

MICRO-FRAISE-D'ÉBAUCHE Z3 · ROUGHING-MICRO- ENDMILL Z3 · MIKROSCHRUPPFRÄSER Z3



29510A-2-4

Version du 07.05.2026

SWISS MADE

E25
UF

MATIÈRE OUTIL
CARBURE E25 UF

$\lambda = 20^\circ$
 $\gamma = 6^\circ$

ANGLES DE COUPE $\lambda 20^\circ$
 $\gamma 6^\circ$

45°

MESURE D'ANGLE 45°
PRÉCISION



FORET HÉLICOÏDAL À
DOUBLE SENS

h₁
2.5xD

PROFONDEUR 2.5xD
POUR PERÇAGE



INDICATEUR D'USURE
OUTIL STANDARD

COMPATIBILITÉ MATIÈRE

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

| MATIÈRE | SPÉCIFICATION | GRP | 29510A-2-4 |
|--|------------------------------|-----|------------|
| Aciers alliés et non alliés <small>Aciers non alliés</small> | Rm < 450 N/mm ² | 1a | ●●● |
| | Rm 450–700 N/mm ² | 1b | ●●● |
| | Rm 700–900 N/mm ² | 1c | ●●● |
| | Rm > 1200 N/mm ² | 1d | ●○○ |
| Aciers Inox <small>Aciers inoxydables</small> | Rm < 650 N/mm ² | 2a | ●●● |
| | Rm 650–950 N/mm ² | 2b | ●●● |
| | Rm > 950 N/mm ² | 2c | ●●● |
| Aciers trempés <small>Aciers durcis</small> | 44–56 HRC | 3a | ○○○ |
| | 57–67 HRC | 3b | ○○○ |
| Matériaux exotiques <small>Alliages spéciaux</small> | < 32 HRC | 4a | ●●○ |
| | > 32 HRC | 4b | ●●○ |
| Graphite <small>Graphite industriel</small> | | 5 | ○○○ |
| Fontes <small>Fonte grise / nodulaire</small> | < 32 HRC | 6a | ●●● |
| | > 32 HRC | 6b | ●●● |
| Titane <small>Alliages titane</small> | Rm < 600 N/mm ² | 7a | ●●● |
| | 600 < Rm N/mm ² | 7b | ●●● |
| Alliages Nickel <small>Inconel, Hastelloy</small> | Rm < 1000 N/mm ² | 8a | ●●○ |
| | Rm > 1000 N/mm ² | 8b | ●●○ |
| Cuivre, laiton, bronze <small>Cuivreux</small> | Rm < 850 N/mm ² | 9a | ●●● |
| | Rm > 850 N/mm ² | 9b | ●●● |
| Aluminium <small>Alliages aluminium</small> | Si < 0.5% | 10a | ○○○ |
| | 0.5% < Si < 5% | 10b | ○○○ |
| | Si > 5% | 10c | ○○○ |
| Matières synthétiques <small>Plastiques techniques</small> | Thermoplastique | 11a | ○○○ |
| | Thermodurcissable | 11b | ○○○ |
| Matières composites <small>Composites renforcés</small> | Fibre de verre / GFK | 12a | ○○○ |
| | Fibre de carbone / KFK | 12b | ○○○ |
| Métaux précieux <small>Or, platine, argent</small> | Or | 13a | ●●● |
| | Platine | 13b | ●●○ |

DESSIN TECHNIQUE



DIMENSIONS

DIMENSIONS NOMINALES

| | |
|----------------|-------|
| D (0 / -0.01) | 2 mm |
| d (h5) | 4 mm |
| L | 50 mm |
| l ₁ | 7 mm |
| l ₃ | – |
| d ₃ | – |
| R | – |
| e | – |
| Z | 3 |
| Chanfrein K | 0.15 |
| w° collision | 5.3° |



E-SHOP / EZI CUT
eskenazi.ch/eshop/29510A-2-4

© 2026 Eskenazi SA — Carouge, Genève
Tous droits réservés