

















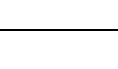

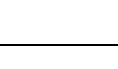




















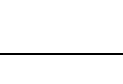


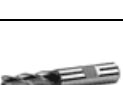


















Katalog fréz













| Work-piece material | Code | Description | Delivered extent | Standard | Type | Picture | Material of tools | Coating | Specification |
|---------------------|------|---|------------------|------------|------|---|-------------------|----------|---------------|
| 2 | J01 | 2-fluted milling cutters with reinforced shank, long with flat front surface | 3mm - 20mm | DIN 6527 L | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J02 | 2-fluted milling cutters with reinforced shank, short with flat front surface | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J03 | 3-fluted milling cutters with reinforced shank, long with flat front surface | 3mm - 20mm | DIN 6527 L | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J04 | 3-fluted milling cutters with reinforced shank, short with flat front surface | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J05 | 4-fluted milling cutters with reinforced shank, long with flat front surface | 3mm - 20mm | DIN 6527 L | | | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J06 | 4-fluted milling cutters with reinforced shank, short with flat front surface | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J07 | 2-fluted milling cutters with corner beveling with reinforced shank, long | 3mm - 20mm | DIN 6527 L | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J08 | 2-fluted milling cutters with corner beveling with reinforced shank, short | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J09 | 3-fluted milling cutters with corner beveling with reinforced shank, long | 3mm - 20mm | DIN 6527 L | | | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J10 | 3-fluted milling cutters with corner beveling with reinforced shank, short | 3mm - 20mm | DIN 6527 K | | | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J11 | 4-fluted milling cutters with corner beveling with reinforced shank, long | 3mm - 20mm | DIN 6527 L | | | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J12 | 4-fluted milling cutters with corner beveling with reinforced shank, short | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J13 | 2-fluted ball-nose milling cutters with reinforced shank, long | 3mm - 20mm | DIN 6527 L | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J14 | 2-fluted ball-nose milling cutters with reinforced shank, short | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J15 | 3-fluted ball-nose milling cutters with reinforced shank, long | 3mm - 20mm | DIN 6527 L | | | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J16 | 3-fluted ball-nose milling cutters with reinforced shank, short | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
















| | | | | | | | | | |
|----|-----|---|------------|-------------------------------|------|---|---------------|----------|--|
| 2 | J17 | 4-fluted ball-nose milling cutters with reinforced shank, long | 3mm - 20mm | DIN 6527 L | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J18 | 4-fluted ball-nose milling cutters with reinforced shank, short | 3mm - 20mm | DIN 6527 K | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J19 | 2-fluted sharp edges milling cutters | 3mm - 20mm | DIN 6528 | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J20 | 3-fluted sharp edges milling cutters | 3mm - 20mm | DIN 6528 | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J21 | 4-fluted sharp edges milling cutters | 3mm - 20mm | DIN 6528 | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J22 | 2-fluted ball-nose milling cutters | 3mm - 20mm | DIN 6528 | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J23 | 3-fluted ball-nose milling cutters | 3mm - 20mm | DIN 6528 | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 2 | J24 | 4-fluted ball-nose milling cutters | 3mm - 20mm | DIN 6528 | |  | Solid Carbide | Uncoated | |
| 3 | | | | | | | | TiAIN | |
| 6 | | | | | | | | | |
| 10 | | | | | | | | | |
| 1 | F01 | End mills - short, 1 tooth cut over centre | 6mm - 20mm | DIN 844, ISO 1641 | NR P |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 6 | | | | | | | | TiAIN | |
| 8 | | | | | | | | AlTiN | |
| 1 | F02 | End mills - short, 1 tooth cut over centre | 6mm - 20mm | DIN 844, ISO 1641, ČSN 222130 | W |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 7 | | | | | | | | TiCN | |
| | | | | | | | | TiAIN | |
| 1 | F03 | End mills -long, 1 tooth cut over centre | 6mm - 20mm | DIN 844, ISO 1641, ČSN 222130 | W |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 7 | | | | | | | | TiCN | |
| | | | | | | | | TiAIN | |
| 1 | F04 | End mills - short, 1 tooth cut over centre | 6mm - 20mm | DIN 844, ISO 1641, ČSN 222130 | N |  | HSSE PM | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAIN | |
| 5 | | | | | | | | AlTiN | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 10 | | | | | | | | | |
| 1 | F05 | End mills - short, 1 tooth cut over centre | 3mm - 32mm | DIN 844, ISO 1641, ČSN 222130 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAIN | |
| 5 | | | | | | | | AlTiN | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 10 | | | | | | | | | |
| 1 | F06 | End mills - long | 6mm - 20mm | DIN 844, ISO 1641 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAIN | |
| 5 | | | | | | | | AlTiN | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |














