



Toll Free 800.691.0292

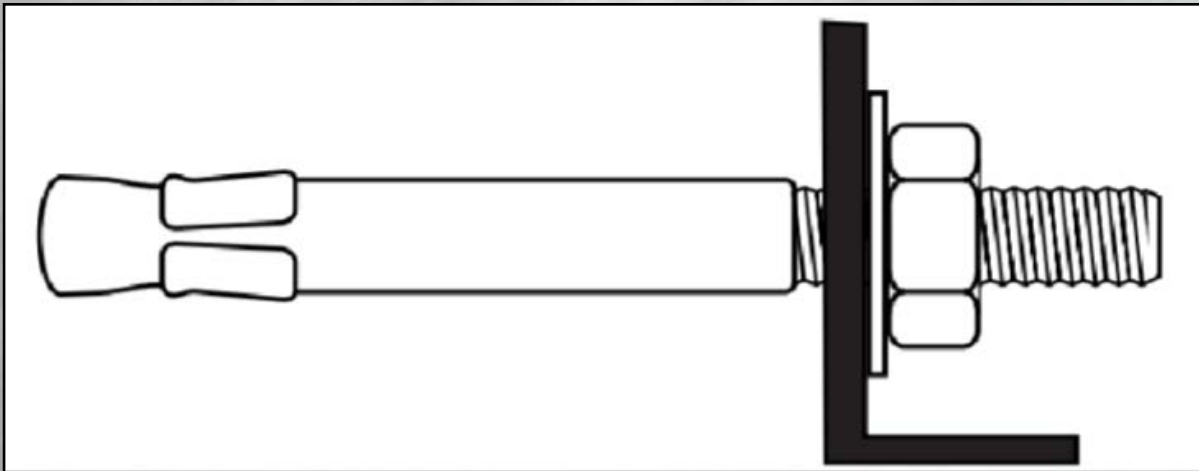
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# WEDGE ANCHORS



W x L Anchor Size	Minimum Embedment (Inches)	Fastens Material Up To	Thread Length	Average Ultimate Tensile & Shear Values	
				4000 PSI Concrete Tensile	2000 PSI Concrete Shear
1/4/20 x 1-3/4	1	3/8	7/8	1500	900
1/4-20 x 2		3/4	1-1/8		
1/4-20 x 2-1/4		7/8	1-1/4		
1/4-20 x 3		1-1/2	3/4		
1/4-20 x 3-1/4		1-7/8	2-1/4		
5/16-18 x 2-3/4	1-1/4	1-1/8	1-3/4	1900	2700
5/16-18 x 3		1-3/8	1-3/4		
5/16-18 x 4		2-3/8	1		
3/8-16 x 2-1/4	1-1/2	3/8	1-1/2	3600	4100
3/8-16 x 2-3/4		7/8	1-3/4		
3/8-16 x 3		1-1/8	3		
3/8-16 x 3-1/4		1-3/8	2		
3/8-16 x 3-1/2		1-5/8	2-7/8		
3/8-16 x 3-3/4		1-7/8	2-3/4		
3/8-16 x 5		3-1/8	2-3/4		
3/8-16 x 6-1/2		4-5/8	2-1/8		
3/8-16 x 7		4-3/4	5-3/4		



