



## Solid carbide mini milling cutter, uncoated, Ø e8 DC: 12mm



### Order data

Order number	202266 12
GTIN	4045197864888
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

Cutting edge Ø D <sub>c</sub>	12 mm
Overall length L	60 mm
Shank form	HB
Tolerance nominal Ø	e8
Shank	HB with h6
Direction of infeed	horizontal, oblique and vertical
Feed f <sub>z</sub> for slot milling in steel < 750 N/mm <sup>2</sup>	0.07 mm
Shank Ø D <sub>s</sub>	12 mm
Flute length L <sub>c</sub>	15 mm
Feed f <sub>z</sub> for side milling in steel < 750 N/mm <sup>2</sup>	0.1 mm
No. of teeth Z	3
Helix angle	45 degrees
Corner chamfer angle	90 degrees

Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
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		

