

Klik-Nut[®] Threaded Inserts

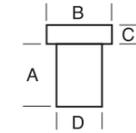


**Introducing More of a Good Thing.
More Sizes. More Finishes. More Alcoa Quality.**

The line of Marson-brand Klik-Nut Threaded Inserts has been extended. That means a wider range of types, sizes, and finishes, for a spectrum of applications. This broad new selection includes ribbed, hex body, neoprene/brass, and knurled threaded inserts. All engineered for reliability and strength. All manufactured with the superior features and benefits you've come to expect from Alcoa Fastening Systems.



MRN Series Flathead Rivet-Nut



Cross section view

Available in Steel-Zinc Plated or Aluminum Class 2B Threads

MRN Series Flathead Rivet-Nut

MRN Series Rivet-Nuts can be used in a wide range of applications and are designed to provide a very efficient and cost-effective method of placing permanent threads in thin materials. Installed from one side, MRN Nuts are perfect for use in metal, fiberglass and rigid plastic previously too thin for tapped threads. They provide a neat appearance and once in place, the internal threads are ready for a screw or bolt.

Lightweight tooling assures easy installation by the operator and reduces costs when compared with other methods. After installation, MRN Series Rivet-Nuts provide permanent, captive threads that do not allow loosening under vibration and will not rotate when attached to the mating material.

MRN Series Rivet-Nuts with large diameter heads can be used in soft materials which inherently offer little, if any, thread strength.

The flathead design provides the most bearing surface for higher torque applications. The larger flange extends above the material in which it is installed and provides a built-in spacer.

MRN Series Flathead Rivet-Nut Specifications (in inches)

Thread Size	Steel Bulk Part#	Aluminum Bulk Part #1	A Body Length $\pm .015"$	B Head Dia. Ref. $\pm .015$	C Head Height (Nom)	D Body Dia. Max $\pm .000-.004$	Grip Range		Hole Size		Drill Size
							Min	Max	Min	Max	
6-32	57110	57210	.438	.325	.032	.189	.010	.075	.189	.193	# 12
8-32	57120	57220	.438	.357	.032	.221	.010	.075	.221	.226	# 2
8-32	57121	57221	.500	.357	.032	.221	.075	.120	.221	.226	# 2
10-24	57130	57230	.531	.406	.038	.250	.010	.080	.250	.254	1/4"
10-24	57132	57232	.594	.406	.038	.250	.080	.130	.250	.254	1/4"
10-32	57140	57240	.531	.406	.038	.250	.010	.080	.250	.254	1/4"
10-32	57142	57242	.594	.406	.038	.250	.080	.130	.250	.254	1/4"
1/4-20	57150	57250	.625	.475	.058	.332	.020	.080	.332	.338	Q
1/4-20	57152	57252	.687	.475	.058	.332	.080	.140	.332	.338	Q
1/4-20	57154	57254	.750	.475	.058	.332	.140	.200	.332	.338	Q
5/16-18	57171	57271	.750	.665	.062	.413	.030	.125	.413	.423	Z
5/16-18	57174	57274	.875	.665	.062	.413	.125	.200	.413	.423	Z
3/8-16	57181	57281	.844	.781	.088	.490	.030	.115	.490	.500	1/2"
3/8-16	57184	57284	.938	.781	.088	.490	.115	.200	.490	.500	1/2"

4 Easy Steps for Installation

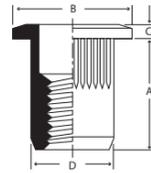
- 1 Drill hole to correct diameter, thread fastener onto tool mandrel and insert into hole.
- 2 Actuate tool to properly set fastener into material.
- 3 Complete your fastening operation with a bolt or screw with the proper thread.
- 4 The positive riveting action of both Klik Rivet-Nuts and Klik Poly-Nuts provide consistent firm fastening. Push-out and shake-loose are virtually eliminated.

