

**Ultimate and Allowable load Capacities for Hollow Block Anchors in Hollow Concrete Masonry 1,2,3,4,5,6,7
(Masonry Unit 2810 PSI)**

Aerosmith Part #	Anchor Length	Rod Diameter (inches)	Drill Bit Dia. (ANSI inches)	Embedment (inches)	Ultimate Load		Allowable Load	
					Tension	Shear	Tension	Shear
HBA-38	1-5/16"	3/8"	5/8"	1-5/16"	1300	2350	325	587
HBA-12	1-3/4"	1/2"	3/4"	1-3/4"	1500	2700	375	675

1. Load values are applicable to masonry units conforming to ASTM C-90. Mortar must be minimum type N. masonry cells may be grouted. Masonry compressive strength must at specified minimum at the time of installation.
2. Allowable loads are calculated using a safety factor of 4.0. Consideration of safety factors of 20 or higher may be necessary depending on application, (Life Safety and sustained loading conditions).
3. The load values are applicable for anchors installed into masonry wall faces.
4. The values are applicable to single anchors.
5. Anchors were installed with sleeves flush to the block surface and with a Hollow Block Setting tool. (sold separately) Embedment is measured from the surface of the base material.
6. Minimum face shell thickness must be at minimum 1.25 inches thick for both 1/2 diameter and 3/8 diameter anchors.
7. Tested to ASTM E488.