

**Jobber drill set HSS No. 114200 in a case, uncoated, Type: 1-6****Order data**

|              |               |
|--------------|---------------|
| Order number | 115160 1-6    |
| GTIN         | 4045197024589 |
| Item class   | 11B           |

**Description****Version:**

Composed of jobber drills DIN 338.  
Standard core without core taper.  
Precision ground point.  
Ground high-capacity flute with high helix.  
Bright ground surface finish.  
With point geometry shape A from size 2.0 mm.

**Technical description**

|                             |             |
|-----------------------------|-------------|
| Incremental steps of drills | 0.1 mm      |
| Drill range                 | 1 - 6 mm    |
| Number of drills            | 51          |
| Shank                       | Plain shank |
| Number of cutting edges Z   | 2           |
| Coating                     | uncoated    |

|                                 |               |
|---------------------------------|---------------|
| Tool material                   | HSS           |
| Standard                        | DIN 338       |
| Type                            | W             |
| Tolerance nominal $\varnothing$ | h8            |
| Point angle                     | 130 degrees   |
| Helix angle                     | 35-40 degrees |
| Through-coolant                 | no            |
| with case                       | yes           |
| Colour ring                     | yellow        |
| Type of product                 | Jobber drill  |

## User data

|                            | Suitability                               | $V_c$    | ISO code |
|----------------------------|---|----------|----------|
| Alu plastics               | suitable                                  | 70 m/min | N        |
| Aluminium (short chipping) | suitable                                  | 45 m/min | N        |
| Alu > 10% Si               | suitable only under restricted conditions | 40 m/min | N        |
| Oil                        | suitable                                  |          |          |
| wet maximum                | suitable                                  |          |          |

## Accessories

|  |            |
|--|------------|
| HSS jobber drillW $\varnothing$ DC h8 6 mm   | 114200 6   |
| HSS jobber drillW $\varnothing$ DC h8 4,9 mm | 114200 4,9 |
| HSS jobber drillW $\varnothing$ DC h8 2,9 mm | 114200 2,9 |
| HSS jobber drillW $\varnothing$ DC h8 5,9 mm | 114200 5,9 |
| HSS jobber drillW $\varnothing$ DC h8 3,5 mm | 114200 3,5 |
| HSS jobber drillW $\varnothing$ DC h8 4,7 mm | 114200 4,7 |
| HSS jobber drillW $\varnothing$ DC h8 2,7 mm | 114200 2,7 |

|                                  |            |
|----------------------------------|------------|
| HSS jobber drillW Ø DC h8 5,7 mm | 114200 5,7 |
| HSS jobber drillW Ø DC h8 4,4 mm | 114200 4,4 |
| HSS jobber drillW Ø DC h8 5,5 mm | 114200 5,5 |
| HSS jobber drillW Ø DC h8 4,1 mm | 114200 4,1 |
| HSS jobber drillW Ø DC h8 5,4 mm | 114200 5,4 |
| HSS jobber drillW Ø DC h8 3,9 mm | 114200 3,9 |
| HSS jobber drillW Ø DC h8 2,8 mm | 114200 2,8 |
| HSS jobber drillW Ø DC h8 4,6 mm | 114200 4,6 |
| HSS jobber drillW Ø DC h8 3,2 mm | 114200 3,2 |
| HSS jobber drillW Ø DC h8 2 mm   | 114200 2   |
| HSS jobber drillW Ø DC h8 3 mm   | 114200 3   |
| HSS jobber drillW Ø DC h8 1,7 mm | 114200 1,7 |
| HSS jobber drillW Ø DC h8 1,1 mm | 114200 1,1 |
| HSS jobber drillW Ø DC h8 1,2 mm | 114200 1,2 |
| HSS jobber drillW Ø DC h8 1,5 mm | 114200 1,5 |
| HSS jobber drillW Ø DC h8 5 mm   | 114200 5   |
| HSS jobber drillW Ø DC h8 2,3 mm | 114200 2,3 |
| HSS jobber drillW Ø DC h8 4,3 mm | 114200 4,3 |
| HSS jobber drillW Ø DC h8 4,2 mm | 114200 4,2 |
| HSS jobber drillW Ø DC h8 2,6 mm | 114200 2,6 |
| HSS jobber drillW Ø DC h8 3,7 mm | 114200 3,7 |
| HSS jobber drillW Ø DC h8 3,4 mm | 114200 3,4 |
| HSS jobber drillW Ø DC h8 4 mm   | 114200 4   |
| HSS jobber drillW Ø DC h8 2,4 mm | 114200 2,4 |
| HSS jobber drillW Ø DC h8 4,5 mm | 114200 4,5 |
| HSS jobber drillW Ø DC h8 3,6 mm | 114200 3,6 |
| HSS jobber drillW Ø DC h8 2,1 mm | 114200 2,1 |
| HSS jobber drillW Ø DC h8 3,3 mm | 114200 3,3 |
| HSS jobber drillW Ø DC h8 1,8 mm | 114200 1,8 |

|  |            |
|--|------------|
| HSS jobber drillW Ø DC h8 1,4 mm                 | 114200 1,4 |
| HSS jobber drillW Ø DC h8 5,6 mm                 | 114200 5,6 |
| HSS jobber drillW Ø DC h8 5,2 mm                 | 114200 5,2 |
| HSS jobber drillW Ø DC h8 5,3 mm                 | 114200 5,3 |
| HSS jobber drillW Ø DC h8 1,6 mm                 | 114200 1,6 |
| HSS jobber drillW Ø DC h8 5,8 mm                 | 114200 5,8 |
| HSS jobber drillW Ø DC h8 3,8 mm                 | 114200 3,8 |
| HSS jobber drillW Ø DC h8 4,8 mm                 | 114200 4,8 |
| HSS jobber drillW Ø DC h8 3,1 mm                 | 114200 3,1 |
| HSS jobber drillW Ø DC h8 2,5 mm                 | 114200 2,5 |
| HSS jobber drillW Ø DC h8 5,1 mm                 | 114200 5,1 |
| HSS jobber drillW Ø DC h8 1,9 mm                 | 114200 1,9 |
| HSS jobber drillW Ø DC h8 1 mm                   | 114200 1   |
| HSS jobber drillW Ø DC h8 1,3 mm                 | 114200 1,3 |
| HSS jobber drillW Ø DC h8 2,2 mm                 | 114200 2,2 |
| Empty case for jobber drills to DIN 338 Type 1-6 | 115470 1-6 |