

Garant

**Softcut® 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z:
32/8 mm**



Order data

Order number	215615 32/8
GTIN	4045197409980
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

$\varnothing D_1$ h6: 17 mm

$\varnothing D_2$: 28.7 mm

Mounting thread M: M16

Circular interpolation milling $\varnothing D_{min}$: 56.3 mm

Circular interpolation milling $\varnothing D_{max}$: 63.3 mm

Technical description

Mounting thread M	M16
suitable indexable insert	AP.. 0602..
Overall length L_{tot}	35 mm
Cutting edge $\varnothing D_c$	32 mm
Pack of insert screws	219827 (6IP; 0.45 Nm)
$\varnothing D_1$ h6	17 mm
$\varnothing D_2$	28.7 mm
Number of cutting edges Z	8
Circular interpolation milling $\varnothing D_{max}$	63.3 mm
Circular interpolation milling a_p	0.9 mm
Circular interpolation milling $\varnothing D_{min}$	56.3 mm
Ramping angle α_{max}	0.7 degrees
Ramping length L for α_{max}	344.7 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	End milling
Milling application	Ramping
Milling application	Circular milling
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	219827
Torque screwdriver, fixed setting set torque 0,45 Nm	211750 0,45
	674252 6IP

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile
6IP
