Garant

GARANT Softcut 90° shoulder mill MTC, Weldon shank, ∅ D / number of teeth Z: 14/1mm

Order data

Order number	215560 14/1
GTIN	4045197408891
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 into solid. General use in all steels including stainless steels and acid-proof 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

suitable indexable insert	AP.. 1335..
Cutting edge ∅ D_C	14 mm
Overall length L_{tot}	85 mm
Shank ∅ D_s h6	16 mm
Overhang L_1	37 mm

Pack of insert screws	219825 (8IP; 2.2 Nm)
Number of cutting edges Z	1
Ramping length L for α_{max}	8.5 mm
Circular interpolation milling ∅ D_{max}	26 mm
Circular interpolation milling ∅ D_{min}	26 mm
Circular interpolation milling a_p	0.8 mm
Ramping angle α_{max}	2.03 degrees
Series	Softcut®
∅ D_3	12 mm
Shank type	Weldon shank
Setting angle κ	90 degrees
Milling application	End 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
Set of insert screws10-piece	219825
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP