

**Jobber drill set HSS-E No. 114405 in a case, uncoated, Type: 1-13****Order data**

Order number	115305 1-13
GTIN	4045197542618
Item class	12B

**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.

With point geometry shape C from size 2 mm.

**Technical description**

Drill range	1 - 13 mm
Incremental steps of drills	0.5 mm
Number of drills	25
Shank	Plain shank
Number of cutting edges Z	2
Coating	uncoated
Tool material	HSS E

Standard	DIN 338
Type	N
Tolerance nominal $\varnothing$	h8
Point angle	135 degrees
Through-coolant	no
with case	yes
Colour ring	without
Type of product	Jobber drill

### User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	35 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	28 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	22 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	8 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	6 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	8 m/min	M
Uni	suitable only under restricted conditions		
Oil	suitable		
wet maximum	suitable		

### Accessories

Jobber drill HSS-EN $\varnothing$ DC h8 12 mm	114405 12
Jobber drill HSS-EN $\varnothing$ DC h8 6,5 mm	114405 6,5
Jobber drill HSS-EN $\varnothing$ DC h8 3 mm	114405 3
Jobber drill HSS-EN $\varnothing$ DC h8 10,5 mm	114405 10,5
Jobber drill HSS-EN $\varnothing$ DC h8 2,5 mm	114405 2,5

Jobber drill HSS-EN Ø DC h8 9 mm	114405 9
Jobber drill HSS-EN Ø DC h8 9,5 mm	114405 9,5
Jobber drill HSS-EN Ø DC h8 7 mm	114405 7
Jobber drill HSS-EN Ø DC h8 6 mm	114405 6
Jobber drill HSS-EN Ø DC h8 2 mm	114405 2
Jobber drill HSS-EN Ø DC h8 13 mm	114405 13
Jobber drill HSS-EN Ø DC h8 5 mm	114405 5
Jobber drill HSS-EN Ø DC h8 5,5 mm	114405 5,5
Jobber drill HSS-EN Ø DC h8 8,5 mm	114405 8,5
Jobber drill HSS-EN Ø DC h8 4 mm	114405 4
Jobber drill HSS-EN Ø DC h8 1,5 mm	114405 1,5
Jobber drill HSS-EN Ø DC h8 10 mm	114405 10
Jobber drill HSS-EN Ø DC h8 4,5 mm	114405 4,5
Jobber drill HSS-EN Ø DC h8 7,5 mm	114405 7,5
Jobber drill HSS-EN Ø DC h8 1 mm	114405 1
Jobber drill HSS-EN Ø DC h8 3,5 mm	114405 3,5
Jobber drill HSS-EN Ø DC h8 8 mm	114405 8
Jobber drill HSS-EN Ø DC h8 12,5 mm	114405 12,5
Jobber drill HSS-EN Ø DC h8 11 mm	114405 11
Jobber drill HSS-EN Ø DC h8 11,5 mm	114405 11,5