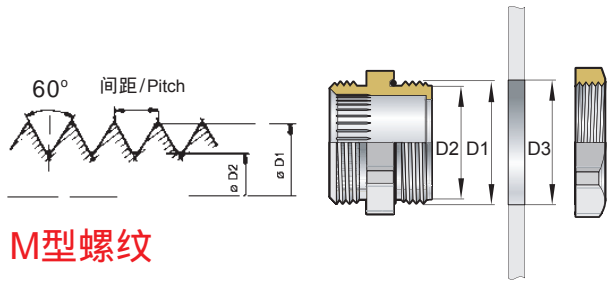


RCCN 螺纹标准及开孔数据 Thread standard



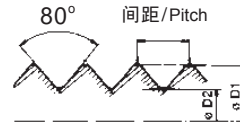
M型螺纹

公制ISO螺纹EN60423

Metric ISO thread to EN 60423

| 公制螺纹 metric thread | 螺距 Pitch | 螺纹外径D1 Nominal Size | 螺纹内径D2 Core diameter | 开孔尺寸 Bore through |
|-----------------------|-------------|------------------------|-------------------------|----------------------|
| M10×1.5 | 1.0 | 10 | 9 | 10-10.5 |
| M12×1.5 | 1.5 | 12 | 10.5 | 12-12.5 |
| M14×1.5 | 1.5 | 14 | 12.5 | 14-14.5 |
| M16×1.5 | 1.5 | 16 | 14.5 | 16-16.5 |
| M18×1.5 | 1.5 | 18 | 16.5 | 18-18.5 |
| M20×1.5 | 1.5 | 20 | 18.5 | 20-20.5 |
| M22×1.5 | 1.5 | 22 | 20.5 | 22-22.5 |
| M24×1.5 | 1.5 | 24 | 22.5 | 24-24.5 |
| M25×1.5 | 1.5 | 25 | 23.5 | 25-25.5 |
| M27×1.5 | 1.5 | 27 | 25.5 | 27-27.5 |
| M27×2.0 | 2.0 | 27 | 25.5 | 27-27.5 |
| M30×2.0 | 2.0 | 30 | 28.5 | 30-30.5 |
| M32×1.5 | 1.5 | 32 | 30.5 | 32-32.5 |
| M33×2.0 | 2.0 | 33 | 31.5 | 33-33.5 |
| M36×2.0 | 2.0 | 36 | 34.5 | 36-36.5 |
| M40×1.5 | 1.5 | 40 | 38.5 | 40-40.5 |
| M42×2.0 | 2.0 | 42 | 40.5 | 42-42.5 |
| M48×2.0 | 2.0 | 48 | 46.5 | 48-48.5 |
| M50×1.5 | 1.5 | 50 | 48.5 | 50-50.5 |
| M54×2.0 | 2.0 | 54 | 52.5 | 54-54.5 |
| M56×2.0 | 2.0 | 56 | 54.5 | 56-56.5 |
| M60×2.0 | 2.0 | 60 | 58.5 | 60-60.5 |
| M63×1.5 | 1.5 | 63 | 61.5 | 63-63.5 |
| M64×2.0 | 2.0 | 64 | 62.5 | 64-64.5 |
| M72×2.0 | 2.0 | 72 | 70.5 | 72-74 |
| M75×1.5 | 1.5 | 75 | 73.5 | 75-77 |
| M80×2.0 | 2.0 | 80 | 78.0 | 80-82 |
| M88×2.0 | 2.0 | 88 | 86.0 | 88-90 |
| M100×2.0 | 2.0 | 100 | 98.0 | 100-102 |
| M110×2.0 | 2.0 | 110 | 108 | 110-112 |
| M125×2.0 | 2.0 | 125 | 123 | 125-127 |

| 公制螺纹 metric thread | 金属扭矩 Metal | 尼龙扭矩 Plastic |
|-----------------------|---------------|-----------------|
| M 6 | 2 Nm | - |
| M 8 | 4 Nm | - |
| M 10 | 6 Nm | - |
| M 12 | 6 Nm | 1.5 Nm |
| M 12 | 6 Nm | 2.0 Nm |
| M 16 | 8 Nm | 3.0 Nm |
| M 20 | 10 Nm | 4.0 Nm |
| M 25 | 10 Nm | 6.0 Nm |
| M 32 | 15 Nm | 8.0 Nm |
| M 40 | 20 Nm | 10.0 Nm |
| M 50 | 20 Nm | 10.0 Nm |
| M 63 | 20 Nm | 10.0 Nm |