As shown above, Klik-Nuts can be used to fasten multiple sheets as well as single sheets

ML Series Ribbed Threaded Inserts

Available in Steel-Zinc Plated or Aluminum Class 2B Threads

ML Series Ribbed Klik-Nuts provide an efficient and cost-effective method of placing permanent threads in thin materials. Installed from one side, these inserts are perfect for use in metal, fiberglass, and rigid plastic too thin for tapped threads. Lightweight manual and pneumatic tooling assures easy installation. Once in place, the insert's internal threads are ready for a screw or bolt. Additional features include: increased torque strength over conventional style, 60° ribbed expansion after setting, vibration resistance, and a large flanged head which increases push out strength.



ML Series Sealed Head Threaded Specifications (in inches)

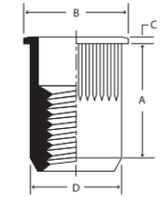
Thread Size	Steel Bulk Part#	Aluminum Bulk Part#	A Body Length +/- .015	B Head Dia. +/- .010	C Head Height +/- .003	D Body Dia	Grip Range		Hole Size + .006 - .000
							Min	Max	
6-32	57310	57610	0.42	0.39	0.03	0.265	.020	.080	17/64
6-32	57312	57612	0.47	0.39	0.03	0.265	.080	.130	17/64
8-32	57320	57620	0.42	0.39	0.03	0.265	.020	.080	17/64
8-32	57321	57621	0.47	0.39	0.03	0.265	.080	.130	17/64
10-24	57330	57630	0.475	0.415	0.03	0.296	.020	.130	19/64
10-24	57332	57632	0.585	0.415	0.03	0.296	.130	.225	19/64
10-32	57340	57640	0.475	0.415	0.03	0.296	.020	.130	19/64
10-32	57342	57642	0.585	0.415	0.03	0.296	.130	.225	19/64
1/4-20	57350	57650	0.58	0.5	0.03	0.39	.027	.165	25/64
1/4-20	57354	57654	0.68	0.5	0.03	0.39	.165	.260	25/64
1/4-28	57358	57658	0.58	0.5	0.03	0.39	.027	.165	25/64
1/4-28	57359	57659	0.68	0.5	0.03	0.39	.165	.260	25/64
5/16-18	57371	57671	0.69	0.685	0.035	0.53	.027	.150	17/32
5/16-18	57374	57674	0.805	0.685	0.035	0.53	.150	.312	17/32
5/16-24	57378	57678	0.69	0.685	0.035	0.53	.027	.150	17/32
5/16-24	57379	57679	0.805	0.685	0.035	0.53	.150	.312	17/32
3/8-16	57381	57681	0.69	0.865	0.035	0.53	.027	.150	11/16
3/8-16	57382	57682	0.805	0.865	0.035	0.53	.150	.312	11/16
3/8-24	57395	57695	0.69	0.685	0.035	0.53	.027	.150	11/16
3/8-24	57396	57696	0.805	0.685	0.035	0.53	.150	.312	11/16
M4x.07	57360	57660	10.67	9.91	0.76	6.73	0.5	2.0	6.75
M4x.07	57365	57665	11.94	9.91	0.76	6.73	2.0	3.3	6.75
M5x0.8	57385	57684	12.07	10.54	0.76	7.52	0.5	3.3	7.6
M5x0.8	57384	57685	14.86	10.54	0.76	7.52	3.3	5.7	7.6
M6x1.0	57386	57686	14.73	12.7	0.76	9.91	0.7	4.2	10
M6x1.0	57387	57687	17.27	12.7	0.76	9.91	4.2	6.6	10
M8x1.25	57388	57688	17.53	17.4	0.89	13.46	0.7	3.8	13.5
M8x1.25	57389	57689	20.45	17.4	0.89	13.46	3.8	7.9	13.5
M10x1.5	57390	57690	17.53	17.4	0.89	13.46	0.7	3.8	13.5
M10x1.5	57391	57691	20.45	17.4	0.89	13.46	3.8	7.9	13.5

