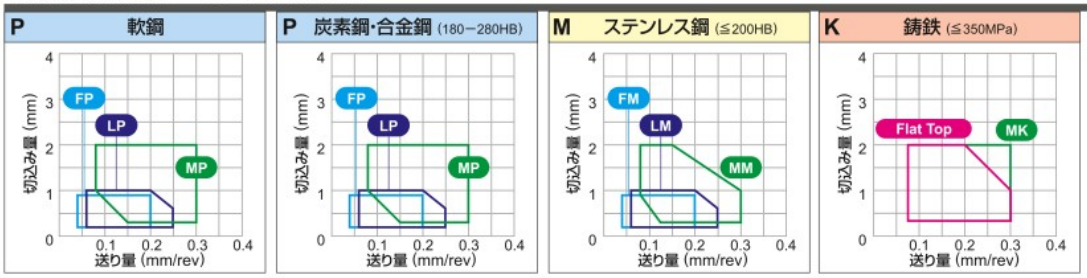
# 60° TC 穴つき ○○形

**TCMT 09 02 02- FP**
切れ刃長 厚さ コーナR ブレーカ
＊詳細はA002ページをご参照ください。

## 被削材別切りくず有効範囲

仕上げ切削 軽切削 中切削




切削状態(目安)： ●：安定切削 ◐：一般切削 ✲：不安定切削

| 被削材 | | |
|---|---|---|
| P | 鋼 | |
| M | ステンレス鋼 | |
| K | 鋳鉄 | |
| N | 非鉄金属 | |
| S | 耐熱合金、チタン合金 | |

| インサート外観 | 呼び記号 | RE (mm) | コーティング: UE6105 | UE6110 | UE6020 | MC6015 | MC6025 | UH6400 | MS6015 | MC7025 | MP7035 | US7020 | US735 | US905 | MC5005 | MC5015 | UC5105 | UC5115 | NEW MH515 | MP9005 | MP9015 | VP05RT | VP10RT | VP15TF | UP20M | サーメット: NX2525 | NX3035 | コーテッドサーメット: MP3025 | AP25N | VP25N | VP45N | 超硬合金: UTi20T | HTi05T | HTi10 | RT9010 | MT9005 | TF15 | 対応ホルダ参照ページ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FP | TCMT090202-FP | 0.2 | ● | | ● | ● | | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| | TCMT090204-FP | 0.4 | ● | | ● | ● | | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| | TCMT110202-FP | 0.2 | ● | | ● | ● | | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | C027 E028 |
| | TCMT110204-FP | 0.4 | ● | | ● | ● | | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| 仕上げ切削 | TCMT16T304-FP | 0.4 | ● | | ● | ● | | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| FM | TCMT090202-FM | 0.2 | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| | TCMT090204-FM | 0.4 | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| | TCMT110202-FM | 0.2 | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | C027 E028 |
| | TCMT110204-FM | 0.4 | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 仕上げ切削 | TCMT16T304-FM | 0.4 | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| FV | TCMT110204-FV | 0.4 | | | ▲ | | | | | | | | | | | | | | | | | | | | ● | ● | | ● | | ● | | | | | | | | |
| | TCMT16T304-FV | 0.4 | | | ▲ | | | | | | | | | | | | | | | | | | | | ● | ● | | ● | | | | | | | | | | | C027 E028 |
| 仕上げ切削 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZ | TCGT110202-AZ | 0.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| | TCGT110204-AZ | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| | TCGT110208-AZ | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | C027 E028 |
| | TCGT16T302-AZ | 0.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 中切削〜仕上げ切削 | TCGT16T304-AZ | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| | TCGT16T308-AZ | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| R/L-F | TCGT0601V3L-F | 0.03 | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | |
| | TCGT060101L-F | 0.1 | | | | | | | | | | | | | | | | | | | | | | ● | ● | | | | | | | | | | | | | |
| | TCGT060102R-F | 0.2 | | | | | | | | | | | | | | | | | | | | | | ● | ● | | | | | | | | | ● | | | | |
| | TCGT060102L-F | 0.2 | | | | | | | | | | | | | | | | | | | | | | ● | ● | | | | | | | | | ● | | | | E017 |
| | TCGT060104R-F | 0.4 | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | ● | | | | |
| | TCGT060104L-F | 0.4 | | | | | | | | | | | | | | | | | | | | | | ● | ● | | | | | | | | | ● | | | | |
| | NEW TCGT060101MR-F | 0.08 | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NEW TCGT060101ML-F | 0.08 | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NEW TCGT060102MR-F | 0.18 | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NEW TCGT060102ML-F | 0.18 | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | E017 |
| | NEW TCGT060104MR-F | 0.38 | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 仕上げ切削 | NEW TCGT060104ML-F | 0.38 | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

● = NEW

●：標準在庫品 ▲：現在標準在庫品で将来新製品と置き換わる製品
（1ケース10個入りです）