

Garant
Softcut® 90° shoulder mill MTC, with bore, Ø D / number of teeth Z: 40/10 mm

Order data

Order number	215620 40/10
GTIN	4045197410030
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. 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.

Overall length L_{tot} : 35 mm

Mounting bore Ø: 16 mm

Circular interpolation milling Ø D_{min} : 72.3 mm

Circular interpolation milling Ø D_{max} : 79.3 mm

Circular interpolation milling a_p : 0.8 mm

Ramping angle α_{max} : 0.5 degrees

Technical description

Mounting bore \varnothing	16 mm
suitable indexable insert	AP.. 0602..
Overall length L_{tot}	35 mm
Cutting edge $\varnothing D_c$	40 mm
Pack of insert screws	219827 (6IP; 0.45 Nm)
Number of cutting edges Z	10
Ramping angle α_{max}	0.5 degrees
Circular interpolation milling a_p	0.8 mm
Ramping length L for α_{max}	503.4 mm
Circular interpolation milling $\varnothing D_{min}$	72.3 mm
Circular interpolation milling $\varnothing D_{max}$	79.3 mm
Series	Softcut®
Shank type	with bore
Setting angle κ	90 degrees
Milling application	End 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 6IP	674252 6IP
Torque screwdriver, fixed setting set torque 0,45 Nm	211750 0,45

Set of insert screws 10-piece

219827