

Garant**Jobber drill set HSS-E No. 114580 in a case, TiAlN, Type: 1-10****Order data**

Order number	115450 1-10
GTIN	4045197875563
Item class	11B

Description**Version:**

Composed of jobber drills DIN 338.

High performance drills for outstanding performance. Precision holes due to optimised diamond point geometry and 4-face grinding. The special flute profile yields a significant reduction in cutting forces.

Through-coolant: no

Shank: Plain shank

Drill range: 1 - 10 mm

Number of drills: 19

Incremental steps of drills: 0.5 mm

Technical description

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

Number of cutting edges Z	2
Coating	TiAlN
Tool material	HSS E
Standard	DIN 338
Tolerance nominal \varnothing	h8
Point angle	118 degrees
Helix angle	35 degrees
Through-coolant	no
with case	yes
Colour ring	green
Type of product	Jobber drill

Accessories

HSS-E jobber drill \varnothing DC h8 6,5 mm	114580 6,5
HSS-E jobber drill \varnothing DC h8 4,5 mm	114580 4,5
HSS-E jobber drill \varnothing DC h8 5,5 mm	114580 5,5
HSS-E jobber drill \varnothing DC h8 5 mm	114580 5
HSS-E jobber drill \varnothing DC h8 8 mm	114580 8
HSS-E jobber drill \varnothing DC h8 4 mm	114580 4
HSS-E jobber drill \varnothing DC h8 3 mm	114580 3
HSS-E jobber drill \varnothing DC h8 6 mm	114580 6
HSS-E jobber drill \varnothing DC h8 9 mm	114580 9
HSS-E jobber drill \varnothing DC h8 8,5 mm	114580 8,5
HSS-E jobber drill \varnothing DC h8 9,5 mm	114580 9,5
HSS-E jobber drill \varnothing DC h8 7,5 mm	114580 7,5
HSS-E jobber drill \varnothing DC h8 10 mm	114580 10
HSS-E jobber drill \varnothing DC h8 2,5 mm	114580 2,5
HSS-E jobber drill \varnothing DC h8 1 mm	114580 1

HSS-E jobber drill Ø DC h8 3,5 mm	114580 3,5
HSS-E jobber drill Ø DC h8 2 mm	114580 2
HSS-E jobber drill Ø DC h8 1,5 mm	114580 1,5
HSS-E jobber drill Ø DC h8 7 mm	114580 7