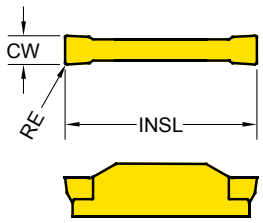
Parting & Grooving

# Parting & Grooving Inserts

Recommended Cutting Conditions : p.222




| Series | INSL | CW |
|---|---|---|
| TD* 2 | 20 | 2 |
| TD* 3 | 20 | 3 |
| TD* 4 | 20 | 4 |
| TD* 5 | 25 | 5 |

* CDX : Cutting Depth Maximum

● : Stock item ○ : Order made item

| TD. | | Designation | RE | Parting & Grooving Fn (mm/rev.) | Parting & Grooving CDX (mm) | Turning Fn (mm/rev.) | Turning Ap (mm) | EDP 5200.. YG602 | YG602G | YG603 |
|---|---|---|---|---|---|---|---|---|---|---|
| -P |  Parting & Grooving (Sharp edge) | TDP 2002 | 0.2 | 0.04 ~ 0.12 | 19 | - | - | ● 0012 | ○ 0036 | ● 0078 |
| | | TDP 3002 | 0.2 | 0.05 ~ 0.16 | 19 | - | - | ● 0029 | ○ 0030 | ● 0076 |
| | | TDP 4003 | 0.3 | 0.06 ~ 0.18 | 19 | - | - | ● 0023 | ○ 0038 | ● 0080 |
| | | * TDPR 2002 - 6 | 0.2 | 0.03 ~ 0.08 | 19 | - | - | ● 0045 | | ● 0085 |
| | | * TDPR 3002 - 6 | 0.2 | 0.04 ~ 0.12 | 19 | - | - | ● 0048 | | ● 0089 |
| | *  6° Angled Parting | * TDPL 2002 - 6 | 0.2 | 0.03 ~ 0.08 | 19 | - | - | ● 0046 | | ● 0086 |
| | | * TDPL 3002 - 6 | 0.2 | 0.04 ~ 0.12 | 19 | - | - | ● 0049 | | ● 0090 |
| -N |  Parting & Grooving (General) | TDN 2002 | 0.2 | 0.05 ~ 0.18 | 19 | - | - | ● 0010 | ○ 0035 | ● 0077 |
| | | TDN 3002 | 0.2 | 0.07 ~ 0.23 | 19 | - | - | ● 0024 | ○ 0025 | ● 0075 |
| | | TDN 4003 | 0.3 | 0.08 ~ 0.28 | 19 | - | - | ● 0022 | ○ 0037 | ● 0079 |
| | | TDN 5003 | 0.3 | 0.09 ~ 0.35 | 24 | - | - | ● 0042 | | |
| | | * TDNR 2002 - 6 | 0.2 | 0.04 ~ 0.14 | 19 | - | - | ● 0043 | | ● 0083 |
| | | * TDNR 3002 - 6 | 0.2 | 0.06 ~ 0.18 | 19 | - | - | ● 0040 | | ● 0087 |
| | | * TDNL 2002 - 6 | 0.2 | 0.04 ~ 0.14 | 19 | - | - | ● 0044 | | ● 0084 |
| | *  6° Angled Parting | * TDNL 3002 - 6 | 0.2 | 0.06 ~ 0.18 | 19 | - | - | ● 0047 | | ● 0088 |
| | | * TDNL 4003 - 4 | 0.3 | 0.06 ~ 0.24 | 19 | | | ● 0096 | | |
| -Y |  Turn Groove | TDY3E - 0.4 | 0.4 | 0.06 ~ 0.24 | 10 | 0.12 ~ 0.22 | 0.5 ~ 2.4 | | ● 0027 | |
| | | TDY4E - 0.4 | 0.4 | 0.08 ~ 0.27 | 10 | 0.15 ~ 0.30 | 0.5 ~ 2.8 | | ● 0020 | |
| | | TDY5E - 0.4 | 0.4 | 0.08 ~ 0.23 | 10 | 0.15 ~ 0.30 | 0.5 ~ 3.2 | | ● 0082 | |
| |  NEW GL | TDY2E - 0.3 - GL | 0.3 | 0.04 ~ 0.20 | 10 | 0.06 ~ 0.18 | 0.4 ~ 1.5 | | ● 0123 | ● 0124 |
| | | TDY3E - 0.3 - GL | 0.3 | 0.05 ~ 0.23 | 10 | 0.08 ~ 0.20 | 0.4 ~ 2.0 | | ● 0125 | ● 0126 |
| | | TDY4E - 0.4 - GL | 0.4 | 0.06 ~ 0.26 | 10 | 0.10 ~ 0.25 | 0.5 ~ 2.3 | | ● 0112 | ● 0127 |
| |  NEW GM | TDY3E - 0.4 - GM | 0.4 | 0.06 ~ 0.24 | 10 | 0.12 ~ 0.22 | 0.5 ~ 2.4 | | ● 0118 | ● 0119 |
| | | TDY4E - 0.4 - GM | 0.4 | 0.08 ~ 0.27 | 10 | 0.15 ~ 0.30 | 0.5 ~ 2.8 | | ● 0113 | ● 0120 |
| | | TDY4E - 0.8 - GM | 0.8 | 0.10 ~ 0.27 | 10 | 0.18 ~ 0.32 | 0.8 ~ 2.8 | | ● 0114 | ● 0122 |
| |  NEW RG | TDY2E - 1.0 - RG | 1.0 | 0.05 ~ 0.15 | 10 | 0.10 ~ 0.30 | 0.1 ~ 0.8 | | ● 0111 | ● 0115 |
| | | TDY3E - 1.5 - RG | 1.5 | 0.08 ~ 0.18 | 10 | 0.15 ~ 0.35 | 0.1 ~ 1.2 | | ● 0108 | ● 0116 |
| | | TDY4E - 2.0 - RG | 2.0 | 0.10 ~ 0.20 | 10 | 0.18 ~ 0.45 | 0.1 ~ 1.6 | | ● 0109 | ● 0117 |