

G-LIST No. | EW1046

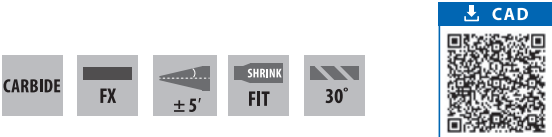
FXコート2刃 ショート  
FX Coated・2 Flutes・Short

FX-MG-TPDS

切削条件 Cutting Conditions | P605



FXコーティングにより高効率、長寿命を実現しました。一般材から焼き入れ鋼まで幅広い対応が可能です。  
FX coating improves productivity and tool life. Applicable for materials such as general and quenched steels.



| (単位:mm) (Unit:mm)  |                      |          |            |            |            |             |           |               |  |
|--------------------|----------------------|----------|------------|------------|------------|-------------|-----------|---------------|--|
| ツール No.<br>EDP No. | 外径×刃部テーパー半角<br>DC×θc | 全長<br>LF | 刃長<br>APMX | 刃径<br>DCON | 大端径<br>DCX | 在庫<br>Stock | 重量<br>(g) | 標準価格<br>(Yen) |  |
|                    | 0.2 × 0.25°          | 0.8      | 0.8        | 0.8        | 0.21       | —           | —         | —             |  |
| 8536802            | 0.2 × 0.5°           |          |            |            | 0.21       | D           | 6         | 19,000        |  |
|                    | 0.2 × 0.75°          |          |            |            | 0.22       | —           | —         | —             |  |
| 8536812            | 0.2 × 1°             |          |            |            | 0.23       | △           | 7         | 19,000        |  |
| 8536822            | 0.2 × 1.5°           |          |            |            | 0.24       | △           | 6         | 19,000        |  |
| 8536832            | 0.2 × 2°             |          |            |            | 0.26       | △           | 6         | 19,000        |  |
| 8536842            | 0.2 × 2.5°           |          |            |            | 0.27       | D           | 6         | 19,000        |  |
| 8536852            | 0.2 × 3°             |          |            |            | 0.28       | △           | 6         | 19,000        |  |
| 8536862            | 0.2 × 4°             |          |            |            | 0.31       | △           | 6         | 20,100        |  |
| 8536892            | 0.2 × 7°             |          |            |            | 0.4        | △           | 9         | 24,300        |  |
|                    | 0.3 × 0.25°          | 1.2      | 1.2        | 1.2        | 0.31       | —           | —         | —             |  |
| 8536803            | 0.3 × 0.5°           |          |            |            | 0.32       | D           | 6         | 16,000        |  |
|                    | 0.3 × 0.75°          |          |            |            | 0.33       | —           | —         | —             |  |
| 8536813            | 0.3 × 1°             |          |            |            | 0.34       | △           | 9         | 16,000        |  |
| 8536823            | 0.3 × 1.5°           |          |            |            | 0.36       | △           | 6         | 16,000        |  |
| 8536833            | 0.3 × 2°             |          |            |            | 0.38       | △           | 6         | 16,000        |  |
| 8536843            | 0.3 × 2.5°           |          |            |            | 0.4        | △           | 6         | 16,000        |  |
| 8536853            | 0.3 × 3°             |          |            |            | 0.43       | D           | 6         | 16,000        |  |
| 8536863            | 0.3 × 4°             |          |            |            | 0.47       | △           | 6         | 17,300        |  |
| 8536883            | 0.3 × 5°             |          |            |            | 0.51       | △           | 9         | 18,200        |  |
| 8536893            | 0.3 × 7°             |          |            |            | 0.59       | △           | 9         | 20,400        |  |
| 8536913            | 0.3 × 10°            |          |            |            | 0.72       | △           | 9         | 22,900        |  |
|                    | 0.4 × 0.25°          | 1.6      | 1.6        | 1.6        | 0.41       | —           | —         | —             |  |
| 8536804            | 0.4 × 0.5°           |          |            |            | 0.43       | D           | 6         | 16,000        |  |
|                    | 0.4 × 0.75°          |          |            |            | 0.44       | —           | —         | —             |  |
| 8536814            | 0.4 × 1°             |          |            |            | 0.46       | △           | 6         | 16,000        |  |
| 8536824            | 0.4 × 1.5°           |          |            |            | 0.48       | △           | 6         | 16,000        |  |
| 8536834            | 0.4 × 2°             |          |            |            | 0.51       | △           | 6         | 16,000        |  |
| 8536844            | 0.4 × 2.5°           |          |            |            | 0.54       | △           | 6         | 16,000        |  |
| 8536854            | 0.4 × 3°             |          |            |            | 0.57       | D           | 6         | 16,000        |  |
| 8536864            | 0.4 × 4°             |          |            |            | 0.62       | △           | 6         | 17,300        |  |
| 8536884            | 0.4 × 5°             |          |            |            | 0.68       | △           | 9         | 18,200        |  |
| 8536894            | 0.4 × 7°             |          |            |            | 0.79       | △           | 9         | 20,400        |  |
| 8536914            | 0.4 × 10°            |          |            |            | 0.96       | △           | 9         | 22,900        |  |
|                    | 0.5 × 0.25°          | 2        | 2          | 2          | 0.52       | —           | —         | —             |  |
| 8536805            | 0.5 × 0.5°           |          |            |            | 0.53       | D           | 6         | 16,000        |  |
|                    | 0.5 × 0.75°          |          |            |            | 0.55       | —           | —         | —             |  |
| 8536815            | 0.5 × 1°             |          |            |            | 0.57       | ●           | 9         | 16,000        |  |
| 8536825            | 0.5 × 1.5°           |          |            |            | 0.6        | ●           | 6         | 16,000        |  |
| 8536835            | 0.5 × 2°             |          |            |            | 0.64       | ●           | 6         | 16,000        |  |
| 8536845            | 0.5 × 2.5°           |          |            |            | 0.67       | △           | 6         | 16,000        |  |
| 8536855            | 0.5 × 3°             |          |            |            | 0.71       | ●           | 6         | 16,000        |  |
| 8536865            | 0.5 × 4°             |          |            |            | 0.78       | D           | 6         | 17,300        |  |
| 8536885            | 0.5 × 5°             |          |            |            | 0.85       | ●           | 9         | 18,200        |  |
| 8536035            | 0.5 × 6°             |          |            |            | 0.92       | △           | 7         | 19,300        |  |
| 8536895            | 0.5 × 7°             |          |            |            | 0.99       | ●           | 9         | 20,400        |  |
| 8536915            | 0.5 × 10°            |          |            |            | 1.21       | ●           | 9         | 22,900        |  |

