

Type

# 1835



## Drill -Standard - DIAMOND COATED

Applications / Advantages:

- Ideally suited for drilling of IMS, aluminum, copper, laminate with ceramic fillers and high Tg materials as RO4003/4350, Arlon 25x, Isola IS 620
- Suited for drilling of glass, quartz, ceramic (Al<sub>2</sub>O<sub>3</sub>, AlN, ZrO<sub>2</sub> and SiC) and silicon
- High drill quality and process capability
- Feed rate increases by factor of 3 - 4
- Tool life increases by up to 20 times



**DIAMOND COATING - Made in Germany**

Size mm	Diameter inch	Flute Length	
		mm	inch
1.30	.0512	7.0	.276
1.35	.0531	7.0	.276
1.40	.0551	7.0	.276
:	:	:	:
:	:	:	:
1.90	.0748	7.0	.276
1.95	.0768	7.0	.276
2.00	.0787	9.0	.354
2.05	.0807	9.0	.354
:	:	:	:
:	:	:	:
:	:	:	:
3.10	.1220	9.0	.354
3.15	.1240	9.0	.354
3.175	.1250	9.0	.354

\* Additional sizes and flute lengths made to order.

Geometry: 1835

- Right hand spiral, right hand cut (up cut)
- Shank diameter .1250" and over-all-length is 1.500"
- Tolerances according to drill specifications.
- Made of solid carbide.

### Manufactured by:

**GCT, GmbH**  
**Josef-Bayer-Srt.3**  
**D-88250 Weingarten**  
**Germany**  
 Rev- 02/2015

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**Subject to technical changes**



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