

**Garant**
**Machine tap ISO 228 +0.05 mm, vaporised, G: G1 inch**

**Order data**

Order number	137360 G1
GTIN	4045197705693
Item class	11H

**Description**
**Version:**

Surface vaporised for reduced edge build-up.

**Tolerance class ISO 228 + 0.05 mm. HSS**

**Application:**

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

For components which are **galvanised** after threading or shrink slightly when hardened.

**Recommendation:**

We recommend **deviating from the DIN data** (see table) by drilling the tapping hole  $\varnothing$  **0.05 mm larger**.

Tool material: HSS

Threads per inch: 11

Thread  $\varnothing$ : 33.25 mm

Overall length L: 160 mm

Shank  $\varnothing$  D<sub>s</sub>: 25 mm

Shank square □: 20 mm

Tapping hole  $\varnothing$ : 30.75 mm

**Technical description**

Number of cutting edges Z	5
Threads per inch	11
Thread pitch	2.309 mm
Tapping hole $\varnothing$	30.75 mm
Thread $\varnothing$	33.25 mm

Number of clamping slots	5
Tool material	HSS
Shank $\varnothing D_s$	25 mm
Overall length L	160 mm
Shank square $\square$	20 mm
Thread depth	99.75 mm
Thread size	G1
Coating	vaporised
Thread type	G
Flank angle	55 degrees
Standard	DIN 5156
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap