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Carbide twist drill

Hard, abrasion-proof and brittle.

Specification

Item	Value
Type	Twist drill
Point	—
Material	Solid carbide
Use for	Carbon and glass fibre; titanium
Do not use for	—

A dash means the sources do not state it.

Sizes

Size	For	Inches (official)	mm (converted, not official)
Largest single step, titanium	Titanium, by hand	0.1563 in	3.970

Exact mm = inches × 25.4.

Notes

- **Inch values are official.** Aviation is designed and worked in inches. Millimetres are converted and are not official; where one is shown, the metric drill is the nearest alternative, not the official drill.
- Chipped edges are the usual failure.

SOURCES · FAA-H-8083-31, AMT Handbook, Airframe, Volume 1

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/drills/carbide-twist/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.