

Garant
Solid carbide ball nose roughing end mill, TiAlN, Ø d11 DC: 14 mm

Order data

Order number	207507 14
GTIN	4045197883056
Item class	11X

Description
Version:

 Round **knuckle profile** for roughing, **including machining radii.**
Note:
Successor product to No. 207512

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

 Flute length L_c : 26 mm

Overall length L: 83 mm

 Shank $\varnothing D_s$: 14 mm

 Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$: 0.08 mm

 Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$: 0.09 mm

Technical description

Cutting edge $\varnothing D_c$	14 mm
Shank $\varnothing D_s$	14 mm
Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Flute length L_c	26 mm
No. of teeth Z	4
Overall length L	83 mm
Helix angle	45 degrees

Radius R	7 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Milling profile	HR
Tolerance nominal \varnothing	d11
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.05×D for copy milling
Cutting width a_e for milling operation	0.5×D for side milling
Shank	DIN 6535 HB to h6
Through-coolant	no
Type of product	End mill