

MICRO-FRAISE Z3 · Z3-FINISHING-MICRO-END-MILL-  
FOR-WATCHMAKING-COMPONENT-AND-MICRO-  
MACHINE Z3 · Z3-FINISH-MIKROFRÄSER-FÜR-  
UHRENKOMPONENTE-UND-MIKROMASCHINE Z3



SWISS MADE

23161T-0.5 Version du 05.08.2026

0.5  
Ø D (MM)

28  
L (MM)

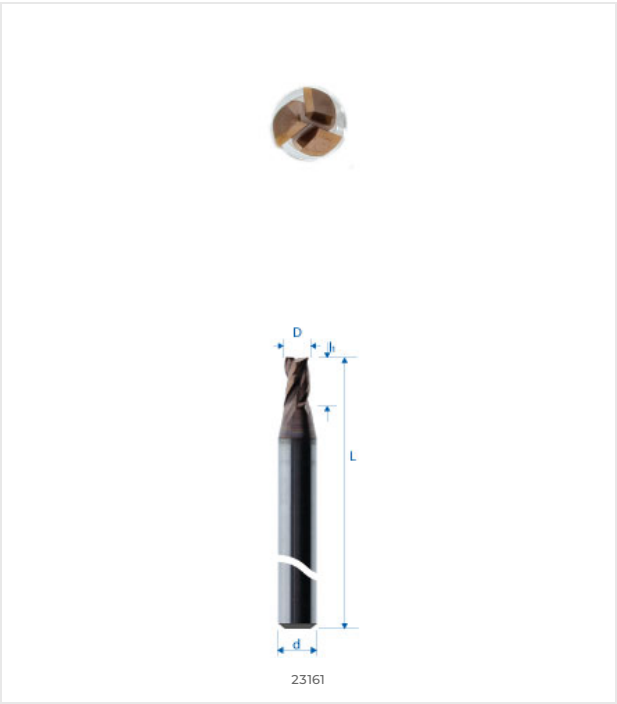
3  
Z

COMPATIBILITÉ MATIÈRE

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

| MATIÈRE                                                         | SPÉCIFICATION          | GRP | 23161T-0.5 |
|-----------------------------------------------------------------|------------------------|-----|------------|
| Aciers alliés et non alliés<br><small>Aciers non alliés</small> | Rm < 450 N/mm²         | 1a  | ○○○        |
|                                                                 | Rm 450–700 N/mm²       | 1b  | ○○○        |
|                                                                 | Rm 700–900 N/mm²       | 1c  | ○○○        |
|                                                                 | Rm > 1200 N/mm²        | 1d  | ○○○        |
| Aciers Inox<br><small>Aciers inoxydables</small>                | Rm < 650 N/mm²         | 2a  | ○○○        |
|                                                                 | Rm 650–950 N/mm²       | 2b  | ○○○        |
|                                                                 | Rm > 950 N/mm²         | 2c  | ○○○        |
| Aciers trempés<br><small>Aciers durcis</small>                  | 44–56 HRC              | 3a  | ○○○        |
|                                                                 | 57–67 HRC              | 3b  | ○○○        |
| Matériaux exotiques<br><small>Alliages spéciaux</small>         | < 32 HRC               | 4a  | ○○○        |
|                                                                 | > 32 HRC               | 4b  | ○○○        |
| Graphite<br><small>Graphite industriel</small>                  |                        | 5   | ○○○        |
| Fontes<br><small>Fonte grise / nodulaire</small>                | < 32 HRC               | 6a  | ○○○        |
|                                                                 | > 32 HRC               | 6b  | ○○○        |
| Titane<br><small>Alliages titane</small>                        | Rm < 600 N/mm²         | 7a  | ○○○        |
|                                                                 | 600 < Rm N/mm²         | 7b  | ○○○        |
| Alliages Nickel<br><small>Inconel, Hastelloy</small>            | Rm < 1000 N/mm²        | 8a  | ○○○        |
|                                                                 | Rm > 1000 N/mm²        | 8b  | ○○○        |
| Cuivre, laiton, bronze<br><small>Cuivreux</small>               | Rm < 850 N/mm²         | 9a  | ○○○        |
|                                                                 | Rm > 850 N/mm²         | 9b  | ○○○        |
| Aluminium<br><small>Alliages aluminium</small>                  | Si < 0.5%              | 10a | ○○○        |
|                                                                 | 0.5% < Si < 5%         | 10b | ○○○        |
|                                                                 | Si > 5%                | 10c | ○○○        |
| Matières synthétiques<br><small>Plastiques techniques</small>   | Thermoplastique        | 11a | ○○○        |
|                                                                 | Thermodurcissable      | 11b | ○○○        |
| Matières composites<br><small>Composites renforcés</small>      | Fibre de verre / GFK   | 12a | ○○○        |
|                                                                 | Fibre de carbone / KFK | 12b | ○○○        |
| Métaux précieux<br><small>Or, platine, argent</small>           | Or                     | 13a | ○○○        |
|                                                                 | Platine                | 13b | ○○○        |

DESSIN TECHNIQUE



DIMENSIONS

| DIMENSIONS NOMINALES |         |
|----------------------|---------|
| D (0 / -0.01)        | 0.5 mm  |
| d (h5)               | 3 mm    |
| L                    | 28 mm   |
| l                    | 0.75 mm |
| l3                   | –       |
| d3                   | –       |
| R                    | –       |
| e                    | –       |
| Z                    | 3       |
| Chanfrein K          | –       |
| w° collision         | 11.7°   |



E-SHOP / EZI CUT  
eskenazi.ch/eshop/23161T-0.5