

Micro end mill Z4 for micro machining centers

M3520



Material	Vc / Vc rec.	Uncoated	Coated	Coat recomm.*
Steel < 700 N/mm ²	320 / 360	□	■	Tisi
Steel > 700 N/mm ²	240 / 275	-	■	Tisi
Stainless steel	310 / 350	-	■	Tisi
Cast iron	290 / 350	□	■	Tisi
Copper	320 / 365	□	■	Solo
Brass - Bronze	330 / 370	■	■	Solo
Aluminium	350 / 400	■	■	Solo
Gold - Silver	270 / 300	-	■	Solo
Platinum - Palladium	220 / 240	-	■	Solo
Superalloys	240 / 275	-	■	Tisi
Titanium	270 / 300	□	■	MARC

Unsuitable - Suitable □ Versuitable ■

Available raw or
coated

Tolerances

$d_1 \leq 1\text{mm} : 0/-0.01$
 $d_1 > 1\text{mm} : 0/-0.02$
 $d_1=D : d_1:e8$

D: h5

CARB

45°

λ 38°

Z4

λ 10°

ap

ap

$ap=0.1 \times d_1$ $ae=d_1/20$
 $ap=l_1$

Art. n°	d1	l1	D	L
M3520d0.50	0.50	1	3	28
M3520d0.70	0.70	1.4	3	28
M3520d1.00	1.00	2	3	28
M3520d1.50	1.50	3	3	28
M3520d2.00	2.00	4	3	28
M3520d2.50	2.50	5	3	28
M3520d3.00	3.00	6	3	28

Options
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swiss made

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