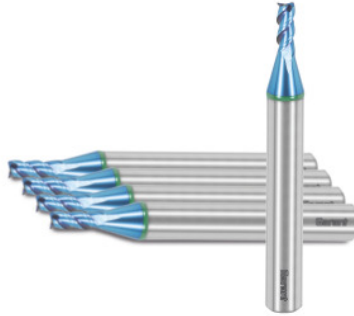


Garant
Value pack GARANT Master Steel solid carbide mini milling cutter HPC, 5 pieces

Order data

| | |
|--------------|---------------|
| Order number | GG2295 2 |
| GTIN | 4067263091455 |
| 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. 202295.

Technical description

| | |
|-----------------------------|----------------------------------|
| Corner chamfer angle | 45 degrees |
| Shank $\varnothing D_s$ | 6 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA to h6 |
| Corner chamfer width at 45° | 0.03 mm |
| Shank form | HA |
| Helix angle | 45 degrees |

| | |
|--|------------------------|
| Flute length L_c | 4 mm |
| Overall length L | 50 mm |
| Tolerance nominal \varnothing | e8 |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.012 mm |
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.01 mm |
| Cutting edge $\varnothing D_c$ | 2 mm |
| Contents | 5 |
| No. of teeth Z | 3 |
| 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 2 mm

202295 2