



ARCONIC

Magna-Tite® The Fastener for Thin or Compressible Materials

Broad Blind Side Bulb
Fast Installation
Ideal for Repair Applications

3/16", 1/4"



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HUCK®

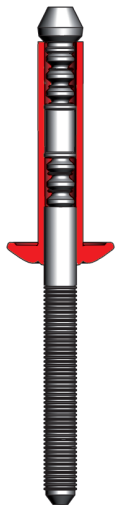
Huck Magna-Tite®

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

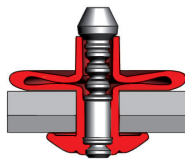
The Huck Magna-Tite® is a specialized aluminum structural rivet fastener well-suited for use within oversized holes and repair applications.

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.

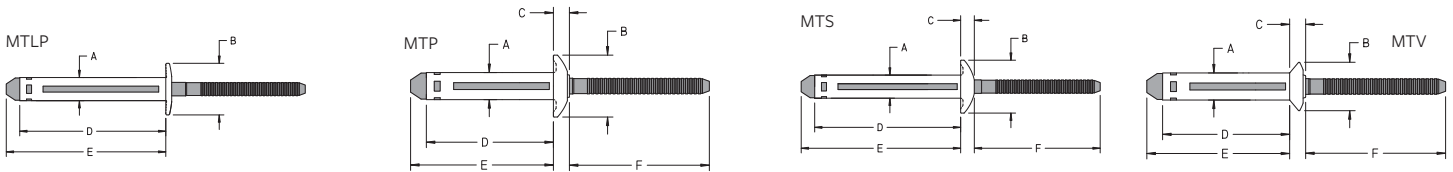


Installation Tools – Weight and Dimensions

DIAMETER	MODEL	NOSE ASSEMBLY	INSERT	TYPE	WEIGHT	LENGTH	HEIGHT	WIDTH
3/16"	BV4500-118	99-3487-6MT	126969-PROTRUDING, 126970-FLAT*	BATTERY	5 LBS	14.25"	10.63"	3.75"
	2022	99-3487-6MT		PNEUDRAULIC	5.4 LBS	8.6"	12.6"	4.4"
	2024	99-3487-6MT		PNEUDRAULIC	5.75 LBS	8.9"	12.6"	4.4"
	202	99-3487-6MT		PNEUDRAULIC	5.1 LBS	8.6"	12.5"	4.1"
	2480			HYDRAULIC	2.2 LBS	8.6"	6.5"	1.9"
1/4"	BV4500-118	99-3487-8MT	126971-PROTRUDING, 126972-FLAT*	BATTERY	5 LBS	14.25"	10.63"	3.75"
	2022	99-3487-8MT		PNEUDRAULIC	5.4 LBS	8.6"	12.6"	4.4"
	2024	99-3487-8MT		PNEUDRAULIC	5.75 LBS	8.9"	12.6"	4.4"
	202	99-3487-8MT		PNEUDRAULIC	5.1 LBS	8.6"	12.5"	4.1"
	2480			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
PROTRUDING HEAD									
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
SHAVED HEAD									
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
LOW PROFILE (NON-STRUCTURAL)									
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
100° COUNTERSUNK OVAL HEAD									
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

Arconic Fastening Systems

Arconic Inc. (NYSE: ARNC) creates breakthrough products that shape industries. Working in close partnership with our customers, we solve complex engineering challenges to transform the way we fly, drive, build and power. Through the ingenuity of our people and cutting-edge advanced manufacturing, we deliver these products at a quality and efficiency that ensures customer success and shareholder value.



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