# ねじ下穴径表 切削タップ用

Think threads with YAMAWA

## メートルねじ用

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| M1 × 0.25 | (0.785) | (0.729) | 0.77 |
| M1 × 0.2 | (0.821) | (0.783) | 0.81 |
| M1.1 × 0.25 | (0.885) | (0.829) | 0.87 |
| M1.1 × 0.2 | (0.921) | (0.883) | 0.91 |
| M1.2 × 0.25 | (0.985) | (0.929) | 0.97 |
| M1.2 × 0.2 | (1.021) | (0.983) | 1.01 |
| M1.4 × 0.3 | (1.142) | (1.075) | 1.13 |
| M1.4 × 0.2 | (1.221) | (1.183) | 1.21 |
| M1.6 × 0.35 | 1.321 | 1.221 | 1.30 |
| M1.6 × 0.2 | (1.421) | (1.383) | 1.41 |
| 注1 M1.7 × 0.35 | 1.421 | 1.321 | 1.40 |
| 注1 M1.7 × 0.2 | 1.521 | 1.483 | 1.51 |
| M1.8 × 0.35 | 1.521 | 1.421 | 1.50 |
| M1.8 × 0.2 | (1.621) | (1.583) | 1.61 |
| M2 × 0.4 | 1.679 | 1.567 | 1.65 |
| M2 × 0.25 | (1.785) | (1.729) | 1.77 |
| M2.2 × 0.45 | 1.838 | 1.713 | 1.81 |
| M2.2 × 0.25 | (1.985) | (1.929) | 1.97 |
| 注1 M2.3 × 0.4 | 1.979 | 1.867 | 1.95 |
| 注1 M2.3 × 0.25 | 2.085 | 2.029 | 2.07 |
| M2.5 × 0.45 | 2.138 | 2.013 | 2.11 |
| M2.5 × 0.35 | 2.221 | 2.121 | 2.20 |
| 注1 M2.6 × 0.45 | 2.238 | 2.113 | 2.21 |
| 注1 M2.6 × 0.35 | 2.321 | 2.221 | 2.30 |
| M3 × 0.5 | 2.599 | 2.459 | 2.56 |
| 注1 3M0.6 | 2.440 | 2.280 | 2.40 |
| M3 × 0.35 | 2.721 | 2.621 | 2.70 |
| M3.5 × 0.6 | 3.010 | 2.850 | 2.97 |
| M3.5 × 0.35 | 3.221 | 3.121 | 3.20 |
| M4 × 0.7 | 3.422 | 3.242 | 3.38 |
| 注1 4M0.75 | 3.326 | 3.106 | 3.27 |
| M4 × 0.5 | 3.599 | 3.459 | 3.56 |
| M4.5 × 0.75 | 3.878 | 3.688 | 3.83 |
| M4.5 × 0.5 | 4.099 | 3.959 | 4.06 |
| M5 × 0.8 | 4.334 | 4.134 | 4.28 |
| 注1 5M0.9 | 4.170 | 3.930 | 4.11 |
| 注2 M5 × 0.75 | 4.378 | 4.188 | 4.33 |
| M5 × 0.5 | 4.599 | 4.459 | 4.56 |
| 注1 M5.5 × 0.9 | 4.670 | 4.430 | 4.61 |
| M5.5 × 0.75 | 4.878 | 4.688 | 4.83 |
| M5.5 × 0.5 | 5.099 | 4.959 | 5.06 |
| M6 × 1 | 5.153 | 4.917 | 5.09 |
| M6 × 0.75 | 5.378 | 5.188 | 5.33 |
| 注1 M6 × 0.5 | 5.599 | 5.459 | 5.56 |
| 注2 M6.5 × 0.5 | 6.099 | 5.959 | 6.06 |
| M7 × 1 | 6.153 | 5.917 | 6.09 |
| M7 × 0.75 | 6.378 | 6.188 | 6.33 |
| 注1 M7 × 0.5 | 6.599 | 6.459 | 6.56 |
| 注2 M7.5 × 0.5 | 7.099 | 6.959 | 7.06 |
| M8 × 1.25 | 6.912 | 6.647 | 6.85 |
| M8 × 1 | 7.153 | 6.917 | 7.09 |
| M8 × 0.75 | 7.378 | 7.188 | 7.33 |
| 注1 M8 × 0.5 | 7.599 | 7.459 | 7.56 |
| 注2 M8.5 × 1 | 7.653 | 7.417 | 7.59 |
| 注2 M8.5 × 0.75 | 7.878 | 7.688 | 7.83 |
| 注2 M8.5 × 0.5 | 8.099 | 7.959 | 8.06 |
| M9 × 1.25 | 7.912 | 7.647 | 7.85 |
| M9 × 1 | 8.153 | 7.917 | 8.09 |
| M9 × 0.75 | 8.378 | 8.188 | 8.33 |
| 注1 M9 × 0.5 | 8.599 | 8.459 | 8.56 |
| 注2 M9.5 × 1 | 8.653 | 8.417 | 8.59 |

