

SUBMITTAL SHEET

Submittal Sheet #20061219

Acoustical Tie Wire Toggle Bolt

Product:	ltem#	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	
Diameter	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
in.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
(mm)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)
1/4"	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	
Diameter	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
in.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
(mm)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)	(Kn)
1/4"	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

Ultimat	e 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. Motar must be minimum Type N.
- 2. Allowable load capacities are calculated with $\Omega 4$ Load Reduction.

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SUBMITTAL APPROVALS: Acoustical Tire Wire Toggle Bolt

Product	ltem#	Description				
SpringShot SFAST		The SpringShot's self-centering patented washer keeps pressure on the toggle fixed and secure, and won't loosen over time even with vibration. ANSI Spec. B18.2.1 Zinc coating ASTM B 633.				
CONTRACTOR		DATE				
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TRADEMARKS:		NOTICE:				
The following trademark used herein is owned by Grabber Construction Products, Inc.: GRABBER.		We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be (30) days of the date it was or reasonably should have been discovered.				

reasonably should have been discovered.