

| mm | | | | | | | | | | | | | | |
|---------------------|---------------|--------------------------|--------------------------|-------------|--------------------------|------|-------------|-----------|-------------|------|------|------|-------------|-----|
| <i>b</i> | 公称尺寸 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| | 极限偏差 (h9) | 0 -0.025 | | 0 -0.030 | | | 0 -0.036 | | 0 -0.043 | | | | 0 -0.052 | |
| <i>h</i> | 公称尺寸 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 14 |
| | 极限偏差 (h11) | 0 -0.06 | 0 [*] -0.025 | 0 -0.075 | 0 [*] -0.030 | | 0 -0.090 | | | | | | 0 -0.110 | |
| <i>C</i> 或 <i>r</i> | | 0.16~0.25 | | | 0.25~0.40 | | | 0.40~0.60 | | | | | 0.60~0.80 | |
| <i>L</i> | | 平头普通平键(B型)1 000 件的重量 kg≈ | | | | | | | | | | | | |
| 公称尺寸 | 极限偏差 (h14) | | | | | | | | | | | | | |
| 6 | 0 -0.36 | 0.188 | 0.424 | — | — | — | — | — | — | — | — | — | — | — |
| 8 | | 0.251 | 0.565 | 1.01 | — | — | — | — | — | — | — | — | — | — |
| 10 | | 0.314 | 0.707 | 1.26 | 1.96 | — | — | — | — | — | — | — | — | — |
| 12 | 0 -0.43 | 0.377 | 0.848 | 1.51 | 2.36 | — | — | — | — | — | — | — | — | — |
| 14 | | 0.440 | 0.989 | 1.76 | 2.75 | 3.96 | — | — | — | — | — | — | — | — |
| 16 | | 0.502 | 1.13 | 2.01 | 3.14 | 4.52 | — | — | — | — | — | — | — | — |
| 18 | | 0.565 | 1.27 | 2.26 | 3.53 | 5.09 | 7.91 | — | — | — | — | — | — | — |
| 20 | 0 -0.52 | 0.628 | 1.41 | 2.51 | 3.93 | 5.65 | 8.80 | — | — | — | — | — | — | — |
| 22 | | — | 1.55 | 2.76 | 4.32 | 6.22 | 9.67 | 13.8 | — | — | — | — | — | — |
| 25 | | — | 1.77 | 3.14 | 4.91 | 7.07 | 11.0 | 15.7 | — | — | — | — | — | — |
| 28 | | — | 1.98 | 3.52 | 5.50 | 7.91 | 12.3 | 17.6 | 21.1 | — | — | — | — | — |
| 32 | 0 -0.62 | — | 2.26 | 4.02 | 6.28 | 9.04 | 14.1 | 20.1 | 24.1 | — | — | — | — | — |
| 36 | | — | 2.54 | 4.52 | 7.07 | 10.2 | 15.8 | 22.6 | 27.1 | 35.6 | — | — | — | — |
| 40 | | — | — | 5.02 | 7.85 | 11.3 | 17.6 | 25.1 | 30.1 | 39.6 | — | — | — | — |
| 45 | | — | — | 5.65 | 8.83 | 12.7 | 19.8 | 28.3 | 33.9 | 44.5 | 56.5 | — | — | — |
| 50 | | — | — | — | 9.81 | 14.1 | 22.0 | 31.4 | 37.7 | 49.5 | 62.8 | 77.7 | — | — |
| 56 | 0 -0.74 | — | — | — | 11.0 | 15.8 | 24.6 | 35.2 | 42.2 | 55.4 | 70.3 | 87 | 106 | — |
| 63 | | — | — | — | — | 17.8 | 27.7 | 39.6 | 47.5 | 62.3 | 79.1 | 97.9 | 119 | 152 |
| 70 | | — | — | — | — | 19.8 | 30.8 | 44.0 | 52.8 | 69.2 | 87.9 | 109 | 132 | 169 |
| 80 | | — | — | — | — | — | 35.2 | 50.2 | 60.3 | 79.1 | 101 | 124 | 151 | 193 |
| 90 | 0 -0.87 | — | — | — | — | — | 39.6 | 56.5 | 67.8 | 89.0 | 113 | 140 | 170 | 218 |
| 100 | | — | — | — | — | — | — | 62.8 | 75.4 | 98.9 | 126 | 155 | 188 | 242 |
| 110 | | — | — | — | — | — | — | 69.1 | 82.9 | 109 | 138 | 171 | 207 | 266 |
| 125 | 0 -1.0 | — | — | — | — | — | — | — | 94.2 | 124 | 157 | 194 | 236 | 302 |
| 140 | | — | — | — | — | — | — | — | 106 | 138 | 176 | 218 | 264 | 338 |
| 160 | | — | — | — | — | — | — | — | — | 159 | 201 | 249 | 301 | 387 |
| 180 | | — | — | — | — | — | — | — | — | — | 226 | 280 | 339 | 435 |
| 200 | 0 -1.15 | — | — | — | — | — | — | — | — | — | — | 311 | 377 | 484 |
| 220 | | — | — | — | — | — | — | — | — | — | — | — | 414 | 532 |
| 250 | | — | — | — | — | — | — | — | — | — | — | — | — | 604 |
| 对 A 型应减去的重量 kg≈ | | 0.013 | 0.045 | 0.11 | 0.21 | 0.36 | 0.76 | 1.4 | 2.0 | 3.0 | 4.3 | 6.0 | 8.0 | 11 |
| 对 C 型应减去的重量 kg≈ | | 0.007 | 0.023 | 0.055 | 0.105 | 0.18 | 0.38 | 0.7 | 1.0 | 1.5 | 2.15 | 3.0 | 4.0 | 5.5 |

