

# IA4004 鎢鋼圓溝圓鼻銑刀 40°-4刃

## Carbide Corner Radius End Mills(U-Flute Shape) 40°-4Flutes

|    | 碳素鋼<br>Carbon Steel | 合金鋼<br>Alloy Steel | 模具鋼<br>Mold Steel | 調質鋼<br>Refining Steel | 淬火鋼<br>Quenching Hardening Steel |           |           |    | 鑄鋼<br>Cast Steel | 鑄鐵<br>Cast Iron | 黃銅<br>Brass | 青銅<br>Bronze | 紅銅<br>Copper | 鋁合金<br>Aluminum Alloy | 不銹鋼<br>Stainless Steel |     |     | 鈦合金<br>Titanium Alloy | 鎳基合金<br>Nickel Alloy |
|----|---------------------|--------------------|-------------------|-----------------------|----------------------------------|-----------|-----------|----|------------------|-----------------|-------------|--------------|--------------|-----------------------|------------------------|-----|-----|-----------------------|----------------------|
|    | S_C                 | SCM                | SKD               | HRC 20~30             | HRC 30~40                        | HRC 40~50 | HRC 50~60 | SC | FC               | FCD             | BS          | PB           | CU           | AL                    | 300                    | 400 | 600 | TI                    |                      |
| A版 | ◎                   | ○                  | ○                 | ◎                     | ○                                |           |           | ○  | ◎                | ○               |             |              |              |                       |                        | ○   | ○   |                       |                      |
| B版 | ◎                   | ○                  | ○                 | ◎                     | ○                                | ○         |           | ○  | ◎                | ◎               |             |              |              |                       | ○                      | ○   | ○   | ○                     |                      |

○ 適用 ◎ 專用

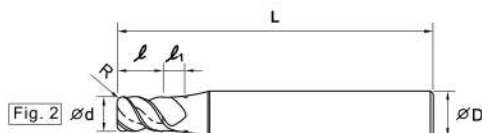
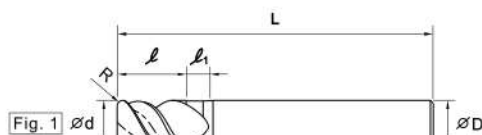
特性：

- ◆ 刀尖R角切削設計，使刀尖不易因加工而崩裂，強化了刀具本身的鋼性與穩定性。
- ◆ 強力圓弧溝設計，排屑順暢、不易黏屑、精度高、適合高速加工重切削等加工方式。
- ◆ 藉由不同鍍膜的優良特性，增長刀具壽命與耐磨性。
- ◆ 搭配不同的材質選擇，提供客戶不同的加工需求。

### A 版



### B 版



## IA4004B X 2.5D

單位:mm(Unit:mm)

| 刀具料號<br>Model No. | 刀徑<br>d<br>Diameter | R角<br>R<br>Radius | 刃長<br>l<br>Flute Length | 頸長<br>l1<br>Neck Length | 全長<br>L<br>Overall Length | 柄徑<br>D<br>Shank Diameter | 形狀<br>Figure | 在庫 |
|-------------------|---------------------|-------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------|----|
| IA4004BB3002A     | 3                   | 0.2R              | 7.5                     | 2                       | 50                        | 4                         | Fig. 2       | ●  |
| IA4004BB3002B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BB3005A     | 3                   | 0.5R              | 7.5                     | 2                       | 50                        | 4                         | Fig. 2       | ●  |
| IA4004BB3005B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BB3010A     | 3                   | 1R                | 7.5                     | 2                       | 50                        | 4                         | Fig. 2       | ●  |
| IA4004BB3010B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BB4002A     | 4                   | 0.2R              | 10                      | -                       | 50                        | 4                         | Fig. 1       | ●  |
| IA4004BB4002B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BB4005A     | 4                   | 0.5R              | 10                      | -                       | 50                        | 4                         | Fig. 1       | ●  |
| IA4004BB4005B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BB4010A     | 4                   | 1R                | 10                      | -                       | 50                        | 4                         | Fig. 1       | ●  |
| IA4004BB4010B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC3002A     | 3                   | 0.2R              | 7.5                     | 2                       | 50                        | 6                         | Fig. 2       | ●  |
| IA4004BC3002B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC3005A     | 3                   | 0.5R              | 7.5                     | 2                       | 50                        | 6                         | Fig. 2       | ●  |
| IA4004BC3005B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC3010A     | 3                   | 1R                | 7.5                     | 2                       | 50                        | 6                         | Fig. 2       | ●  |
| IA4004BC3010B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC4002A     | 4                   | 0.2R              | 10                      | 2.5                     | 50                        | 6                         | Fig. 2       | ●  |
| IA4004BC4002B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC4005A     | 4                   | 0.5R              | 10                      | 2.5                     | 50                        | 6                         | Fig. 2       | ●  |
| IA4004BC4005B     |                     |                   |                         |                         |                           |                           |              | ○  |

