

Premium Quality HSS Machine drills with brad point and cutting lips

Category D

Made in Germany

Newly developed and made in Germany these Premium Quality HSS drills bits are hard and much more resistant to heat than high carbon steel. They can be used to drill large varieties of woods such as softwood, hardwood, and laminated boards.

- The spiral (or rate of twist) in the drill bit controls the rate of chip removal. A fast spiral (high twist rate or "compact flute") drill bit is used in high feed rate applications under low spindle speeds, where removal of a large volume of wood is required. Chip removal is fast and efficient.
- Fully Ground body and flutes, with bright white finish for the most accurate hole dimensions and high concentricity.
- Two flute design AND two cutting lips to ensure clean surface penetration and clear holes.
- Suitable for deep hole drilling where maintaining accurate and precise hole is paramount.
- Individually packaged in a see-through and reusable plastic tube.



Over all Length 150mm - Cutting Length 100mm



Over all Length 250mm - Cutting Length 200mm



Over all Length 315mm - Cutting Length 250mm



Over all Length 400mm - Cutting Length 300mm



**Over all Length 150mm
Cutting Length 100mm**

Tool no.	Dia.	Shank
1599.103	3mm	3mm
1599.104	4mm	4mm
1599.105	5mm	5mm
1599.106	6mm	6mm
1599.107	7mm	7mm
1599.108	8mm	8mm
1599.109	9mm	9mm
1599.110	10mm	10mm
1599.111	11mm	11mm

**Over all Length 250mm
Cutting Length 200mm**

Tool no.	Dia.	Shank
1599.203	3mm	3mm
1599.204	4mm	4mm
1599.205	5mm	5mm
1599.206	6mm	6mm
1599.207	7mm	7mm
1599.208	8mm	8mm
1599.209	9mm	9mm
1599.210	10mm	10mm
1599.211	11mm	11mm
1599.212	12mm	12mm
1599.213	13mm	13mm
1599.214	14mm	13mm
1599.215	15mm	13mm
1599.216	16mm	13mm

**Over all Length 315mm
Cutting Length 250mm**

Tool no.	Dia.	Shank
1599.303	3mm	3mm
1599.304	4mm	4mm
1599.305	5mm	5mm
1599.306	6mm	6mm
1599.307	7mm	7mm
1599.308	8mm	8mm
1599.309	9mm	9mm
1599.310	10mm	10mm
1599.311	11mm	11mm
1599.312	12mm	12mm
1599.313	13mm	13mm
1599.314	14mm	13mm
1599.315	15mm	13mm
1599.316	16mm	13mm

**Over all Length 400mm
Cutting Length 300mm**

Tool no.	Dia.	Shank
1599.403	3mm	3mm
1599.404	4mm	4mm
1599.405	5mm	5mm
1599.406	6mm	6mm
1599.407	7mm	7mm
1599.408	8mm	8mm
1599.409	9mm	9mm
1599.410	10mm	10mm
1599.411	11mm	11mm
1599.412	12mm	12mm
1599.413	13mm	13mm
1599.414	14mm	13mm
1599.415	15mm	13mm
1599.416	16mm	13mm