

Garant
Solid carbide ball nose roughing end mill, TiAlN, Ø d11 DC: 18 mm

Order data

Order number	207505 18
GTIN	4045197882783
Item class	11X

Description
Version:

Round **knuckle profile** for roughing, **including machining radii.**

Note:
Successor product to No. 207512

No. of teeth Z: 3

Helix angle: 45 degrees

No. of teeth Z: 3

Flute length L_c : 32 mm

Overall length L: 92 mm

Shank $\varnothing D_s$: 18 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.1 mm

Feed f_z for copy milling in steel < 900 N/mm²: 0.113 mm

Technical description

Shank $\varnothing D_s$	18 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.113 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Flute length L_c	32 mm
Cutting edge $\varnothing D_c$	18 mm
Overall length L	92 mm
No. of teeth Z	3
Helix angle	45 degrees

Radius R	9 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
Colour ring	without
Type of product	End mill