

FRAISE-À-GRAVER-À-RAYON-MD-E25UF-POUR-MICRO-MACHINE · ENGRAVING-RADIUS-ENDMILL-SC-E25UF-FOR-MICRO-MACHINE · GRAVIERSTICHEL-MIT-RADIUS-HM-E25UF-FÜR-MIKROMASCHINE



SWISS MADE

23805-R0.10-30 Version 09.08.2026

0.2  
Ø D (MM)

28  
L (MM)

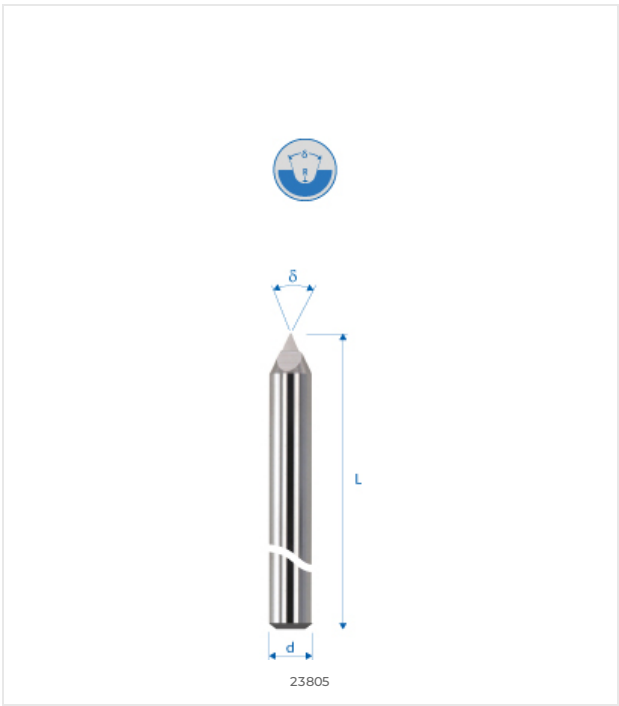
1  
Z

MATERIAL COMPATIBILITY

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

| MATERIAL                                             | SPECIFICATION      | GRP | 23805-R0.10-30 |
|------------------------------------------------------|--------------------|-----|----------------|
| Alloyed and non-alloyed steels<br>Non-alloyed steels | 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        |
| Stainless steels<br>Stainless steels                 | Rm < 650 N/mm²     | 2a  | ○○○ 0/3        |
|                                                      | Rm 650–950 N/mm²   | 2b  | ○○○ 0/3        |
|                                                      | Rm > 950 N/mm²     | 2c  | ○○○ 0/3        |
| Hardened steels<br>Hardened steels                   | 44–56 HRC          | 3a  | ○○○ 0/3        |
|                                                      | 57–67 HRC          | 3b  | ○○○ 0/3        |
| Exotic materials<br>Special alloys                   | < 32 HRC           | 4a  | ○○○ 0/3        |
|                                                      | > 32 HRC           | 4b  | ○○○ 0/3        |
| Graphite<br>Industrial graphite                      |                    | 5   | ●○○ 1/3        |
| Cast iron<br>Grey / nodular cast iron                | < 32 HRC           | 6a  | ○○○ 0/3        |
|                                                      | > 32 HRC           | 6b  | ○○○ 0/3        |
| Titanium<br>Titanium alloys                          | Rm < 600 N/mm²     | 7a  | ○○○ 0/3        |
|                                                      | 600 < Rm N/mm²     | 7b  | ○○○ 0/3        |
| Nickel alloys<br>Inconel, Hastelloy                  | Rm < 1000 N/mm²    | 8a  | ○○○ 0/3        |
|                                                      | Rm > 1000 N/mm²    | 8b  | ○○○ 0/3        |
| Copper, brass, bronze<br>Copper-based                | Rm < 850 N/mm²     | 9a  | ●●● 3/3        |
|                                                      | Rm > 850 N/mm²     | 9b  | ●●● 3/3        |
| Aluminum<br>Aluminum alloys                          | Si < 0.5%          | 10a | ●●● 3/3        |
|                                                      | 0.5% < Si < 5%     | 10b | ●●● 3/3        |
|                                                      | Si > 5%            | 10c | ●○○ 1/3        |
| Synthetic materials<br>Engineering plastics          | Thermoplastic      | 11a | ●●● 3/3        |
|                                                      | Thermoset          | 11b | ●●● 3/3        |
| Composite materials<br>Reinforced composites         | Glass fiber / GFK  | 12a | ●○○ 1/3        |
|                                                      | Carbon fiber / KFK | 12b | ●○○ 1/3        |
| Precious metals<br>Gold, platinum, silver            | Gold               | 13a | ●●● 3/3        |
|                                                      | Platinum           | 13b | ●○○ 1/3        |

TECHNICAL DRAWING



DIMENSIONS

| NOMINAL DIMENSIONS |        |
|--------------------|--------|
| D (0 / -0.01)      | 0.2 mm |
| d (h5)             | 3 mm   |
| L                  | 28 mm  |
| l1                 | 1.2 mm |
| l3                 | –      |
| d3                 | –      |
| R                  | 0.1 mm |
| e                  | –      |
| Z                  | 1      |
| Chamfer K          | –      |
| w° collision       | 11.2°  |



E-SHOP / EZI CUT  
eskenazi.ch/eshop/23805-R0.10-30

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