



AEROSMITH® FASTENING SYSTEMS – March, 2018

TECHNICAL BULLETIN #103

(Rev. 10/2004; and 03/2018)

**Average Ultimate Fastener Withdrawal Values (Pounds)*
Aerosmith® Brand Pins vs. S-12 Screw**

	<i>STEEL THICKNESS</i>					
Fastener	27 mil (22 ga)	33 mil (20 ga) structural	43 mil (18 ga)	54 mil (16 ga)	68 mil (14 ga)	97 mil (12 ga)
Aerosmith® Brand (VersaPin™)**	185.0	285.0	400.2	531.4	748.4	834.0
**S-12 Screw	No Value	165	377	539	825	911

* Contact your design professional for the accepted use for the above values.

**Sources:

- (i) S-12 Screw withdrawal values published by ITW Buildex on 10/20/04. Updated to include report # R-1304 by Ron Hoffman 11/04.
- (ii) Aerosmith values from Progressive Engineering test data.

Aerosmith Fastening Systems
 5621 Dividend Road
 Indianapolis, IN 46241
 Toll-Free: 800.528.8183
 Tel: 317.243.5959
 Fax: 317.390.6980