

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

Order data

Order number	213054 20/3
GTIN	4062406566432
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 D₃: 14 mm

Overhang L₁: 50 mm

Overall length L_{tot}: 130 mm

Shank Ø D_s h6: 20 mm

Circular interpolation milling Ø D_{min}: 29.1 mm

Technical description

Shank Ø D _s h6	20 mm
Ramping angle α _{max}	4 degrees
Overhang L ₁	50 mm
Number of cutting edges Z	3
Circular interpolation milling Ø D _{max}	39.5 mm

Overall length L_{tot}	130 mm
Ramping length L for α_{max}	14.3 mm
Circular interpolation milling a_p	1 mm
Circular interpolation milling $\varnothing D_{\text{min}}$	29.1 mm
Through-coolant	yes
Cutting edge $\varnothing D_c$	20 mm
$\varnothing D_3$	14 mm
Shank type	Plain shank
Milling application	Ramping
Milling application	Plunging
Milling application	Circular milling
Machining strategy	HPC
Tool exchange	PowerCard