

Garant

GARANT Power Q Double high feed rate indexable milling cutter, with threaded shank, $\varnothing D$ / number of effective cutting edges Z: 42/4mm



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.

Technical description

Overall length L_{tot}	47 mm
Circular interpolation milling $\varnothing D_{min}$	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}	1.16 degrees

Series	Power Q
Circular interpolation milling a_p	1.2 mm
Through-coolant	yes
Number of cutting edges Z	4
Ramping length L for α_{max}	29.55 mm
suitable indexable insert	XOMU094812
$\varnothing D_1$ h6	17 mm
Mounting thread M	M16
Shank type	with threaded shank
Milling application	Plunging
Milling application	Ramping
Milling application	Circular milling
Machining strategy	HPC
Tool exchange	PowerCard
Type of product	Copy mill

Accessories

PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 10IP	674252 10IP
Torque screwdriver, fixed setting set torque 2,8 N·m	211750 2,8
Set of insert screws 10 pieces Type 7	219799 7