

**Garant**
**GARANT Softcut® 90° shoulder mill, Weldon shank, Ø D / Zeff: 16/2mm**

**Order data**

Order number	215622 16/2
GTIN	4045197573926
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**. **Suitable inserts APMT 0602..**

**Application:**

For end milling including slotting. General use in all steels including stainless steels.

**Spare part:**

Pack of insert screws No. 219827 (6IP; 0.45 Nm).

**Note:**

GARANT torque screwdriver TQ No. **211750 size 0.45**, use bit No. **674252 size 6IP**.

The insert pocket must be modified when using indexable inserts with a radius of 2 mm.

**Not for ramping or circular plunging!**

**Technical description**

maximum cutting depth $a_{p\max}$	22.5 mm
Cutting edge $\varnothing D_c$	16 mm
Shank $\varnothing D_s$ h6	16 mm
Overhang $L_1$	32 mm
Number of effective inserts $Z_{\text{eff}}$	2
suitable indexable insert	AP.. 0602..
Overall length $L_{\text{tot}}$	80 mm

Pack of insert screws	219827 (6IP; 0.45 Nm)
Series	Softcut®
Number of indexable inserts	8
Shank type	Weldon shank
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

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## Accessories

Set of insert screws 10-piece	219827
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP	674252 6IP
Torque screwdriver, fixed setting set torque 0,45 N·m	211750 0,45