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|----|-----|---|-------------|-------------------------------------|------|---|--------------|----------|--|
| 1 | F07 | End mills - long, 1 tooth cut over centre | 6mm - 32mm | DIN 844, ISO 1641 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 5 | | | | | | | | AlTiN | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 1 | F08 | End mills - short, 1 tooth cut over centre | 6mm - 32mm | DIN 844, ISO 1641 | NR |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 6 | | | | | | | | AlTiN | |
| 1 | F09 | End mills - short, 1 tooth cut over centre | 6mm - 32mm | DIN 844, ISO 1641 | NR P |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 6 | | | | | | | | AlTiN | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 1 | F10 | End mills - long, 1 tooth cut over centre | 10mm - 32mm | DIN 844, ISO 1641 | NR |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 6 | | | | | | | | AlTiN | |
| 1 | F11 | End mills - long, 1 tooth cut over centre | 10mm - 32mm | DIN 844, ISO 1641 | NR P |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 6 | | | | | | | | AlTiN | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 3 | F12 | End mills - short, 1 tooth cut over centre | 6mm - 32mm | DIN 844, ISO 1641 | HR |  | HSS Co 8% | Uncoated | |
| 5 | | | | | | | | TiN | |
| 6 | | | | | | | | TiCN | |
| 6 | | | | | | | | AlTiN | |
| 3 | F13 | End mills - short, 1 tooth cut over centre | 6mm - 20mm | DIN 844, ISO 1641 | HR P |  | HSSE PM | Uncoated | |
| 4 | | | | | | | | TiN | |
| 5 | | | | | | | | TiCN | |
| 6 | | | | | | | | TiAlN | |
| 10 | | | | | | | | AlTiN | |
| 3 | F14 | End mills - short, 1 tooth cut over centre | 6mm - 32mm | DIN 844, ISO 1641 | HR P |  | HSS Co 8% | Uncoated | |
| 4 | | | | | | | | TiN | |
| 5 | | | | | | | | TiCN | |
| 6 | | | | | | | | AlTiN | |
| 3 | F15 | End mills - long, 1 tooth cut over centre | 10mm - 32mm | DIN 844, ISO 1641 | HR |  | HSS Co 8% | Uncoated | |
| 4 | | | | | | | | TiN | |
| 5 | | | | | | | | TiCN | |
| 6 | | | | | | | | AlTiN | |
| 3 | F16 | End mills - long, 1 tooth cut over centre | 10mm - 32mm | DIN 844, ISO 1641 | HR P |  | HSS Co 8% | Uncoated | |
| 4 | | | | | | | | TiN | |
| 5 | | | | | | | | TiCN | |
| 6 | | | | | | | | AlTiN | |
| 3 | F17 | End mills - long, fine teeth | 10mm - 20mm | DIN 844, ISO 1641, ČSN 222134 | H |  | HSS Co 8% | Uncoated | |
| 4 | | | | | | | | TiN | |
| 6 | | | | | | | | TiCN | |
| 6 | | | | | | | | AlTiN | |
| 1 | F18 | End mills - short | 6mm - 20mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 1 | F19 | End mills - short | 6mm - 20mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 3 | | | | | | | | AlTiN | |


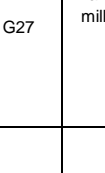
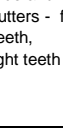


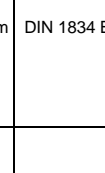

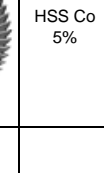
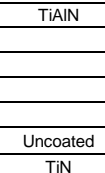
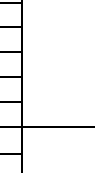
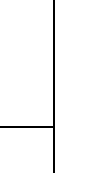