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| 注2 M9.5 × 0.75 | 8.878 | 8.688 | 8.83 |
| 注2 M9.5 × 0.5 | 9.099 | 8.959 | 9.06 |
| M10 × 1.5 | 8.676 | 8.376 | 8.60 |
| M10 × 1.25 | 8.912 | 8.647 | 8.85 |
| M10 × 1 | 9.153 | 8.917 | 9.09 |
| M10 × 0.75 | 9.378 | 9.188 | 9.33 |
| 注1 M10 × 0.5 | 9.599 | 9.459 | 9.56 |
| M11 × 1.5 | 9.676 | 9.376 | 9.60 |
| 注1 M11 × 1.25 | 9.912 | 9.647 | 9.85 |
| M11 × 1 | 10.153 | 9.917 | 10.09 |
| M11 × 0.75 | 10.378 | 10.188 | 10.33 |
| 注1 M11 × 0.5 | 10.599 | 10.459 | 10.56 |
| M12 × 1.75 | 10.441 | 10.106 | 10.4 |
| M12 × 1.5 | 10.676 | 10.376 | 10.60 |
| M12 × 1.25 | 10.912 | 10.647 | 10.85 |
| M12 × 1 | 11.153 | 10.917 | 11.09 |
| 注2 M12 × 0.75 | 11.378 | 11.188 | 11.33 |
| 注1 M12 × 0.5 | 11.599 | 11.459 | 11.56 |
| 注2 M13 × 1.75 | 11.441 | 11.106 | 11.4 |
| 注1 M13 × 1.5 | 11.676 | 11.376 | 11.60 |
| 注2 M13 × 1.25 | 11.912 | 11.647 | 11.85 |
| 注1 M13 × 1 | 12.153 | 11.917 | 12.09 |
| 注2 M13 × 0.75 | 12.378 | 12.188 | 12.33 |
| 注1 M13 × 0.5 | 12.599 | 12.459 | 12.56 |
| M14 × 2 | 12.210 | 11.835 | 12.1 |
| 注2 M14 × 1.75 | 12.441 | 12.106 | 12.4 |
| M14 × 1.5 | 12.676 | 12.376 | 12.60 |
| M14 × 1.25 | 12.912 | 12.647 | 12.85 |
| M14 × 1 | 13.153 | 12.917 | 13.09 |
| 注2 M14 × 0.75 | 13.378 | 13.188 | 13.33 |
| 注1 M14 × 0.5 | 13.599 | 13.459 | 13.56 |
| 注2 M15 × 2 | 13.210 | 12.835 | 13.1 |
| M15 × 1.5 | 13.676 | 13.376 | 13.60 |
| 注2 M15 × 1.25 | 13.912 | 13.647 | 13.85 |
| M15 × 1 | 14.153 | 13.917 | 14.09 |
| 注2 M15 × 0.75 | 14.378 | 14.188 | 14.33 |
| 注1 M15 × 0.5 | 14.599 | 14.459 | 14.56 |
| M16 × 2 | 14.210 | 13.835 | 14.1 |
| M16 × 1.5 | 14.676 | 14.376 | 14.60 |
| 注2 M16 × 1.25 | 14.912 | 14.647 | 14.85 |
| M16 × 1 | 15.153 | 14.917 | 15.09 |
| 注2 M16 × 0.75 | 15.378 | 15.188 | 15.33 |
| 注1 M16 × 0.5 | 15.599 | 15.459 | 15.56 |
| 注2 M17 × 2 | 15.210 | 14.835 | 15.1 |
| M17 × 1.5 | 15.676 | 15.376 | 15.60 |
| 注2 M17 × 1.25 | 15.912 | 15.647 | 15.85 |
| M17 × 1 | 16.153 | 15.917 | 16.09 |
| 注2 M17 × 0.75 | 16.378 | 16.188 | 16.33 |
| 注2 M17 × 0.5 | 16.599 | 16.459 | 16.56 |
| M18 × 2.5 | 15.744 | 15.294 | 15.6 |
| M18 × 2 | 16.210 | 15.835 | 16.1 |
| M18 × 1.5 | 16.676 | 16.376 | 16.60 |
| 注2 M18 × 1.25 | 16.912 | 16.647 | 16.85 |
| M18 × 1 | 17.153 | 16.917 | 17.09 |
| 注2 M18 × 0.75 | 17.378 | 17.188 | 17.33 |
| 注1 M18 × 0.5 | 17.599 | 17.459 | 17.56 |
| 注2 M19 × 2.5 | 16.744 | 16.294 | 16.6 |
| 注2 M19 × 2 | 17.210 | 16.835 | 17.1 |
| 注2 M19 × 1.5 | 17.676 | 17.376 | 17.60 |
| 注2 M19 × 1 | 18.153 | 17.917 | 18.09 |
| 注2 M19 × 0.75 | 18.378 | 18.188 | 18.33 |

