

Types of Concrete Anchors

The anchor families for concrete and masonry, with base material, embedment, and capacity.

Anchor type	Base material	Min embed	Typical capacity	Removable?
Wedge anchor	Concrete only	1-1/8-3-1/4 in	Very high	No
Sleeve anchor	Concrete, brick, block	1-1/4-2 in	Medium-high	No
Drop-in anchor	Concrete only	1-9/16 in	High (female)	No
Concrete screw (Tapcon)	Concrete, brick, block	1-1-3/4 in	Medium	Yes
Chemical (epoxy) anchor	Concrete, hollow	Varies	Highest	No
Hammer-set anchor	Concrete, block	1-1-1/2 in	Low-medium	No

Note: Capacities depend on concrete strength.

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