

FRAISE-À-GRAVER-MD-E25UF-+-EZI-ALPHA-POUR-MICRO-MACHINE · ENGRAVING-ENDMILL-SC-E25UF-+-EZI-ALPHA-FOR-MICRO-MACHINE · GRAVIERSTICHEL-HM-E25UF-+-EZI-ALPHA-FÜR-MIKROMASCHINE



SWISS MADE

23800B-0.12-50    Version 08.08.2026

0.12  
Ø D (MM)

28  
L (MM)

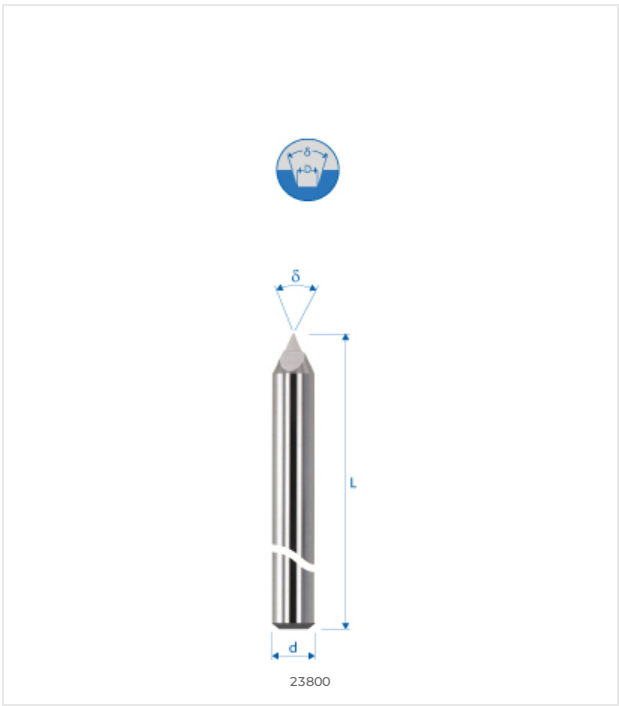
1  
Z

MATERIAL COMPATIBILITY

●●● Excellent (3/3)   ●●○ Good (2/3)   ●○○ Possible (1/3)   ○○○ Not recommended

| MATERIAL                                                            | SPECIFICATION      | GRP | 23800B-0.12-50 |
|---------------------------------------------------------------------|--------------------|-----|----------------|
| Alloyed and non-alloyed steels<br><small>Non-alloyed steels</small> | Rm < 450 N/mm²     | 1a  | ●●● 3/3        |
|                                                                     | Rm 450–700 N/mm²   | 1b  | ●●● 3/3        |
|                                                                     | Rm 700–900 N/mm²   | 1c  | ●●● 3/3        |
|                                                                     | Rm > 1200 N/mm²    | 1d  | ●●● 3/3        |
| Stainless steels<br><small>Stainless steels</small>                 | Rm < 650 N/mm²     | 2a  | ●●● 3/3        |
|                                                                     | Rm 650–950 N/mm²   | 2b  | ●●● 3/3        |
|                                                                     | Rm > 950 N/mm²     | 2c  | ●●● 3/3        |
| Hardened steels<br><small>Hardened steels</small>                   | 44–56 HRC          | 3a  | ●●○ 2/3        |
|                                                                     | 57–67 HRC          | 3b  | ●○○ 1/3        |
| Exotic materials<br><small>Special alloys</small>                   | < 32 HRC           | 4a  | ●●○ 2/3        |
|                                                                     | > 32 HRC           | 4b  | ●●○ 2/3        |
| Graphite<br><small>Industrial graphite</small>                      |                    | 5   | ●●○ 2/3        |
| Cast iron<br><small>Grey / nodular cast iron</small>                | < 32 HRC           | 6a  | ●●● 3/3        |
|                                                                     | > 32 HRC           | 6b  | ●●● 3/3        |
| Titanium<br><small>Titanium alloys</small>                          | Rm < 600 N/mm²     | 7a  | ●●● 3/3        |
|                                                                     | 600 < Rm N/mm²     | 7b  | ●●● 3/3        |
| Nickel alloys<br><small>Inconel, Hastelloy</small>                  | Rm < 1000 N/mm²    | 8a  | ●●○ 2/3        |
|                                                                     | Rm > 1000 N/mm²    | 8b  | ●●○ 2/3        |
| Copper, brass, bronze<br><small>Copper-based</small>                | Rm < 850 N/mm²     | 9a  | ●○○ 1/3        |
|                                                                     | Rm > 850 N/mm²     | 9b  | ●○○ 1/3        |
| Aluminum<br><small>Aluminum alloys</small>                          | Si < 0.5%          | 10a | ●○○ 1/3        |
|                                                                     | 0.5% < Si < 5%     | 10b | ●○○ 1/3        |
|                                                                     | Si > 5%            | 10c | ●●○ 2/3        |
| Synthetic materials<br><small>Engineering plastics</small>          | Thermoplastic      | 11a | ●○○ 1/3        |
|                                                                     | Thermoset          | 11b | ●○○ 1/3        |
| Composite materials<br><small>Reinforced composites</small>         | Glass fiber / GFK  | 12a | ●●○ 2/3        |
|                                                                     | Carbon fiber / KFK | 12b | ●●○ 2/3        |
| Precious metals<br><small>Gold, platinum, silver</small>            | Gold               | 13a | ●●○ 2/3        |
|                                                                     | Platinum           | 13b | ●●○ 2/3        |

TECHNICAL DRAWING



DIMENSIONS

| NOMINAL DIMENSIONS |         |
|--------------------|---------|
| D (0 / -0.01)      | 0.12 mm |
| d (h5)             | 3 mm    |
| L                  | 28 mm   |
| l1                 | 1.2 mm  |
| l3                 | –       |
| d3                 | –       |
| R                  | –       |
| e                  | –       |
| Z                  | 1       |
| Chamfer K          | –       |
| w° collision       | 11.2°   |



E-SHOP / EZI CUT  
eskenazi.ch/eshop/23800B-0.12-50

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