

**Garant****Steel conduit tap, uncoated, PG: PG11****Order data**

Order number	133450 PG11
GTIN	4045197074928
Item class	11H

**Description****Application:**

For use as machine tap or for cleaning existing threads by hand.

**For steel conduit threads** DIN 40430.

**Note:**

Shank produced according to DIN 40432.

Tool material: HSS E

Threads per inch: 18

Thread  $\varnothing$ : 18.6 mm

Overall length L: 80 mm

Shank  $\varnothing$  D<sub>s</sub>: 14 mm

Shank square  $\square$ : 11 mm

Tapping hole  $\varnothing$ : 17.25 mm

**Technical description**

Number of cutting edges Z	4
Thread $\varnothing$	18.6 mm
Tapping hole $\varnothing$	17.25 mm
Number of clamping slots	4
Thread pitch	1.41 mm
Threads per inch	18
Shank $\varnothing$ D <sub>s</sub>	14 mm

Overall length L	80 mm
Shank square □	11 mm
Tool material	HSS E
recommended maximum drilling depth L <sub>2</sub>	55.6 mm
Thread size	Pg11
Coating	uncoated
Thread type	Pg
Flank angle	80°
Standard	DIN 40432
Thread standard	DIN 40430
Taper lead form	D
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	6 m/min	M

CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		
wet maximum	suitable only under restricted conditions		