



Atlanta, Georgia

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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.**

| Anchor Size | Thread Size | Drill Bit Size | M                    |       | S                    |       | R                 |       | D                 |       | W      | Allowable Load Capacity |                   |              |                |              |
|-------------|-------------|----------------|----------------------|-------|----------------------|-------|-------------------|-------|-------------------|-------|--------|-------------------------|-------------------|--------------|----------------|--------------|
|             |             |                | Mushroom Head Height |       | Mushroom Hd Diameter |       | Round Head Height |       | Round Hd Diameter |       |        | Wing Clearance          | In 1/2" Wallboard |              | Hollow Block   |              |
|             |             |                | Max                  | Min   | Max                  | Min   | Max               | Min   | Max               | Min   |        |                         | 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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