

Garant**Steel conduit tap, uncoated, PG: PG16****Order data**

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| Order number | 133450 PG16 |
| GTIN | 4045197074942 |
| 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 : 22.5 mm

Overall length L: 80 mm

Shank \varnothing D_s: 18 mm

Shank square \square : 14.5 mm

Tapping hole \varnothing : 21.25 mm

Technical description

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|------------------------------------|----------|
| Number of cutting edges Z | 4 |
| Number of clamping slots | 4 |
| Threads per inch | 18 |
| Thread \varnothing | 22.5 mm |
| Thread pitch | 1.41 mm |
| Tapping hole \varnothing | 21.25 mm |
| Shank \varnothing D _s | 18 mm |

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|---|--|
| Overall length L | 80 mm |
| Shank square □ | 14.5 mm |
| Tool material | HSS E |
| recommended maximum drilling depth L ₂ | 67.5 mm |
| Thread size | Pg16 |
| 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 | | |