Garant

GARANT Softcut 90° shoulder mill MTC, with threaded shank, ∅ D / number of teeth Z: 40/4mm

Order data

Order number	215570 40/4
GTIN	4045197750723
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 steels.
Spare part:
Pack of insert screws No. 219826 (8IP; 2.2 Nm).
Note:
The insert pocket must be modified when using indexable inserts with a radius greater than 2 mm.
GARANT torque screwdriver TQ No. **211750 size 2.2**, use bit No. **674252 size 8IP**.

Technical description

Cutting edge ∅ D_C	40 mm
∅ D_2	28.7 mm
∅ D_1 h6	17 mm

Pack of insert screws	219826 (8IP; 2.2 Nm)
Overall length L_{tot}	40 mm
Mounting thread M	M16
Number of cutting edges Z	4
suitable indexable insert	AP.. 1335..
Circular interpolation milling ∅ D_{max}	78 mm
Circular interpolation milling a_p	1.8 mm
Circular interpolation milling ∅ D_{min}	77 mm
Ramping angle α_{max}	0.5 degrees
Ramping length L for α_{max}	34.5 mm
Series	Softcut®
∅ D_3	37 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	Circular milling
Milling application	Circular milling
Milling application	Ramping
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 2,2 N·m	211750 2,2
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP