

Garant

Softcut® 90° shoulder mill, with bore, Ø D / Zeff: 50/5 mm



Order data

Order number	215579 50/5
GTIN	4045197455345
Item class	210

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 $a_{p\text{max}}$: 20 mm

Overall length L_{tot} : 50 mm

Mounting bore Ø: 22 mm

Pack of insert screws: 219826 (8IP; 2.2 Nm)

Technical description

Pack of insert screws	219826 (8IP; 2.2 Nm)
maximum cutting depth $a_{p\max}$	20 mm
Number of effective inserts Z_{eff}	5
Mounting bore \varnothing	22 mm
Overall length L_{tot}	50 mm
suitable indexable insert	AP.. 1335..
Cutting edge $\varnothing D_c$	50 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