

	MAR-MAC Industries, Inc. 229 Mar Mac Wire Rd. McBee, SC 29101 843-335-5000	Title: Anchor Bolt Specification	
		MQS Doc No. 5517	Prev. Doc. No. S7SP022
		Product Grouping: Construction Products	
		Origin Date: 11/14/12	Revision Date: 2/17/17
		Responsible Person:	Tracy Gooding

Anchor Bolt Specification

Standard Requirements: MAR-MAC Industries, Inc. supplies both Plain Steel and Hot Dip galvanized anchor bolts. The anchor bolts supplied by MAR-MAC Industries, Inc. conform to the ASTM A307 standard, Grade A for general applications.

Chemical and Coating Requirements: The chemical composition will comply with the requirements outlined in ASTM A307. The coating weight of the hot dipped galvanized anchor bolts will comply with ASTM A153 Class C.

Physical Requirements: Anchor bolts supplied by MAR-MAC Industries, Inc. will meet the following requirements:

Thread Tolerance: Coarse thread series as specified in ASME B 1.1, Class 2A.

Tensile: 60,000psi minimum. Tensile compliance is determined by the break load limits set forth in Table 3 of the ASTM A307 standard for testing full-size anchor bolts.

Anchor Bolt Length Tolerances and Approximate Weights:

MMW Galvanized Part Number	MMW Plain Steel Part Number	Size	Length (in)	Length Tolerance (in)		Hook Length (in)	Piece Weight (lbs) *	Boxed Weight (lbs) *
				Min.	Max.			
CBABGLV1/2_6BX	CBABBRB1/2_6BX	1/2"	6	5.527	6.027	1.25	0.3689	18.67
CBABGLV1/2_8BX	CBABBRB1/2_8BX	1/2"	8	7.527	8.027	1.25	0.4575	23.14
CBABGLV1/2_10BX	CBABBRB1/2_10BX	1/2"	10	9.527	10.027	1.25	0.5461	27.60
CBABGLV1/2_12BX	CBABBRB1/2_12BX	1/2"	12	11.527	12.027	1.25	0.6348	32.02
CBABGLV1/2_14BX	CBABBRB1/2_14BX	1/2"	14	13.527	14.027	1.25	0.7234	36.49
CBABGLV1/2_16BX	CBABBRB1/2_16BX	1/2"	16	15.527	16.027	1.25	0.8120	40.96
CBABGLV1/2_18BX	CBABBRB1/2_18BX	1/2"	18	17.527	18.027	1.25	0.9006	45.39
CBABGLV3/4_8BX	CBABBRB3/4_8BX	3/4"	8	7.411	7.911	2.00	1.1674	58.76
CBABGLV3/4_10BX	CBABBRB3/4_10BX	3/4"	10	9.411	9.911	2.00	1.3731	69.09
CBABGLV3/4_12BX	CBABBRB3/4_12BX	3/4"	12	11.411	11.911	2.00	1.5788	79.46
CBABGLV5/8_6BX	CBABBRB5/8_6BX	5/8"	6	5.47	5.97	1.50	0.6152	31.04
CBABGLV5/8_8BX	CBABBRB5/8_8BX	5/8"	8	7.47	7.97	1.50	0.7556	38.11
CBABGLV5/8_10BX	CBABBRB5/8_10BX	5/8"	10	9.47	9.97	1.50	0.8961	45.20
CBABGLV5/8_12BX	CBABBRB5/8_12BX	5/8"	12	11.47	11.97	1.50	1.0365	52.26
CBABGLV5/8_14BX	CBABBRB5/8_14BX	5/8"	14	13.47	13.97	1.50	1.1770	59.30
CBABGLV5/8_16BX	CBABBRB5/8_16BX	5/8"	16	15.47	15.97	1.50	1.3175	66.35
CBABGLV5/8_18BX	CBABBRB5/8_18BX	5/8"	18	17.47	17.97	1.50	1.4579	73.45

* Weights are inclusive of washers and nuts.

Length measured as illustrated:



Packaging Requirements: Anchor bolts are supplied in boxes in 50 and 25 count quantities.

Any additional questions in regard to MAR-MAC Industries, Inc. Anchor Bolt product specifications can be directed to:

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