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Lag Shield Anchor



The lag shield is a screw style anchor designed for use with lag bolts. Lag shields are suitable for use in concrete and the mortar joints of block or brick walls. In harder masonry materials, short style lag shields are used to reduce drilling time. The long style lag shield is used in soft or weak masonry to better develop strength. The lag shield is not recommended for overhead applications.

Anchor Size	Length Of Anchor	Recommended Hole Diameter	Recommended Hole Depth	Allowable Load Capacity									
				2000 PSI Concrete		4000 PSI Concrete		6000 PSI Concrete		Hollow Block		Brick	
				Tensile (lbs.)	Shear (lbs.)	Tensile (lbs.)	Shear (lbs.)	Tensile (lbs.)	Shear (lbs.)	Tensile (lbs.)	Shear (lbs.)	Tensile (lbs.)	Shear (lbs.)
1/4 Short	1"	1/2	1"	50	200	70	250	90	250	45	145	50	205
1/4 Long	1-1/2"	1/2	1-1/2"	75	200	85	250	105	250				
5/16 Short	1"	1/2	1-1/4"	80	245	130	275	165	275	70	205	85	295
5/16 Long	1-3/4"	1/2	1-3/4"	90	245	135	275	140	275				
3/8 Short	1-3/4"	5/8	1-3/4"	145	290	210	360	225	360	160	225	240	325
3/8 Long	2-1/2"	5/8	2-1/2"	185	290	270	360	320	360				
1/2 Short	2"	3/4	2"	200	330	300	400	315	400	205	320	245	430
1/2 Long	3"	3/4	3"	365	330	525	400	590	400				

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