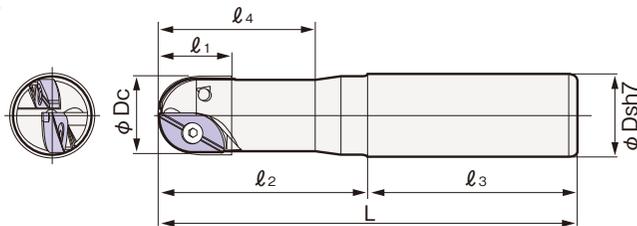


### ●金型鋼など幅広い材料の高速粗加工に適応します。

This end mill is adaptable for high speed roughing of a wide variety of work materials.



### ●ホルダ Holder

LIST 9328

オーダ方法 **呼び**

単位 (Unit) : mm / 円 (¥)

| 呼び Code     | ボール半径 R | 寸法 Dimension(mm) |    |                |                |                |                |        | 適用チップ Applicable Insert          | 在庫 Stock | 参考価格 Price |
|-------------|---------|------------------|----|----------------|----------------|----------------|----------------|--------|----------------------------------|----------|------------|
|             |         | Dc               | Ds | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | L      |                                  |          |            |
| XSWBMR2200S | 10      | 20               | 25 | 20             | 60             | 80             | 40             | 140    | ZNMT1804100-CN<br>ZNMT2004100-SN | 32,300   |            |
| XSWBMR2200M |         |                  |    |                | 140            | 200            |                | 36,900 |                                  |          |            |
| XSWBMR2200L |         |                  |    |                | 80             | 170            |                | 250    |                                  | 41,400   |            |
| XSWBMR2250S | 12.5    | 25               | 32 | 23             | 70             | 80             | 50             | 150    | ZNMT2205125-CN<br>ZNMT2305125-SN | 34,400   |            |
| XSWBMR2250M |         |                  |    |                | 73             | 147            |                | 220    |                                  | 39,800   |            |
| XSWBMR2250L |         |                  |    |                | 100            | 200            |                | 300    |                                  | 45,100   |            |
| XSWBMR2300S | 15      | 30               | 32 | 28             | 80             | 80             | 60             | 160    | ZNMT2706150-CN<br>ZNMT2806150-SN | 35,400   |            |
| XSWBMR2300M |         |                  |    |                | 85             | 155            |                | 240    |                                  | 41,100   |            |
| XSWBMR2300L |         |                  |    |                | 120            | 230            |                | 350    |                                  | 46,800   |            |

### ●チップ Inserts

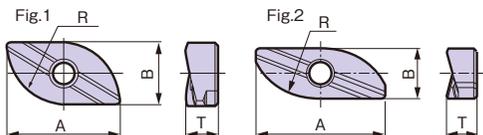
LIST 9328

オーダ方法 **呼び** **材種**



コーティング 工具材料

単位 (Unit) : mm / 円 (¥) / 個 (pc)



| 呼び Code        | 材種 Material |        | 寸法 Dimension(mm) |       |      |      | 形状 Figure | 適用ホルダ Applicable Holder | 在庫 Stock | 参考価格 Price |
|----------------|-------------|--------|------------------|-------|------|------|-----------|-------------------------|----------|------------|
|                |             |        | A                | B     | T    | R    |           |                         |          |            |
| ZNMT1804100-CN | XSZ350      | XSZ310 | 18.00            | 9.76  | 4.76 | 10.0 | Fig. 1    | XSWBMR2200              | ●        | 2,230      |
| ZNMT2004100-SN | XSZ350      | XSZ310 | 20.00            | 7.50  | 4.37 | 10.0 | Fig. 2    | XSWBMR2200              | ●        | 2,000      |
| ZNMT2205125-CN | XSZ350      | XSZ310 | 22.50            | 12.20 | 5.70 | 12.5 | Fig. 1    | XSWBMR2250              | ●        | 2,540      |
| ZNMT2305125-SN | XSZ350      | XSZ310 | 23.00            | 9.38  | 5.56 | 12.5 | Fig. 2    | XSWBMR2250              | ●        | 2,390      |
| ZNMT2706150-CN | XSZ350      | XSZ310 | 27.00            | 14.64 | 6.75 | 15.0 | Fig. 1    | XSWBMR2300              | ●        | 3,230      |
| ZNMT2806150-SN | XSZ350      | XSZ310 | 28.00            | 11.25 | 6.35 | 15.0 | Fig. 2    | XSWBMR2300              | ●        | 3,000      |

チップは Fig.1 と Fig.2 の組合せで使用します。  
Inserts is used in the combination of Fig.1 and Fig.2.

| 材種     | 適用  |
|--------|-----|
| XSZ350 | 鋳用  |
| XSZ310 | 鍛鉄用 |

### ●パーツ Parts

オーダ方法 **呼び**

| 呼び Code   | 皿ねじ Screw | スパナ Wrench | スパナ Wrench | 推奨締め付けトルク N・m | 適用ホルダ Applicable Holder |
|-----------|-----------|------------|------------|---------------|-------------------------|
|           | BFTX0307N | TRX10      | —          |               |                         |
| BFTX0409N | —         | —          | TRD15      | 3.0           | XSWBMR2250              |
| BFTX0511N | —         | —          | TRD20      | 5.0           | XSWBMR2300              |

ホルダにチップは組み込んでありません。 Inserts are not included with in holder. チップは 1 ケース 10 個入りです。 Packed quantity: 10Pcs. ホルダに焼付防止剤 SUMI-P が付属しています。 ANTI-SEIZURE LUBRICANT is included in holder.