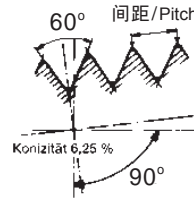


PG型螺纹

德制PG螺纹 DIN 40430

Pg thread to DIN 40430

| 公制螺纹 metric thread | 螺距 Pitch | 螺纹外径D1 Nominal Size | 螺纹内径D2 Core diameter | 开孔尺寸 Bore through |
|-----------------------|-------------|------------------------|-------------------------|----------------------|
| PG 7 | 1.270 | 12.5 | 11.28 | 12.5-13.0 |
| PG 9 | 1.410 | 15.2 | 13.86 | 15.2-15.7 |
| PG 11 | 1.410 | 18.6 | 17.26 | 18.6-19.1 |
| PG 13.5 | 1.410 | 20.4 | 19.06 | 20.4-20.9 |
| PG 16 | 1.410 | 22.5 | 21.16 | 22.5-22.9 |
| PG 21 | 1.588 | 28.3 | 26.78 | 28.3-28.8 |
| PG 29 | 1.588 | 37.0 | 35.48 | 37.0-37.5 |
| PG 36 | 1.588 | 47.0 | 45.48 | 47.0-47.5 |
| PG 42 | 1.588 | 54.0 | 52.48 | 54.0-54.5 |
| PG 48 | 1.588 | 59.3 | 57.78 | 59.3-59.8 |



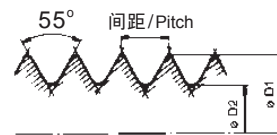
NPT型螺纹

美制NPT锥螺纹

NPT (Conical) American pipe thread

| 公制螺纹 metric thread | 螺距 Pitch | 螺纹外径D1 Nominal Size | 螺纹数量 Number of threads per unit length |
|-----------------------|-------------|------------------------|---|
| NPT 1/4 | 1.411 | 13.616 | 18 |
| NPT 3/8 | 1.411 | 17.055 | 18 |
| NPT 1/2 | 1.814 | 21.223 | 14 |
| NPT 3/4 | 1.814 | 26.568 | 14 |
| NPT 1 | 2.208 | 33.227 | 11½ |
| NPT 1¼ | 2.208 | 41.984 | 11½ |
| NPT 1½ | 2.208 | 48.053 | 11½ |
| NPT 2 | 2.208 | 60.091 | 11½ |
| NPT 2½ | 3.175 | 72.699 | 8 |
| NPT 3 | 3.175 | 88.608 | 8 |
| NPT 3½ | 3.175 | 100.013 | 8 |

开孔+0.5mm



G型螺纹

英制G管螺纹 DIN ISO 228

Pg thread to DIN ISO 228

| 公制螺纹 metric thread | 螺距 Pitch | 螺纹外径D1 Nominal Size | 螺纹内径D2 Core diameter | 开孔尺寸 Bore through |
|-----------------------|-------------|------------------------|-------------------------|----------------------|
| G 1/4 | 1.337 | 13.157 | 11.145 | 13.4-13.9 |
| G 3/8 | 1.337 | 16.662 | 14.950 | 17.0-17.5 |
| G 1/2 | 1.814 | 20.955 | 18.631 | 21.3-21.8 |
| G 3/4 | 1.814 | 26.441 | 24.117 | 26.8-27.3 |
| G 1 | 2.309 | 33.249 | 30.291 | 33.7-34.2 |
| G 1¼ | 2.309 | 41.910 | 38.952 | 42.4-42.9 |
| G 1½ | 2.309 | 47.803 | 44.845 | 48.3-48.8 |
| G 2 | 2.309 | 59.614 | 56.656 | 60.2-60.7 |
| G 2½ | 2.309 | 75.184 | 72.226 | 75.7-76.2 |
| G 3 | 2.309 | 87.884 | 84.926 | 88.5-88.9 |
| G 3½ | 2.309 | 100.330 | 97.372 | 101.0-101.5 |
| G 4 | 2.309 | 113.030 | 110.072 | 114.0-114.5 |