

## Garant

### Aluminium shoulder mill, Plain shank, $\varnothing D$ / number of effective cutting edges Z: 25/2



#### Order data

Order number	211755 25/2
GTIN	4062406681883
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  $\varnothing D_c$ : 25 mm

Number of cutting edges Z: 2

Overhang  $L_1$ : 32 mm

Overall length  $L_{tot}$ : 88 mm

Shank  $\varnothing D_s$  h6: 25 mm

Circular interpolation milling  $\varnothing D_{min}$ : 40 mm

#### Technical description

Pack of insert screws	219878 4 (15IP)
Circular interpolation milling $\varnothing D_{min}$	40 mm
suitable indexable insert	ZDHT 1505
Shank $\varnothing D_s$ h6	25 mm

Circular interpolation milling $\varnothing D_{\max}$	48 mm
Cutting edge $\varnothing D_c$	25 mm
Overall length $L_{\text{tot}}$	88 mm
Circular interpolation milling $a_p$	7.6 mm
Ramping angle $\alpha_{\max}$	6.81 °
Overhang $L_1$	32 mm
Ramping length L for $\alpha_{\max}$	12.56 mm
Number of cutting edges Z	2
$\varnothing D_3$	15 mm
Shank type	Plain shank
Setting angle $\kappa$	90 °
Milling application	Ramping
Milling application	Plunging
Milling application	Circular milling
Through-coolant	yes
Tool exchange	PowerCard
Type of product	End / face mill