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|---|-----|--|--------------|-------------------------------|---|---|-----------|----------|--|
| 1 | F20 | End mills - short | 6mm - 20mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 3 | | | | | | | | TiAIN | |
| | | | | | | | | AlTiN | |
| 1 | F21 | End mills - short | 6mm - 40mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| | | | | | | | | TiAIN | |
| | | | | | | | | AlTiN | |
| 1 | F22 | End mills - short, 1 tooth cut over centre | 4mm - 20mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 5 | | | | | | | | TiAIN | |
| 6 | | | | | | | | AlTiN | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 1 | F23 | End mills - short, 2 teeth cut to centre | 2mm - 5mm | DIN 844, ISO 1641 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 5 | | | | | | | | TiAIN | |
| 6 | | | | | | | | AlTiN | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 1 | F24 | End mills - short, 2 teeth cut to centre | 2mm - 25mm | DIN 844, ISO 1641 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 5 | | | | | | | | TiAIN | |
| 6 | | | | | | | | AlTiN | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 1 | F25 | End mills - long | 7mm - 20mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| | | | | | | | | TiAIN | |
| | | | | | | | | AlTiN | |
| 1 | F26 | End mills - long | 3mm - 20mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| | | | | | | | | TiAIN | |
| | | | | | | | | AlTiN | |
| 1 | F27 | End mills - long | 7mm - 20mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| | | | | | | | | TiAIN | |
| | | | | | | | | AlTiN | |
| 1 | F28 | End mills - long | 3mm - 40mm | DIN 844, ISO 1641, ČSN 222132 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| | | | | | | | | TiAIN | |
| | | | | | | | | AlTiN | |
| 1 | F30 | Mini end mills - long | 1,5mm - 10mm | | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
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| 2 | F35 | Slot drills - short, centre cutting, 2 - fluted | 2mm - 28mm | DIN 327 | H |  | HSS Co 8% | Uncoated | |
| 3 | | | | | | | | TiN | |
| 4 | | | | | | | | TiCN | |
| 5 | | | | | | | | TiAIN | |
| 6 | | | | | | | | AlTiN | |
| 2 | F36 | Slot drills - long, centre cutting, 2 - fluted | 2mm - 28mm | DIN 327 | H |  | HSS Co 8% | Uncoated | |
| 3 | | | | | | | | TiN | |
| 4 | | | | | | | | TiCN | |
| 5 | | | | | | | | TiAIN | |
| 6 | | | | | | | | AlTiN | |
| 1 | F37 | Slot drills - short, centre cutting, 2 - fluted, plain straight shank acc. to DIN 1835 A | 2mm - 28mm | DIN 327 ISO 1641 | N |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAIN | |
| 6 | | | | | | | | AlTiN | |
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|----|-------|--|----------------|-------------------------------|---|---|-----------|----------|---|--|---------------------------------|----------|---|---|-----------|----------|--|
| 1 | F38 | Slot drills - short, centre cutting, 2 - fluted, straight shank with clamping flat (Weldon) acc. to DIN 1835 B | 2mm - 40mm | DIN 327, ISO 1641 | N |  | HSS Co 8% | Uncoated | | | | | | | | | |
| 2 | | | | | | | | TiN | | | | | | | | | |
| 3 | | | | | | | | TiCN | | | | | | | | | |
| 4 | | | | | | | | TiAlN | | | | | | | | | |
| 6 | | | | | | | | AlTiN | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | F39 | | Slot drills - long - centre cutting, 2 - fluted, plain straight shank acc. to DIN 1835 A | 4mm - 32mm | ISO 1641 | N |  | HSS Co 8% | Uncoated | |
| 2 | TiN | | | | | | | | | | | | | | | | |
| 3 | TiCN | | | | | | | | | | | | | | | | |
| 4 | TiAlN | | | | | | | | | | | | | | | | |
| 6 | AlTiN | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 1 | F41 | Slot drills - long - centre cutting, 2 - fluted, straight shank with clamping flat (Weldon) acc. to DIN 1835 B | 4mm - 32mm | ISO 1641 | N |  | HSS Co 8% | | Uncoated | | | | | | | | |
| 2 | | | | | | | | TiN | | | | | | | | | |
| 3 | | | | | | | | TiCN | | | | | | | | | |
| 4 | | | | | | | | TiAlN | | | | | | | | | |
| 6 | | | | | | | | AlTiN | | | | | | | | | |
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| 1 | | | | | | | | F42 | Slot drills - short, 3-fluted centre cutting | 6mm - 20mm | DIN 327 | N |  | HSSE PM | Uncoated | | |
| 2 | TiN | | | | | | | | | | | | | | | | |
| 3 | TiCN | | | | | | | | | | | | | | | | |
| 4 | TiAlN | | | | | | | | | | | | | | | | |
| 6 | AlTiN | | | | | | | | | | | | | | | | |
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| 10 | | | | | | | | | | | | | | | | | |
| 1 | F43 | Slot drills - short, 3-fluted centre cutting | 3mm - 20mm | DIN 327 | N |  | HSS Co 8% | | | | | | | | Uncoated | | |
| 2 | | | | | | | | TiN | | | | | | | | | |
| 3 | | | | | | | | TiCN | | | | | | | | | |
| 4 | | | | | | | | TiAlN | | | | | | | | | |
| 6 | | | | | | | | AlTiN | | | | | | | | | |
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| 1 | | | | | | | | F44 | Slot drills - long, 3-fluted centre cutting | 3mm - 20mm | | N |  | HSS Co 8% | Uncoated | | |
| 2 | TiN | | | | | | | | | | | | | | | | |
| 3 | TiCN | | | | | | | | | | | | | | | | |
| 4 | TiAlN | | | | | | | | | | | | | | | | |
| 6 | AlTiN | | | | | | | | | | | | | | | | |
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| 1 | F45 | Slot drills - short, 2 - fluted | 2,8mm - 27,7mm | | N |  | HSS Co 8% | | | | | | | | Uncoated | | |
| 2 | | | | | | | | TiN | | | | | | | | | |
| 3 | | | | | | | | TiCN | | | | | | | | | |
| 6 | | | | | | | | TiAlN | | | | | | | | | |
| 7 | | | | | | | | AlTiN | | | | | | | | | |
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| 1 | | | | | | | | F46 | Slot drills - short, centre cutting, 2 - fluted | 12mm - 50mm | ČSN 222194.1, DIN 326, ISO 1641 | N |  | HSS Co 5% | Uncoated | | |
| 2 | | | | | | | | | | | | | | | TiN | | |
| 3 | TiCN | | | | | | | | | | | | | | | | |
| 6 | TiAlN | | | | | | | | | | | | | | | | |
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| 1 | F50 | T - slot cutters | 11mm - 60mm | DIN 851, ISO 3337, ČSN 222180 | N |  | HSS Co 5% | | | | | | | | Uncoated | | |
| 2 | | | | | | | | | | | | | | | TiN | | |
| 4 | | | | | | | | TiCN | | | | | | | | | |
| 6 | | | | | | | | TiAlN | | | | | | | | | |
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| 1 | | | | | | | | F51 | T - slot cutters | 32mm - 72mm | ČSN 222181, DIN 851, ISO 3337 | N |  | HSS | Uncoated | | |
| 2 | | | | | | | | | | | | | | | TiN | | |
| 4 | TiCN | | | | | | | | | | | | | | | | |
| 6 | TiAlN | | | | | | | | | | | | | | | | |
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| 1 | F52 | Woodruff keyseat cutters | 4,5mm - 45,5mm | DIN 850, ČSN 222185 |  | HSS Co 5% | Uncoated | | |
| 2 | | | | | | | TiN | | |
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| 1 | F53 | Woodruff keyseat cutters | 7mm - 45mm | ČSN 222185 |  | HSS | Uncoated | | |
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| 1 | F54 | Dovetail milling cutters | 16mm - 25mm | DIN 1833 A, C, ISO 3859, ČSN 222260 |  | HSS Co 5% | Uncoated | angle 45° - 85° | |
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| 1 | F55 | Dovetail milling cutters | 16mm - 50mm | ČSN 222268 |  | HSS Co 5% | Uncoated | angle 55° | |
| 2 | | | | | | | TiN | | |
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| 6 | | | | | | | TiAlN | | |
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| 1 | F56 | Inverted dovetail milling cutters | 16mm - 25mm | DIN 1833 B, D, ISO 3859, ČSN 222262 |  | HSS Co 5% | Uncoated | angle 45° - 75° | |
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| 4 | | | | | | | TiCN | | |
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| 1 | F57 | Corner rounding concave cutters | 8mm - 58mm | DIN 6518 |  | HSS Co 8% | Uncoated | radius 1 - 20 mm | |
| 2 | | | | | | | TiN | | |
| 4 | | | | | | | TiCN | | |
| 6 | | | | | | | TiAlN | | |
| 7 | | | | | | | AlTiN | | |
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| 1 | F60 | End mills - short, coarse teeth | 10mm - 63mm | DIN 845, ISO 1641, ČSN 222148 | W |  | HSS Co 5% | Uncoated | |
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| 1 | F61 | End mills - short, coarse teeth | 25mm - 63mm | DIN 845, ISO 1641, ČSN 222148 | W |  | HSS | Uncoated | |
| 2 | | | | | | | | TiN | |
| 6 | | | | | | | | TiCN | |
| 7 | | | | | | | | TiAlN | |
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| 1 | F62 | End mills - long, coarse teeth | 25mm - 63mm | DIN 845, ISO 1641, ČSN 222148 | W |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 6 | | | | | | | | TiAlN | |
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| 1 | F63 | End mills - long, coarse teeth | 25mm - 63mm | DIN 845, ISO 1641, ČSN 222148 | W |  | HSS | Uncoated | |
| 2 | | | | | | | | TiN | |
| 6 | | | | | | | | TiCN | |
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| 1 | F64 | End mills - short | 10mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
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| 1 | F65 | End mills - short | 20mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 6 | | | | | | | | TiAlN | |
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| 2 | F66 | End mills - long | 10mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS Co 5% | Uncoated | | |
| 3 | | | | | | | | TiN | | |
| 4 | | | | | | | | TiCN | | |
| 5 | | | | | | | | TiAlN | | |
| 6 | | | | | | | | | | |
| 1 | F67 | End mills - long | 20mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
| | | | | | | | | | | |
| 2 | F68 | End mills, short | 10mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS Co 5% | Uncoated | | |
| 3 | | | | | | | | TiN | | |
| 4 | | | | | | | | TiCN | | |
| 5 | | | | | | | | TiAlN | | |
| 6 | | | | | | | | | | |
| 1 | F69 | End mills, short | 20mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
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| 2 | F72 | End mills, long | 10mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS Co 5% | Uncoated | | |
| 3 | | | | | | | | TiN | | |
| 4 | | | | | | | | TiCN | | |
| 5 | | | | | | | | TiAlN | | |
| 6 | | | | | | | | | | |
| 1 | F73 | End mills, long | 22mm - 63mm | DIN 845, ISO 1641, ČSN 222142 | N |  | HSS | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
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| 2 | F74 | End mills - short, fine teeth | 10mm - 63mm | ČSN 222146, DIN 845, ISO 1641 | H |  | HSS | Uncoated | | |
| 3 | | | | | | | | | | TiN |
| 4 | | End mills - long, fine teeth | 25mm - 63mm | | | | | | | TiCN |
| 5 | | | | | | | | | | TiAlN |
| 6 | | | | | | | | | | |
| 1 | F79 | Die sinking cutters - short, straight teeth, 2 - fluted | 7mm - 28mm | | |  | HSS Co 5% | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 6 | | | | | | | | TiCN | | |
| | | | | | | | | TiAlN | | |
| | | | | | | | | AlTiN | | |
| 1 | F80 | Die sinking cutters - short, straight teeth, 2 - fluted | 2mm - 6mm | | |  | HSS Co 8% | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
| | | | | | | | | AlTiN | | |
| 1 | F81 | Die sinking cutters - short, 2 - fluted | 6mm - 20mm | DIN 1889 | |  | HSSE PM | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 4 | | | | | | | | TiAlN | | |
| 5 | | | | | | | | AlTiN | | |
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| 1 | F82 | Die sinking cutters - short, 2 - fluted | 4mm - 32mm | DIN 1889 | |  | HSS Co 8% | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
| 8 | | | | | | | | AlTiN | | |
| 9 | | | | | | | | | | |
| 1 | F83 | Die sinking cutters - long, 2 - fluted | 4mm - 32mm | | |  | HSS Co 8% | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
| 8 | | | | | | | | AlTiN | | |