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| 注2 M19 × 0.5 | 18.599 | 18.459 | 18.56 |
| M20 × 2.5 | 17.744 | 17.294 | 17.6 |
| M20 × 2 | 18.210 | 17.835 | 18.1 |
| M20 × 1.5 | 18.676 | 18.376 | 18.60 |
| 注2 M20 × 1.25 | 18.912 | 18.647 | 18.85 |
| M20 × 1 | 19.153 | 18.917 | 19.09 |
| 注2 M20 × 0.75 | 19.378 | 19.188 | 19.33 |
| 注1 M20 × 0.5 | 19.599 | 19.459 | 19.56 |
| 注2 M21 × 2 | 19.210 | 18.835 | 19.1 |
| 注2 M21 × 1.5 | 19.676 | 19.376 | 19.60 |
| 注2 M21 × 1 | 20.153 | 19.917 | 20.09 |
| M22 × 2.5 | 19.744 | 19.294 | 19.6 |
| M22 × 2 | 20.210 | 19.835 | 20.1 |
| M22 × 1.5 | 20.676 | 20.376 | 20.60 |
| 注2 M22 × 1.25 | 20.912 | 20.647 | 20.85 |
| M22 × 1 | 21.153 | 20.917 | 21.09 |
| 注2 M22 × 0.75 | 21.378 | 21.188 | 21.33 |
| 注1 M22 × 0.5 | 21.599 | 21.459 | 21.56 |
| 注2 M23 × 2 | 21.210 | 20.835 | 21.1 |
| 注2 M23 × 1.5 | 21.676 | 21.376 | 21.60 |
| 注2 M23 × 1 | 22.153 | 21.917 | 22.09 |
| M24 × 3 | 21.252 | 20.752 | 21.1 |
| M24 × 2 | 22.210 | 21.835 | 22.1 |
| M24 × 1.5 | 22.676 | 22.376 | 22.60 |
| 注2 M24 × 1.25 | 22.912 | 22.647 | 22.85 |
| M24 × 1 | 23.153 | 22.917 | 23.09 |
| 注2 M24 × 0.75 | 23.378 | 23.188 | 23.33 |
| 注1 M24 × 0.5 | 23.599 | 23.459 | 23.56 |
| 注2 M25 × 3 | 22.252 | 21.752 | 22.1 |
| M25 × 2 | 23.210 | 22.835 | 23.1 |
| M25 × 1.5 | 23.676 | 23.376 | 23.60 |
| M25 × 1 | 24.153 | 23.917 | 24.09 |
| 注2 M25 × 0.75 | 24.378 | 24.188 | 24.33 |
| 注2 M26 × 3 | 23.252 | 22.752 | 23.1 |
| 注1 M26 × 2 | 24.210 | 23.835 | 24.1 |
| M26 × 1.5 | 24.676 | 24.376 | 24.60 |
| 注1 M26 × 1 | 25.153 | 24.917 | 25.09 |
| M27 × 3 | 24.252 | 23.752 | 24.1 |
| M27 × 2 | 25.210 | 24.835 | 25.1 |
| M27 × 1.5 | 25.676 | 25.376 | 25.60 |
| M27 × 1 | 26.153 | 25.917 | 26.09 |
| 注2 M27 × 0.75 | 26.378 | 26.188 | 26.33 |
| 注2 M28 × 3 | 25.252 | 24.752 | 25.1 |
| M28 × 2 | 26.210 | 25.835 | 26.1 |
| M28 × 1.5 | 26.676 | 26.376 | 26.60 |
| M28 × 1 | 27.153 | 26.917 | 27.09 |
| 注2 M29 × 1.5 | 27.676 | 27.376 | 27.60 |
| M30 × 3.5 | 26.771 | 26.211 | 26.6 |
| M30 × 3 | 27.252 | 26.752 | 27.1 |
| M30 × 2 | 28.210 | 27.835 | 28.1 |
| M30 × 1.5 | 28.676 | 28.376 | 28.60 |
| M30 × 1 | 29.153 | 28.917 | 29.09 |
| 注2 M32 × 3.5 | 28.771 | 28.211 | 28.6 |
| 注2 M32 × 3 | 29.252 | 28.752 | 29.1 |
| M32 × 2 | 30.210 | 29.835 | 30.1 |
| M32 × 1.5 | 30.676 | 30.376 | 30.60 |
| 注1 M32 × 1 | 31.153 | 30.917 | 31.09 |
| 注2 M32 × 0.75 | 31.378 | 31.188 | 31.33 |
| M33 × 3.5 | 29.771 | 29.211 | 29.6 |
| M33 × 3 | 30.252 | 29.752 | 30.1 |
| M33 × 2 | 31.210 | 30.835 | 31.1 |

