

Garant

GARANT Power Q Double high feed rate indexable milling cutter, with bore, \emptyset D / number of effective cutting edges Z: 50/4mm



Order data

Order number	213014 50/4
GTIN	4062406266844
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 8 (20IP; 5.7Nm).

Note:

Use GARANT torque screwdriver TQ No. **211750 size 5.7** with bit No. **674252 size 20IP.**

Technical description

Circular interpolation milling $\emptyset D_{\min}$	84 mm
Ramping angle α_{\max}	1.47 degrees
Circular interpolation milling $\emptyset D_{\max}$	98 mm
Circular interpolation milling a_p	2 mm
Setting angle κ	16 degrees
Cutting edge $\emptyset D_c$	50 mm

Overall length L_{tot}	50 mm
suitable indexable insert	XOMU146715
Number of cutting edges Z	4
Mounting bore \varnothing	22 mm
Through-coolant	yes
$\varnothing D_3$	34 mm
Ramping length L for α_{max}	31.07 mm
Series	Power Q
Fz Helix	0.8
Shank type	with bore
Milling application	Ramping
Milling application	Plunging
Milling application	Plunging
Machining strategy	HPC
Tool exchange	PowerCard
Type of product	Copy mill

Accessories

Set of insert screws 10 pieces Type 8	219799 8
Torque screwdriver, fixed setting set torque 5,7 N·m	211750 5,7
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 20IP	674252 20IP