

FRAISE À GRAVER À RAYON
GRAVIERSTICHEL MIT RADIUS
ENGRAVING RADIUS ENDMILL

21805A-R0.05-40

Version du
24.03.2021



E25
UF

Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

- 1/3
- 2/3
- 3/3

EZI - ALPHA 3

Gruppe Vc [m/min]



ESHOP / EZI CUT

| | | Gruppe | Vc [m/min] | |
|--|--------------------------------|--------|------------|---|
| ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS | Rm < 450 N/mm ² | 1a | 26 | ● |
| | Rm 450 - 700 N/mm ² | 1b | 15 | ● |
| | Rm 700 - 900 N/mm ² | 1c | 12 | ● |
| | Rm < 1200 N/mm ² | 1d | 9 | ● |
| ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS | Rm < 650 N/mm ² | 2a | 8 | ● |
| | Rm 650 - 950 N/mm ² | 2b | 7 | ● |
| | Rm > 950 N/mm ² | 2c | 5 | ● |
| ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS | 44 - 56 HRC | 3a | 6 | ● |
| | 57 - 67 HRC | 3b | 3 | ● |
| MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS | < 32 HRC | 4a | 5 | ● |
| | > 32 HRC | 4b | 3 | ● |
| GRAPHITE | | 5 | 18 | ● |
| FONTES GUSS CAST IRON | < 32 HRC | 6a | 8 | ● |
| | > 32 HRC | 6b | 6 | ● |
| TITANE TITAN | Rm < 800 N/mm ² | 7a | 7 | ● |
| | 800 < Rm N/mm ² | 7b | 5 | ● |
| ALLIAGES NICKEL NICKEL NICKEL ALLOYS | Rm < 1000 N/mm ² | 8a | 5 | ● |
| | 1000 < Rm N/mm ² | 8b | 3 | ● |
| CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE | Rm < 850 N/mm ² | 9a | 20 | ● |
| | 850 < Rm N/mm ² | 9b | 25 | ● |
| ALUMINIUM | Si < 0.5% | 10a | 20 | ● |
| | 0.5% < Si < 5% | 10b | 20 | ● |
| | Si > 5% | 10c | 20 | ● |
| MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS | Thermoplast | 11a | 21 | ● |
| | Duraplast | 11b | 15 | ● |
| MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS | Fibre de verre | 12a | 16 | ● |
| | Fibre de carbone | 12b | 12 | ● |
| MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS | Or • Gold | 13a | 15 | ● |
| | Platine | 13b | 5 | ● |



| | |
|--------------|-------|
| D | 0.1 |
| d (h5) | 3 |
| L | 38 |
| l1 | 1.2 |
| l3 | |
| d3 | |
| R | 0.05 |
| e | 40.00 |
| Z | 1 |
| Chanfrein | |
| K | |
| w° collision | |