| (単位:mm) (Unit:mm)  |                      |          |            |            |            |             |           |               |        |        |  |
|--------------------|----------------------|----------|------------|------------|------------|-------------|-----------|---------------|--------|--------|--|
| ツール No.<br>EDP No. | 外径×刃部テーパー半角<br>DC×θc | 全長<br>LF | 刃長<br>APMX | 刃径<br>DCON | 大端径<br>DCX | 在庫<br>Stock | 重量<br>(g) | 標準価格<br>(Yen) |        |        |  |
| 8536935            | 0.5 × 12°            | 40       | 2          | 3          | 1.35       | ●           | 9         | 23,500        |        |        |  |
| 8536955            | 0.5 × 15°            | 45       |            |            | D          | 1.57        | ●         | 7             | 24,300 |        |  |
| 8536165            | 0.5 × 20°            |          |            | 4          |            | 1.96        | ●         | 10            | 26,800 |        |  |
|                    | 0.6 × 0.25°          | 0.62     |            |            | □          | —           | —         |               |        |        |  |
| 8536806            | 0.6 × 0.5°           | D        |            | 0.63       | △          | 6           | 15,000    |               |        |        |  |
|                    | 0.6 × 0.75°          |          |            | 0.65       | □          | —           | —         |               |        |        |  |
| 8536816            | 0.6 × 1°             | 40       |            | 3          | 0.67       | △           | 9         | 15,000        |        |        |  |
| 8536826            | 0.6 × 1.5°           |          |            |            | 0.7        | △           | 6         | 15,000        |        |        |  |
| 8536836            | 0.6 × 2°             |          |            |            | 0.74       | △           | 6         | 15,000        |        |        |  |
| 8536846            | 0.6 × 2.5°           |          |            |            | 0.77       | △           | 6         | 15,000        |        |        |  |
| 8536856            | 0.6 × 3°             |          |            |            | 0.81       | △           | 6         | 15,000        |        |        |  |
| 8536866            | 0.6 × 4°             |          |            |            | 0.88       | D           | △         | 6             | 16,400 |        |  |
| 8536036            | 0.6 × 6°             |          |            |            | 1.02       | △           | 7         | 19,000        |        |        |  |
| 8536896            | 0.6 × 7°             |          |            |            | 1.09       | △           | 9         | 20,400        |        |        |  |
| 8536936            | 0.6 × 12°            |          |            |            | 1.45       | △           | 9         | 22,400        |        |        |  |
| 8536956            | 0.6 × 15°            |          |            |            | 1.67       | △           | 7         | 23,300        |        |        |  |
| 8536166            | 0.6 × 20°            | 45       | 2          | 4          | 2.06       | △           | 10        | 24,300        |        |        |  |
|                    | 0.7 × 0.25°          | 0.72     |            |            | □          | —           | —         |               |        |        |  |
| 8536807            | 0.7 × 0.5°           | 40       |            | 3          | D          | 0.73        | △         | 6             | 15,000 |        |  |
|                    | 0.7 × 0.75°          |          |            |            |            | 0.75        | □         | —             | —      |        |  |
| 8536817            | 0.7 × 1°             |          |            |            | 0.77       | △           | 6         | 15,000        |        |        |  |
| 8536827            | 0.7 × 1.5°           |          |            |            | 0.8        | △           | 6         | 15,000        |        |        |  |
| 8536837            | 0.7 × 2°             |          |            |            | 0.84       | △           | 6         | 15,000        |        |        |  |
| 8536847            | 0.7 × 2.5°           |          |            |            | 0.87       | △           | 6         | 15,000        |        |        |  |
| 8536857            | 0.7 × 3°             |          |            |            | 0.91       | △           | 6         | 15,000        |        |        |  |
| 8536867            | 0.7 × 4°             |          |            |            | 0.98       | D           | △         | 6             | 16,400 |        |  |
| 8536887            | 0.7 × 5°             |          |            |            | 1.05       | △           | 9         | 17,700        |        |        |  |
| 8536037            | 0.7 × 6°             |          |            |            | 1.12       | △           | 7         | 19,000        |        |        |  |
| 8536897            | 0.7 × 7°             | 1.19     |            | △          | 9          | 20,400      |           |               |        |        |  |
| 8536937            | 0.7 × 12°            | 1.55     |            | △          | 9          | 22,400      |           |               |        |        |  |
| 8536957            | 0.7 × 15°            | 1.77     |            | △          | 7          | 23,300      |           |               |        |        |  |
| 8536167            | 0.7 × 20°            | 45       |            | 2          | 4          | 2.16        | △         | 14            | 24,300 |        |  |
|                    | 0.8 × 0.25°          | 0.83     | □          |            |            | —           | —         |               |        |        |  |
| 8536808            | 0.8 × 0.5°           | 3        | 2          |            | D          | 0.83        | ●         | 6             | 15,000 |        |  |
|                    | 0.8 × 0.75°          | 3        |            |            |            | 0.88        | □         | —             | —      |        |  |
| 8536818            | 0.8 × 1°             | 40       | 2          |            | 3          | 0.87        | ●         | 6             | 15,000 |        |  |
| 8536828            | 0.8 × 1.5°           |          |            |            |            | 0.9         | ●         | 6             | 15,000 |        |  |
| 8536838            | 0.8 × 2°             |          |            |            |            | 0.94        | ●         | 6             | 15,000 |        |  |
| 8536848            | 0.8 × 2.5°           |          |            |            |            | 1.06        | △         | 6             | 15,000 |        |  |
| 8536858            | 0.8 × 3°             | 40       | 3          |            | 3          | 1.01        | ●         | 6             | 15,000 |        |  |
| 8536868            | 0.8 × 4°             |          |            |            |            | 1.08        | D         | △             | 6      | 16,400 |  |
| 8536888            | 0.8 × 5°             |          |            |            |            | 1.15        | ●         | 9             | 17,700 |        |  |
| 8536038            | 0.8 × 6°             |          |            |            |            | 1.22        | △         | 7             | 19,000 |        |  |
| 8536898            | 0.8 × 7°             | 40       | 2          |            | 3          | 1.29        | ●         | 9             | 20,400 |        |  |
| 8536918            | 0.8 × 10°            |          |            |            |            | 1.51        | ●         | 9             | 21,700 |        |  |
| 8536938            | 0.8 × 12°            |          |            |            |            | 1.65        | ●         | 9             | 22,400 |        |  |

