

FRAISE-A-CHANFREINER-BI-FACE-90°-Z:3-MD-E25-UF-+-EZI-ALPHA-3 · BEVEL-MILLING-CUTTER-BI-FACE-90°-Z:3-CARBIDE-E25-UF-+-EZI-ALPHA-3 · FASENFRAESER-BI-FACE-90°-Z:3-HM-E25-UF-+-EZI-ALPHA-3



SWISS MADE

21735A-1.8 Version du 10.09.2026

E2

NUANCE SUBMICROGRAINS USINAGE HAUTE VITESSE DE MATIÈRES ABRASIVES

$\lambda = 0^\circ$   
 $\gamma = 8^\circ$

ANGLES OUTILS LAMBDA 0° GAMMA 8°

CHANFREINEUR BI-FACE 45°

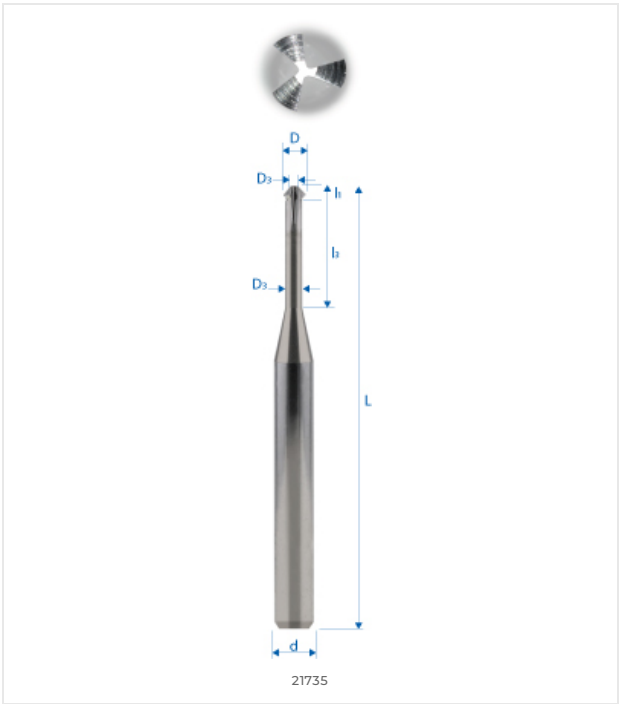
COUPE LATÉRALE UNIQUEMENT

COMPATIBILITÉ MATIÈRE

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

| Compatibilité du produit avec les matières |                         |                        |     |            |
|--------------------------------------------|-------------------------|------------------------|-----|------------|
| CATÉGORIE                                  | MATIÈRE                 | SPÉCIFICATION          | GRP | 21735A-1.8 |
| Aciers alliés et non alliés                | Aciers non alliés       | 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    |
| Aciers Inox                                | Aciers inoxydables      | Rm < 650 N/mm²         | 2a  | ●●● 3/3    |
|                                            |                         | Rm 650-950 N/mm²       | 2b  | ●●● 3/3    |
|                                            |                         | Rm > 950 N/mm²         | 2c  | ●●● 3/3    |
| Aciers trempés                             | Aciers durcis           | 44-56 HRC              | 3a  | ●●○ 2/3    |
|                                            |                         | 57-67 HRC              | 3b  | ●○○ 1/3    |
| Matériaux exotiques                        | Alliages spéciaux       | < 32 HRC               | 4a  | ●●○ 2/3    |
|                                            |                         | > 32 HRC               | 4b  | ●●○ 2/3    |
| Graphite                                   | Graphite industriel     |                        | 5   | ●●● 3/3    |
| Fontes                                     | Fonte grise / nodulaire | < 32 HRC               | 6a  | ●●● 3/3    |
|                                            |                         | > 32 HRC               | 6b  | ●●● 3/3    |
| Titane                                     | Alliages titane         | Rm < 600 N/mm²         | 7a  | ●●● 3/3    |
|                                            |                         | 600 < Rm N/mm²         | 7b  | ●●● 3/3    |
| Alliages Nickel                            | Inconel, Hastelloy      | Rm < 1000 N/mm²        | 8a  | ●●○ 2/3    |
|                                            |                         | Rm > 1000 N/mm²        | 8b  | ●●○ 2/3    |
| Cuivre, laiton, bronze                     | Cuivreux                | Rm < 850 N/mm²         | 9a  | ●●○ 2/3    |
|                                            |                         | Rm > 850 N/mm²         | 9b  | ●●○ 2/3    |
| Aluminium                                  | Alliages aluminium      | Si < 0.5%              | 10a | ●●○ 2/3    |
|                                            |                         | 0.5% < Si < 5%         | 10b | ●●○ 2/3    |
|                                            |                         | Si > 5%                | 10c | ●●● 3/3    |
| Matières synthétiques                      | Plastiques techniques   | Thermoplastique        | 11a | ●○○ 1/3    |
|                                            |                         | Thermodurcissable      | 11b | ●○○ 1/3    |
| Matières composites                        | Composites renforcés    | Fibre de verre / GFK   | 12a | ●●● 3/3    |
|                                            |                         | Fibre de carbone / KFK | 12b | ●●● 3/3    |
| Métaux précieux                            | Or, platine, argent     | Or                     | 13a | ●●○ 2/3    |
|                                            |                         | Platine                | 13b | ●●○ 2/3    |

DESSIN TECHNIQUE



DIMENSIONS

| DIMENSIONS NOMINALES |        |
|----------------------|--------|
| D (0 / -0.01)        | 1.8 mm |
| d (h5)               | 3 mm   |
| L                    | 38 mm  |
| l1                   | 0.4 mm |
| l3                   | 5.4 mm |
| d3                   | -      |
| R                    | -      |
| e                    | -      |
| Z                    | 3      |
| Chanfrein K          | -      |
| w° collision         | 4.5°   |



