Garant

GARANT Softcut 90° shoulder mill, with bore, ⌀ D / Zeff: 40/4mm

Order data

Order number	215579 40/4
GTIN	4045197455314
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 seat 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**.
Not for ramping or circular plunging!
The insert pocket must be modified when using indexable inserts with a radius greater than 2 mm.

Technical description

Mounting bore ⌀	16 mm
Number of effective inserts Z_{eff}	4

Overall length L_{tot}	55 mm
suitable indexable insert	AP.. 1335..
Pack of insert screws	219826 (8IP; 2.2 Nm)
Cutting edge ∅ D_C	40 mm
maximum cutting depth $a_{p\ max}$	39.5 mm
Series	Softcut®
Number of indexable inserts	16
Shank type	with bore
Setting angle κ	90 degrees
Milling application	End 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 2,2 N·m	211750 2,2
Set of insert screws10-piece	219826
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP