



Atlanta, Georgia

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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 | | | | |

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.



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| 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 |
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