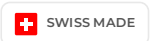


FRAISE-À-GRAVER-MD-E25UF · ENGRAVING-ENDMILL-SC-E25UF · GRAVIERSTICHEL-HM-E25UF



21800-0.12-60 Version du 11.09.2026



E25UF

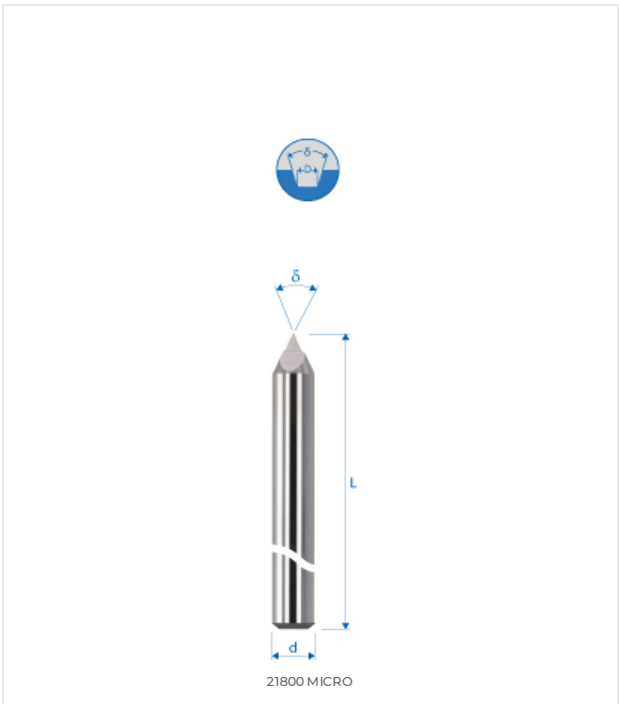
NUANCE ULTRAFINE NUANCE DE POINTE À TRÈS GRANDE DURETÉ ET TÉNACITÉ DESTINÉE AU MICRO-USINAGE

COMPATIBILITÉ MATIÈRE

●●● Excellent (3/3) ●● Bon (2/3) ●● Possible (1/3) ○○○ Non recommandé

| Compatibilité du produit avec les matières |                         |                        |     |               |
|--------------------------------------------|-------------------------|------------------------|-----|---------------|
| CATÉGORIE                                  | MATIÈRE                 | SPÉCIFICATION          | GRP | 21800-0.12-60 |
| Aciers alliés et non alliés                | Aciers non alliés       | Rm < 450 N/mm²         | 1a  | ○○○ 0/3       |
|                                            |                         | Rm 450–700 N/mm²       | 1b  | ○○○ 0/3       |
|                                            |                         | Rm 700–900 N/mm²       | 1c  | ○○○ 0/3       |
|                                            |                         | Rm > 1200 N/mm²        | 1d  | ○○○ 0/3       |
| Aciers Inox                                | Aciers inoxydables      | Rm < 650 N/mm²         | 2a  | ○○○ 0/3       |
|                                            |                         | Rm 650–950 N/mm²       | 2b  | ○○○ 0/3       |
|                                            |                         | Rm > 950 N/mm²         | 2c  | ○○○ 0/3       |
| Aciers trempés                             | Aciers durs             | 44–56 HRC              | 3a  | ○○○ 0/3       |
|                                            |                         | 57–67 HRC              | 3b  | ○○○ 0/3       |
| Matériaux exotiques                        | Alliages spéciaux       | < 32 HRC               | 4a  | ○○○ 0/3       |
|                                            |                         | > 32 HRC               | 4b  | ○○○ 0/3       |
| Graphite                                   | Graphite industriel     |                        | 5   | ●●● 1/3       |
| Fontes                                     | Fonte grise / nodulaire | < 32 HRC               | 6a  | ○○○ 0/3       |
|                                            |                         | > 32 HRC               | 6b  | ○○○ 0/3       |
| Titane                                     | Alliages titane         | Rm < 600 N/mm²         | 7a  | ○○○ 0/3       |
|                                            |                         | 600 < Rm N/mm²         | 7b  | ○○○ 0/3       |
| Alliages Nickel                            | Inconel, Hastelloy      | Rm < 1000 N/mm²        | 8a  | ○○○ 0/3       |
|                                            |                         | Rm > 1000 N/mm²        | 8b  | ○○○ 0/3       |
| Cuivre, laiton, bronze                     | Cuivreux                | Rm < 850 N/mm²         | 9a  | ●●● 3/3       |
|                                            |                         | Rm > 850 N/mm²         | 9b  | ●●● 3/3       |
| Aluminium                                  | Alliages aluminium      | Si < 0.5%              | 10a | ●●● 3/3       |
|                                            |                         | 0.5% < Si < 5%         | 10b | ●●● 3/3       |
|                                            |                         | Si > 5%                | 10c | ●●● 1/3       |
| Matières synthétiques                      | Plastiques techniques   | Thermoplastique        | 11a | ●●● 3/3       |
|                                            |                         | Thermodurcissable      | 11b | ●●● 3/3       |
| Matières composites                        | Composites renforcés    | Fibre de verre / GFK   | 12a | ●●● 1/3       |
|                                            |                         | Fibre de carbone / KFK | 12b | ●●● 1/3       |
| Métaux précieux                            | Or, platine, argent     | Or                     | 13a | ●●● 3/3       |
|                                            |                         | Platine                | 13b | ●●● 1/3       |

DESSIN TECHNIQUE



DIMENSIONS

| DIMENSIONS NOMINALES |         |
|----------------------|---------|
| D (0 / -0.01)        | 0.12 mm |
| d (h5)               | 3 mm    |
| L                    | 38 mm   |
| l1                   | 1.2 mm  |
| l3                   | –       |
| d3                   | –       |
| R                    | –       |
| e                    | –       |
| Z                    | 1       |
| Chanfrein K          | –       |
| w° collision         | 11.2°   |



E-SHOP / EZI CUT  
eskenazi.ch/eshop/21800-0.12-60