	<b>MAR-MAC Industries, Inc.</b> 229 Mar Mac Wire Rd. McBee, SC 29101 843-335-5000	<b>Title:</b> Washer Top Sod Pin Certification – 12”, 18”, 24”	
		<b>MQS Doc No.</b> 5550	<b>Prev. No.</b> S7SP096
		<b>Product Grouping:</b> Sod Pins – Fabric Pins	
		<b>Origin Date:</b> 9/11/15	<b>Rev. Date:</b> 4/19/2023
		<b>Responsible Person:</b>	Tracy Gooding



**Contractor Brand Washer Top Sod Pin Certification – 12” to 24”**

**Standard Requirements:**

Mar-Mac Industries, Inc. Contractor Brand washer top sod pins are used to secure or stabilize geo-textile installations such as sod or erosion barriers. The product is also often referred to as a fabric pin. Mar-Mac Industries, Inc. supplies the Contractor Brand washer top sod pins in three lengths – 12”, 18”, and 24”.

**Chemical Requirements:**

Contractor Brand washer top sod pins are produced using a C1006 to C1018 grade of carbon steel as specified in ASTM A510 and ASTM A1040. The wire used to produce the pins will comply with ASTM A853.

**Physical Requirements:**

Pin requirements:

The pins are produced from a 3/16” (.187”) wire size. The size tolerance for the wire is + or - .005”.

The pin length tolerance is + or - .125”.

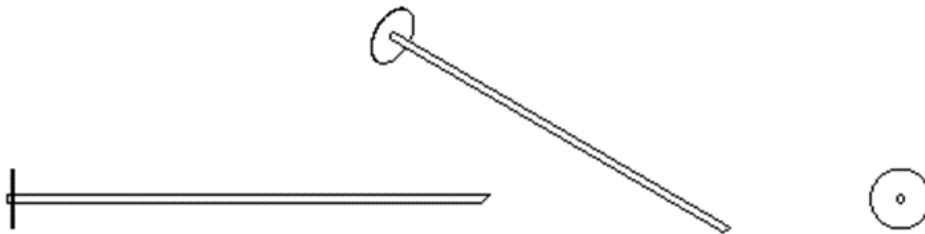
The pin straightness will be such that it does not deflect more than .250” over the length of the pin.

The end of the pin will be cut on an approximate 45 degree angle.

Washer requirements:

The washer diameter is 1.5”. The size tolerance for the washer diameter is + or - .005”.

The washer thickness is .030” with a thickness tolerance of + or - .005”



Any additional questions in regard to technical or specification information for Mar-Mac Industries, Inc. Contractor Brand Washer Top Sod Pins can be directed to:

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 Mar-Mac Industries, Inc.  
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