



AEROSMITH FASTENING SYSTEMS

TECHNICAL BULLETIN #110

July 2008

**Aerosmith Brand SurePins & VersaPins
WITHDRAWAL COMPARISONS**

**Allowable Design Loads in LBS.
(S.F. = 2.5)**

Steel Gauge	#12 S.D. Screw & #14 S.D. Screw(1)	.145" Nom. Pin(2)	.100" Nom. Pin(2)
14 ga.	SSMA – 196, #12SD SSMA – N/A #14 Grabber – 231, #12SD Grabber – 241, #14SD	263.8	175.7
12ga.	SSMA – N/A #12SD SSMA – N/A #14SD Grabber – 390, #14SD Grabber – 386, #14SD	404	209.9

Sources:

- (1) SSMA Technical Catalog, 2001; ‘Fasteners’; page 48 www.ssma.com and Grabber ICC-ER5280 www.grabberman.com
- (2) ‘Design Provisions for Aerosmith Pins’ Report #LGSRG-2-96; Reynaud Serrette, PHD, S.E.; Santa Clara University 1996.