续表

mm

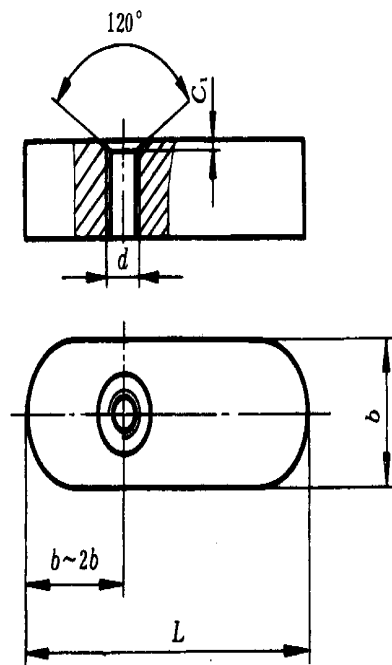
| b | 公称尺寸 | 25 | 28 | 32 | 36 | 40 | 45 | 50 | 56 | 63 | 70 | 80 | 90 | 100 |
|--------------------|---------------|--------------------------|-------|-------------|-------------|-------|-------|-------|-------------|-------|-------|---------|-------------|--------|
| | 极限偏差 (h9) | 0 -0.052 | | 0 -0.062 | | | | | 0 -0.074 | | | | 0 -0.087 | |
| h | 公称尺寸 | 14 | 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 | | | | | |
| C 或 r | | 0.60~0.80 | | | 1.0~1.2 | | | | 1.6~2.0 | | | 2.5~3.0 | | |
| L | | 平头普通平键(B型)1 000 件的重量 kg≈ | | | | | | | | | | | | |
| 公称尺寸 | 极限偏差 (h14) | | | | | | | | | | | | | |
| 70 | 0 | 192 | — | — | — | — | — | — | — | — | — | — | — | — |
| 80 | -0.74 | 220 | 281 | — | — | — | — | — | — | — | — | — | — | — |
| 90 | 0 -0.87 | 247 | 317 | 407 | — | — | — | — | — | — | — | — | — | — |
| 100 | | 275 | 352 | 452 | 565 | 691 | — | — | — | — | — | — | — | — |
| 110 | | 302 | 387 | 497 | 622 | 760 | 971 | — | — | — | — | — | — | — |
| 125 | 0 -1.0 | 343 | 440 | 565 | 707 | 864 | 1 104 | 1 375 | — | — | — | — | — | — |
| 140 | | 385 | 492 | 633 | 791 | 967 | 1 236 | 1 540 | 1 970 | — | — | — | — | — |
| 160 | | 440 | 563 | 723 | 904 | 1 105 | 1 413 | 1 760 | 2 250 | 2 532 | — | — | — | — |
| 180 | | 495 | 633 | 814 | 1 017 | 1 243 | 1 590 | 1 980 | 2 532 | 2 850 | 3 560 | — | — | — |
| 200 | 0 -1.15 | 550 | 703 | 904 | 1 130 | 1 381 | 1 766 | 2 200 | 2 813 | 3 165 | 3 956 | 5 024 | — | — |
| 220 | | 604 | 774 | 995 | 1 243 | 1 520 | 1 943 | 2 420 | 3 095 | 3 485 | 4 352 | 5 526 | 6 994 | — |
