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Threaded shank drill

Screws into a right angle drill head.

Specification

Item	Value
Type	Twist drill
Point	—
Material	As listed: NAS 965 cobalt, 135° split point
Use for	Right angle drills, where a pistol grip motor cannot reach
Do not use for	Cobalt in aluminium: see the cobalt sheet

A dash means the sources do not state it.

Sizes

Size	For	Inches (official)	mm (converted, not official)	Nearest metric alternative, mm
#40	Final, 3/32 rivet	0.0980 in	2.489	2.50
#30	Final, 1/8 rivet	0.1285 in	3.264	3.25
#21	Final, 5/32 rivet	0.1590 in	4.039	4.05
#11	Final, 3/16 rivet	0.1910 in	4.851	4.85

Exact mm = inches × 25.4. The alternative is the nearest 0.05 mm step: commonly used where inch drills cannot be bought, NOT the official drill. The manual sets the tolerance.

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.
- Listed shank thread 1/4-28: check it against your drill. The Handbook gives no thread.

SOURCES · FAA-H-8083-31, AMT Handbook, Airframe, Volume 1 · Listing as recorded in our catalog

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theaviationpoint.com/parts/drills/threaded-shank/