| 9 | | | | | | | | | | |
| 1 | F85 | Die sinking cutters - short, 3-fluted | 6mm - 20mm | DIN 1889, ISO 3940 | |  | HSS Co 8% | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
| 8 | | | | | | | | AlTiN | | |
| 9 | | | | | | | | | | |
| 1 | F86 | Die sinking cutters - long, 3-fluted | 12mm, 16mm, 20mm | DIN 1889, ISO 3940 | |  | HSS Co 8% | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 6 | | | | | | | | TiAlN | | |
| 8 | | | | | | | | AlTiN | | |
| 9 | | | | | | | | | | |
| 1 | F87 | Die sinking cutters - short, with ball nose | 4mm - 20mm | DIN 1889, ISO 3940 | |  | HSS Co 8% | Uncoated | | |
| 2 | | | | | | | | TiN | | |
| 3 | | | | | | | | TiCN | | |
| 4 | | | | | | | | TiAlN | | |
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| 1 | F88 | Die sinking cutters - long, with ball nose | 4mm - 20mm | DIN 1889, ISO 3940 | |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
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| 1 | | | | | | | | F89 | |
| 2 | TiN | | | | | | | | |
| 3 | TiCN | | | | | | | | |
| 4 | TiAlN | | | | | | | | |
| 5 | AlTiN | | | | | | | | |
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| 1 | G01 | Shell end mills, coarse teeth | 40mm - 160mm | DIN 1880, ISO 2780/2586 | W |  | HSSE | | Uncoated |
| 2 | | | | | | | | | |
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| 1 | G02 | Shell end mills | 40mm - 100mm | DIN 1880, ISO 2780/2586 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 1 | G03 | Shell end mills | 40mm - 160mm | DIN 1880, ISO 2780/2586 | N |  | HSSE | Uncoated | |
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| 6 | | | | | | | | | |
| 1 | G04 | Shell end mills | 40mm - 100mm | DIN 1880, ISO 2780/2586 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 6 | | | | | | | | | |
| 1 | G05 | Shell end mills | 40mm - 160mm | DIN 1880, ISO 2780/2586 | N |  | HSSE | Uncoated | |
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| 1 | G06 | Shell end mills, NR | 40mm - 100mm | DIN 1880, ISO 2780/2586 | NR |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 4 | | | | | | | | TiAlN | |
| 6 | | | | | | | | | |
| 1 | G07 | Shell end mills, fine teeth | 40mm - 160mm | DIN 1880, ISO 2780/2586 | H |  | HSSE | Uncoated | |
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| 1 | G08 | Side and face milling cutters, coarse teeth | 63mm - 160mm | | W |  | HSSE | Uncoated | |
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| 1 | G09 | Side and face milling cutters | 50mm - 200mm | DIN 885 | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 6 | | | | | | | | TiCN | |
| 7 | | | | | | | | TiAlN | |
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| 9 | | | | | | | | | |
| 1 | G10 | Side and face milling cutters | 63mm - 160mm | DIN 885, ISO 2787 | N |  | HSSE | Uncoated | |
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| 1 | G15 | Narrow side and face milling cutters | 63mm - 160mm | | N |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | TiCN | |
| 6 | | | | | | | | TiAlN | |
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| 1 | G16 | Side and face milling cutters, fine teeth | 50mm - 200mm | DIN 885 | H |  | HSS Co 5% | Uncoated | |
| 2 | | | | | | | | TiN | |
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| 4 | | | | | | | | TiCN | |
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| 1 | G17 | Side and face milling cutters, fine teeth | 250mm | DIN 885 | H |  | HSS | Uncoated | |
| 2 | | | | | | | | TiN | |
| 6 | | | | | | | | TiCN | |
| 7 | | | | | | | | TiAlN | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 1 | G18 | Side and face milling cutters, fine teeth | 50mm - 200mm | DIN 885 | H |  | HSS Co 8% | Uncoated | |
| 2 | | | | | | | | TiN | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
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| 2 | G19 | Side and face milling cutters, fine teeth | 50mm - 160mm | ČSN 222165 DIN 885, ISO 2587 | H |  | HSSE | Uncoated | |
