

Ultimate Load Capacities for Toggle Bolt in Drywall/Sheetrock¹

Anchor Diameter <i>d</i> in.	3/8" Drywall/Sheetrock		1/2" Drywall/Sheetrock		5/8" Drywall/Sheetrock		3/4" Drywall/Sheetrock	
	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
1/8	105	120	140	135	180	180	215	210
3/16	125	140	175	190	230	235	285	280
5/16	230	240	240	280	270	300	315	340
3/8	235	250	245	295	285	315	335	355
1/2	245	275	315	315	385	375	405	400

1. The values listed above are ultimate load capacities which should be reduced by a minimum safety factor of 4.0 or greater to determine the allowable working load.

Allowable Load Capacities for Toggle Bolt in Drywall/Sheetrock¹

Anchor Diameter <i>d</i> in.	3/8" Drywall/Sheetrock		1/2" Drywall/Sheetrock		5/8" Drywall/Sheetrock		3/4" Drywall/Sheetrock	
	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
1/8	25	30	35	35	45	45	50	55
3/16	30	35	40	50	55	60	70	70
5/16	55	60	55	70	65	75	75	85
3/8	55	65	60	75	70	80	75	90
1/2	60	70	75	80	90	95	100	100

1. Allowable load capacities listed are calculated using an applied safety factor of 4.0.