

Anchor Drill Size Chart (Masonry Bits)

The masonry drill bit size for each anchor diameter, and the minimum embedment depth.

Anchor diameter	Drill bit (in)	Min embed (concrete)	Anchor types
1/4	1/4	1-1/8 in	Wedge, sleeve, Tapcon
5/16	5/16	1-1/4 in	Sleeve, hammer-set
3/8	3/8	1-1/2 in	Wedge, sleeve, drop-in
1/2	1/2	2-1/4 in	Wedge, sleeve
5/8	5/8	2-3/4 in	Wedge, drop-in
3/4	3/4	3-1/4 in	Wedge, drop-in

Note: Drill the hole 1/2 in deeper than the emb

Reference values only — verify against the governing standard or manufacturer before use.