

**Garant**
**Jobber drill set HSS-E No. 114500 as refill set, TiAlN, Type: 1-10**

**Order data**

Order number	115355 1-10
GTIN	4045197197627
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 - 10 mm

Number of drills: 19

Incremental steps of drills: 0.5 mm

**Technical description**

Incremental steps of drills	0.5 mm
Number of drills	19
Drill range	1 - 10 mm
Shank	Plain shank
Number of cutting edges Z	2

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

## Accessories

Jobber drill HSS-E FS Ø DC h8 3 mm	114450 3
Jobber drill HSS-E FS Ø DC h8 4 mm	114450 4
Jobber drill HSS-E FS Ø DC h8 7 mm	114450 7
Jobber drill HSS-E FS Ø DC h8 9 mm	114450 9
Jobber drill HSS-E FS Ø DC h8 8,5 mm	114450 8,5
Jobber drill HSS-E FS Ø DC h8 1,5 mm	114450 1,5
Jobber drill HSS-E FS Ø DC h8 10 mm	114450 10
Jobber drill HSS-E FS Ø DC h8 6 mm	114450 6
Jobber drill HSS-E FS Ø DC h8 4,5 mm	114450 4,5
Jobber drill HSS-E FS Ø DC h8 5,5 mm	114450 5,5
Jobber drill HSS-E FS Ø DC h8 9,5 mm	114450 9,5
Jobber drill HSS-E FS Ø DC h8 2,5 mm	114450 2,5
Jobber drill HSS-E FS Ø DC h8 2 mm	114450 2
Jobber drill HSS-E FS Ø DC h8 3,5 mm	114450 3,5
Jobber drill HSS-E FS Ø DC h8 6,5 mm	114450 6,5
Jobber drill HSS-E FS Ø DC h8 8 mm	114450 8

Jobber drill HSS-E FS Ø DC h8 7,5 mm	114450 7,5
Jobber drill HSS-E FS Ø DC h8 5 mm	114450 5
Jobber drill HSS-E FS Ø DC h8 1 mm	114450 1