

Concrete Screw Bolts

- For use in racking, shelving, material handling, structural anchorage, masonry and food & beverage facilities.
- One piece heavy-duty anchor with a finished hex-head.
- Fits standard fixture hole dimensions in fabricated steel.
- Fast installation and immediate loading reduces downtime.
- For proper performance, screw anchors must be installed with the corresponding bits. The bits have a matched tolerance range designed to provide optimum performance.



>ICC-ES Listed, ESR 2526, qualified for static, seismic and wind loading in concrete.

>ICC-ES Listed, ESR 1678, qualified for static, wind and seismic loading in grouted masonry.

Concrete Screw Bolts - Data	1/4"	3/8"
ACB Drill Bit Size (in.)	1/4	3/8
Concrete Screw Tolerance Range (in.)	0.255 - 0.259	0.385 - 0.389
Min. Embedment Depth (in.)	1	1 1/2
Load Capacity Tension (lbs) *	335	630
Load Capacity Shear (lbs) *	470	860

* Based on concrete compression strength of 4000 psi in uncracked concrete using applied safety factor of 4.0. For additional loading information contact factory. For ultimate strength design data in cracked and uncracked concrete, see ICC-ES ESR-2526.

UPC/Part Number	Catalog Number	Anchor Length	Thread Length	Box Qty.
Screw Type Anchor - Steel				
78205153247	ACB-25-175	1/4" x 1 3/4"	1 5/8"	100
78205153248	ACB-25-225	1/4" x 2 1/4"	2"	100
78205153249	ACB-25-300	1/4" x 3"	2 3/4"	100
78205153250	ACB-37-175	3/8" x 1 3/4"	1 1/2"	50
78205153251	ACB-37-250	3/8" x 2 1/2"	2 1/4"	50
78205153252	ACB-37-300	3/8" x 3"	2 3/4"	50
78205153253	ACB-37-400	3/8" x 4"	3 3/4"	50

UPC/Part Number	Catalog Number	Drill Size	Usable Length	Overall Length	Box Qty.
Drill Bits - Straight Shank Type					
78205153254	1372	1/4"	4"	6"	1
78205153256	1380	3/8"	4"	6"	1
Drill Bits - SDS Type					
78205153255	1314	1/4"	4"	6"	1
78205153257	1316	3/8"	4"	6"	1

Note: Matched tolerance bits must be used for installation.

Read safety/installation instruction sheets in packages before use.