

Garant

GARANT Power Q Double high feed rate indexable milling cutter, with bore, Ø D / number of effective cutting edges Z: 80/6mm


Order data

Order number	213014 80/6
GTIN	4062406266882
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

Ø D ₃	64 mm
suitable indexable insert	XOMU146715
Circular interpolation milling a _p	2 mm
Ramping angle α _{max}	0.75 degrees
Mounting bore Ø	32 mm
Ramping length L for α _{max}	61.07 mm

Series	Power Q
Overall length L_{tot}	50 mm
Setting angle κ	16 degrees
Circular interpolation milling $\varnothing D_{\text{max}}$	158 mm
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\text{min}}$	144 mm
Number of cutting edges Z	6
Cutting edge $\varnothing D_c$	80 mm
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