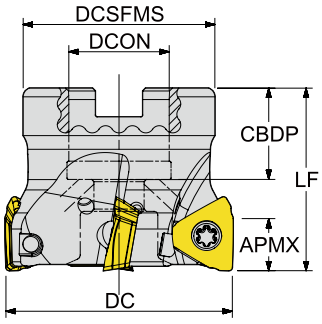
Milling - Shoulder Milling - Cutter

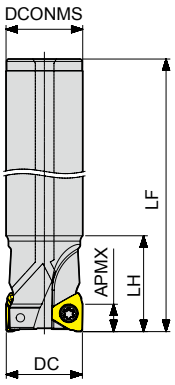
# Cutters for TPKT

Entering Angle : 90°
3 Corner Positive

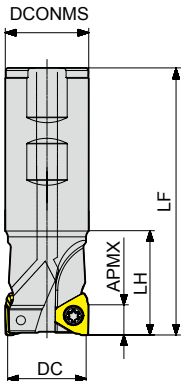
<S> Shellmill




<C> Cylindrical




<W> Weldon




CICT : Number of Inserts
CBDP : Connection Bore Depth

: Refer to p. 197-198

Unit : mm

| Series | APMX | Designation | EDP 1700.. | DC | CICT | LF | TYPE | DCON | LH | CBDP | DCSFMS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW TPKT 0703 | 4.5 | E90 - TP07 - D12Z1C12 - L80 | 1136 | 12 | 1 | 80 | Cylinderical | 12 | 20 | - | - | ● |
| | | E90 - TP07 - D14Z1C12 - L80 | 1137 | 14 | 1 | 80 | | 12 | 20 | - | - | ● |
| | | E90 - TP07 - D16Z2C16 - L110 | 1138 | 16 | 2 | 110 | | 16 | 25 | - | - | ● |
| | | E90 - TP07 - D16Z2C16 - L150 | 1139 | 16 | 2 | 150 | | 16 | 25 | - | - | ● |
| | | E90 - TP07 - D16Z3C16 - L150 | 1140 | 16 | 3 | 150 | | 16 | 25 | - | - | ● |
| | | E90 - TP07 - D17Z3C16 - L150 | 1141 | 17 | 3 | 150 | | 16 | 25 | - | - | ● |
| | | E90 - TP07 - D18Z3C16 - L150 | 1142 | 18 | 3 | 150 | | 16 | 25 | - | - | ● |
| | | E90 - TP07 - D20Z3C20 - L160 | 1143 | 20 | 3 | 160 | | 20 | 25 | - | - | ● |
| | | E90 - TP07 - D25Z5C25 - L115 | 1146 | 25 | 5 | 115 | | 25 | 25 | - | - | ● |
| | | E90 - TP07 - D42Z8C32 - L130 | 1161 | 42 | 8 | 130 | | 32 | 30 | - | - | ● |
| | | E90 - TP07 - D25Z4W20 - L115 | 1144 | 25 | 4 | 115 | Weldon | 20 | 25 | - | - | ● |
| | | E90 - TP07 - D25Z5W25 - L115 | 1145 | 25 | 5 | 115 | | 25 | 25 | - | - | ● |
| | | E90 - TP07 - D32Z6W25 - L130 | 1147 | 32 | 6 | 130 | | 25 | 30 | - | - | ● |
| | | E90 - TP07 - D40Z8W32 - L130 | 1148 | 40 | 8 | 130 | | 32 | 30 | - | - | ● |
| | | F90 - TP07 - D32Z6S16 | 1149 | 32 | 6 | 32 | Shellmill | 16 | - | 18 | 30 | ● |
| | | F90 - TP07 - D35Z7S16 | 1150 | 35 | 7 | 35 | | 16 | - | 18 | 30 | ● |
| | | F90 - TP07 - D40Z7S16 | 1151 | 40 | 7 | 40 | | 16 | - | 18 | 38 | ● |
| | | F90 - TP07 - D40Z8S16 | 1152 | 40 | 8 | 40 | | 16 | - | 18 | 38 | ● |
| | | F90 - TP07 - D40Z8S22 | 1153 | 40 | 8 | 40 | | 22 | - | 20 | 38 | ● |
| | | F90 - TP07 - D50Z9S22 | 1162 | 50 | 9 | 40 | | 22 | - | 20 | 45 | ● |
| | | F90 - TP07 - D52Z9S22 | 1163 | 52 | 9 | 40 | | 22 | - | 20 | 45 | ● |

