



**ARCONIC**

# Magna-Tite<sup>®</sup> The Fastener for Thin or Compressible Materials

Broad Blind Side Bulb  
Fast Installation  
Ideal for Repair Applications

3/16", 1/4"



**HUCK**<sup>®</sup>

# Huck Magna-Tite®

## All-Aluminum Fastener Ideal for Thin or Low-Strength Materials

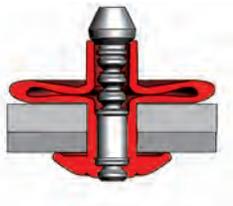
The Huck Magna-Tite® is a specialized aluminum structural rivet fastener well-suited for use within oversized holes and repair applications.

During installation, Magna-Tite clamps the joint with a broad blind-side bulb, making it ideal for installation in thin materials such as aluminum, fiberglass and plastic. Unlike other bulbing blind fasteners, the Magna-Tite has a unique embedded sealant applied between the pin and the sleeve. This sealant oozes into the joint during installation, completely filling any gap, and ensuring water resistance.

### Secure, Fast Installation



Large blind-side footprint for installation in thin or compressible materials where controlled strength is required.



Unique embedded sealant applied between the pin and sleeve

### Advanced Huck® Tooling

Huck offers a choice of hydraulic installation tools designed for the the Magna-Tite. Supporting these tools is Huck's Powerig® 940, a portable hydraulic power source for moderate production and repair applications.



Model 2015

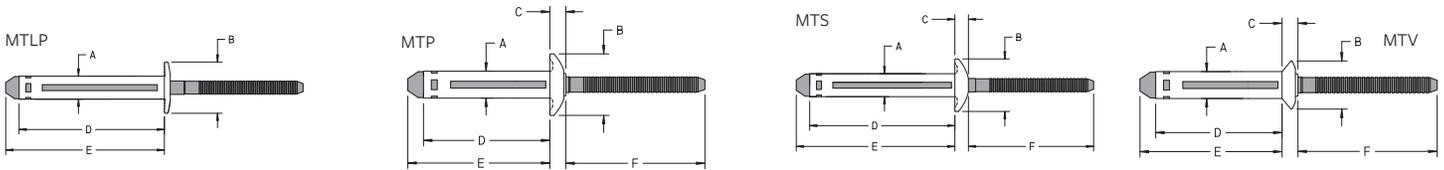
Model 2480

### Installation Tools – Weight and Dimensions

DIAMETER	MODEL	NOSE ASSEMBLY	INSERT	TYPE	WEIGHT	LENGTH	HEIGHT	WIDTH
3/16"	2015	INTEGRAL	125280 - PROTRUDING	PNEUDRAULIC	4.9 LBS	10.6"	12"	3.5"
			125154 - FLAT*					
	2480	99-3487-6MT	126969 - PROTRUDING*	PNEUDRAULIC	5.1 LBS	8.6"	12.5"	4.1"
			126970 - FLAT*	HYDRAULIC	2.2 LBS	8.6"	6.5"	1.9"
1/4"	2015	PNEUDRAULIC	125282 - PROTRUDING	PNEUDRAULIC	4.9 LBS	10.6"	12"	3.5"
			125155 - FLAT*					
	2480	99-3487-8MT	126971 - PROTRUDING*	PNEUDRAULIC	5.1 LBS	8.6"	12.5"	4.1"
			126972 - FLAT*	HYDRAULIC	2.2 LBS	8.6"	6.5"	1.9"