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| M33 × 1.5 | 31.676 | 31.376 | 31.60 |
| 注2 M33 × 1 | 32.153 | 31.917 | 32.09 |
| 注2 M34 × 3 | 31.252 | 30.752 | 31.1 |
| 注1 M34 × 2 | 32.210 | 31.835 | 32.1 |
| 注1 M34 × 1.5 | 32.676 | 32.376 | 32.60 |
| 注1 M34 × 1 | 33.153 | 32.917 | 33.09 |
| 注2 M35 × 3 | 32.252 | 31.752 | 32.1 |
| 注2 M35 × 2 | 33.210 | 32.835 | 33.1 |
| M35 × 1.5 | 33.676 | 33.376 | 33.60 |
| 注2 M35 × 1 | 34.153 | 33.917 | 34.09 |
| M36 × 4 | 32.270 | 31.670 | 32.1 |
| M36 × 3 | 33.252 | 32.752 | 33.1 |
| M36 × 2 | 34.210 | 33.835 | 34.1 |
| M36 × 1.5 | 34.676 | 34.376 | 34.60 |
| 注1 M36 × 1 | 35.153 | 34.917 | 35.09 |
| 注2 M37 × 1.5 | 35.676 | 35.376 | 35.60 |
| 注2 M38 × 3 | 35.252 | 34.752 | 35.1 |
| 注1 M38 × 2 | 36.210 | 35.835 | 36.1 |
| M38 × 1.5 | 36.676 | 36.376 | 36.60 |
| 注1 M38 × 1 | 37.153 | 36.917 | 37.09 |
| M39 × 4 | 35.270 | 34.670 | 35.1 |
| M39 × 3 | 36.252 | 35.752 | 36.1 |
| M39 × 2 | 37.210 | 36.835 | 37.1 |
| M39 × 1.5 | 37.676 | 37.376 | 37.60 |
| 注2 M39 × 1 | 38.153 | 37.917 | 38.09 |
| 注2 M40 × 4 | 36.270 | 35.670 | 36.1 |
| M40 × 3 | 37.252 | 36.752 | 37.1 |
| M40 × 2 | 38.210 | 37.835 | 38.1 |
| M40 × 1.5 | 38.676 | 38.376 | 38.60 |
| 注1 M40 × 1 | 39.153 | 38.917 | 39.09 |
| M42 × 4.5 | 37.799 | 37.129 | 37.6 |
| M42 × 4 | 38.270 | 37.670 | 38.1 |
| M42 × 3 | 39.252 | 38.752 | 39.1 |
| M42 × 2 | 40.210 | 39.835 | 40.1 |
| M42 × 1.5 | 40.676 | 40.376 | 40.60 |
| 注1 M42 × 1 | 41.153 | 40.917 | 41.09 |
| 注2 M44 × 4 | 40.270 | 39.670 | 40.1 |
| 注2 M44 × 3 | 41.252 | 40.752 | 41.1 |
| 注2 M44 × 2 | 42.210 | 41.835 | 42.1 |
| 注2 M44 × 1.5 | 42.676 | 42.376 | 42.60 |
| 注2 M44 × 1 | 43.153 | 42.917 | 43.09 |
| M45 × 4.5 | 40.799 | 40.129 | 40.6 |
| M45 × 4 | 41.270 | 40.670 | 41.1 |
| M45 × 3 | 42.252 | 41.752 | 42.1 |
| M45 × 2 | 43.210 | 42.835 | 43.1 |
| M45 × 1.5 | 43.676 | 43.376 | 43.60 |
| 注1 M45 × 1 | 44.153 | 43.917 | 44.09 |
| 注2 M46 × 4 | 42.270 | 41.670 | 42.1 |
| 注2 M46 × 3 | 43.252 | 42.752 | 43.1 |
| 注2 M46 × 2 | 44.210 | 44.835 | 44.1 |
| 注2 M46 × 1.5 | 44.676 | 44.376 | 44.60 |
| M48 × 5 | 43.297 | 42.587 | 43.1 |
| M48 × 4 | 44.270 | 43.670 | 44.1 |
| M48 × 3 | 45.252 | 44.752 | 45.1 |
| M48 × 2 | 46.210 | 45.835 | 46.1 |
| M48 × 1.5 | 46.676 | 46.376 | 46.60 |
| 注1 M48 × 1 | 47.153 | 46.917 | 47.09 |

