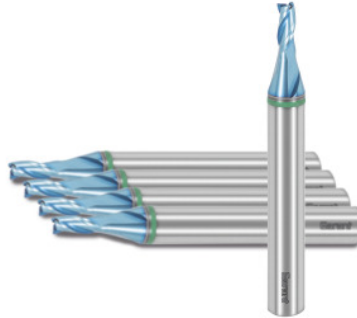


**Garant**
**GARANT Master Steel solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 0,8mm**

**Order data**

Order number	GG2289 0,8
GTIN	4067263090793
Item class	GGN

**Description**
**Version:**

**Extra short cutter** for maximum stability. **Shank length to DIN** for improved support of the tool in the holder. This significantly increases the tool life.

**Save the regrinding costs:** It is cheaper to use a carbide mini milling cutter to the limit of wear and throw it away, than to regrind it.

**Same as No. 202289.**

**Technical description**

Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D <sub>c</sub>	0.8 mm
Feed f <sub>z</sub> for slot milling in steel < 900 N/mm <sup>2</sup>	0.003 mm
Flute length L <sub>c</sub>	2 mm
Corner chamfer angle	90 degrees
No. of teeth Z	3

Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	e8
Shank form	HA
Contents	5
Helix angle	30 degrees
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.005 mm
Overall length L	38 mm
Shank $\varnothing D_s$	3 mm
Series	Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Works standard
Type	N
Cutting width $a_e$ for milling operation	0.3×D for side milling
Cutting width $a_e$ for milling operation	0.5×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	290 m/min	N
Alu > 10% Si	suitable only under restricted conditions	240 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	120 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	50 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	90 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	70 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable only under restricted conditions	40 m/min	S
GG(G)	suitable	85 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		

## Accessories

GARANT Master Steel solid carbide mini milling cutterHPC  
 Ø e8 DC 0,8 mm

202289 0,8