

Garant

GARANT Power Q Double high feed rate indexable milling cutter, with bore, \emptyset D / number of effective cutting edges Z: 100/8mm



Order data

Order number	213014 100/8
GTIN	4062406266899
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
Ramping angle α_{\max}	0.57 degrees
Overall length L_{tot}	63 mm
Series	Power Q
Mounting bore \emptyset	32 mm
Circular interpolation milling $\emptyset D_{\max}$	198 mm

Cutting edge $\varnothing D_c$	100 mm
$\varnothing D_3$	84 mm
Through-coolant	yes
Circular interpolation milling a_p	2 mm
Ramping length L for α_{max}	81.07 mm
Circular interpolation milling $\varnothing D_{min}$	184 mm
Number of cutting edges Z	8
Setting angle κ	16 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