在庫記号について Inventory symbols

● = 標準在庫品 Standard stock item

○ = 準標準在庫品 (在庫をご確認下さい。)

□ = 特定代理店在庫品 Stocked by specific distributors. Contact us for price & availability.

▲ = 新製品及び後継品へ切り替え生産 (在庫をご確認下さい。)

△ = 生産中止品 (在庫をご確認下さい。)

Discontinued item

## FXコート2刃 ショート

FX Coated・2 Flutes・Short

## FX-MG-TPDS

切削条件 Cutting Conditions | P605



FXコーティングにより高効率、長寿命を実現しました。一般材から焼き入れ鋼まで幅広い対応が可能です。

FX coating improves productivity and tool life. Applicable for materials such as general and quenched steels.

CARBIDE

FX

±5°

SHANK

FIT

30°

CAD

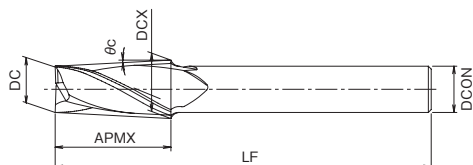


前ページより

FROM 外径 DC | 0.2~0.8

(単位:mm) (Unit:mm)

| ツール No.<br>EDP No. | 外径×刃部テーパ半角<br>DC × θ <sub>c</sub> | 全長<br>LF | 刃長<br>APMX | 刃径<br>DCON | 大径<br>DCX | 在庫<br>Stock | 重量<br>(g) | 標準価格<br>(Yen) |
|--------------------|-----------------------------------|----------|------------|------------|-----------|-------------|-----------|---------------|
| 8536958            | 0.8 × 15°                         | 40       | 2          | 3          | 1.87      | D ●         | 7         | 23,300        |
| 8536168            | 0.8 × 20°                         | 50       | 4          | 4          | 2.26      | — □         | 14        | 24,300        |
|                    | 0.9 × 0.25°                       |          | 3          |            | 0.93      | — □         | —         | —             |
| 8536809            | 0.9 × 0.5°                        |          | 2          |            | 0.93      | D △         | 6         | 15,000        |
|                    | 0.9 × 0.75°                       |          | 3          |            | 0.98      | — □         | —         | —             |
| 8536819            | 0.9 × 1°                          |          |            |            | 0.97      | △           | 6         | 15,000        |
| 8536829            | 0.9 × 1.5°                        |          | 2          |            | 1         | △           | 6         | 15,000        |
| 8536839            | 0.9 × 2°                          |          |            |            | 1.04      | △           | 6         | 15,000        |
| 8536849            | 0.9 × 2.5°                        |          | 3          |            | 1.16      | △           | 6         | 15,000        |
| 8536859            | 0.9 × 3°                          |          |            |            | 1.11      | △           | 6         | 15,000        |
| 8536869            | 0.9 × 4°                          |          |            |            | 1.18      | △           | 6         | 16,400        |
| 8536889            | 0.9 × 5°                          |          |            |            | 1.25      | D △         | 9         | 17,700        |
| 8536039            | 0.9 × 6°                          |          |            |            | 1.32      | △           | 7         | 19,000        |
| 8536899            | 0.9 × 7°                          |          | 2          |            | 1.39      | △           | 9         | 20,400        |
| 8536919            | 0.9 × 10°                         |          |            |            | 1.61      | △           | 9         | 21,700        |
| 8536939            | 0.9 × 12°                         |          |            |            | 1.75      | △           | 9         | 22,400        |
| 8536959            | 0.9 × 15°                         |          |            |            | 1.97      | △           | 7         | 23,300        |
| 8536169            | 0.9 × 20°                         |          |            |            | 2.36      | △           | 14        | 24,300        |
| 8536772            | 1 × 15°                           |          |            |            | 1.03      | △           | 10        | 14,600        |
| 8537202            | 1 × 0.5°                          |          |            |            | 1.07      | B ●         | 14        | 14,600        |
|                    | 1 × 0.75°                         |          |            |            | 1.1       | — □         | —         | —             |
| 8537252            | 1 × 1°                            |          |            |            | 1.14      | B ●         | 14        | 14,600        |
| 8537302            | 1 × 1.5°                          |          |            |            | 1.21      | B ●         | 14        | 14,600        |
| 8537352            | 1 × 2°                            |          |            |            | 1.28      | B ●         | 14        | 14,600        |
| 8537402            | 1 × 2.5°                          |          |            |            | 1.35      | D △         | 13        | 15,400        |
| 8537452            | 1 × 3°                            |          |            |            | 1.42      | △           | 14        | 15,400        |
| 8536870            | 1 × 4°                            |          | 50         | 4          | 1.56      | B △         | 14        | 15,400        |
| 8537482            | 1 × 5°                            |          |            |            | 1.7       | ●           | 14        | 18,100        |
| 8536042            | 1 × 6°                            |          |            |            | 1.84      | D △         | 14        | 18,800        |
| 8536900            | 1 × 7°                            |          |            |            | 1.98      | ●           | 14        | 19,500        |
| 8536920            | 1 × 10°                           |          |            |            | 2.41      | B ●         | 14        | 20,800        |
| 8536940            | 1 × 12°                           |          |            |            | 2.7       | ●           | 14        | 22,400        |
| 8536960            | 1 × 15°                           |          |            |            | 3.14      | ●           | 14        | 23,300        |
| 8536172            | 1 × 20°                           |          |            |            | 3.91      | D ●         | 14        | 24,300        |
| 8536773            | 1.5 × 15°                         |          | 5          |            | 1.54      | △           | 10        | 14,100        |

