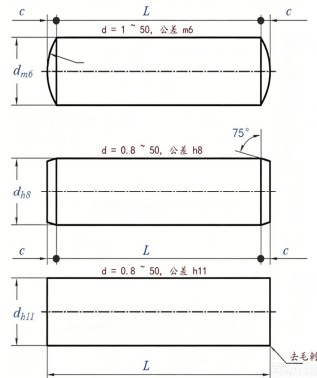


# DIN 7 - 1981

## 圆柱销

## Parallel pins



| $d$                                     | nominal diameter |        | $\phi 0.8$                                                                                                                                                                                                         | $\phi 1$  | $\phi 1.2$ | $\phi 1.5$ | $\phi 2$  | $\phi 2.5$ | $\phi 3$  | $\phi 4$  | $\phi 5$  | $\phi 6$  |
|-----------------------------------------|------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|
|                                         | m6               | Max    | —                                                                                                                                                                                                                  | 1.008     | 1.208      | 1.508      | 2.008     | 2.508      | 3.008     | 4.012     | 5.012     | 6.012     |
|                                         |                  | min    | —                                                                                                                                                                                                                  | 1.002     | 1.202      | 1.502      | 2.002     | 2.502      | 3.002     | 4.004     | 5.004     | 6.004     |
|                                         | h8               | Max    | 0.8                                                                                                                                                                                                                | 1         | 1.2        | 1.5        | 2         | 2.5        | 3         | 4         | 5         | 6         |
|                                         |                  | min    | 0.786                                                                                                                                                                                                              | 0.986     | 1.186      | 1.486      | 1.986     | 2.486      | 2.986     | 3.982     | 4.982     | 5.982     |
|                                         | h11              | Max    | 0.8                                                                                                                                                                                                                | 1         | 1.2        | 1.5        | 2         | 2.5        | 3         | 4         | 5         | 6         |
|                                         |                  | min    | 0.74                                                                                                                                                                                                               | 0.94      | 1.14       | 1.44       | 1.94      | 2.44       | 2.94      | 3.925     | 4.925     | 5.925     |
| $C$                                     | Max              |        | 0.12                                                                                                                                                                                                               | 0.15      | 0.18       | 0.23       | 0.3       | 0.4        | 0.45      | 0.6       | 0.75      | 0.9       |
| $r$                                     | $\approx$        |        | 0.8                                                                                                                                                                                                                | 1         | 1.2        | 1.6        | 2         | 2.5        | 3         | 4         | 5         | 6         |
| $d$                                     | nominal diameter |        | $\phi 8$                                                                                                                                                                                                           | $\phi 10$ | $\phi 12$  | $\phi 14$  | $\phi 16$ | $\phi 20$  | $\phi 25$ | $\phi 30$ | $\phi 40$ | $\phi 50$ |
|                                         | m6               | Max    | 8.015                                                                                                                                                                                                              | 10.015    | 12.018     | 14.018     | 16.018    | 20.021     | 25.021    | 30.021    | 40.025    | 50.025    |
|                                         |                  | min    | 8.006                                                                                                                                                                                                              | 10.006    | 12.007     | 14.007     | 16.007    | 20.008     | 25.008    | 30.008    | 40.009    | 50.009    |
|                                         | h8               | Max    | 8                                                                                                                                                                                                                  | 10        | 12         | 14         | 16        | 20         | 25        | 30        | 40        | 50        |
|                                         |                  | min    | 7.978                                                                                                                                                                                                              | 9.978     | 11.973     | 13.973     | 15.973    | 19.967     | 24.967    | 29.967    | 39.961    | 49.961    |
|                                         | h11              | Max    | 8                                                                                                                                                                                                                  | 10        | 12         | 14         | 16        | 20         | 25        | 30        | 40        | 50        |
|                                         |                  | min    | 7.91                                                                                                                                                                                                               | 9.91      | 11.89      | 13.89      | 15.89     | 19.987     | 24.87     | 29.87     | 39.84     | 59.84     |
| $C$                                     | Max              |        | 1.2                                                                                                                                                                                                                | 1.5       | 1.8        | 2          | 2.5       | 3          | 4         | 4.5       | 6         | 7.5       |
| $r$                                     | $\approx$        |        | 8                                                                                                                                                                                                                  | 10        | 12         | 14         | 16        | 20         | 25        | 30        | 40        | 50        |
| "L"                                     |                  | m6     | $L \leq 10 = +0.3/0$ $10 < L \leq 50 = +0.5/0$ $50 < L \leq 200 = +0.8/0$                                                                                                                                          |           |            |            |           |            |           |           |           |           |
|                                         |                  | h8 h11 | $L \leq 10 = +0.5/0$ $10 < L \leq 50 = +1.0/0$ $50 < L \leq 200 = +1.5/0$                                                                                                                                          |           |            |            |           |            |           |           |           |           |
| Material                                |                  |        | 一: DIN EN ISO 683-4 or DIN1652.<br>二: Other materials as agreed between customer and supplier.                                                                                                                     |           |            |            |           |            |           |           |           |           |
| Product structure and surface roughness |                  |        | 1. d m6: Rz4<br>2. d h8, h11: Rz16<br>3. Arc-shaped head, end face, chamfer: Rz63<br>4. Edges: All rounded or deburred                                                                                             |           |            |            |           |            |           |           |           |           |
| Surface condition                       |                  |        | If surface protection treatment is required, follow the following specifications:<br>a) Electroplating protection: Follow DIN 267 Part 9<br>b) Phosphating coating: Follow DIN 50942<br>c) Other surface treatment |           |            |            |           |            |           |           |           |           |

Note: This standard has been replaced by DIN EN ISO 2338 - 1998.