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

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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