

Garant
**Aluminium shoulder mill, Plain shank, \varnothing D / number of effective cutting edges
Z: 32/2**

Order data

Order number	211755 32/2
GTIN	4062406681890
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. 211777 ALU ($r = 6.0$ mm), the insert seats of the carrier must be modified.

Note:

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

Tool exchange: PowerCard

Cutting edge \varnothing D_c: 32 mm

Number of cutting edges Z: 2

Overhang L₁: 40 mm

Overall length L_{tot}: 100 mm

Shank \varnothing D_s h6: 32 mm

Circular interpolation milling \varnothing D_{min}: 54 mm

Technical description

Ramping angle α_{\max}	4.39°
Circular interpolation milling a _p	8 mm
Number of cutting edges Z	2
Pack of insert screws	219878 4 (15IP)

Overhang L_1	40 mm
suitable indexable insert	ZDHT 1505
Circular interpolation milling $\varnothing D_{\min}$	54 mm
Circular interpolation milling $\varnothing D_{\max}$	62 mm
Ramping length L for α_{\max}	19.56 mm
Cutting edge $\varnothing D_c$	32 mm
Shank $\varnothing D_s$ h6	32 mm
Overall length L_{tot}	100 mm
$\varnothing D_3$	22 mm
Shank type	Plain shank
Setting angle κ	90 °
Milling application	Ramping
Milling application	Plunging
Milling application	Circular milling
Through-coolant	yes
Tool exchange	PowerCard
Type of product	End / face mill