

## Garant

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



### 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**.

### Technical description

Ramping length L for $\alpha_{\max}$	12.4 mm
Number of cutting edges Z	3
Cutting edge $\varnothing D_c$	20 mm
Overhang $L_1$	50 mm
Through-coolant	yes
Overall length $L_{\text{tot}}$	130 mm
suitable indexable insert	ANGX10T308ZE.R
Shank $\varnothing D_s$ h6	20 mm
Circular interpolation milling $\varnothing D_{\max}$	38 mm
Circular interpolation milling $a_p$	1 mm

Ø D <sub>3</sub>	14 mm
Series	Power Q
Circular interpolation milling Ø D <sub>min</sub>	34 mm
Ramping angle α <sub>max</sub>	1.62 degrees
Setting angle κ	20 degrees
Shank type	Weldon shank
Milling application	Circular milling
Milling application	Circular milling
Milling application	Plunging
Machining strategy	HPC
Tool exchange	PowerCard
Type of product	Copy mill