

Garant

GARANT Power Q Double high feed rate indexable milling cutter, with bore, \emptyset D / number of effective cutting edges Z: 52/4mm



Order data

Order number	213014 52/4
GTIN	4062406266851
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

suitable indexable insert	XOMU146715
Through-coolant	yes
Circular interpolation milling a_p	2 mm
Cutting edge $\emptyset D_c$	52 mm
Setting angle κ	16 degrees
Circular interpolation milling $\emptyset D_{min}$	88 mm

Overall length L_{tot}	50 mm
Series	Power Q
Circular interpolation milling $\varnothing D_{max}$	102 mm
Number of cutting edges Z	4
Ramping length L for α_{max}	33.07 mm
$\varnothing D_3$	36 mm
Mounting bore \varnothing	22 mm
Ramping angle α_{max}	1.39 degrees
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