- $D_1$: JIS 6H（2級）めねじ内径を表します。（ ）内の数値は、並目ねじは5H(2級)、細目ねじは4H・5H(1級)を記載してあります。
- 呼び 注1印のものは JIS より削除されています。
- 呼び 注2印のものは JIS に規定されていない。
- JIS規格に準じ、P=1.5以下は小数点以下2桁、P=1.75以上は小数点以下1桁で記載してあります。

## ユニファイねじ用

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| No. 0 -80UNF | 1.305 | 1.182 | 1.27 |
| No. 1 -64UNC | 1.582 | 1.425 | 1.54 |
| No. 1 -72UNF | 1.612 | 1.474 | 1.58 |
| No. 2 -56UNC | 1.871 | 1.695 | 1.83 |
| No. 2 -64UNF | 1.912 | 1.756 | 1.87 |
| No. 3 -48UNC | 2.146 | 1.941 | 2.09 |
| No. 3 -56UNF | 2.197 | 2.025 | 2.15 |
| No. 4 -40UNC | 2.385 | 2.157 | 2.33 |
| No. 4 -48UNF | 2.458 | 2.271 | 2.41 |
| No. 5 -40UNC | 2.697 | 2.487 | 2.64 |
| No. 5 -44UNF | 2.740 | 2.551 | 2.69 |
| No. 6 -32UNC | 2.895 | 2.642 | 2.83 |
| No. 6 -40UNF | 3.022 | 2.820 | 2.97 |
| No. 8 -32UNC | 3.530 | 3.302 | 3.47 |
| No. 8 -36UNF | 3.606 | 3.404 | 3.56 |
| No.10 -24UNC | 3.962 | 3.683 | 3.89 |
| No.10 -32UNF | 4.165 | 3.963 | 4.11 |
| No.12 -24UNC | 4.597 | 4.344 | 4.53 |
| No.12 -28UNF | 4.724 | 4.496 | 4.67 |
| No.12 -32UNEF | 4.826 | 4.623 | 4.78 |
| 1/4 -20UNC | 5.257 | 4.979 | 5.19 |
| 1/4 -28UNF | 5.588 | 5.360 | 5.53 |
| 1/4 -32UNEF | 5.689 | 5.487 | 5.64 |
| 1/4 -36UNS | 5.766 | 5.588 | 5.72 |
| 5/16 -18UNC | 6.731 | 6.401 | 6.65 |
| 5/16 -24UNF | 7.035 | 6.782 | 6.97 |
| 5/16 -32UNEF | 7.264 | 7.087 | 7.22 |
| 3/8 -16UNC | 8.153 | 7.798 | 8.06 |
| 3/8 -24UNF | 8.636 | 8.382 | 8.57 |
| 3/8 -32UNEF | 8.864 | 8.662 | 8.81 |
| 7/16 -14UNC | 9.550 | 9.144 | 9.4 |
| 7/16 -20UNF | 10.033 | 9.729 | 9.96 |
| 7/16 -24UNS | 10.210 | 9.957 | 10.15 |
| 7/16 -28UNEF | 10.337 | 10.135 | 10.29 |
| 1/2 -13UNC | 11.023 | 10.592 | 10.9 |
| 1/2 -20UNF | 11.607 | 11.329 | 11.54 |
| 1/2 -24UNS | 11.811 | 11.557 | 11.75 |
| 1/2 -28UNEF | 11.938 | 11.710 | 11.88 |
| 1/2 -32UN | 12.039 | 11.837 | 11.99 |
| 9/16 -12UNC | 12.446 | 11.989 | 12.3 |
| 9/16 -18UNF | 13.081 | 12.751 | 13.00 |
| 9/16 -20UN | 13.208 | 12.904 | 13.13 |
| 9/16 -24UNEF | 13.385 | 13.132 | 13.32 |
| 5/8 -11UNC | 13.868 | 13.386 | 13.7 |
| 5/8 -18UNF | 14.681 | 14.351 | 14.60 |
| 5/8 -20UN | 14.782 | 14.504 | 14.71 |
| 5/8 -24UNEF | 14.986 | 14.732 | 14.92 |
| 3/4 -10UNC | 16.840 | 16.307 | 16.7 |
| 3/4 -16UNF | 17.678 | 17.323 | 17.59 |
| 3/4 -20UNEF | 17.957 | 17.679 | 17.89 |
| 7/8 - 9UNC | 19.761 | 19.177 | 19.6 |
| 7/8 -14UNF | 20.675 | 20.270 | 20.6 |
| 7/8 -20UNEF | 21.132 | 20.854 | 21.06 |
| 1 - 8UNC | 22.606 | 21.971 | 22.4 |
| 1 -12UNF | 23.571 | 23.114 | 23.5 |
| 1 -14UNS | 23.825 | 23.445 | 23.7 |
| 1 -20UNEF | 24.307 | 24.029 | 24.24 |
| 1 1/16 -12UN | 25.146 | 24.689 | 25.0 |
| 1 1/16 -14UNS | 25.412 | 25.032 | 25.3 |
| 1 1/8 - 7UNC | 25.349 | 24.638 | 25.2 |
| 1 1/8 - 8UN | 25.781 | 25.146 | 25.6 |
| 1 1/8 -12UNF | 26.746 | 26.289 | 26.6 |
| 1 1/8 -14UNS | 27.000 | 26.620 | 26.9 |

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| 1 3/16-12UN | 28.321 | 27.864 | 28.2 |
| 1 1/4 - 7UNC | 28.524 | 27.813 | 28.3 |
| 1 1/4 - 8UN | 28.956 | 28.321 | 28.8 |
| 1 1/4 -12UNF | 29.921 | 29.464 | 29.8 |
| 1 5/16-12UN | 31.496 | 31.039 | 31.4 |
| 1 3/8 - 6UNC | 31.115 | 30.353 | 30.9 |
| 1 3/8 - 8UN | 32.131 | 31.496 | 32.0 |
| 1 3/8 -12UNF | 33.096 | 32.639 | 33.0 |
| 1 1/2 - 6UNC | 34.290 | 33.528 | 34.1 |
| 1 1/2 - 8UN | 35.306 | 34.671 | 35.1 |
| 1 1/2 -12UNF | 36.271 | 35.814 | 36.2 |
| 1 5/8 - 5UNS | 36.652 | 35.789 | 36.4 |
| 1 5/8 - 8UN | 38.481 | 37.846 | 38.3 |
| 1 5/8 -12UN | 39.446 | 38.989 | 39.3 |
| 1 3/4 - 5UNC | 39.827 | 38.964 | 39.6 |
| 1 3/4 - 8UN | 41.656 | 41.021 | 41.5 |
| 1 3/4 -12UN | 42.621 | 42.164 | 42.5 |
| 1 7/8 - 8UN | 44.831 | 44.196 | 44.7 |
| 1 7/8 -12UN | 45.796 | 45.339 | 45.7 |
| 2 - 4 1/2UNC | 45.593 | 44.679 | 45.4 |
| 2 - 8UN | 48.006 | 47.371 | 47.8 |
| 2 -12UN | 48.971 | 48.514 | 48.9 |

- $D_1$:2Bめねじ内径を表します。UNC,UNFはJIS、UNEF,UN,UNSの2Bめねじ内径$D_1$はASME B1.1によっています。

## ウイット並目ねじ用

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| 注1 1/16 W 60 | 1.230 | 1.107 | 1.20 |
| 注1 3/32 W 48 | 1.914 | 1.785 | 1.88 |
| 注1 1/8 W 40 | 2.591 | 2.456 | 2.56 |
| 注1 5/32 W 32 | 3.214 | 3.071 | 3.18 |
| 注1 3/16 W 24 | 3.745 | 3.563 | 3.70 |
| 注1 7/32 W 24 | 4.540 | 4.358 | 4.49 |
| 1/4 W 20 | 5.204 | 4.914 | 5.13 |
| 5/16 W 18 | 6.670 | 6.340 | 6.59 |
| 3/8 W 16 | 8.113 | 7.733 | 8.02 |
| 7/16 W 14 | 9.508 | 9.048 | 9.4 |
| 1/2 W 12 | 10.830 | 10.310 | 10.7 |
| 9/16 W 12 | 12.418 | 11.898 | 12.3 |
| 5/8 W 11 | 13.817 | 13.257 | 13.7 |
| 3/4 W 10 | 16.778 | 16.178 | 16.6 |
| 7/8 W 9 | 19.691 | 19.031 | 19.5 |
| 1 W 8 | 22.514 | 21.814 | 22.3 |
| 1 1/8 W 7 | 25.229 | 24.469 | 25.0 |
| 1 1/4 W 7 | 28.404 | 27.644 | 28.2 |
| 1 3/8 W 6 | 30.923 | 30.123 | 30.7 |
| 1 1/2 W 6 | 34.098 | 33.298 | 33.9 |
| 1 5/8 W 5 | 36.409 | 35.529 | 36.2 |
| 1 3/4 W 5 | 39.584 | 38.704 | 39.4 |
| 1 7/8 W 4 1/2 | 42.227 | 41.237 | 42.0 |
| 2 W 4 1/2 | 45.402 | 44.412 | 45.2 |

