

MICRO-ALÉSOIR DENTURE HÉLICOÏDALE  
 MIKRO-REIBAHLEN SPIRALGENUTET  
 MICRO REAMER SPIRAL FLUTE

**47450-0.54**

Version du  
15.06.2020



E25  
UF

$\lambda = -5^\circ$   
 $\gamma = 5^\circ$

Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility



ESHOP / EZI CUT

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

● E25UF  
 Groupe Vc [m/min]

| ACIERS ALLIÉS ET NON ALLIÉS<br>UNLEGIERTE STÄHLE<br>NON-ALLOYED STEELS     | Rm < 450 N/mm <sup>2</sup>     | 1a  | 30 | ● |
|--|--------------------------------|-----|----|---|
|  | Rm 450 - 700 N/mm <sup>2</sup> | 1b  | 20 | ● |
|  | Rm 700 - 900 N/mm <sup>2</sup> | 1c  | 15 | ● |
|  | Rm < 1200 N/mm <sup>2</sup>    | 1d  | 10 | ● |
| ACIERS INOX<br>ROSTFREIE STÄHLE<br>STAINLESS STEELS                        | Rm < 650 N/mm <sup>2</sup>     | 2a  | 10 | ● |
|  | Rm 650 - 950 N/mm <sup>2</sup> | 2b  | 10 | ● |
|  | Rm > 950 N/mm <sup>2</sup>     | 2c  | 7  | ● |
| ACIERS TREMPÉS GEHÄRTETE<br>STÄHLE HARDENED STEELS                         | 44 - 56 HRC                    | 3a  | 5  | ● |
|  | 57 - 67 HRC                    | 3b  | 5  | ● |
| MATÉRIAUX EXOTIQUES<br>EXOTISCHE WERKSTOFFE<br>EXOTIC MATERIALS            | < 32 HRC                       | 4a  | 5  | ● |
|  | > 32 HRC                       | 4b  | 5  | ● |
| GRAPHITE   |                                | 5   | 25 | ● |
| FONTES GUSS CAST IRON  | < 32 HRC                       | 6a  | 10 | ● |
|  | > 32 HRC                       | 6b  | 10 | ● |
| TITANE TITAN   | Rm < 800 N/mm <sup>2</sup>     | 7a  | 10 | ● |
|  | 800 < Rm N/mm <sup>2</sup>     | 7b  | 5  | ● |
| ALLIAGES NICKEL<br>NICKEL<br>NICKEL ALLOYS                                 | Rm < 1000 N/mm <sup>2</sup>    | 8a  | 5  | ● |
|  | 1000 < Rm N/mm <sup>2</sup>    | 8b  | 5  | ● |
| CUIVRE, LAITON, BRONZE<br>KUPFER, MESSING, BRONZE<br>COPPER, BRASS, BRONZE | Rm < 850 N/mm <sup>2</sup>     | 9a  | 55 | ● |
|  | 850 < Rm N/mm <sup>2</sup>     | 9b  | 35 | ● |
| ALUMINIUM  | Si < 0.5%                      | 10a | 60 | ● |
|  | 0.5% < Si < 5%                 | 10b | 50 | ● |
|  | Si > 5%                        | 10c | 35 | ● |
| MATIÈRES SYNTHÉTIQUES<br>KUNSTSTOFFE<br>SYNTHETIC MATERIALS                | Thermoplast                    | 11a | 30 | ● |
|  | Duraplast                      | 11b | 20 | ● |
| MATIÈRES COMPOSITES<br>FASERVERST. MATERIALEN<br>COMPOSITE MATERIALS       | Fibre de verre                 | 12a | 25 | ● |
|  | Fibre de carbone               | 12b | 15 | ● |
| MÉTAUX PRÉCIEUX<br>EDELMETALLE<br>PRECIOUS MATERIALS                       | Or • Gold                      | 13a | 35 | ● |
|  | Platine                        | 13b | 5  | ● |



|                  |       |
|------------------|-------|
| D (+ / - 0.0015) | 0.54  |
| d (h5)           | 3     |
| L                | 50    |
| l1               | 8     |
| l3               | 15    |
| d3               | 0.51  |
| R                |       |
| e                |       |
| Z                | 4     |
| Chanfrein        | 0.035 |
| K                |       |
| w° collision     |       |