

**Garant**

**GARANT Power Q Mini high feed rate indexable milling cutter, with threaded shank, Ø D / number of effective cutting edges Z: 22/3mm**


**Order data**

Order number	213056 22/3
GTIN	4062406566579
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**.

When working with extensions, always use internal cooling.

**Technical description**

Ramping length L for $\alpha_{\max}$	14.4 mm
Ø D <sub>1</sub> h6	10.5 mm
Number of cutting edges Z	3
Mounting thread M	M10
Circular interpolation milling Ø D <sub>min</sub>	38 mm
Circular interpolation milling Ø D <sub>max</sub>	42 mm
Series	Power Q
Ø D <sub>3</sub>	16 mm

Overall length $L_{tot}$	30 mm
Cutting edge $\varnothing D_c$	22 mm
Circular interpolation milling $a_p$	1 mm
Through-coolant	yes
suitable indexable insert	ANGX10T308ZE.R
Ramping angle $\alpha_{max}$	1.39 degrees
$\varnothing D_2$	18 mm
Shank type	with threaded shank
Milling application	Circular milling
Milling application	Plunging
Milling application	Plunging
Machining strategy	HPC
Tool exchange	PowerCard
Type of product	Copy mill