6 | 14.5 | 22.4 | - | - | - | - | - | - | - |
| 25 | | 3.78 | 6.2 | 9.4 | 15.8 | 24.3 | - | - | - | - | - | - | - |
| 28 | | 4.13 | 6.8 | 10.2 | 17.1 | 26.4 | 33.5 | - | - | - | - | - | - |
| 32 | 0 -0.62 | 4.60 | 7.5 | 11.3 | 18.7 | 28.3 | 36.2 | - | - | - | - | - | - |
| 36 | | 5.06 | 8.2 | 12.4 | 20.4 | 30.9 | 39.3 | 55.1 | - | - | - | - | - |
| 40 | | 5.7 | 8.9 | 13.3 | 22.1 | 33.3 | 42.1 | 58.9 | - | - | - | - | - |
| 45 | | 6.1 | 9.8 | 14.7 | 24.2 | 36.3 | 45.7 | 63.6 | 85.2 | - | - | - | - |
| 50 | | - | 11.1 | 16 | 26.2 | 39.2 | 49.3 | 68.3 | 91.2 | 122 | - | - | - |
| 56 | | 11.8 | 17.6 | 28.6 | 42.8 | 53.4 | 73.9 | 98.2 | 127 | 161 | - | - | - |
| 63 | 0 -0.74 | - | 19.4 | 31.5 | 46.6 | 58.4 | 80.5 | 106.4 | 138 | 173 | 226 | - | |
| 70 | | - | 21.3 | 33.3 | 50.9 | 63.3 | 86.7 | 114.9 | 148 | 186 | 243 | 288 | |
| 80 | | - | - | 38.2 | 56.5 | 70.1 | 95.8 | 126 | 161 | 204 | 265 | 315 | |
| 90 | | - | - | 42 | 62.1 | 76.8 | 104.8 | 138 | 176 | 222 | 289 | 345 | |
| 100 | 0 -0.87 | - | - | - | 67.6 | 83.6 | 113.6 | 150 | 190 | 238 | 311 | 366 | |
| 110 | | - | - | - | 73.1 | 90 | 122.2 | 160 | 204 | 256 | 334 | 390 | |
| 125 | | - | - | - | - | 99.6 | 135.2 | 178 | 225 | 282 | 367 | 407 | |
| 140 | 0 -1.0 | - | - | - | - | 109.8 | 147.2 | 194 | 246 | 307 | 399 | 470 | |
| 160 | | - | - | - | - | - | 165.2 | 215 | 273 | 339 | 442 | 512 | |
| 180 | | - | - | - | - | - | - | 236 | 299 | 372 | 485 | 562 | |
| 200 | | - | - | - | - | - | - | - | 324 | 404 | 527 | 609 | |
| 220 | 0 -1.15 | - | - | - | - | - | - | - | - | 434 | 568 | 654 | |
| 250 | | - | - | - | - | - | - | - | - | - | 627 | 712 | |
| 280 | 0 -1.30 | - | - | - | - | - | - | - | - | - | - | 791 | |

续表

mm

| b | 公称尺寸 | 28 | 32 | 36 | 40 | 45 | 50 | 56 | 63 | 70 | 80 | 90 | 100 |
|----------------|------------|-----------------|-------------|-------------|------|------|-------------|-------------|------|-------|-------------|-------|-------|
| | 极限偏差 (h9) | 0 -0.052 | 0 -0.062 | | | | 0 -0.074 | | | | 0 -0.087 | | |
| h | 公称尺寸 | 16 | 18 | 20 | 22 | 25 | 28 | 32 | 32 | 36 | 40 | 45 | 50 |
| | 极限偏差 (h11) | 0 -0.110 | | 0 -0.130 | | | | 0 -0.160 | | | | | |
| h ₁ | | 25 | 28 | 32 | 36 | 40 | 45 | 50 | 50 | 56 | 63 | 70 | 80 |
| C 或 r | | 0.60 ~0.80 | | 1.0~1.2 | | | | 1.6~2.0 | | | 2.5~3.0 | | |
| L | | 每 1000 件的重量 kg≈ | | | | | | | | | | | |
| 公称尺寸 | 极限偏差 (h14) | | | | | | | | | | | | |
| 80 | 0 -0.74 | 419 | - | - | - | - | - | - | - | - | - | - | - |
| 90 | 0 -0.87 | 453 | 609 | - | - | - | - | - | - | - | - | - | - |
| 100 | | 486 | 651 | 856 | 1096 | - | - | - | - | - | - | - | - |
| 110 | | 519 | 694 | 910 | 1162 | 1543 | - | - | - | - | - | - | - |
| 125 | 0 -1.0 | 568 | 758 | 989 | 1261 | 1670 | 2173 | - | - | - | - | - | - |
| 140 | | 615 | 820 | 1068 | 1357 | 1801 | 2329 | 3067 | - | - | - | - | - |
| 160 | | 690 | 903 | 1173 | 1486 | 1961 | 2535 | 3339 | 3930 | - | - | - | - |
| 180 | | 740 | 985 | 1279 | 1610 | 2129 | 2742 | 3604 | 4227 | 5515 | - | - | - |
| 200 | 0 -1.15 | 804 | 1066 | 1379 | 1738 | 2295 | 2947 | 3863 | 4523 | 5898 | 7894 | - | - |
| 220 | | 866 | 1146 | 1477 | 1865 | 2451 | 3151 | 4128 | 4817 | 6263 | 8368 | 11049 | - |
| 250 | | 956 | 1264 | 1627 | 2053 | 2696 | 3457 | 4520 | 5257 | 6815 | 9083 | 11957 | 15491 |
| 280 | 0 -1.30 | 1044 | 1380 | 1774 | 2228 | 2928 | 3752 | 4901 | 5687 | 7363 | 9783 | 12853 | 16569 |
| 320 | 0 -1.40 | 1159 | 1521 | 1968 | 2457 | 3224 | 4120 | 5404 | 6257 | 8044 | 10666 | 13979 | 18006 |
| 360 | | - | 1667 | 2144 | 2689 | 3527 | 4504 | 5907 | 6819 | 8766 | 11580 | 15147 | 19460 |
| 400 | | - | - | 2326 | 2930 | 3844 | 4912 | 6400 | 7373 | 9515 | 12549 | 16385 | 20998 |
| 450 | 0 -1.55 | - | - | - | - | - | 5378 | 7016 | 8066 | 10390 | 13663 | 17815 | 22796 |
| 500 | | - | - | - | - | - | 5835 | 7601 | 8725 | 11247 | 14774 | 19257 | 24570 |

注：① 极限偏差 h9、h11 只适用于键的截面尺寸。

② 在钩头楔键的图样中，应给出调整和配研余量。

③ 黑线范围内允许选用。

④ 键槽的尺寸应符合 GB/T 1563-79《楔键 键和键槽的剖面尺寸》的规定。

⑤ 钩头楔键的技术条件应符合 GB 1568-1997《键 技术条件》的规定。

⑥ 当键长大于 500 mm 时其长度按 GB 321-80《优先数和优先数系》R20 系列选取。