All gray-shaded items are special order; minimums may apply.
Klik-Nut dimensions in green indicate millimeters (mm)

MK Series Ribbed Threaded Inserts

Available in Steel-Zinc Plated or Aluminum Class 2B Threads

Designed for use with Grade 5 or Metric Class 8.8/9.8 mating screws, MK Series Threaded Inserts allow for virtually flush installation. This is due to the knurled body design and reduced profile head. In addition, with the MK Series, countersink drilling or dimpling of the parent material is practically eliminated. Installation is easy using our manual or pneumatic tooling.



Other MK design benefits include superior thread strength, outstanding corrosion resistance, and prevention of thread dilation due to the increased cross-sectional thickness of the thread area.

MK Series Ribbed Threaded Specifications (in inches)

Thread Size	Steel Bulk Part#	Aluminum Bulk Part#	A Body Length +/- .015	B Head Dia. +/- .010	C Head Height +/- .003	D Body Dia	Grip Range		Hole Size + .006 - .000
							Min	Max	
6-32	56810	56910	0.42	0.31	0.019	0.265	.020	.080	17/64
6-32	56812	56912	0.47	0.31	0.019	0.265	.080	.130	17/65
8-32	56820	56920	0.42	0.31	0.019	0.265	.020	.080	17/66
8-32	56821	56921	0.47	0.31	0.019	0.265	.080	.130	17/67
10-24	56830	56930	0.475	0.34	0.019	0.296	.020	.130	19/64
10-24	56832	56932	0.585	0.34	0.019	0.296	.130	.225	19/64
10-32	56840	56940	0.475	0.34	0.019	0.296	.020	.130	19/64
10-32	56842	56942	0.585	0.34	0.019	0.296	.130	.225	19/64
1/4-20	56850	56950	0.58	0.455	0.022	0.39	.027	.165	25/64
1/4-20	56854	56954	0.68	0.455	0.022	0.39	.165	.260	25/65
1/4-28	56858	56958	0.58	0.455	0.022	0.39	.027	.165	25/64
1/4-28	56859	56959	0.68	0.455	0.022	0.39	.165	.260	25/65
5/16-18	56871	56971	0.69	0.595	0.022	0.53	.027	.150	17/32
5/16-18	56874	56974	0.805	0.595	0.022	0.53	.150	.312	17/33
5/16-24	56878	56978	0.69	0.595	0.022	0.53	.027	.150	17/32
5/16-24	56879	56979	0.805	0.595	0.022	0.53	.150	.312	17/33
3/8-16	56881	56981	0.69	0.595	0.022	0.53	.027	.150	17/32
3/8-16	56882	56982	0.805	0.595	0.022	0.53	.150	.312	17/32
3/8-24	56895	56995	0.69	0.595	0.022	0.53	.027	.150	17/32
3/8-24	56896	56996	0.805	0.595	0.022	0.53	.150	.312	17/32
M4x.07	56860	56960	10.67	7.87	0.48	6.73	0.5	2.0	6.75
M4x.07	56865	56965	11.94	7.87	0.48	6.73	2.0	3.3	6.75
M5x0.8	56884	56984	12.07	8.64	0.48	7.52	0.5	3.3	7.6
M5x0.8	56885	56985	14.86	8.64	0.48	7.52	3.3	5.7	7.6
M6x1.0	56886	56986	14.73	11.56	0.55	9.91	0.7	4.2	10.00
M6x1.0	56887	56987	17.27	11.56	0.55	9.91	4.2	6.6	10.00
M8x1.25	56888	56988	17.53	15.11	0.55	13.46	0.7	3.8	13.50
M8x1.25	56889	56989	20.45	15.11	0.55	13.46	3.8	7.9	13.50
M10x1.5	56890	56990	17.53	15.11	0.55	13.46	0.7	3.8	13.50
M10x1.5	56891	56991	20.45	15.11	0.55	13.46	3.8	7.9	13.50

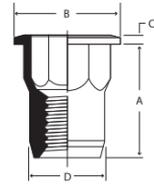
All gray-shaded items are special order; minimums may apply.
Klik-Nut dimensions in green indicate millimeters (mm)

MH Series Hex Body Threaded Inserts

Klik® Poly-Nut

Available in Steel-Zinc Plated Class 2B Threads

The radius corner hex body design allows the MH Series Hex Body Threaded Insert to expand and fill the entire hole, thus providing exceptional torque strength and superior vibration resistance. Designed to be used with Grade 5 or Metric Class 8.8/8.9 mating screws, the MH Series offers unparalleled thread strength, prevention of thread dilation, and quality installations even in variable material thicknesses. Compatible Marson manual and pneumatic installation tools ensure secure installation without adjustment.



MH Series Hex Body Threaded Specifications (in inches)

Thread Size	Bulk Part#	A Body Length +-.015	B Head Dia. +-.010 +-.025	C Head Height (Nom) +-.003	D Body Dia Max	Grip Range		Hole Size (ACROSS FLATS) +.004 -.000
						Min	Max	
6-32	52610	0.385	0.375	0.027	0.249	.020	.080	0.250
6-32	52612	0.435	0.375	0.027	0.249	.080	.130	0.250
8-32	52620	0.385	0.375	0.027	0.249	.020	.080	0.250
8-32	52621	0.435	0.375	0.027	0.249	.080	.130	0.250
10-24	52630	0.435	0.390	0.027	0.280	.020	.130	0.281
10-24	52632	0.535	0.390	0.027	0.280	.130	.225	0.281
10-32	52640	0.435	0.390	0.027	0.280	.020	.130	0.281
10-32	52642	0.535	0.390	0.027	0.280	.130	.225	0.281
1/4-20	52650	0.585	0.510	0.030	0.374	.027	.165	0.375
1/4-20	52654	0.685	0.510	0.030	0.374	.165	.260	0.375
5/16-18	52671	0.685	0.655	0.035	0.499	.027	.150	0.5
5/16-18	52674	0.845	0.655	0.035	0.499	.150	.312	0.5
3/8-16	52681	0.685	0.655	0.035	0.499	.027	.150	0.5
3/8-16	52684	0.845	0.655	0.035	0.499	.150	.312	0.5
M4x0.7	52660	9.78	9.53	0.68	6.35	.5	2.0	6.35
M4x0.7	52665	11.05	9.53	0.68	6.35	2.0	3.3	6.35
M5x0.8	52684	11.05	9.91	0.68	7.1	.5	3.3	7.14
M5x0.8	52685	13.59	9.91	0.68	7.1	3.3	5.7	7.14
M6x1.0	52686	14.86	12.96	0.76	9.5	.7	4.2	9.53
M6x1.0	52687	17.40	12.96	0.76	9.5	4.2	6.6	9.53
M8x1.25	52688	17.40	16.64	0.89	12.7	.7	3.8	12.7
M8x1.25	52689	21.46	16.64	0.89	12.7	3.8	7.9	12.7
M10x1.5	52690	17.4	16.64	0.89	12.7	.7	3.8	12.7
M10x1.5	52691	21.46	16.64	0.89	12.7	3.8	7.9	12.7

Klik-Nut dimensions in green indicate millimeters (mm)



Klik Poly-Nut (Expander)

Klik Poly-Nuts can be used in a wide range of applications and are designed to provide a very efficient and cost-effective method of placing permanent threads in thin materials. Installed from one side, Klik Poly-Nuts are perfect for use in metal, fiberglass and rigid plastic previously too thin for tapped threads. Klik Poly-Nuts provide a nearly flush appearance and once in place, the internal threads are ready for a screw or bolt.

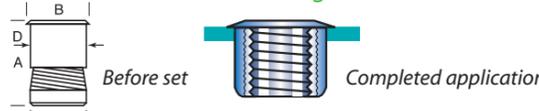
Lightweight tooling assures easy installation by the operator and reduces costs when compared with other methods. After installation, Klik Poly-Nuts provide permanent, captive threads that do not allow loosening under vibration and will not rotate when attached to the mating material.

Klik Poly-Nut (Expander) Specifications (in inches)

Thread Size	Steel Bulk Part#	Aluminum Bulk Part #	A Body Length +-.015"	B Head Dia. Ref. +-.015	D Body Dia. +-.005	Grip Range		Hole Size*		Drill Size
						Min	Max	Min	Max	
6-32	57415	57510	.410	.287	.249	.020	.080	.250	.254	1/4"
8-32	57425	57520	.410	.287	.249	.020	.080	.250	.254	1/4"
10-24	57435	57530	.465	.320	.280	.020	.130	.281	.285	9/32"
10-32	57445	57540	.465	.320	.280	.020	.130	.281	.285	9/32"
1/4-20	57455	57550	.610	.415	.374	.030	.165	.375	.379	3/8"
5/16-18	57475	57575	.720	.540	.499	.030	.165	.500	.504	1/2"
3/8-16	57485	57585	.720	.540	.499	.030	.165	.500	.504	1/2"
4 mm	57407		.410	.287	.249	.020	.080	.250	.254	1/4"
5 mm	57409		.465	.320	.280	.020	.130	.281	.285	9/32"
6 mm	57411		.610	.415	.374	.030	.165	.375	.379	3/8"
8 mm	57413		.720	.540	.499	.030	.165	.500	.504	1/2"
10 mm	57414		.720	.540	.499	.030	.165	.500	.504	1/2"

Klik-Nut dimensions in green indicate millimeters (mm)

*Note: Hole size is critical for proper installation



Thread-Serts

Klik Thread-Serts are a versatile threaded fastener that can be used in a variety of applications. Use Klik Thread-Serts in any thickness of metal or rigid material of at least 3/32" (.0937). Eliminate the need for tapping, welding and brazing. Klik Thread-Serts' design consists of an upper sleeve and a base which has both internal and external threads. During installation the base is drawn upwards inside the upper sleeve forcing a 360° contact between the sleeve and application material. No special preparation is needed; a drilled or punched hole is all that is required. Because of its unique setting ability, Klik Thread-Serts can be used in almost any thickness of material. Installation is made easy with a variety of tools and kits.

Thread-Sert Specifications (in inches)

Thread Size	Steel Bulk Part #	Aluminum Bulk Part #	A* Body Length +-.005"	B Head Dia. +-.005	D* Body Dia. + -.002"	Material Thickness .0937-.1562		Material Thickness .1562-Infinity	
						Hole Size	Drill Size	Hole Size	Drill Size
6-32	57810	57910	.375	.250	.215	0.221	#2	0.234	A
8-32	57820	57920	.375	.282	.246	0.250	1/4"	0.261	G
10-24	57830	57930	.375	.314	.277	0.281	9/32"	0.290	L
10-32	57840	57940	.375	.314	.277	0.281	9/32"	0.290	L
1/4-20	57850	57950	.510	.408	.372	0.391	25/64"	0.391	25/64"
5/16-18	57871	57971	.615	.537	.496	0.500	1/2"	0.516	33/64"
3/8-16	57881	57981	.740	.600	.559	0.562	9/16"	0.578	37/64"

*A and D dimensions are prior to setting

MWN Series Neoprene Inserts

Available in Steel-Zinc Plated Class 2B Threads

This flanged neoprene bushing features a brass machine nut molded into one end of the insert. When a conventional machine screw is tightened in the brass nut, the insert expands, providing an ultra-secure fastening joint. The MWN Series Insert is installed in one easy step, with applications including everything from heating fan motors and radiator mountings to door hinges. Features include blind hole fastening, moisture protection, vibration and shock dampening, and easy installation with conventional tools.



