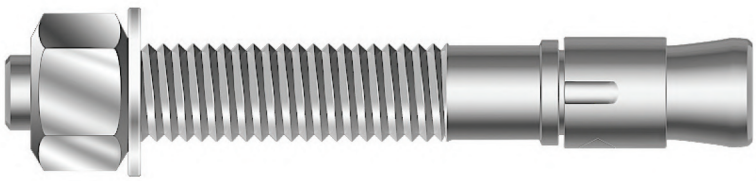
Sup-R® STUD® +



A SOLID CONNECTION®
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AIS APPROVED WEDGE ANCHOR

Wedge Anchor is used to resist static, wind, and seismic (Seismic Design Categories A and B only) tension and shear loads in uncracked normal or light-weight concrete with a specified compressive strength.

AVAILABLE MATERIALS

- Carbon steel, zinc plated
- Carbon steel, mechanically galvanized Class 65
- Grade 5, yellow di-chromated
- 303/304 stainless steel
- 316 stainless steel

APPROVALS / LISTINGS

- G.S.A. Spec A-A-1923A, CID TYPE 4
- ICC ESR-3782 C-STL, ZP 1/4" SS
- Contact customer service for approvals / listings for state D.O.T.'s

FEATURES / ADVANTAGES

- Required hole diameter equals anchor diameter
- Excellent for setting immediately - Can be loaded immediately
- Can be set in a bottomless hole - Simple installation
- Nut and washer supplied in package
- ROHS compliant

CONSIDERATIONS

- Do not use in brick or block
- Not advised for use where vibratory loads are high
- Oversize holes are detrimental and will reduce load performance

Anchor Spacing / Edge Distance

Anchor Diameter	Nominal Embedment	Min. Anchor Spacing*	Min. Edge Distance*
1/4"	1-1/2"	2-1/2"	1-1/4"
3/8"	2-7/16"	3-3/4"	1-7/8"
1/2"	2-9/16"	5"	2-1/2"
5/8"	3-3/8"	6-1/4"	3-1/8"
3/4"	4-5/8"	7-1/2"	3-3/8"
7/8"	4"	8-3/4"	4-3/8"
1"	4-1/2"	10"	5"
1-1/4"	6-1/2"	12-1/2"	6-1/4"

* To obtain 100% load