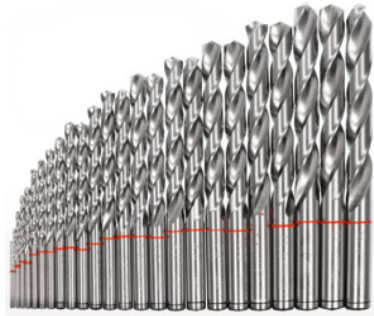


Garant**Jobber drill set HSS-E No. 114400 as refill set, uncoated, Type: 1-13****Order data**

Order number	115300 1-13
GTIN	4045197024886
Item class	11B

Description**Version:**

Composed of jobber drills DIN 338.

Profile ground: high radial run-out and pitch accuracy, as well as precise point grinding. Drill for series production use.

Reinforced core, bright finish.

With point geometry shape C from size 2 mm.

Through-coolant: no

Shank: Plain shank

Drill range: 1 - 13 mm

Number of drills: 25

Incremental steps of drills: 0.5 mm

Technical description

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

Number of cutting edges Z	2
Coating	uncoated
Tool material	HSS E
Standard	DIN 338
Type	N
Tolerance nominal Ø	h8
Point angle	130 degrees
Through-coolant	no
with case	no
Colour ring	red
Type of product	Jobber drill

Accessories

Jobber drill HSS-E Ø DC h8 5 mm	114400 5
Jobber drill HSS-E Ø DC h8 1,5 mm	114400 1,5
Jobber drill HSS-E Ø DC h8 3,5 mm	114400 3,5
Jobber drill HSS-E Ø DC h8 13 mm	114400 13
Jobber drill HSS-E Ø DC h8 10,5 mm	114400 10,5
Jobber drill HSS-E Ø DC h8 5,5 mm	114400 5,5
Jobber drill HSS-E Ø DC h8 6,5 mm	114400 6,5
Jobber drill HSS-E Ø DC h8 11 mm	114400 11
Jobber drill HSS-E Ø DC h8 6 mm	114400 6
Jobber drill HSS-E Ø DC h8 12,5 mm	114400 12,5
Jobber drill HSS-E Ø DC h8 1 mm	114400 1
Jobber drill HSS-E Ø DC h8 8 mm	114400 8
Jobber drill HSS-E Ø DC h8 7 mm	114400 7
Jobber drill HSS-E Ø DC h8 3 mm	114400 3
Jobber drill HSS-E Ø DC h8 8,5 mm	114400 8,5

Jobber drill HSS-E Ø DC h8 11,5 mm	114400 11,5
Jobber drill HSS-E Ø DC h8 10 mm	114400 10
Jobber drill HSS-E Ø DC h8 7,5 mm	114400 7,5
Jobber drill HSS-E Ø DC h8 12 mm	114400 12
Jobber drill HSS-E Ø DC h8 4 mm	114400 4
Jobber drill HSS-E Ø DC h8 2 mm	114400 2
Jobber drill HSS-E Ø DC h8 9,5 mm	114400 9,5
Jobber drill HSS-E Ø DC h8 2,5 mm	114400 2,5
Jobber drill HSS-E Ø DC h8 4,5 mm	114400 4,5
Jobber drill HSS-E Ø DC h8 9 mm	114400 9