

Drop-In Anchor Drill Bit Size Chart

Carbide drill bit for each drop-in size · the bit is one size OVER the anchor

DROP-IN ANCHOR	CARBIDE DRILL BIT
1/4"	3/8" 9.5 mm
3/8"	1/2" 12.7 mm
1/2"	5/8" 15.9 mm
5/8"	7/8" 22.2 mm
3/4"	1" 25.4 mm

The bit is always ONE SIZE OVER the stated size (a 3/8" drop-in uses a 1/2" bit, not a 3/8") — because the number stamped on a drop-in is its INTERNAL THREAD (the bolt it accepts), not the hole. The hole must fit the larger outer shield/body. The two highlighted rows (3/8" and 1/2") are the common sizes.

Hole depth: drill at least 1" deeper than the anchor length, to full embedment (embedment is about the anchor length; drop-ins set flush). Clear the dust before setting. Drop-ins are set flush with a matched SETTING TOOL that expands the anchor; the female thread then lets a bolt be removed and reinserted.

SOLID CONCRETE ONLY (not brick or hollow block — use a sleeve anchor there). Requires a HAMMER DRILL (or rotary hammer) and a carbide-tipped bit meeting ANSI B212.15; for 1/2" bits and larger a 4-cutter / SDS carbide bit is strongly recommended. Always check the size printed on the anchor packaging; for structural or code-governed work follow the manufacturer's data and local code.