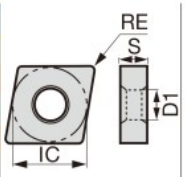
●：連続加工
c：軽断続加工
✣：強断続加工

# CN

ひし形穴つき
80°

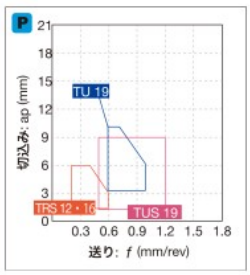
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P | 鋼 | ● | ● | | | | | | | | | ●c | | | | ● | | | | | | | | | | | | | |
| M | ステンレス | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | |
| K | 鋳鉄 | ●c | ●c | ●c | ● | c | ✣ | | | | | ●c | | | | ● | | | | ●c | ● | | | | | | | | |
| N | 非鉄金属 | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | |
| S | 難削材 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | 高硬度材 | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | |

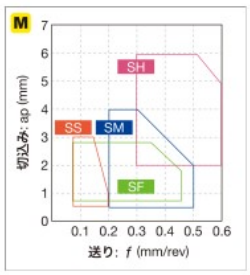


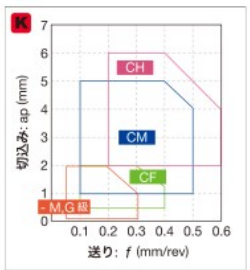

| 用途 | ブレーカ記号 | 形番 | コーティング | | | | | | | サーメット | | 超硬 | セラミック | | | 寸法 (mm) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T9205 | T9105 | T515 | T5105 | T5115 | T5125 | | NS520 | | TH10 | FX105 | LX21 | LX11 | RE | IC | S | D1 |
| 仕上げ～中切削 | - | CNMA090404E | | | ● | | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | | CNMA090408E | | | ● | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | | CNMA090412E | | | ● | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| | | CNMA090416E | | | ● | | | | | | | | | | | 1.6 | 9.525 | 4.76 | 3.81 |
| | | CNMA120404 | | | | ● | ● | ● | | | | ● | | | | 0.4 | 12.7 | 4.76 | 5.16 |
| | | CNMA120408 | ● | ▲ | ● | ● | ● | ● | | ● | | ● | ● | | | 0.8 | 12.7 | 4.76 | 5.16 |
| | | CNMA120412 | ● | ▲ | ● | ● | ● | ● | | | | ● | ● | | | 1.2 | 12.7 | 4.76 | 5.16 |
| | | CNMA120416 | ● | ▲ | | ● | ● | ● | | | | ● | ● | | | 1.6 | 12.7 | 4.76 | 5.16 |
| | | CNMA160608 | | | | ● | ● | ● | | | | | | | | 0.8 | 15.875 | 6.35 | 6.35 |
| | | CNMA160612 | | | ● | ● | ● | ● | | | | | | | | 1.2 | 15.875 | 6.35 | 6.35 |
| | | CNMA160616 | | | ● | ● | ● | ● | | | | | | | | 1.6 | 15.875 | 6.35 | 6.35 |
| | | CNMA190612 | | | ● | ● | ● | ● | | | | | | | | 1.2 | 19.05 | 6.35 | 7.93 |
| | | CNMA190616 | | | ● | ● | ● | ● | | | | | | | | 1.6 | 19.05 | 6.35 | 7.93 |
| | ワイパー | CNMA120408W | | | | | | | | | | | ● | | | 0.8 | 12.7 | 4.76 | 5.16 |
| | | CNMA120412W | | | | | | | | | | | ● | | ● | 1.2 | 12.7 | 4.76 | 5.16 |
| | | CNMA120416W | | | | | | | | | | | ● | | | 1.6 | 12.7 | 4.76 | 5.16 |
| | - | CNGA120404 | | | | | | | | | | | | ● | ● | 0.4 | 12.7 | 4.76 | 5.16 |
| | | CNGA120408 | | | | | | | | ● | | | ● | ● | ● | 0.8 | 12.7 | 4.76 | 5.16 |
| | | CNGA120412 | | | | | | | | | | | ● | ● | ● | 1.2 | 12.7 | 4.76 | 5.16 |
| | | CNGA120416 | | | | | | | | | | | ● | | ● | 1.6 | 12.7 | 4.76 | 5.16 |
| | | CNGA120420 | | | | | | | | | | | | | ● | 2 | 12.7 | 4.76 | 5.16 |

●：設定アイテム
▲：将来廃止予定アイテム

切りくず処理範囲




参照ページ： 外径ホルダ → C016 - 内径ホルダ → D019 - J series ホルダ → G044
TungCap → K008 - PINZBOHR® → K180 - カートリッジ → K199 -