

Milling - Fräsen

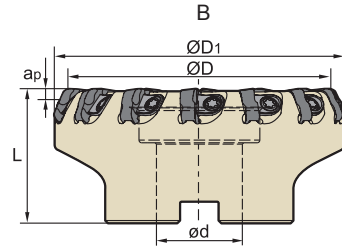
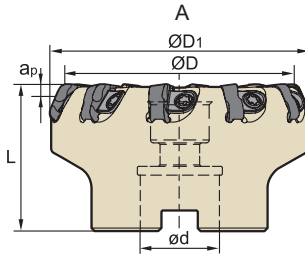
Indexable Milling Tools · Wendepplattenfräser

Face Milling Tools · Planfräser

Kr:67°

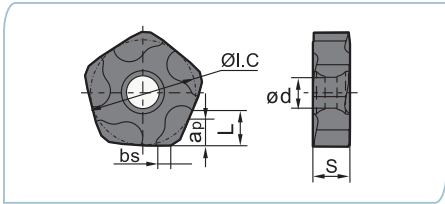


FMD02 **K**



| Type Typ | Stock Lager | Dimension Abmessung (mm) | | | | | | Shim Unterlage | Screw Schraube | Tooth Zähne Z | Coupling Aufnahme | Weight Gewicht (kg) |
|------------------|----------------|-----------------------------|-----|-------|-----------------|----|---|-------------------|-------------------|---------------------|----------------------|---------------------------|
| | | R | L | ØD | ØD ₁ | ød | L | | | | | |
| FMD02 | | | | | | | | | | | | |
| -080-A27-PN11-10 | • ○ | | 80 | 90.1 | 27 | 50 | 5 | W18N | DM6x20 | 10 | A | 1.3 |
| -100-B32-PN11-14 | • ○ | | 100 | 110.1 | 32 | 50 | 5 | | | 14 | B | 1.6 |
| -125-B40-PN11-18 | • ○ | | 125 | 135.1 | 40 | 63 | 5 | | | 18 | B | 3.2 |
| -160-B40-PN11-22 | • ○ | | 160 | 170.1 | 40 | 63 | 5 | | | 22 | B | 5.8 |

Applicable inserts
Wendeschneidplatten



- Ideal Machining Condition / Gute Bearbeitungsbedingungen
- ⊗ Normal Machining Condition / Normale Bearbeitungsbedingungen
- ✶ Unfavorable Machining Condition / Ungünstige Bearbeitungsbedingungen

| Workpiece Material / Werkstoffe | Material | Machining Conditions | | | | | | | | | | | |
|---------------------------------|---|----------------------|---|---|---|---|---|---|---|---|---|---|---|
| P | Steel / Stahl | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| M | Stainless Steel / Rostfreier Stahl | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| K | Cast iron / Gusseisen | | | | | | | | ✶ | ✶ | ✶ | | ✶ |
| N | Non-ferrite material / Ne Metalle | | | | | | | | | | | | ⊗ |
| S | Heat-resistant steel / Warmfester Stahl | | | | | | | | ⊗ | ⊗ | ⊗ | | |

| Insert WSP | Type Typ | Dimension Abmessung (mm) | | | | | | CVD Coating CVD Beschicht. | | | | | PVD Coating PVD Beschicht. | | | | Cermet | Carbide uncoat. unb. Hartmetall | | | | | | |
|---------------|-----------------------|-----------------------------|--------|------|------|-----|----------------|-------------------------------|--------|--------|--------|--------|-------------------------------|--------|--------|--------|--------|--|--------|--------|---------|-------|-------|-------|
| | | L | ØI.C | S | ød | bs | a _p | YBC301 | YBM251 | YBM253 | YBM351 | YBD152 | YBD252 | YBG102 | YBG202 | YBG205 | | YBG302 | YBG152 | YNG151 | YNG151C | YC30S | YD101 | YD201 |
| | PNEG110512R-CR | 5.4 | 15.875 | 5.56 | 4.64 | 1.6 | 5 | | | | | | ● | ○ | | | | | | | | | | |
| | PNEG110512R-CM | 5.4 | 15.875 | 5.56 | 4.64 | 1.6 | 5 | | | | | | | | | | | | | | | | | |

Cutting Data / Schnittdaten

| | Workpiece material Werkstück Material | Hardness HB Härte | Grade Sorte | Cutting data / Schnittdaten | | |
|----------|--|----------------------|----------------|-----------------------------|-----------------------|------------------------|
| | | | | V _c (m/min) | f _z (mm/z) | a _{pmax} (mm) |
| K | Cast iron Gusseisen | 180-250 | YBD152 | 270 (150-300) | 0.2 (0.1-0.4) | 5 |
| | | 180-250 | YBD252 | 200 (150-250) | 0.2 (0.1-0.4) | 5 |

● Ex Stock / ab Lager ○ On demand / auf Anfrage