



# SUBMITTAL SHEET

Submittal Sheet #20061219

## Acoustical Tie Wire Toggle Bolt

Product:	Item#	Description	Unit Pack
	sfast	Grabber Springshot™ Self-Centering Acoustical Toggle Bolt	

Acoustical Tie Wire Toggle Bolt for Interior Applications.

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

### Ultimate Load Capacities in Wallboard

Anchor Diameter	3/8" Wall Board		1/2" Wall Board		5/8" Wall Board		3/4" Wall Board	
	Tension Lbs. (Kn)	Shear Lbs. (Kn)	Tension Lbs. (Kn)	Shear Lbs. (Kn)	Tension Lbs. (Kn)	Shear Lbs. (Kn)	Tension Lbs. (Kn)	Shear Lbs. (Kn)
1/4" in. (mm)	215	210	235	235	265	260	290	280
6.4 mm	(1.0)	(0.9)	(1.1)	(1.1)	(1.2)	(1.2)	(1.4)	(1.4)

### Allowable Load Capacities of SlingShot Acoustical Toggle Bolts

Anchor Diameter	3/8" Wall Board		1/2" Wall Board		5/8" Wall Board		3/4" Wall Board	
	Tension Lbs. (Kn)	Shear Lbs. (Kn)	Tension Lbs. (Kn)	Shear Lbs. (Kn)	Tension Lbs. (Kn)	Shear Lbs. (Kn)	Tension Lbs. (Kn)	Shear Lbs. (Kn)
1/4" in. (mm)	55	55	60	60	65	65	80	75
6.4 mm	(0.2)	(0.2)	(0.3)	(0.3)	(0.3)	(0.3)	(0.4)	(0.4)

### Ultimate and Allowable Load Capacities for Toggle in Hollow Concrete Masonry 1,2

Ultimate Load		Allowable Load	
Tension	Shear	Tension	Shear
350	595	70	120

1. Tabulated load values are for anchors installed in minimum 6-inch wide, Grade N, Type II, medium and normal-weight concrete masonry units. Mortar must be minimum Type N.
2. Allowable load capacities are calculated with  $\Omega_4$  Load Reduction.

