

**Garant****Jobber drill set HSS No. 114150 in a case, uncoated, Type: 1-13KB****Order data**

Order number	115120 1-13KB
GTIN	4045197657596
Item class	11B

**Description****Version:**

Composed of jobber drills DIN 338.

Profile ground: Jobber drill with high pitch accuracy and concentricity as well as precision ground point.

Steam tempered from  $\varnothing$  2.4 mm.

With point geometry shape C from size 4 mm.

**Note:**

Size 16 – 20: Drills with shank  $\varnothing$  16 mm.

Through-coolant: no

Shank: Plain shank

Drill range: 1 - 13 mm

Number of drills: 29

Tapping hole  $\varnothing$ : 3.3; 4.2; 6.8; 10.2 mm

Incremental steps of drills: 0.5 mm

**Technical description**

Incremental steps of drills	0.5 mm
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Number of drills	29
Drill range	1 - 13 mm
Shank	Plain shank
Tapping hole Ø	3.3; 4.2; 6.8; 10.2 mm
Number of cutting edges Z	2
Coating	uncoated
Tool material	HSS
Standard	DIN 338
Type	N
Tolerance nominal Ø	h8
Point angle	118 degrees
Through-coolant	no
with case	yes
Colour ring	without
Type of product	Jobber drill

## Accessories

HSS jobber drill N Ø DC h8 (mm or inch) 12	114150 12
HSS jobber drill N Ø DC h8 (mm or inch) 3,3	114150 3,3
HSS jobber drill N Ø DC h8 (mm or inch) 3	114150 3
HSS jobber drill N Ø DC h8 (mm or inch) 2,5	114150 2,5
HSS jobber drill N Ø DC h8 (mm or inch) 1,5	114150 1,5
HSS jobber drill N Ø DC h8 (mm or inch) 6,5	114150 6,5
HSS jobber drill N Ø DC h8 (mm or inch) 8,5	114150 8,5
HSS jobber drill N Ø DC h8 (mm or inch) 1	114150 1
HSS jobber drill N Ø DC h8 (mm or inch) 13	114150 13
HSS jobber drill N Ø DC h8 (mm or inch) 10,2	114150 10,2
HSS jobber drill N Ø DC h8 (mm or inch) 4	114150 4

HSS jobber drill N Ø DC h8 (mm or inch) 8	114150 8
HSS jobber drill N Ø DC h8 (mm or inch) 4,2	114150 4,2
HSS jobber drill N Ø DC h8 (mm or inch) 4,5	114150 4,5
HSS jobber drill N Ø DC h8 (mm or inch) 5,5	114150 5,5
HSS jobber drill N Ø DC h8 (mm or inch) 3,5	114150 3,5
HSS jobber drill N Ø DC h8 (mm or inch) 10	114150 10
HSS jobber drill N Ø DC h8 (mm or inch) 6,8	114150 6,8
HSS jobber drill N Ø DC h8 (mm or inch) 11,5	114150 11,5
HSS jobber drill N Ø DC h8 (mm or inch) 5	114150 5
HSS jobber drill N Ø DC h8 (mm or inch) 6	114150 6
HSS jobber drill N Ø DC h8 (mm or inch) 7	114150 7
HSS jobber drill N Ø DC h8 (mm or inch) 11	114150 11
HSS jobber drill N Ø DC h8 (mm or inch) 7,5	114150 7,5
HSS jobber drill N Ø DC h8 (mm or inch) 12,5	114150 12,5
HSS jobber drill N Ø DC h8 (mm or inch) 9,5	114150 9,5
HSS jobber drill N Ø DC h8 (mm or inch) 9	114150 9
HSS jobber drill N Ø DC h8 (mm or inch) 2	114150 2
HSS jobber drill N Ø DC h8 (mm or inch) 10,5	114150 10,5