

**Garant**
**Drill thread milling cutter 2.5×D, TiAlN, M: M5**

**Order data**

Order number	139516 M5
GTIN	4062406393199
Item class	11J

**Description**
**Version:**

**Corrected thread profile** for milling **exact internal threads** (be sure to provide stable clamping conditions).

**Incorporating** a countersink profile for a 90° countersink. **Internal coolant feed.**

**Advantage:**

**Drilling, countersinking and thread milling all with a single tool!**

Thread pitch: 0.8 mm

Cutting edge  $\varnothing D_c$ : 4.1 mm

Cutter length  $l_c$ : 10.4 mm

Shank length  $L_s$ : 36 mm

Overall length  $L$ : 54 mm

Shank  $\varnothing D_s$ : 6 mm

**Technical description**

Shank length $L_s$	36 mm
Shank $\varnothing D_s$	6 mm
Thread size	M5
Number of clamping slots	2
Overall length $L$	54 mm
Cutter length $l_c$	10.4 mm
Width of groove $e_1$	0.8 mm
maximum countersink $\varnothing D_1$	5.3 mm

Feed $f_z$ in cast aluminium	0.04 mm
Thread pitch	0.8 mm
Thread depth	10.25
Cutting edge $\varnothing D_c$	4.1 mm
Programming value for countersink $L_1$	11.14 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
Number of cutting edges Z	2
Through-coolant	yes
Application for type of drilling	up to 2.5xD for blind holes and through holes
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	without
Internal/external application	Internal
Type of product	thread milling cutter