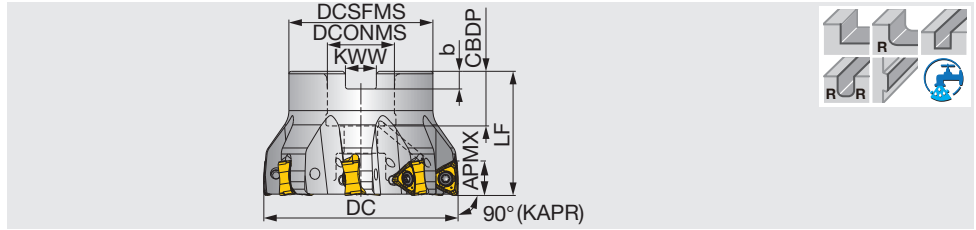




# DOFTRICE TPTN12

Square shoulder mill, with screw clamp system, for double sided triangular inserts



GAMP = +4.2°~ +4.7°, GAMF = -15.4°~ -11.2°

| Designation        | APMX | DC  | CICT | DCSFMS | LF | DCONMS | CBDP | KWW  | b   | WT(kg) | Air hole | Shell locking bolt | Insert    |
|--------------------|------|-----|------|--------|----|--------|------|------|-----|--------|----------|--------------------|-----------|
| TPTN12M050B22.0R04 | 11   | 50  | 4    | 47     | 40 | 22     | 20   | 10.4 | 6.3 | 0.4    | With     | CM10X30H           | TN*U12... |
| TPTN12M050B22.0R05 | 11   | 50  | 5    | 47     | 40 | 22     | 20   | 10.4 | 6.3 | 0.4    | With     | CM10X30H           | TN*U12... |
| TPTN12M063B22.0R05 | 11   | 63  | 5    | 47     | 40 | 22     | 20   | 10.4 | 6.3 | 0.6    | With     | CM10X30H           | TN*U12... |
| TPTN12M063B22.0R06 | 11   | 63  | 6    | 47     | 40 | 22     | 20   | 10.4 | 6.3 | 0.6    | With     | CM10X30H           | TN*U12... |
| TPTN12J080B25.4R06 | 11   | 80  | 6    | 58     | 50 | 25.4   | 26   | 9.5  | 6   | 1.1    | With     | CM12X30H           | TN*U12... |
| TPTN12J080B25.4R08 | 11   | 80  | 8    | 58     | 50 | 25.4   | 26   | 9.5  | 6   | 1.1    | With     | CM12X30H           | TN*U12... |
| TPTN12M080B27.0R06 | 11   | 80  | 6    | 58     | 50 | 27     | 22   | 12.4 | 7   | 1.1    | With     | CM12X30H           | TN*U12... |
| TPTN12M080B27.0R08 | 11   | 80  | 8    | 58     | 50 | 27     | 22   | 12.4 | 7   | 1.1    | With     | CM12X30H           | TN*U12... |
| TPTN12J100B31.7R07 | 11   | 100 | 7    | 67     | 50 | 31.75  | 32   | 12.7 | 8   | 1.4    | With     | TMBA-M16H          | TN*U12... |
| TPTN12J100B31.7R10 | 11   | 100 | 10   | 67     | 50 | 31.75  | 32   | 12.7 | 8   | 1.4    | With     | TMBA-M16H          | TN*U12... |
| TPTN12M100B32.0R07 | 11   | 100 | 7    | 67     | 50 | 32     | 28.5 | 14.4 | 8   | 1.4    | With     | TMBA-M16H          | TN*U12... |
| TPTN12M100B32.0R10 | 11   | 100 | 10   | 67     | 50 | 32     | 28.5 | 14.4 | 8   | 1.4    | With     | TMBA-M16H          | TN*U12... |
| TPTN12J125B38.1R08 | 11   | 125 | 8    | 71     | 63 | 38.1   | 38   | 15.9 | 10  | 2.4    | With     | TMBA-M20H          | TN*U12... |
| TPTN12J125B38.1R12 | 11   | 125 | 12   | 71     | 63 | 38.1   | 38   | 15.9 | 10  | 2.5    | With     | TMBA-M20H          | TN*U12... |
| TPTN12M125B40.0R08 | 11   | 125 | 8    | 71     | 63 | 40     | 32   | 16.4 | 9   | 2.3    | With     | TMBA-M20H          | TN*U12... |
| TPTN12M125B40.0R12 | 11   | 125 | 12   | 71     | 63 | 40     | 32   | 16.4 | 9   | 2.4    | With     | TMBA-M20H          | TN*U12... |

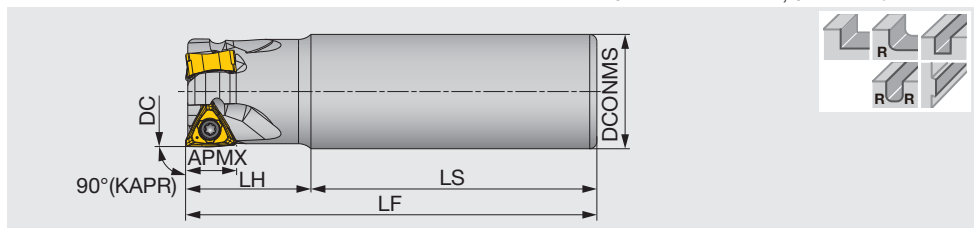
## SPARE PARTS

| Designation         | Clamping screw | Grip   | Torx bit   | Lubricant | Shell locking bolt 1 | Shell locking bolt 2 |
|---------------------|----------------|--------|------------|-----------|----------------------|----------------------|
| TPTN12M050, 063B... | CSPB-3.5       | H-TB2W | BLDIP15/S7 | M-1000    | -                    | CM10X30H             |
| TPTN12*080B...      | CSPB-3.5       | H-TB2W | BLDIP15/S7 | M-1000    | -                    | CM12X30H             |
| TPTN12*100B...      | CSPB-3.5       | H-TB2W | BLDIP15/S7 | M-1000    | TMBA-M16H            | -                    |
| TPTN12*125B...      | CSPB-3.5       | H-TB2W | BLDIP15/S7 | M-1000    | TMBA-M20H            | -                    |

\*Recommended clamping torque (N·m): CSPB-3.5=3.5

# DOFTRICE EPTN12

Square shoulder endmill, shank type, with screw clamp system, for double sided triangular inserts



GAMP = +4.2°~ +4.7°, GAMF = -15.4°~ -11.2°

| Designation         | APMX | DC | CICT | DCONMS | LS | LH | LF  | WT(kg) | Air hole | Insert    |
|---------------------|------|----|------|--------|----|----|-----|--------|----------|-----------|
| EPTN12M032C32.0R02N | 11   | 32 | 2    | 32     | 80 | 35 | 115 | 0.7    | Without  | TN*U12... |
| EPTN12M032C32.0R03N | 11   | 32 | 3    | 32     | 80 | 35 | 115 | 0.7    | Without  | TN*U12... |
| EPTN12M040C32.0R03N | 11   | 40 | 3    | 32     | 80 | 35 | 115 | 0.8    | Without  | TN*U12... |
| EPTN12M040C32.0R04N | 11   | 40 | 4    | 32     | 80 | 35 | 115 | 0.8    | Without  | TN*U12... |

## SPARE PARTS

| Designation | Clamping screw | Grip   | Torx bit   | Lubricant |
|-------------|----------------|--------|------------|-----------|
| EPTN12...   | CSPB-3.5       | H-TB2W | BLDIP15/S7 | M-1000    |

\*Recommended clamping torque (N·m) : CSPB-3.5=3.5

Reference pages: Inserts → [H123](#), Standard cutting conditions → [H124](#)