刃部テーパ半角早見表  
Conversion Table

|       |   |     |
|-------|---|-----|
| 0.25° | → | 15° |
| 0.75° | → | 45° |

次ページへ  
外径 DC | 2.5~6 | NEXT

| 被削材質<br>Work Material | 炭素鋼<br>Carbon Steel          | 合金鋼<br>Alloy Steel | プリハードン鋼<br>Prehardened Steel | ステンレス鋼<br>Stainless Steel | 鋳鉄<br>Cast Iron | 銅合金<br>Copper Alloy | アルミ合金<br>Aluminum Alloy | グラファイト<br>Graphite | チタン合金<br>Titanium Alloy | 耐熱合金<br>Heat Resistant Alloy | プラスチック<br>Plastic |
|-----------------------|------------------------------|--------------------|------------------------------|---------------------------|-----------------|---------------------|-------------------------|--------------------|-------------------------|------------------------------|-------------------|
| 製品記号<br>Abbreviation  | プリハードン鋼<br>Prehardened Steel | 工具鋼<br>Tool Steel  | 焼き入れ鋼<br>Hardened Steel      | ~40HRC                    | ~45HRC ~55HRC   | ~60HRC              | ~65HRC                  | ~35HRC             | ~350HB                  |                              |                   |
| FX-MG-TPDS            | ◎                            | ◎                  | ◎                            | ◎                         | ◎               | ◎                   | ◎                       | ◎                  | ◎                       | ◎                            | ◎                 |

## 在庫記号について Inventory symbols

- = 標準在庫品  
Standard stock item
- = 標準在庫品 (在庫をご確認下さい。)  
Limited standard stock item
- = 特定代理店在庫品  
Stocked by specific distributors. Contact us for price & availability.

- ▲ = 新製品及び後継品へ切り替え生産 (在庫をご確認下さい。)  
Scheduled to be replaced by new product or successor item
- △ = 生産中止品 (在庫をご確認下さい。)  
Discontinued item

## FXコート2刃 ショート

FX Coated・2 Flutes・Short

## FX-MG-TPDS

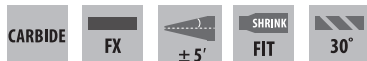
切削条件 Cutting Conditions | P605



FXコーティングにより高効率、長寿命を実現しました。一般材から焼き入れ鋼まで幅広い対応が可能です。

FX coating improves productivity and tool life. Applicable for materials such as general and quenched steels.

CAD



前ページより

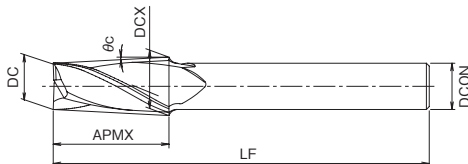
FROM 外径 DC | 0.8~2.5

(単位:mm) (Unit:mm)

