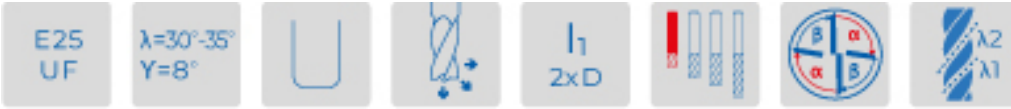


**21071A-0.6**

Version du  
 15.04.2024



Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility



ESHOP / EZI CUT

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

**EZI - ALPHA 3**

Groupe Vc [m/min]

|  |                                |     |     |   |
|--|--------------------------------|-----|-----|---|
| ACIERS ALLIÉS ET NON ALLIÉS<br>UNLEGIERTE STÄHLE<br>NON-ALLOYED STEELS     | Rm < 450 N/mm <sup>2</sup>     | 1a  | 290 | ● |
|  | Rm 450 - 700 N/mm <sup>2</sup> | 1b  | 170 | ● |
|  | Rm 700 - 900 N/mm <sup>2</sup> | 1c  | 140 | ● |
|  | Rm < 1200 N/mm <sup>2</sup>    | 1d  | 90  | ● |
| ACIERS INOX<br>ROSTFREIE STÄHLE<br>STAINLESS STEELS                        | Rm < 650 N/mm <sup>2</sup>     | 2a  | 120 | ● |
|  | Rm 650 - 950 N/mm <sup>2</sup> | 2b  | 100 | ● |
|  | Rm > 950 N/mm <sup>2</sup>     | 2c  | 80  | ● |
| ACIERS TREMPÉS GEHÄRTETE<br>STÄHLE HARDENED STEELS                         | 44 - 56 HRC                    | 3a  | 50  | ● |
|  | 57 - 67 HRC                    | 3b  | 30  | ● |
| MATERIAUX EXOTIQUES<br>EXOTISCHE WERKSTOFFE<br>EXOTIC MATERIALS            | < 32 HRC                       | 4a  | 50  | ● |
|  | > 32 HRC                       | 4b  | 30  | ● |
| GRAPHITE   |                                | 5   | 200 | ● |
| FONTES GUSS CAST IRON  | < 32 HRC                       | 6a  | 90  | ● |
|  | > 32 HRC                       | 6b  | 70  | ● |
| TITANE TITAN   | Rm < 800 N/mm <sup>2</sup>     | 7a  | 80  | ● |
|  | 800 < Rm N/mm <sup>2</sup>     | 7b  | 60  | ● |
| ALLIAGES NICKEL<br>NICKEL<br>NICKEL ALLOYS                                 | Rm < 1000 N/mm <sup>2</sup>    | 8a  | 40  | ● |
|  | 1000 < Rm N/mm <sup>2</sup>    | 8b  | 30  | ● |
| CUIVRE, LAITON, BRONZE<br>KUPFER, MESSING, BRONZE<br>COPPER, BRASS, BRONZE | Rm < 850 N/mm <sup>2</sup>     | 9a  | 410 | ● |
|  | 850 < Rm N/mm <sup>2</sup>     | 9b  | 280 | ● |
| ALUMINIUM  | Si < 0.5%                      | 10a | 460 | ● |
|  | 0.5% < Si < 5%                 | 10b | 360 | ● |
|  | Si > 5%                        | 10c | 230 | ● |
| MATIERES SYNTHETIQUES<br>KUNSTSTOFFE<br>SYNTHETIC MATERIALS                | Thermoplast                    | 11a | 200 | ● |
|  | Duraplast                      | 11b | 130 | ● |
| MATIERES COMPOSITES<br>FASERVERST. MATERIALEN<br>COMPOSITE MATERIALS       | Fibre de verre                 | 12a | 180 | ● |
|  | Fibre de carbone               | 12b | 130 | ● |
| METAUX PRECIEUX<br>EDELMETALLE<br>PRECIOUS MATERIALS                       | Or • Gold                      | 13a | 410 | ● |
|  | Platine                        | 13b | 40  | ● |



|              |       |
|--------------|-------|
| D (0/-0.01)  | 0.6   |
| d (h5)       | 3     |
| L            | 38    |
| l1           | 0.8   |
| l3           |       |
| d3           |       |
| R            | 0.05  |
| e            |       |
| Z            | 3     |
| Chanfrein    |       |
| K            |       |
| w° collision | 11.5° |