

Garant

GARANT Power Q high feed rate indexable milling cutter, Plain shank, $\varnothing D$ / number of effective cutting edges Z: 20/3 mm



Order data

Order number	212803 20/3
GTIN	4045197938275
Item class	210

Description

Spare part:

Pack of insert screws No. 219799 1 (8IP; 1.2Nm).

Note:

Use GARANT torque screwdriver TQ No. **211750 size 1.2** with bit No. **674252 size 8IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 3

$\varnothing D_3$: 12 mm

Overhang L_1 : 100 mm

Overall length L_{tot} : 180 mm

Shank $\varnothing D_s$ h6: 20 mm

Circular interpolation milling $\varnothing D_{min}$: 32 mm

Technical description

Number of cutting edges Z	3
Cutting edge $\varnothing D_c$	20 mm
Shank $\varnothing D_s$ h6	20 mm
$\varnothing D_3$	12 mm
Circular interpolation milling $\varnothing D_{min}$	32 mm
Ramping length L for α_{max}	10.1 mm
Overall length L_{tot}	180 mm

suitable indexable insert	XOM.060310
Overhang L_1	100 mm
Through-coolant	yes
Circular interpolation milling a_p	0.3 mm
Ramping angle α_{max}	2.3 degrees
Circular interpolation milling $\varnothing D_{max}$	38 mm
Setting angle κ	14.41 degrees
Shank type	Plain shank
Milling application	Ramping
Milling application	Plunging
Milling application	Circular milling
Machining strategy	HPC
Tool exchange	PowerCard

Accessories

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP
Torque screwdriver, fixed setting set torque 1,2 Nm	211750 1,2