

## Garant

**TwinCut indexable face mill 45° wide pitch, with bore, Ø D / number of teeth  
Z: 80/4mm**



### Order data

Order number	213410 80/4
GTIN	4045197605443
Item class	210

### Description

**Version:**

From Ø 160 mm for arbors to DIN 2079, with 4 additional attachment holes and without internal cooling.

**Application:**

With double-sided 8-edge inserts (ON.U) or 4-edge inserts (SN.U).

**Spare part:**

Shim No. 219897 for use with both types of indexable insert.

**Note:**

Use GARANT torque screwdriver TQ No. **211750 size 3.8** with bit No. **674252 size 15IP**.  
Do not mix different types of insert ON.U and SN.U.

### Technical description

maximum external Ø D <sub>max</sub> for ON.U inserts	91.8 mm
suitable indexable insert	SN.U
suitable indexable insert	ON.U

Clamp screw for shim	219899
Shim	219897
Overall length $L_{tot}$ for SN.U inserts	50 mm
Mounting bore $\varnothing$	27 mm
Cutting edge $\varnothing D_c$	80 mm
Pack of insert screws	219898 (15IP; 3.8 Nm)
maximum external $\varnothing D_{max}$ for SN.U inserts	95.2 mm
Overall length $L_{tot}$ for ON.U inserts	48.3 mm
Number of cutting edges Z	4
Series	TwinCut
Shank type	with bore
Setting angle $\kappa$	45 degrees
Spacing of the cutters	unequal spacing
Through-coolant	yes
Tool exchange	PowerCard
Type of product	Face mill

## Accessories

Pack of insert screws 10 pieces	219898
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP
Clamping screw	219899
Shim	219897
Torque screwdriver, fixed setting set torque 3,8 N·m	211750 3,8