

Garant

TwinCut indexable face mill 45° normal pitch, with bore, Ø D / number of teeth Z: 80/6 mm


Order data

Order number	213415 80/6
GTIN	4045197605504
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.

Tool exchange: PowerCard

maximum external Ø D_{max} for ON.U inserts: 91.8 mm

maximum external Ø D_{max} for SN.U inserts: 95.2 mm

Overall length L_{tot} for SN.U inserts: 50 mm

Overall length L_{tot} for ON.U inserts: 48.3 mm

Mounting bore Ø: 27 mm

suitable indexable insert: SN.U

Technical description

Cutting edge $\varnothing D_c$	80 mm
Clamp screw for shim	219899
Mounting bore \varnothing	27 mm
Overall length L_{tot} for ON.U inserts	48.3 mm
suitable indexable insert	SN.U
suitable indexable insert	ON.U
Overall length L_{tot} for SN.U inserts	50 mm
Shim	219897
maximum external $\varnothing D_{max}$ for SN.U inserts	95.2 mm
maximum external $\varnothing D_{max}$ for ON.U inserts	91.8 mm
Pack of insert screws	219898 (15IP; 3.8 Nm)
Number of cutting edges Z	6
Shank type	with bore
Setting angle κ	45 degrees
Spacing of the cutters	unequal spacing
Through-coolant	yes
Tool exchange	PowerCard
Type of product	Indexable insert cutter

Accessories

Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8
Pack of insert screws 10 pieces	219898
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Shim	219897
Clamping screw	219899