

Garant

Aluminium shoulder mill, with threaded shank, $\varnothing D$ / number of effective cutting edges Z: 42/3



Order data

Order number	211757 42/3
GTIN	4067263107064
Item class	210

Description

Version:

High-performance milling system for high cutting speeds. Absolutely precise insert bedding. Exceptional torsional stiffness thanks to optimised protection against centrifugal force.

Attention:

Before using the indexable insert No. 211776 ALU ($r = 5.0$ mm) and 211777 ALU ($r = 6.0$ mm), the insert seats of the carrier must be modified.

Note:

The **recommended torque** for fastening the clamping screws No. 219878 4 and 219878 5 is **3.2 Nm**.

Technical description

Mounting thread M	M16
Overall length L_{tot}	40 mm
Circular interpolation milling a_p	9 mm
Cutting edge $\varnothing D_c$	42 mm
Circular interpolation milling $\varnothing D_{max}$	82 mm
Number of cutting edges Z	3
Circular interpolation milling $\varnothing D_{min}$	74 mm

suitable indexable insert	ZDHT 1505
Ø D ₁ h6	17 mm
Ramping angle α_{\max}	2.9 degrees
Pack of insert screws	219878 4 (15IP)
Ø D ₃	32 mm
Ø D ₂	29 mm
Ramping length L for α_{\max}	29.56 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	Plunging
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Tool exchange	PowerCard
Type of product	End / face mill

Accessories

Torque screwdriver, fixed setting set torque 3,0 N·m	211750 3,0
Set of insert screws 10 pieces Type 4	219878 4
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP