

## CERATIZIT 3x3: 3 grades - 3 chip grooves

With the introduction of the new finishing geometry -F50 the entire steel machining range has been revised. With 3 grades and 3 chip grooves all machining situations for steel are covered.

This user-friendly concept enables quick selection of a suitable combination of grades and geometries for any kind of machining situation.

|   | P15                    | P25                    | P35                    |
|---|------------------------|------------------------|------------------------|
| F | <b>-F50</b><br>CTCP115 | <b>-F50</b><br>CTCP125 | <b>-F50</b><br>CTCP135 |
| M | <b>-M50</b><br>CTCP115 | <b>-M50</b><br>CTCP125 | <b>-M50</b><br>CTCP135 |
| R | <b>-M70</b><br>CTCP115 | <b>-M70</b><br>CTCP125 | <b>-M70</b><br>CTCP135 |

### Your advantages

- ▲ Three grades cover all steel machining applications
- ▲ Complete, well-structured programme
- ▲ BLACKSTAR™ CTCP115 – highly wear-resistant grade for high cutting parameters
- ▲ BLACKSTAR™ CTCP125 - universal grade for all applications including slightly interrupted cut
- ▲ COLORSTAR™ CTCP135 – tough grade for interrupted cut and difficult conditions
- ▲ Ground contact face

### Your benefits

- ▲ Reduced stock inventory, resulting in lower costs
- ▲ Easy selection of the correct insert
- ▲ For a wide application field in steel machining
- ▲ For maximum process security and consistent quality
- ▲ Higher mechanical stability of the tool holder ensures process security even under extremely difficult machining conditions

### The 3 grades

