

Concrete Screws

- Light to medium duty anchor for use in concrete, masonry block and brick base materials.
- Concrete screws are engineered with matched tolerance bits and installation tools to optimize performance.
- High low thread design for greater stability and grip.
- No hole spotting required.
- One drill bit is packaged in each box of concrete screws.
- Blue fluorocarbon coating for corrosion resistance.

Catalog Number	Size
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Hex Head Concrete Screws

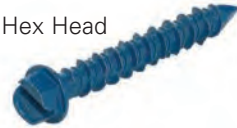
ACS-18-125H †	$\frac{3}{16}'' \times 1\frac{1}{4}''$
ACS-18-175H †	$\frac{3}{16}'' \times 1\frac{3}{4}''$
ACS-18-225H	$\frac{3}{16}'' \times 2\frac{1}{4}''$
ACS-18-275H	$\frac{3}{16}'' \times 2\frac{3}{4}''$
ACS-18-325H	$\frac{3}{16}'' \times 3\frac{1}{4}''$
ACS-18-375H	$\frac{3}{16}'' \times 3\frac{3}{4}''$
ACS-18-400H	$\frac{3}{16}'' \times 4''$
ACS-25-125H †	$\frac{1}{4}'' \times 1\frac{1}{4}''$
ACS-25-175H †	$\frac{1}{4}'' \times 1\frac{3}{4}''$
ACS-25-225H	$\frac{1}{4}'' \times 2\frac{1}{4}''$
ACS-25-275H	$\frac{1}{4}'' \times 2\frac{3}{4}''$
ACS-25-325H	$\frac{1}{4}'' \times 3\frac{1}{4}''$
ACS-25-375H	$\frac{1}{4}'' \times 3\frac{3}{4}''$
ACS-25-400H	$\frac{1}{4}'' \times 4''$

Flat Head Concrete Screws

ACS-18-125F †	$\frac{3}{16}'' \times 1\frac{1}{4}''$
ACS-18-175F †	$\frac{3}{16}'' \times 1\frac{3}{4}''$
ACS-18-225F	$\frac{3}{16}'' \times 2\frac{1}{4}''$
ACS-18-275F	$\frac{3}{16}'' \times 2\frac{3}{4}''$
ACS-25-125F †	$\frac{1}{4}'' \times 1\frac{1}{4}''$
ACS-25-175F †	$\frac{1}{4}'' \times 1\frac{3}{4}''$
ACS-25-225F	$\frac{1}{4}'' \times 2\frac{1}{4}''$
ACS-25-275F	$\frac{1}{4}'' \times 2\frac{3}{4}''$

† Not ICC-ES listed

Hex Head



Hex Head - Data	$\frac{3}{16}''$	$\frac{1}{4}''$
ANSI Drill Bit Size (in.)	$\frac{5}{32}$	$\frac{3}{16}$
Fixture Clearance Hole (in.)	$\frac{1}{4}$	$\frac{5}{16}$
Head Height (in.)	$\frac{7}{64}$	$\frac{9}{64}$
Head Width (in.)	$\frac{1}{4}$	$\frac{5}{16}$
Washer O.D. (in.)	$\frac{11}{32}$	$\frac{13}{32}$
Washer Thickness (in.)	$\frac{1}{32}$	$\frac{1}{32}$
Hex Driver (in.)	$\frac{1}{4}$	$\frac{5}{16}$

Flat Head



Flat Head - Data	$\frac{3}{16}''$	$\frac{1}{4}''$
ANSI Drill Bit Size (in.)	$\frac{5}{32}$	$\frac{3}{16}$
Fixture Clearance Hole (in.)	$\frac{1}{4}$	$\frac{5}{16}$
Phillips Head O.D. (in.)	$\frac{3}{8}$	$\frac{1}{2}$
Phillips Head Height (in.)	$\frac{9}{64}$	$\frac{3}{16}$
Phillips Bit Size	2	3

Embedment Depth	Nominal Anchor Dia. / Loading*			
	$\frac{3}{16}''$ Tension	$\frac{3}{16}''$ Shear	$\frac{1}{4}''$ Tension	$\frac{1}{4}''$ Shear
$1\frac{3}{4}''$	360	240	555	375

* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

ICC-ES Listed, ESR 3068, qualified for static, wind and loading in concrete.

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

ICC-ES Listed, ESR 3213, qualified for use in chemically treated wood.

ICC-ES Listed, ESR 3042, qualified for use in wood.



Straight Shank Drill Bit



SDS Hex Drill Bit

Catalog Number	Bit Size	Usable Length
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Straight Shank Drill Bits

2782SD	$\frac{5}{32}'' \times 4\frac{1}{2}''$	3"
2786SD	$\frac{3}{16}'' \times 4\frac{1}{2}''$	3"

SDS Hex Drill Bits

2793	$\frac{5}{32}'' \times 5''$	3"
2796	$\frac{3}{16}'' \times 5''$	3"



Catalog Number	Description
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Setting Tool

2791	Concrete Screw Tool Kit
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Reference page 254 for general fitting and standard finish specifications.