

**Garant**
**Jobber drill set HSS-E No. 114500 in a case, TiAlN, Type: 1-13**

**Order data**

Order number	115350 1-13
GTIN	4045197197610
Item class	11B

**Description**
**Version:**

Composed of jobber drills DIN 338.

**Strengthened core taper.**

With point geometry shape C.

Through-coolant: no

Shank: Plain shank

Drill range: 1 - 13 mm

Number of drills: 25

Incremental steps of drills: 0.5 mm

**Technical description**

Incremental steps of drills	0.5 mm
Drill range	1 - 13 mm
Number of drills	25
Shank	Plain shank
Number of cutting edges Z	2

Coating	TiAlN
Tool material	HSS E
Standard	DIN 338
Tolerance nominal $\varnothing$	h8
Point angle	130 degrees
Helix angle	35 degrees
Through-coolant	no
with case	yes
Colour ring	blue
Type of product	Jobber drill

## Accessories

HSS-E jobber drill $\varnothing$ DC h8 12,5 mm	114500 12,5
HSS-E jobber drill $\varnothing$ DC h8 8,5 mm	114500 8,5
HSS-E jobber drill $\varnothing$ DC h8 2,5 mm	114500 2,5
HSS-E jobber drill $\varnothing$ DC h8 10 mm	114500 10
HSS-E jobber drill $\varnothing$ DC h8 4 mm	114500 4
HSS-E jobber drill $\varnothing$ DC h8 3,5 mm	114500 3,5
HSS-E jobber drill $\varnothing$ DC h8 6 mm	114500 6
HSS-E jobber drill $\varnothing$ DC h8 3 mm	114500 3
HSS-E jobber drill $\varnothing$ DC h8 1,5 mm	114500 1,5
HSS-E jobber drill $\varnothing$ DC h8 7,5 mm	114500 7,5
HSS-E jobber drill $\varnothing$ DC h8 10,5 mm	114500 10,5
HSS-E jobber drill $\varnothing$ DC h8 1 mm	114500 1
HSS-E jobber drill $\varnothing$ DC h8 4,5 mm	114500 4,5
HSS-E jobber drill $\varnothing$ DC h8 12 mm	114500 12
HSS-E jobber drill $\varnothing$ DC h8 9,5 mm	114500 9,5
HSS-E jobber drill $\varnothing$ DC h8 11,5 mm	114500 11,5

HSS-E jobber drill Ø DC h8 6,5 mm	114500 6,5
HSS-E jobber drill Ø DC h8 7 mm	114500 7
HSS-E jobber drill Ø DC h8 2 mm	114500 2
HSS-E jobber drill Ø DC h8 5 mm	114500 5
HSS-E jobber drill Ø DC h8 9 mm	114500 9
HSS-E jobber drill Ø DC h8 13 mm	114500 13
HSS-E jobber drill Ø DC h8 8 mm	114500 8
HSS-E jobber drill Ø DC h8 11 mm	114500 11
HSS-E jobber drill Ø DC h8 5,5 mm	114500 5,5