

4SE

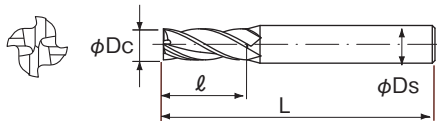
スーパーハード 4枚刃
SUPER HARD End Mills Four Flutes

- 鋼からステンレス鋼、アルミまで加工できる汎用エンドミルです。側面加工に適しています。

This is general end mill for side milling.



HSS Co N h7 2.5 50
 工具材料 ねじれ角 シャンク径公差 外径範囲



LIST 6210

オーダ方法

4SE 外径

切削条件 Milling Condition ▶▶B-275

単位 (Unit) : mm / 円 (¥)

| 外径 Dc | 刃長 ℓ | 全長 L | シャンク径 Ds | 在庫 Stock | 参考価格 Price |
|-------|------|------|----------|----------|------------|
| 2.5 | 7 | 50 | 6 | ● | 2,360 |
| 3 | 9 | 50 | 6 | ● | 2,080 |
| 3.5 | 12 | 60 | 8 | ● | 2,080 |
| 4 | 12 | 60 | 8 | ● | 2,080 |
| 4.5 | 15 | 60 | 8 | ● | 2,080 |
| 5 | 15 | 60 | 8 | ● | 2,080 |
| 5.5 | 15 | 60 | 8 | ● | 2,080 |
| 6 | 15 | 60 | 8 | ● | 2,080 |
| 6.5 | 20 | 65 | 10 | ● | 2,270 |
| 7 | 20 | 65 | 10 | ● | 2,270 |
| 7.5 | 20 | 65 | 10 | ● | 2,270 |
| 8 | 20 | 65 | 10 | ● | 2,270 |
| 8.5 | 25 | 75 | 10 | ● | 2,640 |
| 9 | 25 | 75 | 10 | ● | 2,640 |
| 9.5 | 25 | 75 | 10 | ● | 2,640 |
| 10 | 25 | 75 | 10 | ● | 2,640 |
| 11 | 30 | 80 | 12 | ● | 3,400 |
| 12 | 30 | 80 | 12 | ● | 3,400 |
| 13 | 35 | 90 | 16 | ● | 4,220 |
| 14 | 35 | 90 | 16 | ● | 4,220 |
| 15 | 40 | 95 | 16 | ● | 4,700 |
| 16 | 40 | 95 | 16 | ● | 5,080 |
| 17 | 40 | 105 | 20 | ● | 6,070 |
| 18 | 40 | 105 | 20 | ● | 6,070 |
| 19 | 45 | 110 | 20 | ● | 7,310 |
| 20 | 45 | 110 | 20 | ● | 7,310 |
| 20.5 | 45 | 110 | 20 | □ | - |
| 21 | 45 | 110 | 20 | ● | 8,830 |
| 21.5 | 45 | 110 | 20 | □ | - |
| 22 | 45 | 110 | 20 | ● | 8,830 |
| 22.5 | 50 | 120 | 25 | □ | - |
| 23 | 50 | 120 | 25 | ● | 10,300 |
| 23.5 | 50 | 120 | 25 | □ | - |
| 24 | 50 | 120 | 25 | ● | 10,300 |
| 24.5 | 50 | 120 | 25 | □ | - |
| 25 | 50 | 120 | 25 | ● | 10,300 |
| 25.5 | 50 | 120 | 25 | □ | - |
| 26 | 50 | 120 | 25 | ● | 10,900 |
| 27 | 55 | 125 | 25 | ● | 13,000 |
| 28 | 55 | 125 | 25 | ● | 13,000 |
| 29 | 55 | 125 | 25 | ● | 15,800 |
| 30 | 55 | 125 | 25 | ● | 15,800 |
| 31 | 60 | 145 | 32 | ● | 19,200 |
| 32 | 60 | 145 | 32 | ● | 19,200 |
| 33 | 60 | 145 | 32 | ● | 22,700 |
| 34 | 60 | 145 | 32 | ● | 22,700 |
| 35 | 60 | 145 | 32 | ● | 22,700 |
| 36 | 60 | 145 | 32 | ● | 25,800 |

4RSE

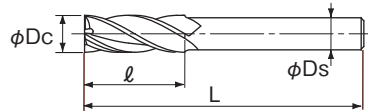
スーパーハード レギュラシャンク 4枚刃
SUPER HARD End Mills Regular Shank Four Flutes

- 汎用エンドミルです。
- 側面加工に適しています

This is general end mill for side milling.



HSS Co N h7 4 18
 工具材料 ねじれ角 シャンク径公差 外径範囲



LIST 6202

オーダ方法

4RSE 外径

切削条件 Milling Condition ▶▶B-275

単位 (Unit) : mm / 円 (¥)

| 外径 Dc | 刃長 ℓ | 全長 L | シャンク径 Ds | 在庫 Stock | 参考価格 Price |
|-------|------|------|----------|----------|------------|
| 4 | 12 | 45 | 6 | ● | 2,080 |
| 5 | 15 | 50 | 6 | ● | 2,080 |
| 6 | 15 | 50 | 6 | ● | 2,080 |
| 7 | 20 | 60 | 8 | ● | 2,270 |
| 8 | 20 | 60 | 8 | ● | 2,270 |
| 9 | 25 | 70 | 10 | ● | 2,640 |
| 10 | 25 | 70 | 10 | ● | 2,640 |
| 13 | 35 | 85 | 12 | ● | 4,220 |
| 14 | 35 | 85 | 12 | ● | 4,220 |
| 17 | 40 | 95 | 16 | ● | 6,070 |
| 18 | 40 | 95 | 16 | ● | 6,070 |

| 外径 Dc | 刃長 ℓ | 全長 L | シャンク径 Ds | 在庫 Stock | 参考価格 Price |
|-------|------|------|----------|----------|------------|
| 37 | 65 | 150 | 32 | ● | 27,700 |
| 38 | 65 | 150 | 32 | ● | 27,700 |
| 39 | 65 | 150 | 32 | ● | 32,200 |
| 40 | 65 | 150 | 32 | ● | 32,200 |
| 42 | 65 | 150 | 32 | ● | 36,600 |
| * 42 | 65 | 155 | 42 | ● | 36,600 |
| 45 | 70 | 155 | 32 | ● | 45,400 |
| * 45 | 70 | 160 | 42 | ● | 45,400 |
| 48 | 70 | 155 | 32 | ● | 48,400 |
| * 48 | 70 | 160 | 42 | ● | 48,400 |
| 50 | 70 | 155 | 32 | ● | 54,500 |
| * 50 | 70 | 160 | 42 | ● | 54,500 |

*印商品のオーダ方法 4SE 外径 × シャンク径

□は特定代理店在庫品です。

Available for Japan customers only.

| 外径 (mm) Dc | | 許容差 (mm) Tolerance |
|------------|----------|--------------------|
| を超え Above | 以下 Up to | |
| 10 | 30 | +0.020 ~ 0 |
| 30 | | +0.025 ~ 0 |
| | | +0.030 ~ 0 |