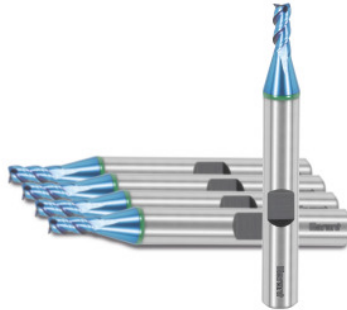


Garant
Value pack GARANT Master Steel solid carbide mini milling cutter HPC, 5 pieces

Order data

Order number	GG2297 6
GTIN	4067263091899
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. 202297.

Technical description

Shank form	HB
Corner chamfer width at 45°	0.04 mm
No. of teeth Z	3
Cutting edge $\varnothing D_c$	6 mm
Tolerance nominal \varnothing	e8
Feed f_z for slot milling in steel < 900 N/mm ²	0.03 mm
Flute length L_c	10 mm

Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	6 mm
Overall length L	50 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.035 mm
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Contents	5
Shank	DIN 6535 HB to h6
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 ²	suitable	140 m/min	P
Steel < 750 N/mm ²	suitable	120 m/min	P
Steel < 900 N/mm ²	suitable	100 m/min	P

Steel < 1100 N/mm ²	suitable	70 m/min	P
Steel < 1400 N/mm ²	suitable	50 m/min	P
INOX < 900 N/mm ²	suitable	90 m/min	M
INOX > 900 N/mm ²	suitable	70 m/min	M
Ti > 850 N/mm ²	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 6 mm

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GARANT Master Steel solid carbide mini-milling cutterHPC
Ø e8 DC 6 mm

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