

Garant
GARANT Softcut® 90° shoulder mill, Weldon shank, Ø D / Zeff: 20/3mm

Order data

Order number	215622 20/3
GTIN	4045197573933
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

Overhang L_1	40 mm
maximum cutting depth $a_{p\max}$	28 mm
Overall length L_{tot}	90 mm
Cutting edge $\varnothing D_c$	20 mm
suitable indexable insert	AP.. 0602..
Pack of insert screws	219827 (6IP; 0.45 Nm)
Number of effective inserts Z_{eff}	3

Shank \varnothing D _s h6	20 mm
Series	Softcut®
Number of indexable inserts	15
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

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