

# Type 1750

**Router with extra fine spiral cut and GCT MicroSpeed diamond coating**

**Applications / Advantages:**

- Routing of inner and outer contours as well as for depaneling of assembled PCB
- Ideally suited for laminate with ceramic fillers and high Tg material  $\geq 200^{\circ}\text{C}$  such as RO4xxx, Arlon 25x, Isola IS 620
- Very high dimensional accuracy and process capability due to extreme rigid geometry and **thicker diamond coating**



**MicroSpeed diamond coating - Made by GCT in Germany**

| $\varnothing$ (mm) | Flute length (mm) |
|--------------------|-------------------|
| 0.8                | 5.0               |
| 1.0                | 5.2               |
| 1.2                | 6.0               |
| 1.5                | 7.5               |
| 1.6                | 7.5               |
| 2.0                | 9.0               |
| 2.4                | 9.0               |

Further diameters and flute lengths on request.

**Type 1750:**

- **thicker diamond coating**
- right hand cutting, right twisted (up cut)
- fishtail cut
- shank  $\varnothing$  3.175mm
- overall length 38.10mm
- tolerances according to GCT router specification
- made of solid carbide

**Type 1760 on request:**

- right hand cutting, **left twisted** (down cut)
- further data as per type 1700
- not available in all  $\varnothing$