

**AVAILABLE MATERIALS**

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

**FEATURES/ADVANTAGES**

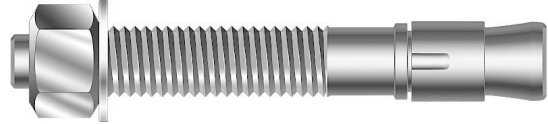
- Required hole diameter equals anchor diameter
- Excellent for setting immediately
- Can be loaded immediately
- Can be set in a bottomless hole
- Simple installation
- Nut and washer supplied in package
- ROHS compliant except for Grade 5

**CONCERNS**

- 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

**APPROVALS/LISTINGS**

- G.S.A. Spec FF-S-325C, Group II, Type 4, Class 1
- ICC ESR-3782 C-STL, ZP 1/4" SS
- Contact customer service for approvals / listings for state D.O.T.'s
- Metro Dade NCA No: 10-0928.01



Diameter (in)	Effective Embedment Depth (in)	Concrete Strength (psi)	Design load	
			Tension* (lbf)	Shear**(lbf)
3/8	2	2500	1971	2104
3/8	2	3000	2169	2104
3/8	2	4000	2485	2104
3/8	2	5000	2780	2104
3/8	2	6000	3055	2104
3/8	2	7000	3294	2104
3/8	2	8000	3530	2104
3/8	2	8500	3629	2104
1/2	2	2500	2745	2955
1/2	2	3000	3005	3235
1/2	2	4000	3470	3535
1/2	2	5000	3880	3535
1/2	2	6000	4250	3535
1/2	2	7000	4590	3535
1/2	2	8000	4905	3535
1/2	2	8500	5060	3535
5/8	2-3/4	2500	4420	6610
5/8	2-3/4	3000	4845	6610
5/8	2-3/4	4000	5590	6610
5/8	2-3/4	5000	6250	6610
5/8	2-3/4	6000	6850	6610
5/8	2-3/4	7000	7400	6610
5/8	2-3/4	8000	7915	6610
5/8	2-3/4	8500	8155	6610

\* Only in Tension - NO Shear load  
 \*\* Only in Shear - NO Tension Load

Design load capacities are multiplied by reduction factors when anchor spacing or edge distances are less than critical distances.

**CONTACT**