

**Garant**
**Indexable face mill 45°, with bore, Ø D / number of teeth Z: 63/5 mm**

**Order data**

Order number	213890 63/5
GTIN	4045197666536
Item class	210

**Description**
**Version:**

45° indexable face mill with unequal pitch for smooth cutting. Precision insert pockets due to special carbide shims.

Tool exchange: PowerCard

maximum external  $\varnothing D_{\max}$ : 76 mm

Overall length  $L_{\text{tot}}$ : 40 mm

Mounting bore  $\varnothing$ : 22 mm

suitable indexable insert: SE.. 1203..

Clamp screw for insert: 219862 (25IP; 6 Nm)

Shim: 219860

**Technical description**

Overall length $L_{\text{tot}}$	40 mm
Clamp screw for shim	219861 (TX8)
Mounting bore $\varnothing$	22 mm
suitable indexable insert	SE.. 1203..

Shim	219860
Cutting edge $\varnothing D_c$	63 mm
Clamp screw for insert	219862 (25IP; 6 Nm)
maximum external $\varnothing D_{max}$	76 mm
Number of cutting edges Z	5
Shank type	with bore
Setting angle $\kappa$	45 °
Spacing of the cutters	unequal spacing
Through-coolant	yes
Tool exchange	PowerCard
Type of product	Face mill

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## Accessories

Carbide shim	219860
Clamping screw	219861
Clamping screw	219862