

Garant
Machine tap HSS-E-PM, Hard chrome, G: G1/2

Order data

Order number	137340 G1/2
GTIN	4045197079817
Item class	11H

Description
Version:

Hard chrome-plated surface for reduced edge build-up and increased tool life.

Application:

For Whitworth parallel pipe threads DIN-ISO 228/1 (threads that do not form a seal within the connection).

Tool material: HSS E PM

Threads per inch: 14

Thread Ø: 20.96 mm

Overall length L: 125 mm

Shank Ø D_s: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 19 mm

Technical description

Thread Ø	20.96 mm
Number of clamping slots	4
Thread pitch	1.814 mm
Threads per inch	14
Number of cutting edges Z	4
Tapping hole Ø	19 mm
Tool material	HSS E PM
Shank Ø D _s	16 mm

Overall length L	125 mm
Shank square □	12 mm
Thread depth	41.92 mm
Thread size	G1/2
Coating	Hard chrome
Thread type	G
Flank angle	55 °
Standard	DIN 5156
Taper lead form	C
Helix angle	40 °
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	yellow
Type of product	Tap

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	28 m/min	N
Aluminium (short chipping)	suitable	28 m/min	N
Alu > 10% Si	suitable	23 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	27 m/min	P
CuZn	suitable only under restricted conditions	28 m/min	N
Oil	suitable		
wet maximum	suitable		

