Garant

Softcut® 90° shoulder mill, with bore, Ø D / Zeff: 40/5 mm

Order data

Order number	215579 40/5
GTIN	4045197455321
Item class	21O

Description

Version:
High precision indexable face mill with irregular pitch for very smooth cutting, very high precision, and very high metal removal rate. **New generation** of high performance indexable face mills **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power.**
Application:
For face 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.
Tool exchange: PowerCard
Number of effective inserts Z_{eff}: 5
Number of indexable inserts: 10
maximum cutting depth $a_{p\,max}$: 20 mm
Overall length L_{tot}: 50 mm
Mounting bore Ø: 16 mm
Pack of insert screws: 219826 (8IP; 2.2 Nm)

Technical description

maximum cutting depth $a_{p\,max}$	20 mm
suitable indexable insert	AP.. 1335..
Cutting edge $\varnothing$ D_c	40 mm
Overall length L_{tot}	50 mm
Pack of insert screws	219826 (8IP; 2.2 Nm)
Number of effective inserts Z_{eff}	5
Mounting bore $\varnothing$	16 mm
Number of indexable inserts	10
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

Accessories

Set of insert screws 10-piece	219826
Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP