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[Bordo](#) ⇨ [Drills](#) ⇨ [Specialist](#) ⇨ [Long Series HSS](#) ⇨ [Metric Bulk](#)

## 12mm HSS Long Series Drill

Part No.	2501-12.00
Diameter (mm)	12
Flute Length (mm)	134
Overall Length (mm)	205
Pack Quantity	1
Spindle Speed Stainless Steel RPM	319
Spindle Speed Tool Steel RPM	478
Spindle Speed Cast Iron RPM	637
Spindle Speed Malleable Iron RPM	717
Spindle Speed Med. Carbon Steel RPM	796
Spindle Speed Free Cutting Steel RPM	1141
Spindle Speed Aluminium/Brass RPM	1619
Spindle Speed Wood/Plastic RPM	2415
Feed per revolution mm	0.23
Barcode	9326518052883



**BLACK FINISH** (also called blue finish) A black finish is achieved by steam tempering, a thermal process resulting in a porous tool coating. This surface helps to keep lubricant on the tool, particularly important on the cutting edges, thus reducing friction and cold welding. The result is increased tool life. Black finish tools are generally recommended for ferrous applications where the oxide layer aids chip flow and heat dissipation.