

Garant

GARANT Power Q Double high feed rate indexable milling cutter, with thread, Ø D / number of effective cutting edges Z: 42/4 mm


Order data

Order number	213004 42/4
GTIN	4062406266691
Item class	210

Description
Version:

Tool system with **extremely stable embedding for the inserts** for **working to high process reliability**. **Tool geometries to reduce the cutting forces** contribute significantly to **reducing the load on the headstock**.

Spare part:

Pack of insert screws No. 219799 7 (10IP; 2.8Nm).

Note:

Use GARANT torque screwdriver TQ No. **211750 size 2.8** with bit No. **674252 size 10IP**.

When working with extensions, always use internal cooling.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 4

Ø D₁ h6: 17 mm

Ø D₂: 29 mm

Ø D₃: 32 mm

Overall length L_{tot}: 47 mm

Mounting thread M: M16

Technical description

Overall length L _{tot}	47 mm
Circular interpolation milling Ø D _{min}	74 mm

Cutting edge $\varnothing D_c$	42 mm
Circular interpolation milling $\varnothing D_{max}$	82 mm
$\varnothing D_2$	29 mm
$\varnothing D_3$	32 mm
Ramping angle α_{max}	203 degrees
Circular interpolation milling a_p	1.2 mm
Through-coolant	yes
Number of cutting edges Z	4
Ramping length L for α_{max}	2898 mm
suitable indexable insert	XOMU094812
$\varnothing D_1$ h6	17 mm
Mounting thread M	M16
Shank type	with thread
Milling application	Plunging
Milling application	Ramping
Milling application	Circular milling
Machining strategy	HPC
Tool exchange	PowerCard