| ツール No.<br>EDP No. | 外径×刃部テーパー半角<br>DC×θ <sub>c</sub> | 全長<br>LF | 刃長<br>APMX | 刃径<br>DCON | 大端径<br>DCX | 在庫<br>Stock | 重量<br>(g) | 標準価格<br>(Yen) |        |
|--------------------|----------------------------------|----------|------------|------------|------------|-------------|-----------|---------------|--------|
| 8537305            | 2.5 × 1.5°                       | 50       | 8          | 4          | 2.92       | B ●         | 14        | 14,700        |        |
| 8537355            | 2.5 × 2°                         |          |            |            | 3.06       | B ●         | 14        | 14,700        |        |
| 8537405            | 2.5 × 2.5°                       |          |            |            | 3.2        | D △         | 13        | 15,100        |        |
| 8537455            | 2.5 × 3°                         |          |            |            | 3.34       | B ●         | 14        | 15,100        |        |
| 8536015            | 2.5 × 4°                         |          |            |            | 3.62       | D △         | 10        | 16,200        |        |
| 8537485            | 2.5 × 5°                         |          |            |            | 3.9        | B ●         | 14        | 17,400        |        |
| 8536045            | 2.5 × 6°                         |          |            |            | 4.18       | D           | △         | 11            | 17,600 |
| 8536065            | 2.5 × 7°                         |          |            |            | 4.46       |             | ●         | 11            | 21,700 |
| 8536095            | 2.5 × 10°                        |          |            |            | 5.32       |             | ●         | 11            | 26,300 |
| 8536125            | 2.5 × 12°                        | 60       | 6          | 8          | 5.9        | ●           | 14        | 27,800        |        |
| 8536145            | 2.5 × 15°                        |          |            |            | 6.79       | ●           | 27        | 28,900        |        |
| 8536175            | 2.5 × 20°                        | 70       | 8          | 8.32       | ●          | 51          | 34,000    |               |        |
| 8536776            | 3 × 15°                          | 60       | 10         | 6          | 3.09       | △           | 22        | 15,500        |        |
| 8537206            | 3 × 0.5°                         |          |            |            | 3.18       | B ●         | 22        | 15,500        |        |
| 8537256            | 3 × 0.75°                        |          |            |            | 3.26       | —           | □         | —             | —      |
|                    | 3 × 1°                           |          |            |            | 3.35       | B ●         | 22        | 15,500        |        |
| 8537306            | 3 × 1.5°                         |          |            |            | 3.52       | B ●         | 23        | 15,500        |        |
| 8537356            | 3 × 2°                           |          |            |            | 3.7        | B ●         | 23        | 15,500        |        |
| 8537406            | 3 × 2.5°                         |          |            |            | 3.87       | D △         | 23        | 16,100        |        |
| 8537456            | 3 × 3°                           |          |            |            | 4.05       | B ●         | 23        | 16,100        |        |
| 8536016            | 3 × 4°                           | 50       | 15         | 6          | 4.4        | D △         | 23        | 17,200        |        |
| 8537486            | 3 × 5°                           |          |            |            | 4.75       | B ●         | 23        | 18,100        |        |
| 8536066            | 3 × 7°                           |          |            |            | 5.46       | ●           | 24        | 25,200        |        |
| 8536096            | 3 × 10°                          |          |            |            | 6.53       | ●           | 22        | 28,800        |        |
| 8536126            | 3 × 12°                          |          |            |            | 7.25       | D ●         | 26        | 31,500        |        |
| 8536146            | 3 × 15°                          |          |            |            | 8.36       | ●           | 51        | 34,000        |        |
| 8536176            | 3 × 20°                          |          |            |            | 10.28      | ●           | 88        | 37,500        |        |
| 8537208            | 4 × 0.5°                         | 60       | 15         | 6          | 4.26       | ●           | 22        | 16,200        |        |
| 8537258            | 4 × 1°                           |          |            |            | 4.52       | ●           | 22        | 16,200        |        |