MWN Series Neoprene Specifications (in inches)

Thread Size	Bulk Part #	A Body Length	B Head Dia.	C Head Height	D Body Dia Max	Grip Range		Hole Size
						Min	Max	
#6-32	52710	.496	.433	.055	.311	.015	.157	.311-.323
#8-32	52720	.496	.433	.055	.311	.015	.157	.311-.323
#10-32	52730	.555	.500	.035	.378	.015	.193	.378-.386
#10-32	52731	.669	.551	.039	.378	.033	.232	.378-.386
#10-32	52732	.709	.748	.079	.378	.031	.228	.378-.386
#10-32	52733	.825	.746	.185	.378	.031	.228	.378-.386
#10-32	52734	1.03	.551	.051	.378	.311	.630	.378-.386
#10-32	52735	.846	.551	.035	.378	.311	.449	.378-.386
#10-32	52736	1.57	.551	.035	.378	.807	1.18	.378-.386
1/4-20	52750	.630	.630	.051	.500	.015	.110	.500-.508
1/4-20	52751	.831	.750	.187	.500	.031	.185	.500-.508
1/4-20	52752	1.05	.642	.079	.500	.252	.453	.500-.508
1/4-20	52753	1.38	.630	.051	.512	.453	.906	.512-.520
5/16-18	52771	.720	.847	.126	.626	.015	.157	.626-.634
5/16-18	52772	1.10	.847	.225	.626	.156	.374	.626-.634
5/16-18	52773	1.97	.787	.063	.709	.079	.709	.709-.717
3/8-16	52781	2.17	.886	.051	.625	.748	1.57	.787-.795
1/2-13	52791	3.07	1.06	.051	.625	1.417	1.575	.787-.795
M3-0.5	52810	12.6	11.0	1.40	7.9	.040	4.00	7.90-8.20
M4-0.7	52820	12.6	11.0	1.4	7.9	0.40	4.00	7.90-8.20
M5-0.8	52830	14.1	12.7	.9	9.6	0.40	4.90	9.60-9.80
M5-0.8	52831	17.0	14.0	1.0	9.6	0.85	5.90	9.60-9.80
M5-0.8	52832	18.0	19.0	2.0	9.6	0.80	5.80	9.60-9.80
M5-0.8	52833	20.95	18.95	4.7	9.6	0.80	5.80	9.60-9.80
M5-0.8	52834	26.1	14.0	1.3	9.6	7.90	16.00	9.60-9.80
M5-0.8	52835	21.5	14.0	.9	9.6	7.90	11.40	9.60-9.80
M5-0.8	52836	39.8	14.0	1.3	9.6	20.50	30.00	9.60-9.80
M6-1.0	52850	16.0	16.0	1.3	12.7	0.40	2.80	12.7-12.9
M6-1.0	52851	21.1	19.05	4.75	12.7	0.80	4.70	12.7-12.9
M6-1.0	52852	26.7	16.3	2.0	12.7	6.40	11.50	12.7-12.9
M6-1.0	52853	35.0	16.0	1.3	13.0	11.50	23.00	13.0-13.20
M8-1.25	52871	18.3	21.5	3.2	15.9	0.40	4.00	15.9-16.1
M8-1.25	52872	27.93	21.5	5.72	15.9	3.95	9.50	15.9-16.1
M8-1.25	52873	50.0	20.0	1.6	18.0	2.00	18.00	18.0-18.2
M10-1.5	52881	55.0	22.5	1.3	15.9	19.00	40.00	20.0-20.2
M12-1.75	52891	78.0	27.0	1.3	15.9	36.00	64.00	24.0-24.2

All gray-shaded items are special order; minimums may apply.

