

ALÉSOIR-MACHINE-DENTURE-HÉLICOÏDALE-MD-E2 ·  
MACHINE-REAMER-SPIRAL-FLUTED-SC-E2 ·  
MASCHINEN-REIBAHLEN-SPIRALGENUTET-HM-E2



SWISS MADE

47420-11.98 Version du 11.09.2026

E2

NUANCE SUBMICROGRAINS USINAGE HAUTE VITESSE DE MATIÈRES ABRASIVES

$\lambda = -5^\circ$   
 $\gamma = 5^\circ$

ANGLES D'HÉLICE  $-5^\circ$  ET DE COUPE  $5^\circ$

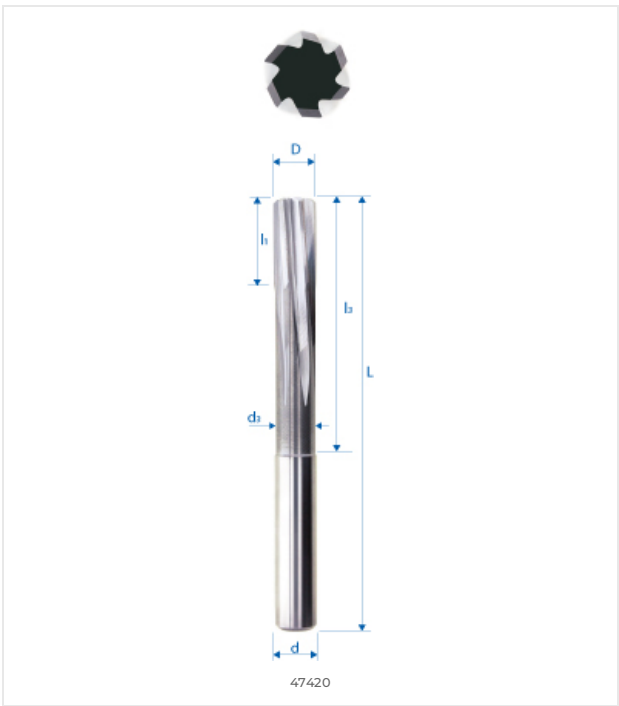
COMPATIBILITÉ MATIÈRE

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

Compatibilité du produit avec les matières

| CATÉGORIE                                                       | MATIÈRE | SPÉCIFICATION                | GRP | 47420-11.98 |
|-----------------------------------------------------------------|---------|------------------------------|-----|-------------|
| Aciers alliés et non alliés<br><small>Aciers non alliés</small> |         | Rm < 450 N/mm <sup>2</sup>   | 1a  | ●●○ 2/3     |
|                                                                 |         | Rm 450–700 N/mm <sup>2</sup> | 1b  | ●●○ 2/3     |
|                                                                 |         | Rm 700–900 N/mm <sup>2</sup> | 1c  | ●●○ 2/3     |
|                                                                 |         | Rm > 1200 N/mm <sup>2</sup>  | 1d  | ●●○ 2/3     |
| Aciers Inox<br><small>Aciers inoxydables</small>                |         | Rm < 650 N/mm <sup>2</sup>   | 2a  | ●●○ 2/3     |
|                                                                 |         | Rm 650–950 N/mm <sup>2</sup> | 2b  | ●●○ 2/3     |
|                                                                 |         | Rm > 950 N/mm <sup>2</sup>   | 2c  | ●●○ 2/3     |
| Aciers trempés<br><small>Aciers durcis</small>                  |         | 44–56 HRC                    | 3a  | ●○○ 1/3     |
|                                                                 |         | 57–67 HRC                    | 3b  | ○○○ 0/3     |
| Matériaux exotiques<br><small>Alliages spéciaux</small>         |         | < 32 HRC                     | 4a  | ●●○ 2/3     |
|                                                                 |         | > 32 HRC                     | 4b  | ●●○ 2/3     |
| Graphite<br><small>Graphite industriel</small>                  |         |                              | 5   | ●●○ 2/3     |
| Fontes<br><small>Fonte grise / nodulaire</small>                |         | < 32 HRC                     | 6a  | ●●○ 2/3     |
|                                                                 |         | > 32 HRC                     | 6b  | ●●○ 2/3     |
| Titane<br><small>Alliages titane</small>                        |         | Rm < 600 N/mm <sup>2</sup>   | 7a  | ●●○ 2/3     |
|                                                                 |         | 600 < Rm N/mm <sup>2</sup>   | 7b  | ●●○ 2/3     |
| Alliages Nickel<br><small>Inconel, Hastelloy</small>            |         | Rm < 1000 N/mm <sup>2</sup>  | 8a  | ●○○ 1/3     |
|                                                                 |         | Rm > 1000 N/mm <sup>2</sup>  | 8b  | ●○○ 1/3     |
| Cuivre, laiton, bronze<br><small>Cuivreux</small>               |         | Rm < 850 N/mm <sup>2</sup>   | 9a  | ●●● 3/3     |
|                                                                 |         | Rm > 850 N/mm <sup>2</sup>   | 9b  | ●●● 3/3     |
| Aluminium<br><small>Alliages aluminium</small>                  |         | Si < 0.5%                    | 10a | ●●● 3/3     |
|                                                                 |         | 0.5% < Si < 5%               | 10b | ●●● 3/3     |
|                                                                 |         | Si > 5%                      | 10c | ●●○ 2/3     |
| Matières synthétiques<br><small>Plastiques techniques</small>   |         | Thermoplastique              | 11a | ●●● 3/3     |
|                                                                 |         | Therm durcissable            | 11b | ●●● 3/3     |
| Matières composites<br><small>Composites renforcés</small>      |         | Fibre de verre / GFK         | 12a | ●●○ 2/3     |
|                                                                 |         | Fibre de carbone / KFK       | 12b | ●●○ 2/3     |
| Métaux précieux<br><small>Or, platine, argent</small>           |         | Or                           | 13a | ●●● 3/3     |
|                                                                 |         | Platine                      | 13b | ●○○ 1/3     |

DESSIN TECHNIQUE



DIMENSIONS

| DIMENSIONS NOMINALES |          |
|----------------------|----------|
| D (0 / -0.01)        | 11.98 mm |
| d (h5)               | 11.98 mm |
| L                    | 100 mm   |
| l1                   | 19 mm    |
| l3                   | 59 mm    |
| d3                   | –        |
| R                    | –        |
| e                    | –        |
| Z                    | 6        |
| Chanfrein K          | 1.2      |
| w° collision         | –        |



E-SHOP / EZI CUT  
eskenazi.ch/eshop/47420-11.98

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