

FRAISE Z3 POUR ALUMINIUM  
FRÄSER Z3 FÜR ALUMINIUM  
ENDMILL Z3 FOR ALUMINIUM

**22325H-20**

Version du  
12.06.2020



Compatibilité outil / matière  
Werkzeug / Werkstoffverträglichkeit  
Tool / Material compatibility



↑  
ESHOP / EZI CUT

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

AL - EZI  
Groupe Vc [m/min]

|  |                                |     |       |
|--|--------------------------------|-----|-------|
| ACIERS ALLIÉS ET NON ALLIÉS<br>UNLEGIERTE STÄHLE<br>NON-ALLOYED STEELS     | Rm < 450 N/mm <sup>2</sup>     | 1a  |       |
|  | Rm 450 - 700 N/mm <sup>2</sup> | 1b  |       |
|  | Rm 700 - 900 N/mm <sup>2</sup> | 1c  |       |
|  | Rm < 1200 N/mm <sup>2</sup>    | 1d  |       |
| ACIERS INOX<br>ROSTFREIE STÄHLE<br>STAINLESS STEELS                        | Rm < 650 N/mm <sup>2</sup>     | 2a  |       |
|  | Rm 650 - 950 N/mm <sup>2</sup> | 2b  |       |
|  | Rm > 950 N/mm <sup>2</sup>     | 2c  |       |
| ACIERS TREMPÉS GEHÄRTETE<br>STÄHLE HARDENED STEELS                         | 44 - 56 HRC                    | 3a  |       |
|  | 57 - 67 HRC                    | 3b  |       |
| MATÉRIAUX EXOTIQUES<br>EXOTISCHE WERKSTOFFE<br>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 <sup>2</sup>     | 7a  |       |
|  | 800 < Rm N/mm <sup>2</sup>     | 7b  |       |
| ALLIAGES NICKEL<br>NICKEL<br>NICKEL ALLOYS                                 | Rm < 1000 N/mm <sup>2</sup>    | 8a  |       |
|  | 1000 < Rm N/mm <sup>2</sup>    | 8b  |       |
| CUIVRE, LAITON, BRONZE<br>KUPFER, MESSING, BRONZE<br>COPPER, BRASS, BRONZE | Rm < 850 N/mm <sup>2</sup>     | 9a  | 550 ● |
|  | 850 < Rm N/mm <sup>2</sup>     | 9b  | 400 ● |
| ALUMINIUM  | Si < 0.5%                      | 10a | 600 ● |
|  | 0.5% < Si < 5%                 | 10b | 450 ● |
|  | Si > 5%                        | 10c | 200 ● |
| MATIÈRES SYNTHÉTIQUES<br>KUNSTSTOFFE<br>SYNTHETIC MATERIALS                | Thermoplast                    | 11a | 210 ● |
|  | Duraplast                      | 11b | 150 ● |
| MATIÈRES COMPOSITES<br>FASERVERST. MATERIALEN<br>COMPOSITE MATERIALS       | Fibre de verre                 | 12a | 180 ● |
|  | Fibre de carbone               | 12b | 120 ● |
| MÉTALX PRÉCIEUX<br>EDELMETALLE<br>PRECIOUS MATERIALS                       | Or • Gold                      | 13a | 360 ● |
|  | Platine                        | 13b |       |



|              |       |
|--------------|-------|
| D (h10)      | 20    |
| d (h6)       | 20    |
| L            | 104   |
| l1           | 38    |
| l3           | 54    |
| d3           | 19.00 |
| R            |       |
| e            |       |
| Z            | 3     |
| Chanfrein    | 0.1   |
| K            |       |
| w° collision |       |