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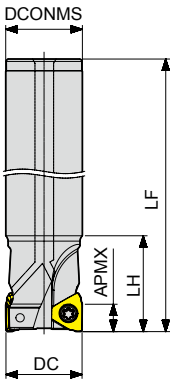
* Clamping Torque (Nm) 0.6Nm

| TPKT0703 | Screw | Wrench | Handle | BIT |
|---|---|---|---|---|
| Description | TP062004-GS | TPWBTP06 | DH-H4 | DB-TP06 |
| EDP | 18000252 | 18000277 | 18000189 | 18000274 |

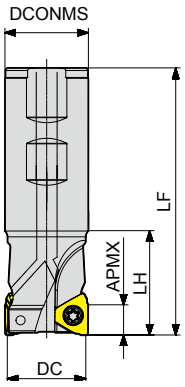
# Cutters for TPKT

Entering Angle : 90°
3 Corner Positive

<C> Cylindrical




<W> Weldon




CICT : Number of Inserts
CBDP : Connection Bore Depth

: Refer to p. 197-198

Unit : mm

| Series | APMX | Designation | EDP 1700.. | DC | CICT | LF | TYPE | DCON /TDZ | LH | CBDP | DCSFMS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPKT 1104 | 7.0 | E90 - TP11 - D20Z2C20 - L170 | 1037 | 20 | 2 | 170 | Cylindrical | 20 | 40 | - | - | ● |
| | | E90 - TP11 - D20Z2C20 - L200 | 1074 | 20 | 2 | 200 | | 20 | 60 | - | - | ● |
| | | E90 - TP11 - D21Z2C20 - L150 | 1038 | 21 | 2 | 150 | | 20 | 40 | - | - | ● |
| | | E90 - TP11 - D21Z2C20 - L200 | 1039 | 21 | 2 | 200 | | 20 | 40 | - | - | ● |
| | | E90 - TP11 - D25Z3C25 - L200 | 1026 | 25 | 3 | 200 | | 25 | 60 | - | - | ● |
| | | E90 - TP11 - D26Z2C25 - L200 | 1041 | 26 | 2 | 200 | | 25 | 40 | - | - | ● |
| | | E90 - TP11 - D26Z2C25 - L250 | 1042 | 26 | 2 | 200 | | 25 | 40 | - | - | ● |
| | | E90 - TP11 - D26Z3C25 - L150 | 1043 | 26 | 3 | 150 | | 25 | 40 | - | - | ● |
| | | E90 - TP11 - D26Z3C25 - L200 | 1044 | 26 | 3 | 200 | | 25 | 40 | - | - | ● |
| | | E90 - TP11 - D32Z3C32 - L230 | 1045 | 32 | 3 | 230 | | 32 | 60 | - | - | ● |
| | | E90 - TP11 - D33Z3C32 - L200 | 1047 | 33 | 3 | 200 | | 32 | 40 | - | - | ● |
| | | E90 - TP11 - D40Z4C32 - L200 | 1048 | 40 | 4 | 200 | | 32 | 60 | - | - | ● |
| | | E90 - TP11 - D20Z2W20 - L90 | 0995 | 20 | 2 | 90 | Weldon | 20 | 40 | - | - | ● |
| | | E90 - TP11 - D25Z3W25 - L100 | 1040 | 25 | 3 | 100 | | 25 | 40 | - | - | ● |
| | | E90 - TP11 - D32Z4W32 - L110 | 1046 | 32 | 4 | 110 | | 32 | 40 | - | - | ● |
| | | E90 - TP11 - D40Z5W32 - L115 | 1049 | 40 | 5 | 115 | | 32 | 40 | - | - | ● |

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* Clamping Torque (Nm) 1.2Nm

| TPKT1104 (D20, D21) | Screw | Wrench | Handle | BIT |
|---|---|---|---|---|
| Description | TP082562-GS | TPWBTP08 | DH-H4 | DB-TP08 |
| EDP | 18000265 | 18000218 | 18000189 | 18000190 |