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| 2 | G20 | Slotting cutters | 50mm - 125mm | ČSN 222168 | H |  | HSSE | Uncoated | |
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| 2 | G25 | Side and face milling cutters adjustable, coupled, fine teeth | 80mm - 160mm | ČSN 222171, DIN 1891 | H |  | HSSE | Uncoated | |
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| 1 | G26 | Narrow side and face milling cutters, fine teeth | 63mm - 200mm | DIN 1834 A | H |  | HSS Co 5% | Uncoated | |
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| 1 | G27 | Narrow side and face milling cutters - fine teeth, straight teeth | 63mm - 160mm | DIN 1834 B | H |  | HSS Co 5% | Uncoated | |
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| 1 | G28 | Side and face milling cutters, fine teeth, straight teeth | 50mm - 200mm | DIN 885 B | H |  | HSS Co 5% | Uncoated | |
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| 1 | G29 | Side and face milling cutters adjustable coarse teeth | 80mm - 160mm | | W |  | HSSE | Uncoated | |
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| 2 | G30 | Side and face milling cutters adjustable fine teeth | 63mm - 160mm | | H |  | HSSE | Uncoated | |
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| 1 | G35 | Half circle milling cutters convex | 50mm - 160mm | DIN 856, ISO 3860, ČSN 222210 | |  | HSS | Uncoated | radius 1 - 25 mm |
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| 1 | G40 | Half circle milling cutters concave | 50mm - 125mm | DIN 855 A, ISO 3860, ČSN 222230 | |  | HSS | Uncoated | radius 1 - 20 mm |
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| 1 | G41 | Half circle milling cutters concave | 100mm - 160mm | ČSN 222231, DIN 855 B, ISO 3860 |  | HSSE | Uncoated | radius 11 - 25 mm |
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| 1 | G45 | Corner rounding milling cutters, concave | 63mm - 160mm | ČSN 222234, DIN 6513, ISO 3860 |  | HSS | Uncoated | radius 1 - 25 mm |
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| 1 | G50 | Single angle milling cutters | 63mm - 160mm | ČSN 222242.1, DIN 1824 A |  | HSS | Uncoated | radius 1 - 2,5 mm, angle 20° - 30° |
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| 1 | G51 | Single angle milling cutters | 40mm - 160mm | DIN 842, ČSN 222254 |  | HSS | Uncoated | angle 45° - 60° |
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| 1 | G52 | Single angle milling cutters | 50mm - 100mm | ČSN 222240, DIN 1823 A |  | HSS | Uncoated | angle 40° - 85° |
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| 1 | G53 | Single angle milling cutters | 63mm - 125mm | DIN 842, ČSN 222254 |  | HSS | Uncoated | angle 55° |
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| 1 | G54 | Double angle milling cutters, symmetrical | 63mm - 160mm | ČSN 222252.1, DIN 1824 B |  | HSS | Uncoated | angle 30°, radius 1 - 2,5 mm |
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| 1 | G55 | Double angle milling cutters, symmetrical | 50mm - 100mm | DIN 847, ISO 6108, ČSN 222250 |  | HSS | Uncoated | angle 45° - 120° |
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| 1 | G56 | Double angle milling cutters, symmetrical | 63mm - 100mm | ČSN 222244, DIN 1823 B |  | HSS | Uncoated | angle 45° - 90° |
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| 1 | STRUCTURAL STEELS TO 500 Mpa |
| 2 | FREE CUTTING AND STRUCTURAL STEELS TO 900 Mpa |
| 3 | HEAT-TREATED STEELS AND TOOL STEELS UP TO 1250 Mpa |
| 4 | STAINLESS STEELS AND HEAT RESISTING STEELS |
| 5 | HIGH-ALLOYED STEELS UP TO 1400 Mpa |

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| 6 | CAST IRON |
| 7 | ALUMINIUM AND ALUMINIUM ALLOYS |
| 8 | COPPER, BRASS, BRONZE |
| 9 | ZINC AND ZINC ALLOYS |
| 10 | TITANIUM AND TITANIUM ALLOYS |