**FRAISE MULTI-USAGE**
**FRÄSER MULTI-VERWENDUNG**
**MULTI-USE ENDMILL**

# 21750A-90-0.8

Version du
21.01.2025

E2 | λ=35° | 90° | | l1 2xD | |

Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

● 1/3
● 2/3
● 3/3

ESHOP / EZI CUT

| | | Groupe | EZI - ALPHA 3 Vc [m/min] | |
|---|---|---|---|---|
| ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS | Rm < 450 N/mm² | 1a | 260 | ● |
| | Rm 450 - 700 N/mm² | 1b | 150 | ● |
| | Rm 700 - 900 N/mm² | 1c | 125 | ● |
| | Rm < 1200 N/mm² | 1d | 90 | ● |
| ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS | Rm < 650 N/mm² | 2a | 120 | ● |
| | Rm 650 - 950 N/mm² | 2b | 105 | ● |
| | Rm > 950 N/mm² | 2c | 80 | ● |
| ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS | 44 - 56 HRC | 3a | | |
| | 57 - 67 HRC | 3b | | |
| MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS | < 32 HRC | 4a | | |
| | > 32 HRC | 4b | | |
| GRAPHITE | | 5 | 180 | ● |
| FONTES GUSS CAST IRON | < 32 HRC | 6a | 80 | ● |
| | > 32 HRC | 6b | 67 | ● |
| TITANE TITAN | Rm < 800 N/mm² | 7a | 75 | ● |
| | 800 < Rm N/mm² | 7b | 52 | ● |
| ALLIAGES NICKEL NICKEL NICKEL ALLOYS | Rm < 1000 N/mm² | 8a | | |
| | 1000 < Rm N/mm² | 8b | | |
| CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE | Rm < 850 N/mm² | 9a | 360 | ● |
| | 850 < Rm N/mm² | 9b | 250 | ● |
| ALUMINIUM | Si < 0.5% | 10a | 400 | ● |
| | 0.5% < Si < 5% | 10b | 320 | ● |
| | Si > 5% | 10c | 250 | ● |
| MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS | Thermoplast | 11a | 210 | ● |
| | Duraplast | 11b | 150 | ● |
| MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS | Fibre de verre | 12a | 160 | ● |
| | Fibre de carbone | 12b | 120 | ● |
| MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS | Or • Gold | 13a | 290 | ● |
| | Platine | 13b | 40 | ● |

| | |
|---|---|
| D (0/- 0.01) | 0.8 |
| d (h5) | 3 |
| L | 38 |
| l1 | 1.6 |
| l3 | |
| d3 | |
| R | 0.08 |
| e | |
| Z | 2 |
| Chanfrein | |
| K | 0.08 |
| w° collision | 10.1° |