

Garant

GARANT Power Q high feed rate indexable milling cutter, with thread, Ø D / number of effective cutting edges Z: 42/3 mm



Order data

Order number	212816 42/3
GTIN	4062406074821
Item class	210

Description

Spare part:

Pack of insert screws No. 219812 (15IP; 5.0Nm).

Note:

When working with extensions, always use internal cooling.

Use GARANT torque screwdriver TQ No. **211750 size 5.0** with bit No. **674252 size 15IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 3

Ø D₁ h6: 17 mm

Ø D₂: 29 mm

Ø D₃: 26.5 mm

Overall length L_{tot}: 60 mm

Mounting thread M: M16

Technical description

Ø D ₂	29 mm
Circular interpolation milling Ø D _{max}	81 mm
Number of cutting edges Z	3
Circular interpolation milling Ø D _{min}	58 mm
Ø D ₃	26.5 mm

Mounting thread M	M16
Through-coolant	yes
Ramping angle $\alpha_{\max}$	3.4 degrees
Cutting edge $\varnothing D_c$	42 mm
suitable indexable insert	XDM.120516
Overall length L_{tot}	60 mm
$\varnothing D_1$ h6	17 mm
Circular interpolation milling a_p	1.5 mm
Ramping length L for $\alpha_{\max}$	33.9 mm
Shank type	with thread
Milling application	Plunging
Milling application	Ramping
Milling application	Circular milling
Machining strategy	HPC
Tool exchange	PowerCard

Accessories

Torque screwdriver, fixed setting set torque 5,0 Nm	211750 5,0
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP