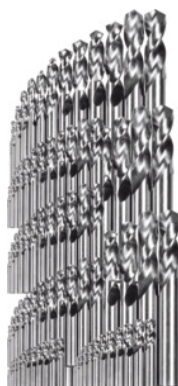


Garant

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

**Order data**

Order number	113730 1-13
GTIN	4045197295606
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 - 13 mm
Number of drills: 121
Incremental steps of drills: 0.1 mm

Technical description

Drill range	1 - 13 mm
Incremental steps of drills	0.1 mm

Number of drills	121
Shank	Plain shank
No. of teeth Z	2
Coating	uncoated
Tool material	HSS E
Standard	DIN 1897
Type	N
Tolerance nominal \varnothing	h8
Point angle	130 degrees
Through-coolant	no
with case	no
Colour ring	without
Type of product	Jobber drill