

## Garant

**GARANT Power Q Mini high feed rate milling cutter, Weldon shank, Ø D / number of effective cutting edges Z: 20/3 mm**



### Order data

Order number	213052 20/3
GTIN	4062406566326
Item class	210

### Description

#### Version:

High feed rate milling system for **smaller machining diameters** and **greater operating depths**. Particularly **effective due to the large number of cutting edges**.

#### Spare part:

Pack of insert screws No. 219799 9 (7IP; 1.2Nm).

#### Note:

Use GARANT torque screwdriver TQ No. **211750 size 1.2** with bit No. **674252 size 7IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 3

Ø D<sub>3</sub>: 14 mm

Overhang L<sub>1</sub>: 50 mm

Overall length L<sub>tot</sub>: 130 mm

Shank Ø D<sub>s</sub> h6: 20 mm

Circular interpolation milling Ø D<sub>min</sub>: 29.1 mm

### Technical description

Ramping length L for α <sub>max</sub>	14.3 mm
Number of cutting edges Z	3
Cutting edge Ø D <sub>c</sub>	20 mm
Overhang L <sub>1</sub>	50 mm
Through-coolant	yes

Overall length $L_{tot}$	130 mm
Shank $\varnothing D_s$ h6	20 mm
Circular interpolation milling $\varnothing D_{max}$	39.5 mm
Circular interpolation milling $a_p$	1 mm
$\varnothing D_3$	14 mm
Circular interpolation milling $\varnothing D_{min}$	29.1 mm
Ramping angle $\alpha_{max}$	4 degrees
Shank type	Weldon shank
Milling application	Circular milling
Milling application	Circular milling
Milling application	Plunging
Machining strategy	HPC
Tool exchange	PowerCard