

Garant**Machine tap, uncoated, UNC: 8-32****Order data**

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|--------------|---------------|
| Order number | 133350 8-32 |
| GTIN | 4045197074621 |
| Item class | 11H |

Description**Version:****With spiral point.****Application:****For UNC uniform coarse threads ASME – B1.1.**

Thread type: UNC

Tool material: HSS E

Standard: DIN 371

Threads per inch: 32

Thread Ø: 4.16 mm

Overall length L: 63 mm

Shank Ø D_s: 4.5 mm

Shank square □: 3.4 mm

Tapping hole Ø: 3.5 mm

Technical description

| | |
|---------------------------|----------|
| Thread pitch | 0.794 mm |
| Number of clamping slots | 3 |
| Threads per inch | 32 |
| Number of cutting edges Z | 3 |
| Thread Ø | 4.16 mm |
| Tapping hole Ø | 3.5 mm |
| Standard | DIN 371 |
| Tool material | HSS E |

| | |
|----------------------------------|--|
| Shank $\varnothing D_s$ | 4.5 mm |
| Overall length L | 63 mm |
| Shank square \square | 3.4 mm |
| Thread depth | 12.48 mm |
| Thread type | UNC |
| Thread size | 8-32 UNC |
| Coating | uncoated |
| Flank angle | 60° |
| Tolerance class | 2B |
| Taper lead form | B |
| Shank | Plain shank with h9 |
| Through-coolant | no |
| 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 |
| Oil | suitable | | |
| wet maximum | suitable only under restricted conditions | | |

