Garant

GARANT Softcut 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z: 20/5mm

Order data

Order number	215615 20/5
GTIN	4045197409966
Item class	21O

Description

Version:
High precision indexable shoulder mill with irregular pitch for very smooth cutting, very high precision and very high metal removal rate. **New generation** of high performance indexable shoulder mills **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power.**
Application:
For shoulder milling to large depths, also slotting. General use in all steels including stainless and acid-resistant steels.
Spare part:
Pack of insert screws No. 219827 (6IP; 0.45 Nm).
Note:
GARANT torque screwdriver TQ No. **211750 size 0.45**, use bit No. **674252 size 6IP**.
The insert pocket must be modified when using indexable inserts with a radius of 2 mm.

Technical description

Mounting thread M	M10
Ø D_1 h6	10.5 mm
Ø D_2	17.7 mm
Overall length L_{tot}	30 mm

Cutting edge ∅ D_c	20 mm
suitable indexable insert	AP.. 0602..
Pack of insert screws	219827 (6IP; 0.45 Nm)
Number of cutting edges Z	5
Circular interpolation milling ∅ D_{max}	38 mm
Circular interpolation milling a_p	0.9 mm
Circular interpolation milling ∅ D_{min}	38 mm
Ramping angle α_{max}	0.68 degrees
Ramping length L for α_{max}	16.85 mm
Series	Softcut®
∅ D_3	18 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	End milling
Milling application	Ramping
Milling application	Circular milling
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	End / face mill

Accessories

Torque screwdriver, fixed setting set torque 0,45 N·m	211750 0,45
Set of insert screws10-piece	219827
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP	674252 6IP