

**Garant**
**Solid carbide mini milling cutter, AlCrN, Ø e8 DC: 12mm**

**Order data**

Order number	GG1264 12
GTIN	4045197907110
Item class	GGN

**Description**
**Version:**

Shank similar to **DIN 6535 HB**. Improved coating for general-purpose applications in steel and cast iron.

**Same as No. 202264.**

**Technical description**

Flute length $L_c$	15 mm
Feed $f_z$ for side milling in steel $< 750 \text{ N/mm}^2$	0.1 mm
Shank form	HB
Shank	DIN 6535 HB to h6
Overall length $L$	60 mm
No. of teeth $Z$	3
Cutting edge $\varnothing D_c$	12 mm
Corner chamfer width at $45^\circ$	0.3 mm
Shank $\varnothing D_s$	12 mm
Helix angle	45 degrees

Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.07 mm
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal $\varnothing$	e8
Contents	5
Coating	AlCrN
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	$0.5 \times D$ for side milling
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable	280 m/min	N
Alu > 10% Si	suitable	200 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	110 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	60 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	70 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	50 m/min	M
GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		

dry	suitable only under restricted conditions
Air	suitable

---

## Accessories

Solid carbide mini milling cutter Ø e8 DC 12 mm	202264 12
---	-----------