

Werkstoffgruppen

Beispiele

Allg. Bau-/Einsatzstähle
Werkzeug-/Vergütungsstähle
Legierte-/Kaltarbeitsstähle



1.0037 | 1.0570 | 1.0503 | 1.7131
1.2367 | 1.2379 | 1.7225
1.2312 | 1.2767 | 1.3505 | 1.7707

Rostfreie Stähle



1.4301 | 1.4305 | 1.4034

Grauguss/Kugelgraphit
Sphäroguss



GG25 | GG40 | GGG40
GGG50 | GGG60 | GGG70

Aluminium Si-Gehalt 0,5–9%
Aluminium Si-Gehalt 10–15%
Kupfer/Messing/Bronze
Mittelharte/weiche Kunststoffe



3.1645 | 3.2163
3.2523
2.0321 | 2.1030

Titanlegierungen
Nickellegierungen



3.7164 | 3.7165
Inconel 713

Gehärteter Stahl
Gehärteter Stahl
Gehärteter Stahl

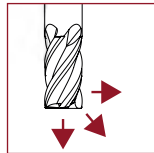


HRC 45–50
HRC 51–58
HRC 59–65

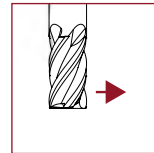
Anwendungssymbole



Zähnezahl



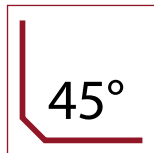
Stechen, seitlich, schräg



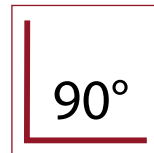
Seitlich



Drallwinkel



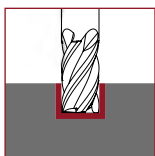
Eckenfase



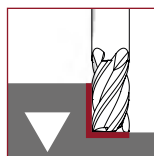
Scharfkantig



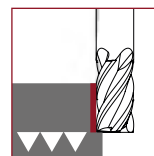
Härtegrad



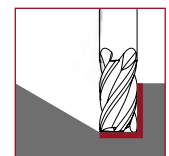
Nuten



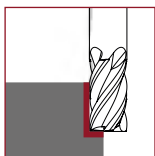
Schruppen



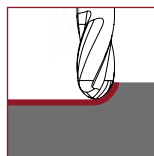
Schichten



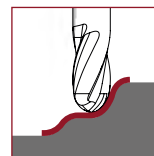
Rampen



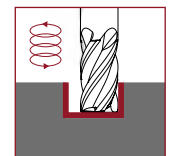
Besäumen



Kugelbahnfräsen



Kopierfräsen



Helix



Glattschaft



Weldon (auf Anfrage)