



Plain shank thread mill 2xD, TiAlN, MF: 5X0,5



Order data

Order number	139680 5X0,5
GTIN	4045197778222
Item class	12J

Description

Version:

Corrected thread profile for milling **exact internal fine threads** (ensure stable clamping conditions).

Through-coolant: no

No. of teeth Z: 3

Thread pitch: 0.5 mm

Nominal $\varnothing D_C$: 4 mm

Flute length L_C : 10.25 mm

Shank length L_S : 36 mm

Overall length L: 55 mm

Shank $\varnothing D_S$: 6 mm

Technical description

Number of clamping slots	3
No. of teeth Z	3
Shank $\varnothing D_S$	6 mm
Shank length L_S	36 mm
Overall length L	55 mm
Thread pitch	0.5 mm
Feed f_z in steel < 900 N/mm ²	0.018 mm
Through-coolant	no
Thread depth	10 mm

Thread size	M5×0.5
Nominal $\varnothing D_c$	4 mm
Flute length L_c	10.25 mm
Coating	TiAlN
Thread type	MF
Thread type	MF-LH
Flank angle	60°
Tool material	Solid carbide
Thread standard	DIN 13
Shank	DIN 6535 HA with h6
Application for type of drilling	up to 2×D for blind holes
Application for type of drilling	up to 2×D for through holes
Colour ring	green
Internal/external application	Internal
Type of product	thread milling cutter

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	220 m/min	N
Aluminium (short chipping)	suitable	220 m/min	N
Alu > 10% Si	suitable	170 m/min	N
Steel < 500 N/mm ²	suitable	170 m/min	P
Steel < 750 N/mm ²	suitable	150 m/min	P
Steel < 900 N/mm ²	suitable	120 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	80 m/min	P
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable	60 m/min	M

Ti > 850 N/mm ²	suitable only under restricted conditions	60 m/min	S
GG(G)	suitable	120 m/min	K
CuZn	suitable	180 m/min	N
Uni	suitable		
wet maximum	suitable		

Services

Shank grinding Type HE	129100 HE
Shank grinding Type HB	129100 HB