

# FRAISE-À-GRAVER-MD-E25UF-+-EZI\_ALPHA · ENGRAVING-ENDMILL-SC-E25UF-+-EZI\_ALPHA · GRAVIERSTICHEL-HM-E25UF-+-EZI\_ALPHA



SWISS MADE

21800B-0.10-60

Version du 07.05.2026

E25  
UF

MATIÈRE OUTIL CARBURE E25 UF

## COMPATIBILITÉ MATIÈRE

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

| MATIÈRE   | SPÉCIFICATION                | GRP | 21800B-0.10-60 |
|---|------------------------------|-----|----------------|
| <b>Aciers alliés et non alliés</b><br>Aciers non alliés | 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  | ●●●            |
| <b>Aciers Inox</b><br>Aciers inoxydables                | 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  | ●●●            |
| <b>Aciers trempés</b><br>Aciers durcis                  | 44-56 HRC                    | 3a  | ●●○            |
|   | 57-67 HRC                    | 3b  | ●○○            |
| <b>Matériaux exotiques</b><br>Alliages spéciaux         | < 32 HRC                     | 4a  | ●●○            |
|   | > 32 HRC                     | 4b  | ●●○            |
| <b>Graphite</b><br>Graphite industriel                  |                              | 5   | ●●○            |
| <b>Fontes</b><br>Fonte grise / nodulaire                | < 32 HRC                     | 6a  | ●●●            |
|   | > 32 HRC                     | 6b  | ●●●            |
| <b>Titane</b><br>Alliages titane                        | Rm < 600 N/mm <sup>2</sup>   | 7a  | ●●●            |
|   | 600 < Rm N/mm <sup>2</sup>   | 7b  | ●●●            |
| <b>Alliages Nickel</b><br>Inconel, Hastelloy            | Rm < 1000 N/mm <sup>2</sup>  | 8a  | ●●○            |
|   | Rm > 1000 N/mm <sup>2</sup>  | 8b  | ●●○            |
| <b>Cuivre, laiton, bronze</b><br>Cuivreux               | Rm < 850 N/mm <sup>2</sup>   | 9a  | ●○○            |
|   | Rm > 850 N/mm <sup>2</sup>   | 9b  | ●○○            |
| <b>Aluminium</b><br>Alliages aluminium                  | Si < 0.5%                    | 10a | ●○○            |
|   | 0.5% < Si < 5%               | 10b | ●○○            |
|   | Si > 5%                      | 10c | ●●○            |
| <b>Matières synthétiques</b><br>Plastiques techniques   | Thermoplastique              | 11a | ●○○            |
|   | Thermodurcissable            | 11b | ●○○            |
| <b>Matières composites</b><br>Composites renforcés      | Fibre de verre / GFK         | 12a | ●●○            |
|   | Fibre de carbone / KFK       | 12b | ●●○            |
| <b>Métaux précieux</b><br>Or, platine, argent           | Or                           | 13a | ●●○            |
|   | Platine                      | 13b | ●●○            |

## DESSIN TECHNIQUE



## DIMENSIONS

### DIMENSIONS NOMINALES

|               |        |
|---------------|--------|
| D (0 / -0.01) | 0.1 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/21800B-0.10-60

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