

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

**Technical description**

Pack of insert screws	219826 (8IP; 2.2 Nm)
maximum cutting depth $a_{p \max}$	20 mm

Number of effective inserts $Z_{\text{eff}}$	5
Mounting bore $\varnothing$	22 mm
Overall length $L_{\text{tot}}$	50 mm
suitable indexable insert	AP.. 1335..
Cutting edge $\varnothing D_c$	50 mm
Series	Softcut®
Number of indexable inserts	10
Shank type	with bore
Setting angle $\kappa$	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

Set of insert screws 10-piece	219826
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