

Garant**Jobber drill set HSS No. 114150 in a case, uncoated, Type: 6-10****Order data**

Order number	115120 6-10
GTIN	4045197024374
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.

Technical description

Incremental steps of drills	0.1 mm
Drill range	6 - 10 mm
Number of drills	41
Shank	Plain shank
Number of cutting edges Z	2

Coating	uncoated
Tool material	HSS
Standard	DIN 338
Type	N
Tolerance nominal \varnothing	h8
Point angle	118 degrees
Through-coolant	no
with case	yes
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable only under restricted conditions	80 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	45 m/min	N
Alu > 10% Si	suitable only under restricted conditions	50 m/min	N
Steel < 500 N/mm ²	suitable	40 m/min	P
Steel < 750 N/mm ²	suitable	30 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	10 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	8 m/min	P
GG(G)	suitable	25 m/min	K
CuZn	suitable	80 m/min	N
Uni	suitable		
Oil	suitable		

Accessories

HSS jobber drillN Ø DC h8 (mm or inch) 6,6	114150 6,6
HSS jobber drillN Ø DC h8 (mm or inch) 9,3	114150 9,3
HSS jobber drillN Ø DC h8 (mm or inch) 9,2	114150 9,2
HSS jobber drillN Ø DC h8 (mm or inch) 9	114150 9
HSS jobber drillN Ø DC h8 (mm or inch) 6	114150 6
HSS jobber drillN Ø DC h8 (mm or inch) 7,4	114150 7,4
HSS jobber drillN Ø DC h8 (mm or inch) 6,2	114150 6,2
HSS jobber drillN Ø DC h8 (mm or inch) 6,8	114150 6,8
HSS jobber drillN Ø DC h8 (mm or inch) 7	114150 7
HSS jobber drillN Ø DC h8 (mm or inch) 10	114150 10
HSS jobber drillN Ø DC h8 (mm or inch) 9,1	114150 9,1
HSS jobber drillN Ø DC h8 (mm or inch) 6,4	114150 6,4
HSS jobber drillN Ø DC h8 (mm or inch) 8,9	114150 8,9
HSS jobber drillN Ø DC h8 (mm or inch) 8,6	114150 8,6
HSS jobber drillN Ø DC h8 (mm or inch) 7,3	114150 7,3
HSS jobber drillN Ø DC h8 (mm or inch) 8,5	114150 8,5
HSS jobber drillN Ø DC h8 (mm or inch) 9,8	114150 9,8
HSS jobber drillN Ø DC h8 (mm or inch) 8,8	114150 8,8
HSS jobber drillN Ø DC h8 (mm or inch) 9,4	114150 9,4
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HSS jobber drillN Ø DC h8 (mm or inch) 7,9	114150 7,9
HSS jobber drillN Ø DC h8 (mm or inch) 9,7	114150 9,7
HSS jobber drillN Ø DC h8 (mm or inch) 7,7	114150 7,7
HSS jobber drillN Ø DC h8 (mm or inch) 7,6	114150 7,6
HSS jobber drillN Ø DC h8 (mm or inch) 6,7	114150 6,7

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HSS jobber drillN Ø DC h8 (mm or inch) 7,5	114150 7,5
HSS jobber drillN Ø DC h8 (mm or inch) 8	114150 8
HSS jobber drillN Ø DC h8 (mm or inch) 6,9	114150 6,9