Garant

Stub drill HSS-E N, uncoated, Ø DC h8: 3,7 mm



Order data

| Order number | 113150 3,7 |
|--------------|---------------|
| GTIN | 4045197004352 |
| Item class | 11B |

Description

Version:

Particularly robust and strong due to strengthened core. Ground flutes, with high concentricity. Bright finish.

Advantage: Ideal for drilling shallow holes (approx. 2 - 4×D) on NC machines and automatic machines. Recommendation: Maximum drilling depth: flute length (see table) less 1.5×nominal Ø. Through-coolant: no Standard: DIN 1897 Tolerance nominal Ø: h8 Point angle: 130 degrees Number of cutting edges Z: 2 recommended maximum drilling depth L₂: 14.5 mm Flute length L_c: 20 mm Overall length L: 52 mm Shank Ø D_s: 3.7 mm Feed f in steel < 900 N/mm²: 0.03 mm/rev.

Technical description

| Number of cutting edges Z | 2 |
|---|--------------|
| Feed f in steel < 900 N/mm ² | 0.03 mm/rev. |
| Flute length L _c | 20 mm |
| Nominal Ø D _c | 3.7 mm |

© Hoffmann GmbH Qualitätswerkzeuge

.

| Shank Ø D,3.7 mmOverall length L52 mmStandardDIN 1897recommended maximum drilling depth L214.5 mmPoint angle130 degreesCoatinguncoatedTool materialHSS ETypeNShankPlain shankThrough-coolantnoColour ringwithoutType of productJobber drill | Tolerance nominal Ø | h8 |
|---|--|--------------|
| StandardDIN 1897recommended maximum drilling depth L214.5 mmPoint angle130 degreesCoatinguncoatedTool materialHSS ETypeNShankPlain shankThrough-coolantnoColour ringwithout | Shank Ø D _s | 3.7 mm |
| recommended maximum drilling depth L214.5 mmPoint angle130 degreesCoatinguncoatedTool materialHSS ETypeNShankPlain shankThrough-coolantnoColour ringwithout | Overall length L | 52 mm |
| Point angle130 degreesCoatinguncoatedTool materialHSS ETypeNShankPlain shankThrough-coolantnoColour ringwithout | Standard | DIN 1897 |
| CoatinguncoatedTool materialHSS ETypeNShankPlain shankThrough-coolantnoColour ringwithout | recommended maximum drilling depth L_2 | 14.5 mm |
| Tool materialHSS ETypeNShankPlain shankThrough-coolantnoColour ringwithout | Point angle | 130 degrees |
| TypeNShankPlain shankThrough-coolantnoColour ringwithout | Coating | uncoated |
| Shank Plain shank Through-coolant no Colour ring without | Tool material | HSS E |
| Through-coolant no Colour ring without | Туре | Ν |
| Colour ring without | Shank | Plain shank |
| | Through-coolant | no |
| Type of product Jobber drill | Colour ring | without |
| | Type of product | Jobber drill |

Accessories

Stub drill set HSS-E No. 113150, type N as a refill set, without case Type 1-13

113730 1-13