

**Garant**
**GARANT Softcut® 90° shoulder mill, Weldon shank, Ø D / Zeff: 20/2mm**

**Order data**

Order number	215577 20/2
GTIN	4045197455260
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**

maximum cutting depth $a_{p,max}$	30 mm
Number of effective inserts $Z_{eff}$	2
Overhang $L_1$	45 mm
Overall length $L_{tot}$	95 mm
Cutting edge $\varnothing D_c$	20 mm

Shank Ø D <sub>s</sub> h6	20 mm
Pack of insert screws	219826 (8IP; 2.2 Nm)
suitable indexable insert	AP.. 1335..
Series	Softcut®
Number of indexable inserts	6
Shank type	Weldon shank
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 screws 10-piece	219826
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP