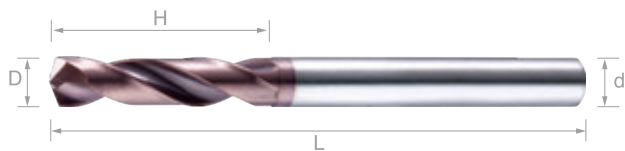




超硬高速ドリル(5D)

Carbide High Speed Drill (5xH) - 2 Flutes



| 型番 (Number) | 刃径 (D) | 刃長 (H) | 刃数 (T) | シャンク径 (d) | 全長 (L) | ユーザー様価格 (Price) |
|----------------|-----------|-----------|-----------|--------------|-----------|--------------------|
| JJH030 | 3.0 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH031 | 3.1 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH032 | 3.2 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH033 | 3.3 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH034 | 3.4 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH035 | 3.5 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH036 | 3.6 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH037 | 3.7 | 28 | 2 | 6 | 66 | ¥ 6,550 |
| JJH038 | 3.8 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH039 | 3.9 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH040 | 4.0 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH041 | 4.1 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH042 | 4.2 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH043 | 4.3 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH044 | 4.4 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH045 | 4.5 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH046 | 4.6 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH047 | 4.7 | 36 | 2 | 6 | 74 | ¥ 6,990 |
| JJH048 | 4.8 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH049 | 4.9 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH050 | 5.0 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH051 | 5.1 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH052 | 5.2 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH053 | 5.3 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH054 | 5.4 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH055 | 5.5 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH056 | 5.6 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH057 | 5.7 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH058 | 5.8 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH059 | 5.9 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH060 | 6.0 | 44 | 2 | 6 | 82 | ¥ 7,500 |
| JJH061 | 6.1 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH062 | 6.2 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH063 | 6.3 | 53 | 2 | 8 | 91 | ¥ 9,270 |

スーパーシリーズ

ラフィング

スクエア

ボール

ラジアス

アルミ

高硬度

その他

ドリル

超硬高速ドリル (5D)

Carbide High Speed Drill (5xH) - 2 Flutes

JJ



スーパーシリーズ

ラジアンダ

スクエア

ボール

ラジマス

アルミ

高硬度

その他

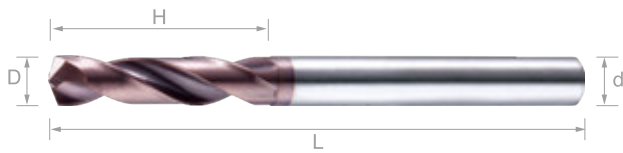
ドリル

| 型番 (Number) | 刃径 (D) | 刃長 (H) | 刃数 (T) | シャンク径 (d) | 全長 (L) | ユーザー様価格 (Price) |
|----------------|-----------|-----------|-----------|--------------|-----------|--------------------|
| JJH064 | 6.4 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH065 | 6.5 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH066 | 6.6 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH067 | 6.7 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH068 | 6.8 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH069 | 6.9 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH070 | 7.0 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH071 | 7.1 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH072 | 7.2 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH073 | 7.3 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH074 | 7.4 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH075 | 7.5 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH076 | 7.6 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH077 | 7.7 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH078 | 7.8 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH079 | 7.9 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH080 | 8.0 | 53 | 2 | 8 | 91 | ¥ 9,270 |
| JJH081 | 8.1 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH082 | 8.2 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH083 | 8.3 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH084 | 8.4 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH085 | 8.5 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH086 | 8.6 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH087 | 8.7 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH088 | 8.8 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH089 | 8.9 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH090 | 9.0 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH091 | 9.1 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH092 | 9.2 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH093 | 9.3 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH094 | 9.4 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH095 | 9.5 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH096 | 9.6 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH097 | 9.7 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH098 | 9.8 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH099 | 9.9 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| JJH100 | 10.0 | 61 | 2 | 10 | 103 | ¥ 11,700 |
| | | | | | | |
| | | | | | | |
| | | | | | | |



超硬高速ドリル(5D)

Carbide High Speed Drill (5xH) - 2 Flutes



5xD

UMG
CARBIDE

30°

140°

HRC
35

S-F



スーパーシリーズ

ラフィング

スクエア

ボール

ラジアス

アルミ

高硬度

その他

ドリル

| 型番 (Number) | 刃径 (D) | 刃長 (H) | 刃数 (T) | シャンク径 (d) | 全長 (L) | ユーザー様価格 (Price) |
|----------------|-----------|-----------|-----------|--------------|-----------|--------------------|
| JJH101 | 10.1 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH102 | 10.2 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH103 | 10.3 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH104 | 10.4 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH105 | 10.5 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH106 | 10.6 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH107 | 10.7 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH108 | 10.8 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH109 | 10.9 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH110 | 11.0 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH111 | 11.1 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH112 | 11.2 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH113 | 11.3 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH114 | 11.4 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH115 | 11.5 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH116 | 11.6 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH117 | 11.7 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH118 | 11.8 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH119 | 11.9 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH120 | 12.0 | 71 | 2 | 12 | 118 | ¥ 15,820 |
| JJH125 | 12.5 | 77 | 2 | 14 | 124 | ¥ 29,060 |
| JJH130 | 13.0 | 77 | 2 | 14 | 124 | ¥ 29,060 |
| JJH135 | 13.5 | 77 | 2 | 14 | 124 | ¥ 29,060 |
| JJH140 | 14.0 | 77 | 2 | 14 | 124 | ¥ 29,060 |
| JJH145 | 14.5 | 83 | 2 | 16 | 133 | ¥ 33,910 |
| JJH150 | 15.0 | 83 | 2 | 16 | 133 | ¥ 33,910 |
| JJH155 | 15.5 | 83 | 2 | 16 | 133 | ¥ 33,910 |
| JJH160 | 16.0 | 83 | 2 | 16 | 133 | ¥ 33,910 |

JJL / JJH 3D・5D

| 被削材 Work Material | 軟鋼・低炭素鋼・合金鋼 Mild Steel Low Carbon Steel Alloy Steel | | 炭素鋼 Carbon Steel S35C・S50C | | ステンレス SUS | | 合金鋼 Alloy Steel SCM・SCr・ SNCM | | 鋳鉄 Cast Iron FC250 | | ダクタイル鋳鉄 Ductile Cast Iron FCD450 FCD600 | |
|-------------------------|--|------------------------------|---------------------------------------|------------------------------|---------------------------------------|------------------------------|--|------------------------------|---------------------------------------|------------------------------|--|------------------------------|
| 切削速度 Cutting Speed | 70~110 m/min | | 60~110 m/min | | 50~70 m/min | | 50~80 m/min | | 60~110 m/min | | 50~90 m/min | |
| 直径 Drill Dia | 回転速度 Speed (min ⁻¹) | 送り量 Feed Fate (mm/rev) | 回転速度 Speed (min ⁻¹) | 送り量 Feed Fate (mm/rev) | 回転速度 Speed (min ⁻¹) | 送り量 Feed Fate (mm/rev) | 回転速度 Speed (min ⁻¹) | 送り量 Feed Fate (mm/rev) | 回転速度 Speed (min ⁻¹) | 送り量 Feed Fate (mm/rev) | 回転速度 Speed (min ⁻¹) | 送り量 Feed Fate (mm/rev) |
| 2 | 12,000 | 0.06~0.08 | 10,400 | 0.06~0.08 | 9,550 | 0.05~0.08 | 8,800 | 0.06~0.08 | 10,400 | 0.06~0.08 | 9,600 | 0.06~0.08 |
| 4 | 8,000 | 0.08~0.16 | 7,200 | 0.08~0.16 | 4,700 | 0.05~0.08 | 5,600 | 0.08~0.16 | 7,200 | 0.08~0.16 | 6,000 | 0.08~0.16 |
| 6 | 5,300 | 0.12~0.24 | 4,800 | 0.12~0.24 | 3,180 | 0.05~0.08 | 3,700 | 0.12~0.24 | 4,800 | 0.12~0.24 | 4,000 | 0.12~0.24 |
| 8 | 4,000 | 0.16~0.28 | 3,600 | 0.16~0.28 | 2,380 | 0.08~0.12 | 2,800 | 0.16~0.28 | 3,600 | 0.16~0.28 | 3,000 | 0.16~0.28 |
| 10 | 3,200 | 0.2~0.3 | 2,900 | 0.2~0.3 | 1,910 | 0.08~0.12 | 2,200 | 0.2~0.3 | 2,900 | 0.2~0.3 | 2,400 | 0.2~0.3 |
| 12 | 2,700 | 0.21~0.3 | 2,400 | 0.21~0.3 | 1,500 | 0.08~0.12 | 1,900 | 0.21~0.3 | 2,400 | 0.21~0.3 | 2,000 | 0.21~0.3 |
| 14 | 2300 | 0.22~0.35 | 2,050 | 0.22~0.35 | 1,300 | 0.08~0.12 | 1,400 | 0.22~0.35 | 2,050 | 0.22~0.35 | 1,700 | 0.22~0.35 |
| 16 | 2,000 | 0.25~0.36 | 1,800 | 0.25~0.36 | 1,200 | 0.08~0.12 | 1,200 | 0.25~0.36 | 1,800 | 0.25~0.36 | 1,500 | 0.25~0.36 |
| 18 | 1,800 | 0.028~0.38 | 1,600 | 0.028~0.38 | 1,060 | 0.08~0.12 | 1,050 | 0.028~0.38 | 1,600 | 0.028~0.38 | 1,350 | 0.028~0.38 |
| 20 | 1,600 | 0.3~0.4 | 1,450 | 0.3~0.4 | 950 | 0.08~0.12 | 950 | 0.3~0.4 | 1,450 | 0.3~0.4 | 1,200 | 0.3~0.4 |

スーパーシリーズ

ラファインダ

スクエア

ボール

ラジアス

アルミ

高硬度

その他

ドリル