

Garant

Softcut® 90° indexable milling cutter MTC, with bore, Ø D / Zeff: 80/5 mm



Order data

Order number	215161 80/5
GTIN	4045197455246
Item class	210

Description

Version:

High precision square shoulder milling cutter with irregular pitch for very smooth cutting, very high precision and cutting power. High performance indexable square shoulder milling cutter **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power**.

Application:

For corner milling to large depths, also slotting. General use in all steels including stainless steels. Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres (**MTM**).

Note:

Use GARANT torque screwdriver TQ No. **211750 size 3.8** with bit No. **674252 size 15IP**.

The insert pocket must be modified when using indexable inserts with a radius greater than 3.1 mm.

Number of effective inserts Z_{eff} : 5

Number of indexable inserts: 20

maximum cutting depth $a_{p\text{max}}$: 55 mm

Overall length L_{tot} : 82 mm

Mounting bore Ø: 32 mm

Pack of insert screws: 219808 (15IP; 3.8 Nm)

Technical description

Pack of insert screws	219808 (15IP; 3.8 Nm)
Cutting edge $\varnothing D_c$	80 mm
suitable indexable insert	AP.. 1805..
Overall length L_{tot}	82 mm
Mounting bore \varnothing	32 mm
Number of effective inserts Z_{eff}	5
maximum cutting depth $a_{p\ max}$	55 mm
Number of indexable inserts	20
Shank type	with bore
Setting angle κ	90 degrees
Milling application	Corner milling
Milling application	Ramping
Milling application	Circular milling
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard

Accessories

Set of insert screws 10-piece	219808
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8