

Garant
Stub subland drill HSS 90°, TiAlN, for screws: M6

Order data

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|--------------|---------------|
| Order number | 117140 M6 |
| GTIN | 4045197035981 |
| Item class | 11C |

Description
Version:

Very sturdy. Tight concentricity tolerances between drill \varnothing and counterbore \varnothing guarantee exact alignment.

Application:

Particularly suitable for NC machines due to high positional accuracy, excellent centring properties and great sturdiness. The preceding centring operation can thus often be omitted. For through holes for screws to DIN-ISO 273 and countersinks to DIN 74, sheet 1 form A, fine version.

For screws to ISO 2009, 2010, 7046, 7047 (DIN 963, 964, 965 and 966).

$\varnothing D_1$ 1st step with chamfer h8: 6.4 mm

$\varnothing D_2$ 2nd step with chamfer h8: 11.5 mm

Step height L_1 1st step: 15 mm

Flute length L_c : 47 mm

Overall length L: 95 mm

Shank $\varnothing D_s$: 11.5 mm

Technical description

| | |
|--|--------------|
| Feed f in steel < 750 N/mm ² | 0.07 mm/rev. |
| Number of cutting edges Z | 2 |
| for screws | M6 |
| Flute length L_c | 47 mm |
| $\varnothing D_1$ 1st step with chamfer h8 | 6.4 mm |
| $\varnothing D_2$ 2nd step with chamfer h8 | 11.5 mm |

| | |
|---------------------------------|----------------------|
| Shank $\varnothing D_s$ | 11.5 mm |
| Overall length L | 95 mm |
| Step height L_1 1st step | 15 mm |
| Coating | TiAlN |
| Tool material | HSS |
| Standard | DIN 1897 |
| Tolerance nominal \varnothing | h8 |
| Point angle | 118 degrees |
| Shank | Parallel shank to h8 |
| Countersink angle | 90 degrees |
| Through-coolant | no |
| Shank tolerance | h8 |
| Colour ring | without |
| Type of product | Stepped drill |