

パイプ外径一覧表

資料

| パイプ 呼径 | 配管用炭素鋼鋼管 (ガス管) | 配管用ステンレス鋼鋼管 | 圧力配管用炭素鋼鋼管 | 水道用亜鉛メッキ鋼管 | 厚鋼電線管 | 薄鋼電線管 | 硬質塩化ビニール管 | | | | 水道用ポリエチレン管 | ガス用被覆管 | 水道用被覆管 | スパイラルダクト管 | 繊維モルタル管 (トミジパイプ) | PFプラスチックフレキシブル管 | CDコンバインダクト管 | 制御用ボタンスイッチ | |
|-----------|-------------------|-------------|------------|------------|-------|-------|-----------|------|-------|-------|------------|--------|--------|-----------|---------------------|-----------------|-------------|------------|----------------------|
| | | | | | | | 電線管 | 水道管 | 一般管 | 薄肉管 | | | | | | | | | |
| mm | W | SGP | SUS-TP | STPG | SGPW | PF | C | VE | VW | VP | VU | PP | PLS | PL | | | PF | CD | D |
| 6 | 1/8" | 10.5 | 10.5 | 10.5 | | | | | | | | | | | | | | | 6.1 ^{+0.2} |
| 8 | 1/4" | 13.8 | 13.8 | 13.8 | | | | | | | | | | | | | | | 8.1 ^{+0.2} |
| 10 | 3/8" | 17.3 | 17.3 | 17.3 | 17.3 | | | | | | | 17.0 | | | | | | | 10.1 ^{+0.2} |
| 13 | | | | | | | | | 18.0 | 18.0 | | 21.5 | | | | | | | |
| 14 | | | | | | | | 18.0 | | | | | | | | | 21.5 | 19.0 | |
| 15 | 1/2" | 21.7 | 21.7 | 21.7 | 21.7 | | | | | | | | 26.8 | 25.7 | | | | | |
| 16 | | | | | | 21.0 | | 22.0 | | 22.0 | | | | | | | 23.0 | 21.0 | 16.2 ^{+0.2} |
| 19 | 5/8" | | | | | | 19.1 | | | | | | | | | | | | |
| 20 | 3/4" | 27.2 | 27.2 | 27.2 | 27.2 | | | | 26.0 | 26.0 | | 27.0 | 32.3 | 31.2 | | | | | |
| 22 | | | | | | 26.5 | | 26.0 | | | | | | | | | 30.5 | 27.5 | 22.3 ^{+0.4} |
| 25 | 1" | 34.0 | 34.0 | 34.0 | 34.0 | | 25.4 | | 32.0 | 32.0 | | 34.0 | 38.7 | 37.6 | | | | | 25.5 ^{+0.5} |
| 28 | | | | | | 33.3 | | 34.0 | | | | | | | | | 36.5 | 34.0 | |
| 30 | | | | | | | | | 38.0 | 38.0 | | 42.0 | | | | | | | 30.5 ^{+0.5} |
| 31 | | | | | | | 31.8 | | | | | | | | | | | | |
| 32 | 1-1/4" | 42.7 | 42.7 | 42.7 | 42.7 | | | | | | | | 47.4 | 46.3 | | | | | |
| 36 | | | | | | 41.9 | | 42.0 | | | | | | | | | 45.5 | 42.0 | |
| 39 | | | | | | | 38.1 | | | | | | | | | | | | |
| 40 | 1-1/2" | 48.6 | 48.6 | 48.6 | 48.6 | | | | 48.0 | 48.0 | 48.0 | 48.0 | 53.3 | 52.2 | | 63.0 | | | |
| 42 | | | | | | 47.8 | | 48.0 | | | | | | | | | | | |
| 50 | 2" | 60.5 | 60.5 | 60.5 | 60.5 | | | | 60.0 | 60.0 | 60.0 | 60.0 | 65.2 | 64.1 | | 75.0 | | | |
| 51 | | | | | | | 50.8 | | | | | | | | | | | | |
| 54 | | | | | | 59.6 | | 60.0 | | | | | | | | | | | |
| 63 | | | | | | | 63.5 | | | | | | | | | | | | |
| 65 | 2-1/2" | 76.3 | 76.3 | 76.3 | 76.3 | | | | | 76.0 | 76.0 | | | 79.9 | | 91.0 | | | |
| 70 | | | | | | 75.2 | | 76.0 | | | | | | | | | | | |
| 75 | | | | | | | 76.2 | | 89.0 | 89.0 | 89.0 | | | | | 104.0 | | | |
| 80 | 3" | 89.1 | 89.1 | 89.1 | 89.1 | | | | | | | | 93.4 | 92.7 | | | | | |
| 82 | | | | | | 87.9 | | 89.0 | | | | | | | | | | | |
| 90 | 3-1/2" | 101.6 | 101.6 | 101.6 | 101.6 | | | | | | | | | | | | | | |
| 92 | | | | | | 100.7 | | | | | | | | | | | | | |
| 100 | 4" | 114.3 | 114.3 | 114.3 | 114.3 | | | | 114.0 | 114.0 | 114.0 | | | | 101.0 | 131.0 | | | |
| 104 | | | | | | 113.4 | | | | | | | | | | | | | |
| 125 | 5" | 139.8 | 139.8 | 139.8 | 139.8 | | | | | 140.0 | 140.0 | | | | 126.0 | 158.0 | | | |
| 150 | 6" | 165.2 | 165.2 | 165.2 | 165.2 | | | | 165.0 | 165.0 | 165.0 | | | | 151.0 | 185.0 | | | |
| 175 | 7" | 190.7 | | | | | | | | | | | | | 176.0 | | | | |
| 200 | 8" | 216.3 | 216.3 | 216.3 | 216.3 | | | | | 216.0 | 216.0 | | | | 201.0 | | | | |
| 225 | 9" | 241.8 | | | | | | | | | | | | | | | | | |
| 250 | 10" | 267.4 | 267.4 | 267.4 | 267.4 | | | | | 267.0 | 267.0 | | | | | | | | |

※パイプの呼び径と外径 (mm)一覧表です。

適正回転数(N:r.p.m)

※適正回転数は、カッター外径、材質、被削材によって調整してください。

資料

$$N = \frac{1000 \times V}{\pi (3.14) \times D}$$

V : 切削速度 (m/分)
D : 刃先径 (mm)