- $D_1$: JIS 2級めねじ内径を表します。・ウイットねじはJISより削除されています。
- 呼び 注1印のものはBSWに準じています。

## 管用平行ねじ用（Rp）

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| Rp 1/8 - 28 | 8.637 | 8.495 | 8.50 |
| Rp 1/4 - 19 | 11.549 | 11.341 | 11.40 |
| Rp 3/8 - 19 | 15.054 | 14.846 | 14.90 |
| Rp 1/2 - 14 | 18.773 | 18.489 | 18.5 |
| Rp 3/4 - 14 | 24.259 | 23.975 | 24.0 |
| Rp 1 - 11 | 30.472 | 30.110 | 30.2 |

- 商品記号の「AUSP Rp」は上表参照

## インサートコイルメートルねじ用

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| STI M2.6 × 0.45 | 2.798 | 2.698 | 2.77 |
| STI M 3 × 0.5 | 3.221 | 3.109 | 3.19 |
| STI M 4 × 0.7 | 4.291 | 4.151 | 4.26 |
| STI M 5 × 0.8 | 5.333 | 5.173 | 5.29 |
| STI M 6 × 1 | 6.406 | 6.216 | 6.36 |
| STI M 8 × 1.25 | 8.483 | 8.271 | 8.43 |
| STI M10 × 1.5 | 10.561 | 10.325 | 10.50 |
| STI M10 × 1.25 | 10.483 | 10.271 | 10.43 |

## 管用平行ねじ用（PS）

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| PS 1/16 - 28 | 6.632 | 6.490 | 6.50 |
| PS 1/8 - 28 | 8.637 | 8.495 | 8.50 |
| PS 1/4 - 19 | 11.549 | 11.341 | 11.30 |
| PS 3/8 - 19 | 15.054 | 14.846 | 14.80 |
| PS 1/2 - 14 | 18.773 | 18.489 | 18.5 |
| PS 5/8 - 14 | 20.729 | 20.445 | 20.4 |
| PS 3/4 - 14 | 24.259 | 23.975 | 24.0 |
| PS 7/8 - 14 | 28.019 | 27.735 | 27.7 |
| PS 1 - 11 | 30.472 | 30.110 | 30.1 |
| PS 1 1/8 - 11 | 35.120 | 34.758 | 34.7 |
| PS 1 1/4 - 11 | 39.133 | 38.771 | 38.8 |
| PS 1 1/2 - 11 | 45.026 | 44.664 | 44.7 |
| PS 1 3/4 - 11 | 50.969 | 50.607 | 50.6 |
| PS 2 - 11 | 56.837 | 56.475 | 56.5 |

- 商品記号に「PS」「Rp」がついているタップは上表参照

## 管用平行ねじ用（PF,G）

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| PF 1/16 - 28 | 6.843 | 6.561 | 6.77 |
| PF 1/8 - 28 | 8.848 | 8.566 | 8.78 |
| PF 1/4 - 19 | 11.890 | 11.445 | 11.78 |
| PF 3/8 - 19 | 15.395 | 14.950 | 15.28 |
| PF 1/2 - 14 | 19.172 | 18.631 | 19.0 |
| PF 5/8 - 14 | 21.128 | 20.587 | 21.0 |
| PF 3/4 - 14 | 24.658 | 24.117 | 24.5 |
| PF 7/8 - 14 | 28.418 | 27.877 | 28.3 |
| PF 1 - 11 | 30.931 | 30.291 | 30.8 |
| PF 1 1/8 - 11 | 35.579 | 34.939 | 35.4 |
| PF 1 1/4 - 11 | 39.592 | 38.952 | 39.4 |
| PF 1 1/2 - 11 | 45.485 | 44.845 | 45.3 |
| PF 1 3/4 - 11 | 51.428 | 50.788 | 51.3 |
| PF 2 - 11 | 57.296 | 56.656 | 57.1 |

## 管用テーパねじ用（PT,Rc）

単位：mm

| 呼び | ねじ下穴径（参考） ストレート穴の最大寸法 不完全ねじ部がある場合 | 不完全ねじ部がない場合 |
|---|---|---|
| PT 1/16 - 28 | 6.1 | 6.2 |
| PT 1/8 - 28 | 8.1 | 8.2 |
| PT 1/4 - 19 | 10.7 | 10.9 |
| PT 3/8 - 19 | 14.2 | 14.4 |
| PT 1/2 - 14 | 17.6 | 17.9 |
| PT 5/8 - 14 | 19.6 | 19.8 |
| PT 3/4 - 14 | 23.0 | 23.3 |
| PT 7/8 - 14 | 26.7 | 27.0 |
| PT 1 - 11 | 29.0 | 29.3 |
| PT 1 1/8 - 11 | 33.6 | 33.9 |
| PT 1 1/4 - 11 | 37.6 | 37.9 |
| PT 1 1/2 - 11 | 43.5 | 43.8 |
| PT 1 3/4 - 11 | 49.4 | 49.7 |
| PT 2 - 11 | 55.0 | 55.4 |

