

# FRAISE-UGV-HÉMISPHERIQUE-MD-E2+-EZI-DUR-POUR-MÉTAUX-DURS · BALL-NOSE-ENDMILL-FOR-HSC-SC-E2+-EZI-DUR- · HALBRUND-FRÄSER-HSC-HM-E2+-EZI-DUR-



SWISS MADE

23421X-3-6

Version du 21.06.2026



## COMPATIBILITÉ MATIÈRE

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

MATIÈRE	SPÉCIFICATION	GRP	23421X-3-6
<b>Aciers alliés et non alliés</b> <small>Aciers non alliés</small>	Rm < 450 N/mm <sup>2</sup>	1a	●○○
	Rm 450–700 N/mm <sup>2</sup>	1b	●○○
	Rm 700–900 N/mm <sup>2</sup>	1c	●○○
	Rm > 1200 N/mm <sup>2</sup>	1d	●●○
<b>Aciers Inox</b> <small>Aciers inoxydables</small>	Rm < 650 N/mm <sup>2</sup>	2a	●○○
	Rm 650–950 N/mm <sup>2</sup>	2b	●○○
	Rm > 950 N/mm <sup>2</sup>	2c	●○○
<b>Aciers trempés</b> <small>Aciers durcis</small>	44–56 HRC	3a	●●●
	57–67 HRC	3b	●●●
<b>Matériaux exotiques</b> <small>Alliages spéciaux</small>	< 32 HRC	4a	●●●
	> 32 HRC	4b	●●●
<b>Graphite</b> <small>Graphite industriel</small>		5	●○○
<b>Fontes</b> <small>Fonte grise / nodulaire</small>	< 32 HRC	6a	●○○
	> 32 HRC	6b	●○○
<b>Titane</b> <small>Alliages titane</small>	Rm < 600 N/mm <sup>2</sup>	7a	●○○
	600 < Rm N/mm <sup>2</sup>	7b	●●○
<b>Alliages Nickel</b> <small>Inconel, Hastelloy</small>	Rm < 1000 N/mm <sup>2</sup>	8a	●●●
	Rm > 1000 N/mm <sup>2</sup>	8b	●●●
<b>Cuivre, laiton, bronze</b> <small>Cuivreux</small>	Rm < 850 N/mm <sup>2</sup>	9a	○○○
	Rm > 850 N/mm <sup>2</sup>	9b	○○○
<b>Aluminium</b> <small>Alliages aluminium</small>	Si < 0.5%	10a	○○○
	0.5% < Si < 5%	10b	○○○
	Si > 5%	10c	○○○
<b>Matières synthétiques</b> <small>Plastiques techniques</small>	Thermoplastique	11a	○○○
	Thermodurcissable	11b	○○○
<b>Matières composites</b> <small>Composites renforcés</small>	Fibre de verre / GFK	12a	○○○
	Fibre de carbone / KFK	12b	○○○
<b>Métaux précieux</b> <small>Or, platine, argent</small>	Or	13a	○○○
	Platine	13b	○○○

## DESSIN TECHNIQUE



## DIMENSIONS

DIMENSIONS NOMINALES	
D (0 / -0.01)	3 mm
d (h5)	6 mm
L	68 mm
l1	4 mm
l3	8 mm
d3	–
R	–
e	–
Z	2
Chanfrein K	–
w° collision	6.2°



E-SHOP / EZI CUT  
eskenazi.ch/eshop/23421X-3-6