

Garant

**Softcut® 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z:
20/3 mm**



Order data

Order number	215570 20/3
GTIN	4045197409218
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 pocket 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**.

Overall length L_{tot} : 30 mm

Ø D_1 h6: 10.5 mm

Ø D_2 : 17.7 mm

Mounting thread M: M10

Circular interpolation milling Ø D_{min} : 27.1 mm

Circular interpolation milling Ø D_{max} : 39.1 mm

Technical description

Ø D ₁ h6	10.5 mm
suitable indexable insert	AP.. 1335..
Overall length L _{tot}	30 mm
Pack of insert screws	219826 (8IP; 2.2 Nm)
Ø D ₂	17.7 mm
Cutting edge Ø D _c	20 mm
Mounting thread M	M10
Number of cutting edges Z	3
Circular interpolation milling Ø D _{max}	39.1 mm
Circular interpolation milling a _p	1.7 mm
Circular interpolation milling Ø D _{min}	27.1 mm
Ramping angle α _{max}	4.4 degrees
Ramping length L for α _{max}	117 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	Circular milling
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Indexable insert cutter

Accessories

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP
Set of insert screws 10-piece	219826

Torque screwdriver, fixed setting set torque 2,2 Nm

211750 2,2