

Garant

**TwinCut indexable face mill 45° close pitch, with bore, Ø D / number of teeth
Z: 160/14 mm**


Order data

Order number	213420 160/14
GTIN	4045197716873
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: 171.8 mm

maximum external Ø D_{max} for SN.U inserts: 175.2 mm

Overall length L_{tot} for SN.U inserts: 63 mm

Overall length L_{tot} for ON.U inserts: 61.3 mm

Mounting bore Ø: 40 mm

suitable indexable insert: SN.U

Technical description

maximum external $\varnothing D_{\max}$ for SN.U inserts	175.2 mm
maximum external $\varnothing D_{\max}$ for ON.U inserts	171.8 mm
Clamp screw for shim	219899
Shim	219897
suitable indexable insert	SN.U
suitable indexable insert	ON.U
Overall length L_{tot} for ON.U inserts	61.3 mm
Overall length L_{tot} for SN.U inserts	63 mm
Pack of insert screws	219898 (15IP; 3.8 Nm)
Cutting edge $\varnothing D_c$	160 mm
Mounting bore \varnothing	40 mm
Number of cutting edges Z	14
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

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