

表3 一般メートルねじの基準寸法 (M5-M30)

単位 mm

| 呼び径 (おねじ外径) (めねじ谷径) d, D | ピッチ P | 有効径 d ₂ , D ₂ | めねじ内径 おねじ谷径 D ₁ , d ₁ |
|-----------------------------------|----------|----------------------------------------|---------------------------------------------------|
| 5 | 0.8 | 4.480 | 4.134 |
| | 0.5 | 4.675 | 4.459 |
| 5.5 | 0.5 | 5.175 | 4.959 |
| 6 | 1.0 | 5.350 | 4.917 |
| | 0.75 | 5.513 | 5.188 |
| 7 | 1.0 | 6.350 | 5.917 |
| | 0.75 | 6.513 | 6.188 |
| 8 | 1.25 | 7.188 | 6.647 |
| | 1.0 | 7.350 | 6.917 |
| | 0.75 | 7.513 | 7.188 |
| 9 | 1.25 | 8.188 | 7.647 |
| | 1.0 | 8.350 | 7.917 |
| | 0.75 | 8.513 | 8.188 |
| 10 | 1.5 | 9.026 | 8.376 |
| | 1.25 | 9.188 | 8.647 |
| | 1.0 | 9.350 | 8.917 |
| | 0.75 | 9.513 | 9.188 |
| 11 | 1.5 | 10.026 | 9.376 |
| | 1.0 | 10.350 | 9.917 |
| | 0.75 | 10.513 | 10.188 |
| 12 | 1.75 | 10.863 | 10.106 |
| | 1.5 | 11.026 | 10.376 |
| | 1.25 | 11.188 | 10.647 |
| | 1.0 | 11.350 | 10.917 |
| 14 | 2.0 | 12.701 | 11.835 |
| | 1.5 | 13.026 | 12.376 |
| | 1.25 | 13.188 | 12.647 |
| | 1.0 | 13.350 | 12.917 |
| 15 | 1.5 | 14.026 | 13.376 |
| | 1.0 | 14.350 | 13.917 |
| 16 | 2.0 | 14.701 | 13.835 |
| | 1.5 | 15.026 | 14.376 |
| | 1.0 | 15.350 | 14.917 |
| 17 | 1.5 | 16.026 | 15.376 |
| | 1.0 | 16.350 | 15.917 |

表3 一般メートルねじの基準寸法 (M5-M30) (続き)

単位 mm

| 呼び径 (おねじ外径) (めねじ谷径) d, D | ピッチ P | 有効径 d ₂ , D ₂ | めねじ内径 おねじ谷径 D ₁ , d ₁ |
|-----------------------------------|----------|----------------------------------------|---------------------------------------------------|
| 18 | 2.5 | 16.376 | 15.294 |
| | 2.0 | 16.701 | 15.835 |
| | 1.5 | 17.026 | 16.376 |
| | 1.0 | 17.350 | 16.917 |
| 20 | 2.5 | 18.376 | 17.294 |
| | 2.0 | 18.701 | 17.835 |
| | 1.5 | 19.026 | 18.376 |
| | 1.0 | 19.350 | 18.917 |
| 22 | 2.5 | 20.376 | 19.294 |
| | 2.0 | 20.701 | 19.835 |
| | 1.5 | 21.026 | 20.376 |
| | 1.0 | 21.350 | 20.917 |
| 24 | 3.0 | 22.051 | 20.752 |
| | 2.0 | 22.701 | 21.835 |
| | 1.5 | 23.026 | 22.376 |
| | 1.0 | 23.350 | 22.917 |
| 25 | 2.0 | 23.701 | 22.835 |
| | 1.5 | 24.026 | 23.376 |
| | 1.0 | 24.350 | 23.917 |
| 26 | 1.5 | 25.026 | 24.376 |
| 27 | 3.0 | 25.051 | 23.752 |
| | 2.0 | 25.701 | 24.835 |
| | 1.5 | 26.026 | 25.376 |
| | 1.0 | 26.350 | 25.917 |
| 28 | 2.0 | 26.701 | 25.835 |
| | 1.5 | 27.026 | 26.376 |
| | 1.0 | 27.350 | 26.917 |
| 30 | 3.5 | 27.727 | 26.211 |
| | 3.0 | 28.051 | 26.752 |
| | 2.0 | 28.701 | 27.835 |
| | 1.5 | 29.026 | 28.376 |
| | 1.0 | 29.350 | 28.917 |

出典 日本産業規格 JIS B 0205-4:2001 「一般用メートルねじ第4部：基準寸法」



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