\*Insert Included with nose assembly

# Types



## Data and Dimensions

DIAMETER (No.)	PART No.	GRIP RANGE	HOLE SIZE	A NOM	B NOM	C NOM	D MAX	E MAX	F MIN
<b>PROTRUDING HEAD</b>									
3/16" (6)	MTP-B6-5S	.050 - .312	.205 - .221	.199	.453	.113	.890	1.020	.940
	MTP-B6-6S	.100 - .375	.205 - .221	.199	.453	.113	.940	1.070	.940
	MTP-B6-8S	.250 - .500	.205 - .221	.199	.453	.113	1.090	1.220	.940
	MTP-B6-10S	.375 - .625	.205 - .221	.199	.453	.113	1.215	1.345	.940
	MTP-B6-12S	.500 - .750	.205 - .221	.199	.453	.113	1.340	1.470	.940
1/4" (8)	MTP-B8-4S	.040 - .250	.250 - .263	.239	.530	.120	.825	.990	.950
	MTP-B8-6S	.125 - .375	.250 - .263	.239	.530	.120	.955	1.120	.950
	MTP-B8-7S	.160 - .410	.250 - .263	.239	.530	.120	.985	1.150	.950
	MTP-B8-8S	.250 - .500	.250 - .263	.239	.530	.120	1.075	1.240	.950
	MTP-B8-10S	.375 - .625	.250 - .263	.239	.530	.120	1.200	1.365	.950
MTP-B8-12S	.500 - .750	.250 - .263	.239	.530	.120	1.325	1.490	.950	
<b>SHAVED HEAD</b>									
3/16" (6)	MTS-B6-8S	.050 - .500	.205 - .221	.199	.453	.113	1.010	1.140	.940
	MTS-B6-12S	.050 - .750	.205 - .222	.199	.453	.113	1.260	1.390	.940
<b>LOW PROFILE (NON-STRUCTURAL)</b>									
3/16" (6)	MTLP-B6-4	.050 - .250	.205 - .221	.199	.442	.052	.840	.970	.940
	MTLP-B6-8	.187 - .500	.205 - .221	.199	.442	.052	1.090	1.220	.940
	MTLP-B6-12	.375 - .750	.205 - .221	.199	.442	.052	1.260	1.390	.940
	MTLP-B6-12X	.050 - .750	.205 - .221	.199	.442	.052	1.260	1.390	.940
<b>100° COUNTERSUNK OVAL HEAD</b>									
3/16" (6)	MTV-B6-5S	.070 - .312	.205 - .221	.199	.355	.113	.910	1.040	.940
	MTV-B6-7S	.160 - .410	.205 - .221	.199	.355	.113	1.010	1.140	.940
	MTV-B6-8S	.250 - .500	.205 - .221	.199	.355	.113	1.090	1.220	.940
	MTV-B6-10S	.375 - .625	.205 - .221	.199	.355	.113	1.215	1.345	.940
	MTV-B6-12S	.500 - .750	.205 - .221	.199	.355	.113	1.340	1.470	.940

## Installed Values in Nominal Grip (lbs.)

DIAMETER		HEAD STYLES							
		PROTRUDING		SHAVEABLE		LOW PROFILE		OVAL	
		MIN.	TYP.	MIN.	TYP.	MIN.	TYP.	MIN.	TYP.
3/16"	SHEAR	550	630	550	630	300*	350	550	630
	TENSILE	390	450	390	450	390	450	390	450
	PIN RETENTION	70	100	70	100	70	100	70	100
1/4"	SHEAR	950	1100						
	TENSILE	575	650						
	PIN RETENTION	70	100						

\*550 lbs. minimum in minimum grip only

# Arconic Fastening Systems



Arconic Inc. (NYSE: ARNC) creates breakthrough products that shape industries, providing solutions to complex engineering challenges to transform the way we fly, drive, build, and power. Combining ingenuity and advanced manufacturing, we deliver products that meet the challenges and demands faced by our customers.

Arconic Fastening Systems, formerly Alcoa Fastening Systems & Rings, is a global leader in fastening technology. Offering the greatest breadth and depth of fastening system solutions in the industry, Arconic continues to reflect the same commitment to product quality and support that customers have come to expect. To serve its growing market, Arconic Fastening Systems maintains corporate offices worldwide. In addition, Arconic distributors are located in many key industrial centers throughout the world, providing a ready supply of fasteners, installation tools, tool parts, and application assistance.

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