

**Jobber drill set HSS No. 114000 in a case, uncoated, Type: 1-10,5****Order data**

Order number	115000 1-10,5
GTIN	4045197024053
Item class	12B

Description**Version:**

Composed of jobber drills DIN 338.

Roll forged, standard helix angle, core thickness, and core taper.

No interruption in the material structure, so the drill is more resilient and suitable for arduous drilling tasks (e. g. with hand held drills). Economy version.

Through-coolant: no

Shank: Plain shank

Number of cutting edges Z: 2

Drill range: 1 - 10.5 mm

Number of drills: 24

Tapping hole Ø: 3.3; 4.2; 6.8; 10.2 mm

Incremental steps of drills: 0.5 mm

Technical description

Drill range	1 - 10.5 mm
Incremental steps of drills	0.5 mm

Number of drills	24
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
Type	N
Tolerance nominal Ø	h8
Point angle	118 °
Through-coolant	no
with case	yes
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	45 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
GG(G)	suitable only under restricted conditions	25 m/min	K
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		

Accessories

HSS jobber drill roll forged N Ø DC h8 3,3 mm	114000 3,3
HSS jobber drill roll forged N Ø DC h8 1,5 mm	114000 1,5
HSS jobber drill roll forged N Ø DC h8 4,5 mm	114000 4,5
HSS jobber drill roll forged N Ø DC h8 3 mm	114000 3
HSS jobber drill roll forged N Ø DC h8 10,2 mm	114000 10,2
HSS jobber drill roll forged N Ø DC h8 10,5 mm	114000 10,5
HSS jobber drill roll forged N Ø DC h8 2 mm	114000 2
HSS jobber drill roll forged N Ø DC h8 4 mm	114000 4
HSS jobber drill roll forged N Ø DC h8 6,5 mm	114000 6,5
HSS jobber drill roll forged N Ø DC h8 7,5 mm	114000 7,5
HSS jobber drill roll forged N Ø DC h8 9,5 mm	114000 9,5
HSS jobber drill roll forged N Ø DC h8 10 mm	114000 10
HSS jobber drill roll forged N Ø DC h8 5 mm	114000 5
HSS jobber drill roll forged N Ø DC h8 9 mm	114000 9
HSS jobber drill roll forged N Ø DC h8 6 mm	114000 6
HSS jobber drill roll forged N Ø DC h8 7 mm	114000 7
HSS jobber drill roll forged N Ø DC h8 4,2 mm	114000 4,2
HSS jobber drill roll forged N Ø DC h8 6,8 mm	114000 6,8
HSS jobber drill roll forged N Ø DC h8 3,5 mm	114000 3,5
HSS jobber drill roll forged N Ø DC h8 8 mm	114000 8
HSS jobber drill roll forged N Ø DC h8 8,5 mm	114000 8,5
HSS jobber drill roll forged N Ø DC h8 1 mm	114000 1
HSS jobber drill roll forged N Ø DC h8 2,5 mm	114000 2,5
HSS jobber drill roll forged N Ø DC h8 5,5 mm	114000 5,5