| 8537308            | 4 × 1.5°                         |          |            |            | 4.79       | B ●         | 23        | 16,200        |        |
| 8537358            | 4 × 2°                           |          |            |            | 5.05       | ●           | 23        | 16,200        |        |
| 8537458            | 4 × 3°                           |          |            |            | 5.57       | ●           | 23        | 17,700        |        |

(単位:mm) (Unit:mm)

| ツール No.<br>EDP No. | 外径×刃部テーパー半角<br>DC×θc | 全長<br>LF | 刃長<br>APMX | 刃径<br>DCON | 大端径<br>DCX | 在庫<br>Stock | 重量<br>(g) | 標準価格<br>(Yen) |
|--------------------|----------------------|----------|------------|------------|------------|-------------|-----------|---------------|
| 8536018            | 4 × 4°               | 60       | 15         | 6          | 6.1        | D △         | 25        | 20,100        |
| 8537488            | 4 × 5°               |          |            |            | 6.63       | B ●         | 25        | 21,100        |
| 8536068            | 4 × 7°               |          |            |            | 7.68       | ●           | 27        | 27,300        |
| 8536098            | 4 × 10°              |          |            |            | 9.29       | ●           | 27        | 34,000        |
| 8536128            | 4 × 12°              |          |            |            | 10.38      | ●           | 85        | 35,800        |
| 8536148            | 4 × 15°              |          |            |            | 12.04      | ●           | 151       | 37,500        |
| 8536178            | 4 × 20°              |          |            |            | 14.92      | ●           | 151       | 43,800        |
| 8536780            | 5 × 15°              |          |            |            | 5.17       | △           | 22        | 18,800        |
| 8537210            | 5 × 0.5°             | 60       | 6          | 6          | 5.35       | ●           | 22        | 18,800        |
| 8537260            | 5 × 1°               |          |            |            | 5.7        | B ●         | 23        | 18,800        |
| 8537310            | 5 × 1.5°             |          |            |            | 6.05       | B ●         | 24        | 18,800        |
| 8537360            | 5 × 2°               |          |            |            | 6.4        | ●           | 25        | 19,200        |
| 8537410            | 5 × 2.5°             |          |            |            | 6.75       | D △         | 25        | 20,400        |
| 8537460            | 5 × 3°               |          |            |            | 7.1        | B ●         | 26        | 20,400        |
| 8537490            | 5 × 5°               |          |            |            | 8.5        | ●           | 46        | 28,100        |
| 8536070            | 5 × 7°               | 60       | 6          | 6          | 9.91       | ●           | 31        | 29,500        |
| 8536100            | 5 × 10°              |          |            |            | 12.05      | ●           | 35        | 35,300        |
| 8536130            | 5 × 12°              |          |            |            | 13.5       | D ●         | 145       | 43,800        |
| 8536150            | 5 × 15°              |          |            |            | 15.72      | ●           | 150       | 50,200        |
| 8536180            | 5 × 20°              |          |            |            | 19.56      | ●           | 276       | 56,400        |
| 8537212            | 6 × 0.5°             | 60       | 6          | 6          | 6.35       | ●           | 25        | 20,900        |
| 8537262            | 6 × 1°               |          |            |            | 6.7        | B ●         | 26        | 20,900        |
| 8537312            | 6 × 1.5°             |          |            |            | 7.05       | B ●         | 26        | 20,900        |
| 8537362            | 6 × 2°               |          |            |            | 7.4        | ●           | 27        | 20,900        |
| 8537412            | 6 × 2.5°             |          |            |            | 7.75       | D △         | 46        | 22,000        |
| 8537462            | 6 × 3°               |          |            |            | 8.1        | ●           | 47        | 22,000        |
| 8537492            | 6 × 5°               |          |            |            | 9.5        | B ●         | 50        | 30,200        |
| 8536072            | 6 × 7°               | 70       | 8          | 8          | 10.91      | ●           | 54        | 35,000        |
| 8536102            | 6 × 10°              |          |            |            | 13.05      | D ●         | 145       | 40,400        |

