

# Type 1835

**Straight type drill - DIAMOND COATED -**

**Applications/Advantages:**

- Especially suited for drilling of high Tg and filled materials as well as for IMS PCBs made of aluminium
- Especially suited for drilling of glass, quartz, ceramic (Al<sub>2</sub>O<sub>3</sub> und SiC) und solid silicon
- Number of hits increases by factor 8-20 at very high process capability



**Diamond coating - Made in Germany**

Ø (mm)	Flute length (mm)	
1.30	7.0	-
1.35	7.0	-
1.40	7.0	-
1.45	7.0	-
1.50	7.0	-
1.55	7.0	-
1.60	7.0	-
1.65	7.0	-
1.70	7.0	-
1.75	7.0	-
1.80	7.0	-
1.85	7.0	-
1.90	7.0	-
1.95	7.0	-
2.00	7.0	9.0
2.05	7.0	9.0
:	:	:
:	:	:
3.10	7.0	9.0
3.15	7.0	9.0
3.175	7.0	9.0

Further diameters and flute lengths on request.

**Geometry:**

- right hand cutting, right twisted
- shank Ø 3.175mm
- tolerances according to drill specification
- made of solid carbide