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| STI M10 × 1 | 10.406 | 10.216 | 10.36 |
| STI M12 × 1.75 | 12.644 | 12.379 | 12.6 |
| STI M12 × 1.5 | 12.561 | 12.325 | 12.50 |
| STI M12 × 1.25 | 12.483 | 12.271 | 12.43 |
| STI M14 × 2 | 14.733 | 14.433 | 14.7 |
| STI M14 × 1.5 | 14.561 | 14.325 | 14.50 |
| STI M14 × 1.25 | 14.483 | 14.271 | 14.43 |
| STI M16 × 2 | 16.733 | 16.433 | 16.7 |
| STI M16 × 1.5 | 16.561 | 16.325 | 16.50 |
| STI M18 × 2.5 | 18.897 | 18.542 | 18.8 |
| STI M18 × 1.5 | 18.561 | 18.325 | 18.50 |
| STI M20 × 2.5 | 20.897 | 20.542 | 20.8 |
| STI M20 × 1.5 | 20.561 | 20.325 | 20.50 |
| STI M22 × 2.5 | 22.897 | 22.542 | 22.8 |
| STI M22 × 1.5 | 22.561 | 22.325 | 22.50 |
| STI M24 × 3 | 25.049 | 24.649 | 24.9 |
| STI M24 × 2 | 24.733 | 24.433 | 24.7 |
| STI M24 × 1.5 | 24.561 | 24.325 | 24.50 |

- この表はインサートコイルメーカーの資料によっています。

## インサートコイルユニファイねじ用

単位：mm

| 呼び | めねじ内径($D_1$) Max. | Min. | ねじ下穴径 |
|---|---|---|---|
| STI No.4 - 40UNC | 3.180 | 2.985 | 3.13 |
| STI No.4 - 48UNF | 3.121 | 2.962 | 3.08 |
| STI No.5 - 40UNC | 3.487 | 3.315 | 3.44 |
| STI No.6 - 32UNC | 3.878 | 3.678 | 3.83 |
| STI No.6 - 40UNF | 3.817 | 3.645 | 3.77 |
| STI No.8 - 32UNC | 4.523 | 4.339 | 4.48 |
| STI No.8 - 36UNF | 4.498 | 4.321 | 4.45 |
| STI No.10 - 24UNC | 5.283 | 5.055 | 5.23 |
| STI No.10 - 32UNF | 5.184 | 4.999 | 5.14 |
| STI No.12 - 24UNC | 5.943 | 5.715 | 5.89 |
| STI 1/4 - 20UNC | 6.868 | 6.625 | 6.81 |
| STI 1/4 - 28UNF | 6.720 | 6.546 | 6.68 |
| STI 5/16 - 18UNC | 8.488 | 8.243 | 8.43 |
| STI 5/16 - 24UNF | 8.351 | 8.167 | 8.31 |
| STI 3/8 - 16UNC | 10.126 | 9.868 | 10.06 |
| STI 3/8 - 24UNF | 9.931 | 9.754 | 9.89 |
| STI 7/16 - 14UNC | 11.783 | 11.507 | 11.7 |
| STI 7/16 - 20UNF | 11.584 | 11.387 | 11.53 |
| STI 1/2 - 13UNC | 13.393 | 13.122 | 13.3 |
| STI 1/2 - 20UNF | 13.172 | 12.975 | 13.12 |
| STI 5/8 - 11UNC | 16.672 | 16.376 | 16.6 |
| STI 5/8 - 18UNF | 16.385 | 16.180 | 16.33 |
| STI 3/4 - 10UNC | 19.908 | 19.599 | 19.8 |
| STI 3/4 - 16UNF | 19.608 | 19.393 | 19.55 |

- この表はインサートコイルメーカーの資料によっています。


株式会社 彌満和製作所

本 社
〒104-0031
東京都中央区京橋3-13-10
(中島ゴールドビル)

タッピング技術相談室
フリーダイヤル ヤマワハヨイヤ
0120-800-418

ホームページ
総合カタログ



JQA-QM5420
JQA-EM0687
ECOLOGY
未来のためのエコアクション
品質に影響を与えない部位の仕上げ加工を簡素にして環境負荷低減に取り組んでいます YAMAWA



2024.11. ZKSAHSD