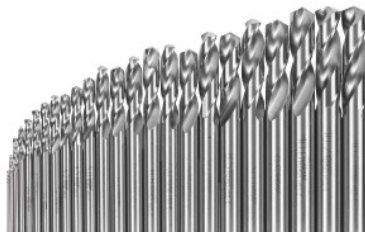


## Garant

**Stub drill set HSS-E No. 113150, type N as a refill set, without case, uncoated,  
Type: 1-10,5**



### Order data

Order number	113730 1-10,5
GTIN	4062406264543
Item class	11B

### Description

#### Version:

Made up of stub drills No. 113150.  
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.

Through-coolant: no

Shank: Plain shank

Drill range: 1 - 10.5 mm

Number of drills: 24

Tapping hole Ø: 3.3 mm

Tapping hole Ø: 4.2 mm

Tapping hole Ø: 6.8 mm

Tapping hole Ø: 10.2 mm

### Technical description

Incremental steps of drills	0.5 mm
Drill range	1 - 10.5 mm

Shank	Plain shank
Tapping hole Ø	3.3 mm
Tapping hole Ø	4.2 mm
Tapping hole Ø	6.8 mm
Tapping hole Ø	10.2 mm
Number of drills	24
No. of teeth Z	2
Coating	uncoated
Tool material	HSS E
Standard	DIN 1897
Type	N
Tolerance nominal Ø	h8
Point angle	130 degrees
Through-coolant	no
with case	no
Colour ring	without
Type of product	Jobber drill