

FRAISE HÉMISPHERIQUE Z4
 HALBRUND-FRÄSER Z4
 BALL NOSE ENDMILL Z4

21402D-8

Version du
 12.06.2020



Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility

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

EZI - DIAM

Gruppe Vc [m/min]



↑
 ESHOP / EZI CUT

| | Rm [N/mm ²] | Gruppe | Vc [m/min] | |
|--|--------------------------------|--------|------------|---|
| ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS | Rm < 450 N/mm ² | 1a | | |
| | Rm 450 - 700 N/mm ² | 1b | | |
| | Rm 700 - 900 N/mm ² | 1c | | |
| | Rm < 1200 N/mm ² | 1d | | |
| ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS | Rm < 650 N/mm ² | 2a | | |
| | Rm 650 - 950 N/mm ² | 2b | | |
| | Rm > 950 N/mm ² | 2c | | |
| 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 | | |
| | > 32 HRC | 6b | | |
| TITANE TITAN | Rm < 800 N/mm ² | 7a | | |
| | 800 < Rm N/mm ² | 7b | | |
| ALLIAGES NICKEL NICKEL NICKEL ALLOYS | Rm < 1000 N/mm ² | 8a | | |
| | 1000 < Rm N/mm ² | 8b | | |
| CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE | Rm < 850 N/mm ² | 9a | 300 | ● |
| | 850 < Rm N/mm ² | 9b | 250 | ● |
| ALUMINIUM | Si < 0.5% | 10a | 400 | ● |
| | 0.5% < Si < 5% | 10b | 300 | ● |
| | Si > 5% | 10c | 250 | ● |
| MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS | Thermoplast | 11a | | |
| | Duraplast | 11b | | |
| MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS | Fibre de verre | 12a | 260 | ● |
| | Fibre de carbone | 12b | 200 | ● |
| MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS | Or • Gold | 13a | 280 | ● |
| | Platine | 13b | 40 | ● |



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|--------------|----|
| D (h10) | 8 |
| d (h6) | 8 |
| L | 63 |
| l1 | 19 |
| I3 | |
| d3 | |
| R | 4 |
| e | |
| Z | 4 |
| Chanfrein | |
| K | |
| w° collision | |