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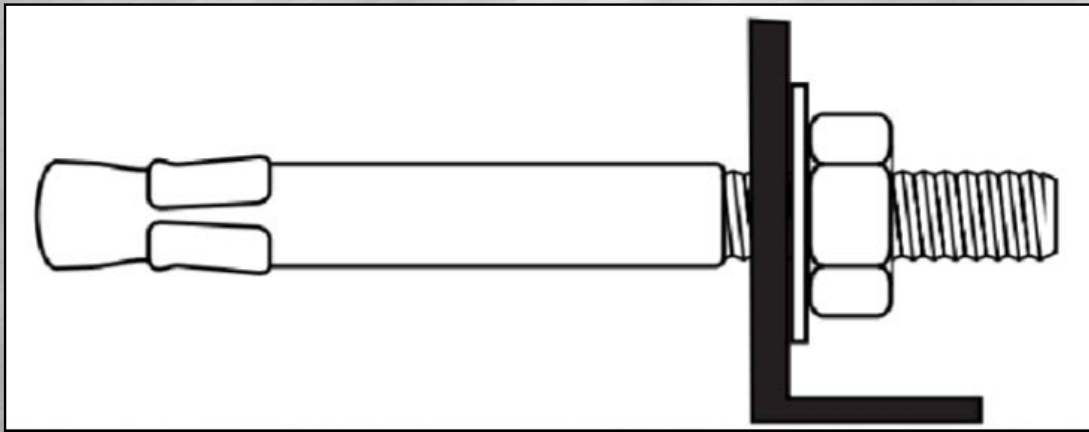
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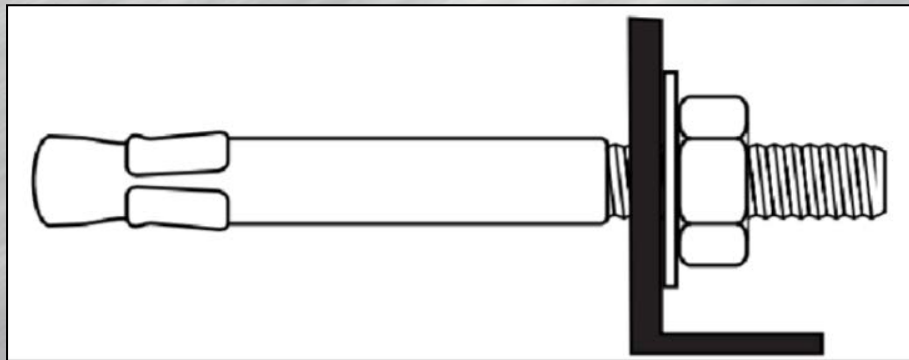
W x L Anchor Size	Minimum Embedment (Inches)	Fastens Material Up To	Thread Length	Average Ultimate Tensile & Shear Values	
				4000 PSI Concrete Tensile	2000 PSI Concrete Shear
3/4-10 x 4-1/4	3	1/2	2-1/2	7200	14800
3/4-10 x 4-1/2		7/10	2-1/2		
3/4-10 x 4-3/4		1	2-1/8		
3/4-10 x 5-1/2		1-3/4	2-3/4		
3/4-10 x 6		2-1/5	2-1/2		
3/4-10 x 6-1/4		2-1/2	3		
3/4-10 x 7		3-1/4	2-1/4		
3/4-10 x 8-1/2		4-3/4	2-3/8		
3/4-10 x 10		6-1/4	2-3/8		
3/4-10 x 12		8-1/4	2-1/2		
7/8-9 x 6	3-1/2	1-5/8	2-1/2	12800	21800
7/8-9 x 8		3-5/8	2-1/2		
7/8-9 x 10		5-5/8	2-1/4		
1-8 x 6	4	1	2-1/2	13700	27300
1-8 x 9		4	2-1/4		
1-8 x 12		7	2-1/2		
1-1/4-7 x 9	5-5/8	2-1/8	3-1/4	27320	38035
1-1/4-7 x 12		5-1/8	3-1/4		



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**DESCRIPTION:** A four-piece assembly consisting of (1) an anchor bolt threaded at one end with a unified pitch, and a shoulder at the opposite end which retains a free spinning clip, (2) a clip with three lateral slits and projections designed to exert greater holding power, the greater the load is applied, (3) a hex nut and, (4) a flat washer.

**APPLICATIONS / ADVANTAGES:** These are heavy-duty, non-bottom bearing anchors of greater shear strength than other light duty and medium-duty expansion anchors. The design of the expansion clip assures full contact with masonry. Wedge anchors withstand temperature fluctuations well. For best performance, minimum anchor spacing should be 10 hole diameters and minimum edge distance by 5 hold diameters.

## MATERIAL:

	Carbon Steel	Type 304 Stainless
<b>Anchor Body:</b>	AISI 1018 - 12L14 or equivalent free-machining carbon steel.	<b>Anchor Body:</b> Type 304Cu (1/4" thru 3/4" diameters)
<b>Expansion Wedge:</b>	AISI C1000 - 1010 or equivalent carbon steel.	<b>Expansion Wedge:</b> Type 304 Stainless
<b>Nut:</b>	ASTM A-563 Grade A Carbon Steel	<b>Nut:</b> 18-8 Stainless
<b>Washer:</b>	Carbon Steel	<b>Washer:</b> 18-8 Stainless

**ULTIMATE SHEAR STRENGTH:** See average test values as listed in the above table(s). *Important: The maximum working loads should not exceed 1/4" of the average ultimate values for a specific size.*

**PLATING:** Steel wedge anchors are typically zinc or mechanically galvanized plated. Stainless wedge anchors are usually supplied without any additional coating.