刃部テーパー半角早見表  
Conversion Table

|       |   |     |
|-------|---|-----|
| 0.25° | → | 15° |
| 0.75° | → | 45° |

次ページへ  
外径 DC | 6~12 | NEXT

| 被削材質<br>Work Material | 炭素鋼<br>Carbon Steel          | 合金鋼<br>Alloy Steel | ブリアードン鋼<br>Prehardened Steel | ステンレス鋼<br>Stainless Steel | 鋳鉄<br>Cast Iron | 銅合金<br>Copper Alloy | アルミ合金<br>Aluminum Alloy | グラファイト<br>Graphite | チタン合金<br>Titanium Alloy | 耐熱合金<br>Heat Resistant Alloy | プラスチック<br>Plastic |
|-----------------------|------------------------------|--------------------|------------------------------|---------------------------|-----------------|---------------------|-------------------------|--------------------|-------------------------|------------------------------|-------------------|
| 製品記号<br>Abbreviation  | ブリハードン鋼<br>Prehardened Steel | 工具鋼<br>Tool Steel  | 焼き入れ鋼<br>Hardened Steel      | ～40HRC                    | ～45HRC～55HRC    | ～60HRC              | ～65HRC                  | ～35HRC             | ～350HB                  |                              |                   |
| FX-MG-TPDS            | ◎                            | ◎                  | ◎                            | ◎                         | ◎               | ◎                   | ◎                       | ◎                  | ◎                       | ◎                            | ◎                 |

在庫記号について Inventory symbols

● = 標準在庫品 Standard stock item  
○ = 準標準在庫品 (在庫をご確認下さい。)

□ = 特定代理店在庫品 Stocked by specific distributors. Contact us for price & availability.

▲ = 新製品及び後継品へ切り替え生産 (在庫をご確認下さい。)

△ = 生産中止品 (在庫をご確認下さい。)

## FXコート2刃 ショート

FX Coated・2 Flutes・Short

## FX-MG-TPDS

切削条件 Cutting Conditions | P605



FXコーティングにより高能率、長寿命を実現しました。一般材から焼き入れ鋼まで幅広い対応が可能です。

FX coating improves productivity and tool life. Applicable for materials such as general and quenched steels.



前ページより

FROM 外径 DC 2.5~6

(単位:mm) (Unit:mm)

