

## HSS Drill Bits

### HSS Blacksmiths Drill Bits



Manufactured from a high grade M2 tool steel. This durable engineering quality drill will give a consistent rapid performance when drilling larger diameter holes into all non-alloy materials. Can be used in a 1/2" chuck or 1/2" pillar drill. The 118° split point prevents the bit from drifting. Mainly used for drilling sheet metal.

- Milled flute
- Dimensionally precise
- M2 Grade HSS with Black Oxide coating
- 12.5mm diameter shank

| Product Code | Ø (mm) | Length (mm) | Pack Qty (pcs) | Carton Qty (packs) |
|--------------|--------|-------------|----------------|--------------------|
| <b>TUBE</b>  |        |             |                |                    |
| BSD135       | 13.5   | 152         | 1              | 10                 |
| BSD14        | 14.0   | 152         | 1              | 10                 |
| BSD145       | 14.5   | 152         | 1              | 10                 |
| BSD15        | 15.0   | 152         | 1              | 10                 |
| BSD155       | 15.5   | 152         | 1              | 10                 |
| BSD16        | 16.0   | 152         | 1              | 10                 |
| BSD165       | 16.5   | 152         | 1              | 10                 |
| BSD17        | 17.0   | 152         | 1              | 10                 |
| BSD175       | 17.5   | 152         | 1              | 10                 |
| BSD18        | 18.0   | 152         | 1              | 10                 |
| BSD185       | 18.5   | 152         | 1              | 10                 |
| BSD19        | 19.0   | 152         | 1              | 10                 |
| BSD195       | 19.5   | 152         | 1              | 10                 |
| BSD20        | 20.0   | 152         | 1              | 10                 |
| BSD22        | 22.0   | 152         | 1              | 10                 |
| BSD24        | 24.0   | 152         | 1              | 10                 |
| BSD25        | 25.0   | 152         | 1              | 10                 |

HSS01

### HSS M2 Ground Stub Drill Bits



Manufactured from a high grade M2 tool steel. This durable engineering quality drill will give a consistent rapid performance into all non-alloy materials.

The 135° split point prevents the bit from drifting. Mainly used for drilling sheet metal.

- Fully ground from solid material
- Dimensionally precise
- Manufactured to DIN1897

| Product Code | Ø (mm) | Length (mm) | Pack Qty (pcs) | Carton Qty (packs) |
|--------------|--------|-------------|----------------|--------------------|
| <b>TUBE</b>  |        |             |                |                    |
| HSSGS32      | 3.2    | 49          | 10             | 10                 |
| HSSGS33      | 3.3    | 49          | 10             | 10                 |
| HSSGS4       | 4.0    | 55          | 10             | 10                 |
| HSSGS41      | 4.1    | 55          | 10             | 10                 |
| HSSGS42      | 4.2    | 55          | 10             | 10                 |
| HSSGS49      | 4.9    | 62          | 10             | 10                 |
| HSSGS5       | 5.0    | 62          | 10             | 10                 |

HGS01



## Cutters, Step Drills & Countersinks

### Cone Cutters



For drilling, enlarging and de-burring holes in thin sheet metal up to a thickness of 2mm.

- High quality M2 grade HSS steel
- 3 flat shank to prevent slipping in the chuck

| Product Code | Ø (mm) | Pack Qty (pcs) | Carton Qty (packs) |
|--------------|--------|----------------|--------------------|
| <b>TUBE</b>  |        |                |                    |
| CC314        | 3-14   | 1              | 10                 |
| CC520        | 5-20   | 1              | 10                 |
| CC531        | 5-31   | 1              | 10                 |
| CC1631       | 16-31  | 1              | 10                 |

DCS02

### De-Burring Countersinks



A single flute countersink designed for cleaning, chamfering or de-burring in alloy and non-alloy metals.

- Transverse hole for burr extraction
- High quality M2 grade HSS steel
- 3 flat shank to prevent slipping in the chuck

| Product Code | Ø (mm) | Pack Qty (pcs) | Carton Qty (packs) |
|--------------|--------|----------------|--------------------|
| <b>TUBE</b>  |        |                |                    |
| CS25         | 2-5    | 1              | 10                 |
| CS510        | 5-10   | 1              | 10                 |
| CS1015       | 10-15  | 1              | 10                 |
| CS1520       | 15-20  | 1              | 10                 |

DCS01

### Step Drills



Ideal for drilling, enlarging or de-burring a precise hole into thin materials such as alloy and non-alloy metals up to a thickness of 4mm.

- Titanium Nitride coating to reduce friction and prolong life
- High quality M2 grade HSS steel
- 3 flat shank to prevent slipping in the chuck

| Product Code | Ø (mm) | Pack Qty (pcs) | Carton Qty (packs) |
|--------------|--------|----------------|--------------------|
| <b>TUBE</b>  |        |                |                    |
| SD412        | 4-12   | 1              | 10                 |
| SD420        | 4-20   | 1              | 10                 |
| SD430        | 4-30   | 1              | 10                 |
| SD439        | 4-39   | 1              | 10                 |

DCS03

### 3 Flute Countersinks



These engineering quality countersinks drill a precise recess to allow a fastener head to sit flush in alloy and non-alloy metals, timber and man-made boards.

- 90° head angle
- High quality M2 grade HSS steel
- 3 flat shank to prevent slipping in the chuck

| Product Code | Ø (mm) | For Screw Ø (mm) | Pack Qty (pcs) | Carton Qty (packs) |
|--------------|--------|------------------|----------------|--------------------|
| <b>TUBE</b>  |        |                  |                |                    |
| CS63         | 6.3    | 3.0-3.5          | 1              | 10                 |
| CS83         | 8.3    | 3.5-4.0          | 1              | 10                 |
| CS104        | 10.4   | 4.5-5.0          | 1              | 10                 |
| CS124        | 12.4   | 6.0              | 1              | 10                 |
| CS165        | 16.5   | 8.0              | 1              | 10                 |
| CS205        | 20.5   | 10.0             | 1              | 10                 |
| CS250        | 25.0   | 12.0             | 1              | 10                 |

DCS01