刀具料號末碼為A / B版

○: 接單生產品

●: 在庫品

▲: 訂製品

# IA4004 鎢鋼圓溝圓鼻銑刀 40°-4刃 Carbide Corner Radius End Mills(U-Flute Shape) 40°-4Flutes

## IA4004B X 2.5D

單位:mm(Unit:mm)

| 刀具料號<br>Model No. | 刃徑<br>d<br>Diameter | R角<br>R<br>Radius | 刃長<br>ℓ<br>Flute Length | 頸長<br>ℓ1<br>Neck Length | 全長<br>L<br>Overall Length | 柄徑<br>D<br>Shank Diameter | 形狀<br>Figure | 在庫 |
|-------------------|---------------------|-------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------|----|
| IA4004BC4010A     | 4                   | 1R                | 10                      | 2.5                     | 50                        | 6                         | Fig. 2       | ●  |
| IA4004BC4010B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC6002A     | 6                   | 0.2R              | 15                      | -                       | 50                        | 6                         | Fig. 1       | ●  |
| IA4004BC6002B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC6005A     | 6                   | 0.5R              | 15                      | -                       | 50                        | 6                         | Fig. 1       | ●  |
| IA4004BC6005B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BC6010A     | 6                   | 1R                | 15                      | -                       | 50                        | 6                         | Fig. 1       | ●  |
| IA4004BC6010B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BD8002A     | 8                   | 0.2R              | 20                      | -                       | 60                        | 8                         | Fig. 1       | ●  |
| IA4004BD8002B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BD8005A     | 8                   | 0.5R              | 20                      | -                       | 60                        | 8                         | Fig. 1       | ●  |
| IA4004BD8005B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BD8010A     | 8                   | 1R                | 20                      | -                       | 60                        | 8                         | Fig. 1       | ●  |
| IA4004BD8010B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BD8015A     | 8                   | 1.5R              | 20                      | -                       | 60                        | 8                         | Fig. 1       | ●  |
| IA4004BD8015B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BE1005A     | 10                  | 0.5R              | 25                      | -                       | 75                        | 10                        | Fig. 1       | ●  |
| IA4004BE1005B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BE1010A     | 10                  | 1R                | 25                      | -                       | 75                        | 10                        | Fig. 1       | ●  |
| IA4004BE1010B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BE1015A     | 10                  | 1.5R              | 25                      | -                       | 75                        | 10                        | Fig. 1       | ●  |
| IA4004BE1015B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BE1020A     | 10                  | 2R                | 25                      | -                       | 75                        | 10                        | Fig. 1       | ●  |
| IA4004BE1020B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BF1205A     | 12                  | 0.5R              | 30                      | -                       | 75                        | 12                        | Fig. 1       | ●  |
| IA4004BF1205B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BF1210A     | 12                  | 1R                | 30                      | -                       | 75                        | 12                        | Fig. 1       | ●  |
| IA4004BF1210B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BF1215A     | 12                  | 1.5R              | 30                      | -                       | 75                        | 12                        | Fig. 1       | ●  |
| IA4004BF1215B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BF1220A     | 12                  | 2R                | 30                      | -                       | 75                        | 12                        | Fig. 1       | ●  |
| IA4004BF1220B     |                     |                   |                         |                         |                           |                           |              | ○  |
| IA4004BF1230A     | 12                  | 3R                | 30                      | -                       | 75                        | 12                        | Fig. 1       | ●  |
| IA4004BF1230B     |                     |                   |                         |                         |                           |                           |              | ○  |

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