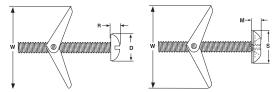


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Toggle Bolt Zinc



Toggle bolts are spring wing type hollow wall anchors designed for light duty use in block, gypsum wallboard, and other hollow base materials. The part is a two component assembly consisting of a machine screw and a spring wing toggle.

| | Thread Size | Drill Bit Size | M Mushroom Head Height | | S Mushroom Hd Diameter | | R Round Head Height | | D Round Hd Diameter | | W | Allowable Lo | | oad Capacity | |
|--------|----------------|-------------------|------------------------------|-------|------------------------------|-------|---------------------------|-------|---------------------------|-------|-----------|----------------------|-----------------|-------------------|-----------------|
| Anchor | | | | | | | | | | | Wing | In 1/2" Wallboard | | Hollow Block | |
| Size | | | Max | Min | Max | Min | Max | Min | Max | Min | Clearance | Tensile (lbs.) | Shear (lbs.) | Tensile (lbs.) | Shear (lbs.) |
| 1/8 | 6-32 | 3/8 | 0.086 | 0.074 | 0.321 | 0.303 | 0.103 | 0.091 | 0.260 | 0.240 | 1-1/16 | 40 | 35 | 40 | 35 |
| 3/16 | 10-24 | 1/2 | 0.128 | 0.113 | 0.448 | 0.425 | 0.137 | 0.123 | 0.359 | 0.334 | 1-3/8 | 45 | 50 | 70 | 70 |
| 1/4 | 1/4-20 | 5/8 | 0.150 | 0.133 | 0.573 | 0.546 | 0.175 | 0.160 | 0.472 | 0.443 | 1-1/2 | 60 | 60 | 70 | 120 |
| 5/16 | 5/16-18 | 7/8 | 0.183 | 0.162 | 0.698 | 0.666 | 0.216 | 0.198 | 0.590 | 0.557 | 2-1/8 | 65 | 70 | 85 | 135 |
| 3/8 | 3/8-16 | 7/8 | 0.215 | 0.191 | 0.823 | 0.787 | 0.256 | 0.237 | 0.708 | 0.670 | 2-1/8 | 65 | 75 | 195 | 140 |
| 1/2 | 1/2-13 | 1-1/4 | 0.280 | 0.250 | 1.073 | 1.028 | 0.355 | 0.332 | 0.813 | 0.766 | 3" | 80 | 80 | 230 | 160 |

Toggle Wings Are Manufactured From AISI 1010 Carbon Steel Screw Is Manufactured From ANSI B16.6.3 Carbon Steel

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