| ツール No.<br>EDP No. | 外径×刃部テーパ半角<br>DC × θ <sub>c</sub> | 全長<br>LF | 刃長<br>APMX | 刃径<br>DCON | 大径<br>DCX | 在庫<br>Stock | 重量<br>(g) | 標準価格<br>(Yen) |
|--------------------|-----------------------------------|----------|------------|------------|-----------|-------------|-----------|---------------|
| 8536132            | 6 × 12°                           | 90       |            | 12         | 14.5      | ●           | 148       | 46,600        |
| 8536152            | 6 × 15°                           | 100      | 20         | 16         | 16.72     | ●           | 280       | 52,700        |
| 8536182            | 6 × 20°                           | 120      |            | 20         | 20.56     | ●           | 512       | 58,900        |
| 8536786            | 8 × 15°                           | 80       |            |            | 8.22      | △           | 57        | 27,500        |
| 8537216            | 8 × 0.5°                          |          |            |            | 8.44      | ●           | 47        | 27,500        |
| 8537266            | 8 × 1°                            |          |            |            | 8.87      | ●           | 50        | 27,500        |
| 8537316            | 8 × 1.5°                          | 70       |            |            | 9.31      | ●           | 51        | 27,500        |
| 8537366            | 8 × 2°                            |          |            |            | 9.75      | ●           | 52        | 27,500        |
| 8537416            | 8 × 2.5°                          | 80       |            |            | 10.18     | △           | 95        | 31,000        |
| 8537466            | 8 × 3°                            |          |            |            | 10.62     | ●           | 96        | 31,000        |
| 8537496            | 8 × 5°                            | 90       |            |            | 12.37     | ●           | 132       | 47,300        |
| 8536076            | 8 × 7°                            | 80       |            |            | 14.14     | ●           | 104       | 62,000        |
| 8536106            | 8 × 10°                           |          |            |            | 16.82     | ●           | 111       | 89,100        |
| 8537220            | 10 × 0.5°                         |          |            |            | 10.61     | ●           | 94        | 37,200        |
| 8537270            | 10 × 1°                           |          |            |            | 11.22     | ●           | 97        | 37,200        |
| 8537320            | 10 × 1.5°                         |          |            |            | 11.83     | ●           | 99        | 39,600        |
| 8537370            | 10 × 2°                           | 90       |            |            | 12.44     | ●           | 128       | 49,300        |
| 8537420            | 10 × 2.5°                         |          |            |            | 13.06     | △           | 131       | 51,800        |
| 8537470            | 10 × 3°                           |          |            |            | 13.67     | ●           | 143       | 51,800        |
| 8537500            | 10 × 5°                           |          |            |            | 16.12     | ●           | 244       | 82,100        |
| 8536080            | 10 × 7°                           | 100      |            |            | 18.59     | ●           | 261       | 91,000        |
| 8536110            | 10 × 10°                          |          |            |            | 22.34     | ●           | 286       | 122,000       |
| 8537224            | 12 × 0.5°                         |          |            |            | 12.7      | ●           | 133       | 47,700        |
| 8537274            | 12 × 1°                           |          |            |            | 13.4      | ●           | 144       | 53,500        |
| 8537324            | 12 × 1.5°                         |          |            |            | 14.09     | ●           | 148       | 66,400        |
| 8537374            | 12 × 2°                           | 90       |            |            | 14.79     | ●           | 151       | 66,900        |
| 8537474            | 12 × 3°                           | 110      |            |            | 16.19     | ●           | 275       | 91,000        |
| 8537504            | 12 × 5°                           |          |            |            | 19        | ●           | 280       | 99,500        |
| 8536084            | 12 × 7°                           | 120      |            |            | 21.82     | ●           | 476       | 109,000       |
| 8536114            | 12 × 10°                          |          |            |            | 26.11     | ●           | 527       | 172,000       |



製品検索サイトから見積依頼書・注文書を作成できます

▶▶▶ P.6

| 被削材質<br>Work Material | 炭素鋼<br>Carbon Steel          | 合金鋼<br>Alloy Steel | プリハードン鋼<br>Prehardened Steel | ステンレス鋼<br>Stainless Steel | 鋳鉄<br>Cast Iron             | 銅合金<br>Copper Alloy          | アルミ合金<br>Aluminum Alloy | グラファイト<br>Graphite | チタン合金<br>Titanium Alloy | 耐熱合金<br>Heat Resistant Alloy | プラスチック<br>Plastic |
|-----------------------|------------------------------|--------------------|------------------------------|---------------------------|-----------------------------|------------------------------|-------------------------|--------------------|-------------------------|------------------------------|-------------------|
| 製品記号<br>Abbreviation  | プリハードン鋼<br>Prehardened Steel | 工具鋼<br>Tool Steel  | 焼き入れ鋼<br>Hardened Steel      | ~40HRC                    | ~45HRC ~55HRC ~60HRC ~65HRC | ダクタイル鋳鉄<br>Ductile Cast Iron | ~35HRC                  | ~350HB             |                         |                              |                   |
| FX-MG-TPDS            | ◎                            | ◎                  | ◎                            | ◎                         | ◎                           | ◎                            | ◎                       | ◎                  | ◎                       | ◎                            | ◎                 |

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△ = 生産中止品 (在庫をご確認下さい。) Discontinued item