| 250 | | 686 | 879 | 1 130 | 1 413 | 1 727 | 2 208 | 2 750 | 3 517 | 3 956 | 4 946 | 6 280 | 7 948 | 9 813 |
| 280 | 0 -1.30 | 769 | 985 | 1 266 | 1 583 | 1 934 | 2 473 | 3 080 | 3 940 | 4 431 | 5 539 | 7 033 | 8 902 | 10 990 |
| 320 | 0 -1.40 | — | 1 125 | 1 447 | 1 809 | 2 211 | 2 826 | 3 517 | 4 502 | 5 064 | 6 330 | 8 033 | 10 174 | 12 560 |
| 360 | | — | — | 1 628 | 2 035 | 2 487 | 3 179 | 3 956 | 5 064 | 5 697 | 7 121 | 9 043 | 11 445 | 14 130 |
| 400 | | — | — | — | 2 261 | 2 763 | 3 533 | 4 400 | 5 627 | 6 330 | 7 913 | 10 048 | 12 717 | 15 700 |
| 450 | 0 -1.55 | — | — | — | — | — | 3 974 | 4 945 | 6 330 | 7 122 | 8 902 | 11 304 | 14 307 | 17 663 |
| 500 | | — | — | — | — | — | — | 5 495 | 7 033 | 7 913 | 9 891 | 12 560 | 15 896 | 19 625 |
| 对 A 型应减去的重量 kg≈ | | 15 | 21 | 31 | 44 | 59 | 85 | 118 | 169 | 214 | 297 | 431 | 614 | 842 |
| 对 C 型应减去的重量 kg≈ | | 7.5 | 10.5 | 15.5 | 22 | 29.5 | 42.5 | 59 | 84.5 | 107 | 148.5 | 215.5 | 307 | 421 |

* 括号内的数值为 h9,适用于 B 型键。

- 键槽的尺寸应符合 GB 1095—79《平键 键和键槽的剖面尺寸》的规定。
- 普通平键的技术条件应符合 GB 1568—79《键 技术条件》的规定。
- 当键长大于 500 mm 时,其长度应按 GB 321—80《优先数和优先数系》的 R20 系列选取。

附 录

当需要时,键允许带起键螺孔,起键螺孔的尺寸推荐如下:



mm

| | | | | | | | | | | | | | | | | | | | | | |
|-------|-----|----|-----|----|----|----|----|----|-----|-----|----|----|----|----|----|-----|----|-----|----|----|-----|
| b | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 28 | 32 | 36 | 40 | 45 | 50 | 56 | 63 | 70 | 80 | 90 | 100 |
| d | M3 | M4 | M5 | M6 | | | M8 | | M10 | M12 | | | | | | M16 | | M20 | | | |
| C_1 | 0.3 | | 0.5 | | | | | | | | | 1 | | | | | | 2 | | | |

较长的键可以采用二个对称的起键螺孔。