

Garant

**Softcut® 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z:
15,7/2 mm**



Order data

Order number	215570 15,7/2
GTIN	4045197409188
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} : 26 mm

$\varnothing D_1$ h6: 8.5 mm

$\varnothing D_2$: 12.7 mm

Mounting thread M: M8

Circular interpolation milling $\varnothing D_{min}$: 19.4 mm

Circular interpolation milling $\varnothing D_{max}$: 31.1 mm

Technical description

Pack of insert screws	219826 (8IP; 2.2 Nm)
-----------------------	----------------------

Ø D ₁ h6	8.5 mm
Overall length L _{tot}	26 mm
suitable indexable insert	AP.. 1335..
Cutting edge Ø D _c	15.7 mm
Ø D ₂	12.7 mm
Mounting thread M	M8
Number of cutting edges Z	2
Circular interpolation milling Ø D _{max}	31.1 mm
Circular interpolation milling a _p	1.2 mm
Circular interpolation milling Ø D _{min}	19.4 mm
Ramping angle α _{max}	6.3 degrees
Ramping length L for α _{max}	81.5 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

Set of insert screws 10-piece	219826
Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP

