

**Garant**
**Solid carbide ball nose roughing end mill, TiAlN, Ø d11 DC: 8 mm**

**Order data**

Order number	207505 8
GTIN	4045197882738
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  $L_c$ : 16 mm

Overall length L: 63 mm

 Shank  $\varnothing D_s$ : 8 mm

 Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.045 mm

 Feed  $f_z$  for copy milling in steel < 900 N/mm<sup>2</sup>: 0.051 mm

**Technical description**

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.045 mm
Overall length L	63 mm
No. of teeth Z	3
Cutting edge $\varnothing D_c$	8 mm
Shank $\varnothing D_s$	8 mm
Feed $f_z$ for copy milling in steel < 900 N/mm <sup>2</sup>	0.051 mm
Flute length $L_c$	16 mm
Helix angle	45 degrees

Radius R	4 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