

Garant

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



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**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 6

Ø D₃: 84 mm

Overall length L_{tot}: 50 mm

Mounting bore Ø: 32 mm

Circular interpolation milling Ø D_{min}: 144 mm

Circular interpolation milling Ø D_{max}: 158 mm

Technical description

Ø D ₃	84 mm
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suitable indexable insert	XOMU146715
Circular interpolation milling a_p	2 mm
Ramping angle α_{max}	1.35 degrees
Mounting bore \varnothing	32 mm
Ramping length L for α_{max}	59.83 mm
Overall length L_{tot}	50 mm
Circular interpolation milling $\varnothing D_{max}$	158 mm
Through-coolant	yes
Circular interpolation milling $\varnothing D_{min}$	144 mm
Number of cutting edges Z	6
Cutting edge $\varnothing D_c$	80 mm
Shank type	with bore
Milling application	Ramping
Milling application	Plunging
Milling application	Plunging
Machining strategy	HPC
Tool exchange	PowerCard