Garant

Single tooth thread mill 3×D, TiAlN, M: M3

Order data

Order number	139615 M3
GTIN	4045197585820
Item class	11J

Description

Version:
Corrected thread profile for milling **exact internal threads,** (ensure stable clamping conditions). Very sturdy **single-tooth** thread mills, **highly suitable especially for GRP, CRP and graphite**. Also suitable for **Ti-based and Ni-based alloys** and **hardened steels up to 58 HRC**.
Advantage:
Significantly less radial pressure than with multi-tooth thread mills.
Note:
Single-tooth thread mill **exclusively** for **milling internal threads. The tapping hole (and where necessary the countersinking) has to be prepared beforehand!**
Because of the tooth profile only the thread nominal Ø (= size) with the corresponding thread pitch (see table) may be generated.
Through-coolant: no
No. of teeth Z: 3
Thread pitch: 0.5 mm
Nominal Ø D_C: 2.4 mm
maximum insertion depth L_C: 9 mm
Shank length L_S: 28 mm
Overall length L: 41 mm
Shank Ø D_S: 3 mm

Technical description

maximum insertion depth L_C	9 mm
Number of clamping slots	3
No. of teeth Z	3
Thread pitch	0.5 mm

Feed f_z in steel < 1400 N/mm^2	0.01 mm
Shank ⌀ D_s	3 mm
Overall length L	41 mm
Feed f_z in CRP	0.02 mm
Shank length L_s	28 mm
Through-coolant	no
Thread depth	9 mm
Thread size	M3
Nominal ⌀ D_C	2.4 mm
Coating	TiAlN
Thread type	M
Thread type	M-LH
Flank angle	60 degrees
Tool material	Solid carbide
Thread standard	DIN 13
Shank	DIN 6535 HA with h6
Application for type of drilling	up to 3×D for blind holes and through holes
Shank tolerance	h6
Colour ring	green
Internal/external application	Internal
Type of product	thread milling cutter