

Garant
Steel conduit tap, uncoated, PG: PG21

Order data

Order number	133450 PG21
GTIN	4045197074959
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

Threads per inch: 16

Thread \varnothing : 28.3 mm

Overall length L: 90 mm

Shank \varnothing D_s: 20 mm

Shank square \square : 16 mm

Tapping hole \varnothing : 27 mm

Technical description

Number of clamping slots	4
Thread \varnothing	28.3 mm
Number of cutting edges Z	4
Threads per inch	16
Thread pitch	1.59 mm
Tapping hole \varnothing	27 mm
Shank \varnothing D _s	20 mm

Overall length L	90 mm
Shank square □	16 mm
Tool material	HSS
recommended maximum drilling depth L ₂	84.9 mm
Thread size	Pg21
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 _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
INOX < 900 N/mm ²	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		