

Catalogue guidelines

A3



Innovations in the turning section

- o Newly designed structure of the overview and assignment of the cutting materials
- o Detailed description and display of the chip grooves

Make the right choice in just a few steps

1

Selection of the cutting material

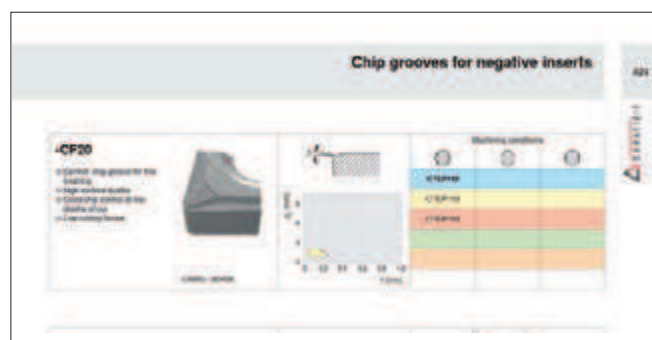
The cutting material is chosen according to the material to be machined

| Grade designation | Standard designation | | Face turning | Application range | | | | | | | | | | | | | | | |
|-------------------|----------------------|------|--------------|-------------------|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|
| | ISO | ANSI | | St | Al | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | P | M | K | N | S | H |
| TOMAD7 | 10 P10 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P20 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P30 | 40 | Y | | | | | | | | | | | | | | | | |
| CTEP110 | 10 P10 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P20 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P30 | 40 | Y | | | | | | | | | | | | | | | | |
| TOM10 | 10 P10 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P20 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P30 | 40 | Y | | | | | | | | | | | | | | | | |
| CTCF115 | 10 P10 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P20 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P30 | 40 | Y | | | | | | | | | | | | | | | | |
| CTGP125 | 10 P10 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P20 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P30 | 40 | Y | | | | | | | | | | | | | | | | |
| CTCF115 | 10 P10 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P20 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P30 | 40 | Y | | | | | | | | | | | | | | | | |
| CTFM126 | 10 P10 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P20 | 40 | Y | | | | | | | | | | | | | | | | |
| | 10 P30 | 40 | Y | | | | | | | | | | | | | | | | |

2

Selection of the chip groove

The chip groove is chosen based on the machining conditions and the material to be machined



3

Selection of the insert type

Overview of the tooling systems and insert shapes

