


Solid carbide mini milling cutter, uncoated, Ø e8 DC: 0,5mm

Order data

Order number	202262 0,5
GTIN	4045197861832
Item class	12X

Description
Version:

Shank similar to **DIN 6535 HB**.

Save on regrinding costs:

It is cheaper to use solid carbide mini milling cutters to the wear limit than to regrind them.

Technical description

Flute length L_c	1.5 mm
Overall length L	38 mm
Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.003 mm
Shank $\varnothing D_s$	3 mm
Tolerance nominal \varnothing	e8
No. of teeth Z	3
Cutting edge $\varnothing D_c$	0.5 mm
Feed f_z for side milling in steel $< 750 \text{ N/mm}^2$	0.003 mm
Shank	Parallel shank to h6
Direction of infeed	horizontal, oblique and vertical
Shank form	HA
Helix angle	30 degrees
Corner chamfer angle	45 degrees

Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable only under restricted conditions	170 m/min	N
Aluminium (short chipping)	suitable	140 m/min	N
Alu > 10% Si	suitable	100 m/min	N
Steel < 500 N/mm ²	suitable	70 m/min	P
Steel < 750 N/mm ²	suitable	60 m/min	P
Steel < 900 N/mm ²	suitable	45 m/min	P
INOX < 900 N/mm ²	suitable only under restricted conditions	40 m/min	M
GG(G)	suitable only under restricted conditions	55 m/min	K
Uni	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	Suitable		
dry	suitable only under restricted conditions		
Air	Suitable		

