

# **SUBMITTAL SHEET**

Submittal Sheet #20061219

## **Acoustical Tie Wire Toggle Bolt**

Product:	<b>ltem#</b> sfast	<b>Description</b> Grabber Springshot™ Self-Centering Acoustical Toggle Bolt	Unit Pack
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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  $\Omega4$  Load Reduction.

### 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.	
JOB NAME			
CONTRACTOR		DATE	
TRADEMARKS:		NOTICE:	

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