

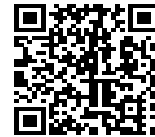
FRAISE À CHANFREINER BI-FACE 45°  
 FASENFRÄSER BI-FACE 45°  
 BEVEL MILLING CUTTER BI-FACE 45°

**21735-0.55**

Version du  
 12.06.2020



Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility



ESHOP / EZI CUT

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

**E25UF**  
 Groupe Vc [m/min]

| Matériau   | Propriété                      | Groupe | Vc [m/min] | Compatibilité |
|--|--------------------------------|--------|------------|---------------|
| ACIERS ALLIÉS ET NON ALLIÉS<br>UNLEGIERTE STÄHLE<br>NON-ALLOYED STEELS     | Rm < 450 N/mm <sup>2</sup>     | 1a     | 140        | ●             |
|  | Rm 450 - 700 N/mm <sup>2</sup> | 1b     | 110        | ●             |
|  | Rm 700 - 900 N/mm <sup>2</sup> | 1c     | 90         | ●             |
|  | Rm < 1200 N/mm <sup>2</sup>    | 1d     |            |               |
| ACIERS INOX<br>ROSTFREIE STÄHLE<br>STAINLESS STEELS                        | Rm < 650 N/mm <sup>2</sup>     | 2a     | 75         | ●             |
|  | Rm 650 - 950 N/mm <sup>2</sup> | 2b     | 60         | ●             |
|  | 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     | 60         | ●             |
|  | 800 < Rm N/mm <sup>2</sup>     | 7b     | 40         | ●             |
| 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     | 320        | ●             |
|  | 850 < Rm N/mm <sup>2</sup>     | 9b     | 200        | ●             |
| ALUMINIUM  | Si < 0.5%                      | 10a    | 300        | ●             |
|  | 0.5% < Si < 5%                 | 10b    | 250        | ●             |
|  | Si > 5%                        | 10c    |            |               |
| MATIÈRES SYNTHÉTIQUES<br>KUNSTSTOFFE<br>SYNTHETIC MATERIALS                | Thermoplast                    | 11a    | 170        | ●             |
|  | Duraplast                      | 11b    | 120        | ●             |
| MATIÈRES COMPOSITES<br>FASERVERST. MATERIALIEN<br>COMPOSITE MATERIALS      | Fibre de verre                 | 12a    | 130        | ●             |
|  | Fibre de carbone               | 12b    | 90         | ●             |
| MÉTAUX PRÉCIEUX<br>EDELMETALLE<br>PRECIOUS MATERIALS                       | Or • Gold                      | 13a    | 250        | ●             |
|  | Platine                        | 13b    |            |               |



|              |       |
|--------------|-------|
| D (0/- 0.02) | 0.55  |
| d (h5)       | 3     |
| L            | 38    |
| l1           | 0.22  |
| l3           | 1.1   |
| d3           | 0.33  |
| R            |       |
| e            |       |
| Z            | 3     |
| Chanfrein    |       |
| K            |       |
| w° collision | 11.1° |