

**Garant**
**Aluminium shoulder mill, with threaded shank,  $\varnothing D$  / number of effective cutting edges Z: 42/4**

**Order data**

Order number	211757 42/4
GTIN	4067263107071
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**

Circular interpolation milling $\varnothing D_{\min}$	74 mm
Overall length $L_{\text{tot}}$	40 mm
Number of cutting edges Z	4
Ramping length L for $\alpha_{\max}$	29.56 mm
Circular interpolation milling $a_p$	9 mm
Cutting edge $\varnothing D_c$	42 mm
$\varnothing D_3$	32 mm

Ø D <sub>2</sub>	29 mm
Circular interpolation milling Ø D <sub>max</sub>	82 mm
Ø D <sub>1</sub> h6	17 mm
Ramping angle α <sub>max</sub>	2.9 degrees
Mounting thread M	M16
suitable indexable insert	ZDHT 1505
Pack of insert screws	219878 4 (15IP)
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