

Garant

GARANT Power Q Mini high feed rate milling cutter, with thread, \varnothing D / number of effective cutting edges Z: 42/5 mm



Order data

Order number	213056 42/5
GTIN	4062406566616
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.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 5

\varnothing D₁ h6: 17 mm

\varnothing D₂: 29 mm

\varnothing D₃: 36 mm

Overall length L_{tot}: 40 mm

Mounting thread M: M16

Technical description

Through-coolant	yes
\varnothing D ₂	29 mm
Circular interpolation milling \varnothing D _{min}	73.1 mm

$\varnothing D_3$	36 mm
Overall length L_{tot}	40 mm
Cutting edge $\varnothing D_c$	42 mm
Circular interpolation milling $\varnothing D_{max}$	83.5 mm
Ramping length L for α_{max}	40.9 mm
Number of cutting edges Z	5
Ramping angle α_{max}	1.4 degrees
Circular interpolation milling a_p	1 mm
$\varnothing D_1 h6$	17 mm
Mounting thread M	M16
Shank type	with thread
Milling application	Circular milling
Milling application	Plunging
Milling application	Plunging
Machining strategy	HPC
Tool exchange	PowerCard