

Garant
Jobber drill set HSS-E No. 114450 in a case, uncoated, Type: 1-10

Order data

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|--------------|---------------|
| Order number | 115320 1-10 |
| GTIN | 4045197024930 |
| Item class | 11B |

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. **Strengthened core.** Bright **finish parabolic flutes**, from 3 mm nitrided chamfers.

With point geometry shape C up to size 3.9 mm

With point geometry shape S from size 4 mm

Technical description

| | |
|-----------------------------|-------------|
| Number of drills | 19 |
| Drill range | 1 - 10 mm |
| Incremental steps of drills | 0.5 mm |
| Shank | Plain shank |
| Number of cutting edges Z | 2 |
| Coating | uncoated |

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|---------------------------------|--------------|
| Tool material | HSS E |
| Standard | DIN 338 |
| Type | FS |
| Tolerance nominal \varnothing | h8 |
| Point angle | 130 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 | 70 m/min | N |
| Aluminium (short chipping) | suitable | 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 only under restricted conditions | 25 m/min | P |
| GG(G) | suitable | 25 m/min | K |
| Uni | suitable only under restricted conditions | | |
| Oil | suitable | | |
| wet maximum | suitable | | |

Accessories

| | |
|---|------------|
| Jobber drill HSS-EFS \varnothing DC h8 6,5 mm | 114450 6,5 |
| Jobber drill HSS-EFS \varnothing DC h8 5 mm | 114450 5 |
| Jobber drill HSS-EFS \varnothing DC h8 2 mm | 114450 2 |

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| Jobber drill HSS-EFS Ø DC h8 8 mm | 114450 8 |
| Jobber drill HSS-EFS Ø DC h8 9 mm | 114450 9 |
| Jobber drill HSS-EFS Ø DC h8 10 mm | 114450 10 |
| Jobber drill HSS-EFS Ø DC h8 8,5 mm | 114450 8,5 |
| Jobber drill HSS-EFS Ø DC h8 9,5 mm | 114450 9,5 |
| Jobber drill HSS-EFS Ø DC h8 3,5 mm | 114450 3,5 |
| Jobber drill HSS-EFS Ø DC h8 6 mm | 114450 6 |
| Jobber drill HSS-EFS Ø DC h8 7 mm | 114450 7 |
| Jobber drill HSS-EFS Ø DC h8 3 mm | 114450 3 |
| Jobber drill HSS-EFS Ø DC h8 2,5 mm | 114450 2,5 |
| Jobber drill HSS-EFS Ø DC h8 5,5 mm | 114450 5,5 |
| Jobber drill HSS-EFS Ø DC h8 4,5 mm | 114450 4,5 |
| Jobber drill HSS-EFS Ø DC h8 1 mm | 114450 1 |
| Jobber drill HSS-EFS Ø DC h8 7,5 mm | 114450 7,5 |
| Jobber drill HSS-EFS Ø DC h8 4 mm | 114450 4 |
| Jobber drill HSS-EFS Ø DC h8 1,5 mm | 114450 1,5 |