

Garant
HSS-E jobber drill, TiAlN, Ø DC h8: 4,8mm

Order data

| | |
|--------------|---------------|
| Order number | 114500 4,8 |
| GTIN | 4045197019936 |
| Item class | 11B |

Description
Version:
Strengthened core taper.

With point geometry shape C.

Recommendation:
Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c.$$

Technical description

| | |
|---|--------------|
| Number of cutting edges Z | 2 |
| Nominal Ø D _c | 4.8 mm |
| Feed f in stainless steel > 900 N/mm ² | 0.03 mm/rev. |
| Flute length L _c | 52 mm |
| Tolerance nominal Ø | h8 |
| Shank Ø D _s | 4.8 mm |
| Overall length L | 86 mm |
| Standard | DIN 338 |
| recommended maximum drilling depth L ₂ | 44.8 mm |
| Point angle | 130 degrees |
| Shank | Plain shank |
| Coating | TiAlN |

| | |
|-----------------|--------------|
| Tool material | HSS E |
| Helix angle | 35 degrees |
| Through-coolant | no |
| Colour ring | blue |
| Type of product | Jobber drill |

User data

| | Suitability | V _c | ISO code |
|-------------------------------|---|----------------|----------|
| Steel < 750 N/mm ² | suitable only under restricted conditions | 37 m/min | P |
| Steel < 900 N/mm ² | suitable only under restricted conditions | 31 m/min | P |
| INOX < 900 N/mm ² | suitable | 15 m/min | M |
| INOX > 900 N/mm ² | suitable | 12 m/min | M |
| Ti > 850 N/mm ² | suitable | 6 m/min | S |
| Oil | suitable | | |
| wet maximum | suitable | | |