


Solid carbide mini milling cutter, uncoated, Ø e8 DC: 9,7mm

Order data

Order number	202262 9,7
GTIN	4045197864208
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	11 mm
Shank $\varnothing D_s$	10 mm
No. of teeth Z	3
Shank	HB with h6
Overall length L	55 mm
Direction of infeed	horizontal, oblique and vertical
Cutting edge $\varnothing D_c$	9.7 mm
Feed f_z for side milling in steel $< 750 \text{ N/mm}^2$	0.08 mm
Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.05 mm
Tolerance nominal \varnothing	e8
Shank form	HB
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		

