

**Solid carbide mini milling cutter, uncoated, Ø e8 DC: 5,5mm****Order data**

Order number	202262 5,5
GTIN	4045197864116
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

Feed f_z for side milling in steel $< 750 \text{ N/mm}^2$	0.04 mm
Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.03 mm
Flute length L_c	8 mm
Shank form	HB
Shank Ø D_s	6 mm
Shank	HB with h6
Overall length L	45 mm
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Tolerance nominal Ø	e8
Cutting edge Ø D_c	5.5 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	$0.3 \times D$ for side milling
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 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		

