

## Garant

### Aluminium shoulder mill, with threaded shank, $\varnothing D$ / number of effective cutting edges Z: 32/3



## Order data

Order number	211757 32/3
GTIN	4062406681876
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

Pack of insert screws	219878 4 (15IP)
Circular interpolation milling $\varnothing D_{\min}$	54 mm
Overall length $L_{\text{tot}}$	35 mm
Circular interpolation milling $\varnothing D_{\max}$	62 mm
Cutting edge $\varnothing D_c$	32 mm
Mounting thread M	M16
Ramping angle $\alpha_{\max}$	4.39 degrees

suitable indexable insert	ZDHT 1505
Ø D <sub>2</sub>	29 mm
Ramping length L for $\alpha_{\max}$	19.56 mm
Ø D <sub>1</sub> h6	17 mm
Number of cutting edges Z	3
Circular interpolation milling a <sub>p</sub>	8 mm
Ø D <sub>3</sub>	22 mm
Shank type	with threaded shank
Setting angle $\kappa$	90 degrees
Milling application	Plunging
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Tool exchange	PowerCard
Type of product	End / face mill