



## Solid carbide mini milling cutter, uncoated, Ø e8 DC: 4,5mm



### Order data

Order number	202262 4,5
GTIN	4045197864093
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

Tolerance nominal Ø	e8
Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.025 mm
Shank form	HB
No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø $D_c$	4.5 mm
Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.02 mm
Overall length L	45 mm
Shank	HB with h6
Shank Ø $D_s$	6 mm
Flute length $L_c$	7 mm
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 <sup>2</sup>	suitable	70 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	60 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	45 m/min	P
INOX < 900 N/mm <sup>2</sup>	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		