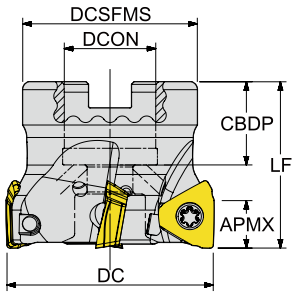
| TPKT1104 (over D25) | Screw | Wrench | Handle | BIT |
|---|---|---|---|---|
| Description | TP082506-GS | TPWBTP08 | DH-H4 | DB-TP08 |
| EDP | 18000259 | 18000218 | 18000189 | 18000190 |

Milling - Shoulder Milling - Cutter

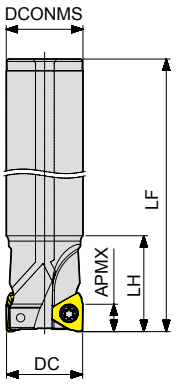
# Cutters for TPKT

Entering Angle : 90°
3 Corner Positive

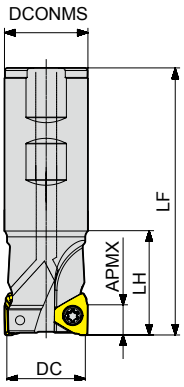
<S> Shellmill




<C> Cylindrical




<W> Weldon




CICT : Number of Inserts
CBDP : Connection Bore Depth

: Refer to p. 197-198

Unit : mm

| Series | APMX | Designation | EDP 1700.. | DC | CICT | LF | TYPE | DCON /TDZ | LH | CBDP | DCSFMS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPKT 1605 | 11.0 | E90 - TP16 - D32Z2C32 - L150 | 0941 | 32 | 2 | 150 | Cylindrical | 32 | 40 | - | - | ● |
| | | E90 - TP16 - D32Z2C32 - L250 | 0942 | 32 | 2 | 250 | | 32 | 80 | - | - | ● |
| | | E90 - TP16 - D33Z2C32 - L200 | 0929 | 33 | 2 | 200 | | 32 | 40 | - | - | ● |
| | | E90 - TP16 - D33Z2C32 - L250 | 1010 | 33 | 2 | 250 | | 32 | 40 | - | - | ● |
| | | E90 - TP16 - D40Z4C32 - L200 | 0945 | 40 | 4 | 200 | | 32 | 40 | - | - | ● |
| | | E90 - TP16 - D40Z3W32 - L110 | 0944 | 40 | 3 | 110 | Weldon | 32 | 40 | - | - | ● |
| | | F90 - TP16 - D50Z4S22 | 0931 | 50 | 4 | 40 | Shellmill | 22 | - | 20 | 42 | ● |
| | | F90 - TP16 - D50Z5S22 | 1069 | 50 | 5 | 40 | | 22 | - | 20 | 42 | ● |
| | | F90 - TP16 - D63Z5S22 | 0932 | 63 | 5 | 40 | | 22 | - | 20 | 48 | ● |
| | | F90 - TP16 - D63Z6S22 | 0947 | 63 | 6 | 40 | | 22 | - | 20 | 48 | ● |
| | | F90 - TP16 - D80Z6S27 | 0948 | 80 | 6 | 50 | | 27 | - | 23 | 56 | ● |
| | | F90 - TP16 - D80Z7S27 | 0949 | 80 | 7 | 50 | | 27 | - | 23 | 56 | ● |
| | | F90 - TP16 - D100Z8S32 | 0950 | 100 | 8 | 50 | | 32 | - | 26 | 67 | ● |
| | | F90 - TP16 - D125Z10S40 | 0951 | 125 | 10 | 63 | | 40 | - | 29 | 89 | ● |
| | | F90 - TP16 - D125Z12S40 | 0952 | 125 | 12 | 63 | | 40 | - | 29 | 89 | ● |
| | | F90 - TP16 - D140Z10S40 | 1073 | 140 | 10 | 63 | | 40 | - | 29 | 110 | ● |
| | | F90 - TP16 - D160Z11S40 | 0953 | 160 | 11 | 63 | | 40 | - | 40 | 110 | X |
| | | F90 - TP16 - D200Z11S60 | 0955 | 200 | 11 | 63 | | 60 | - | 40 | 160 | X |

* Clamping Torque (Nm) 5.3Nm

| TPKT1605 | Screw | Wrench | Handle | BIT |
|---|---|---|---|---|
| Description | TP2045105 | TPWBTP20 | DH-H6 | DB-TP20 |
| EDP | 18000264 | 18000256 | 18000210 | 18000257 |