

Type 1835

Straight type drill with GCT MicroSpeed diamond coating

Applications / Advantages:

- Ideally suited for drilling of IMS, aluminium, copper, laminate with ceramic fillers and high Tg material $\geq 200^{\circ}\text{C}$ such as RO4xxx, Arlon 25x, Isola IS 620
- Suited for drilling of glass, quartz, technical ceramics such as Al_2O_3 , AlN , ZrO_2 , SiC und silicon
- High drilling quality and process capability
- Feed rate increases by factor 3-4
- Tool life increases up to 20 times



MicroSpeed diamond coating - Made by GCT in Germany

\varnothing (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	9.0
2.05	9.0
2.10	9.0
:	:
:	:
3.10	9.0
3.15	9.0
3.175	9.0

Further diameters and flute lengths on request.

Type 1835:

- right hand cutting, right twisted
- shank \varnothing 3.175mm
- overall length 38.10mm
- tolerances according to GCT drill specification
- made of solid carbide