Klik-Nut dimensions in green indicate millimeters (mm)

MJN Series Quad Leg Threaded Inserts

Available in Steel-Zinc Plated Class 2B Threads

Designed for cost efficient use, the MJN Series Quad Leg Threaded inserts from Marson are ideal for assembly-line applications where thin, soft, or brittle materials are utilized. When tightened, the body collapses to form legs which grip the inside of the mounting surface. The result is a permanent, reusable threaded insert.

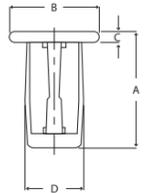
The MJN Series fastens solidly in blind holes, won't distort or deform soft plastics or thin sheet metals, and is fast, inexpensive, and easy to use. Applications range from toys and license plate brackets to truck utility compartments. Installation is easy using Marson manual or pneumatic tooling.

MJN Series Quad Leg Threaded Inserts Specifications (in inches)

Thread Size	Bulk Part #	Grip Range	Overall Length	Head Dia Ref	Head Height (Nom)	Body Dia Max.	Hole Size
#6-32	52511	.197-.394	.866	.472	.063	.315	.318-.330
#10-24	52530	0-.197	.709	.547	.063	.394	.382-.400
#10-24	52532	.197-.394	.906	.547	.063	.394	.382-.400
1/4-20	52550	0-.197	.709	.630	.063	.472	.438-.450
1/4-20	52554	.197-.394	.906	.630	.063	.472	.438-.450
M4x0.7	52560	0-5	17	12	1.6	8	8.08-8.38
M4x0.7	52565	5-10	22	12	1.6	8	8.08-8.38
M5x0.8	52584	0-5	18	13.9	1.6	10	9.70-10.16
M5x0.8	52585	5-10	23	13.9	1.6	10	9.70-10.16
M6x1.0	52586	0-5	18	16	1.6	12	11.13-11.43
M6x1.0	52587	5-10	23	16	1.6	12	11.13-11.43

All gray-shaded items are special order; minimums may apply.

Klik-Nut dimensions in green indicate millimeters (mm)



Threaded Insert Tools

Thread-Setter™ Tool/39200

This quality threaded insert installation tool features patented bearing design, comfortable hand grips and a locking chain. The 39200 installs all sizes of Klik Poly-Nuts and Klik Rivet-Nuts up to 1/4-20 and 6mm threads in steel. The forged, heat treated steel upper handle, precision die-cast body of high strength aluminum alloy, patented fulcrum pin design and comfortable hand grips all combine to make the 39200 a rugged, durable tool. The tool is packaged in a reusable, heavy-duty vinyl pouch containing mandrels and nosepieces to set 8-32, 10-24 and 10-32 inserts. Weight: 1.2 lbs.



Mandrel/Nosepiece Chart

For tool & kit Nos. 39200, 34501, 39202, 39203, 39213 and 39214

Thread Size	Mandrel No.	Nosepiece No.	Kit No.
6-32	39254	39261	39280
8-32	39255	39262	39281
10-24	39256	39263	39282
10-32	39257	39263	39283
1/4-20	39258	Not Needed	
5/16-18	39259	Not Needed	
3/8-16	39260	Not Needed	
4mm	39266	39274	39285
5mm	39267	39273	39286
6mm	39268	Not Needed	
8mm	39269	Not Needed	

Threaded Insert Tools



34604/325RN

Choose the 34604 for installing larger size threaded inserts. Model 34604 is a heavy-duty tool that will install 10-24 through 3/8"-16, and 5mm through 10mm threaded inserts in aluminum or steel. Quick-change mandrels, easily adjustable stroke. Supplied with 1/4"-20 mandrel and nosepiece only. Weight: 4.25 lbs.

Mandrel/Nosepiece Chart

For 39221

Thread Size	Mandrel No.	Nosepiece No.
4-40	88187	88199
6-32	88188	88200
8-32	88189	88201
10-24	88191	88202
10-32	88190	88202
1/4-20	88160	88161
1/4-28	88192	88161
5/16-18	88193	88203
5/16-24	88194	88203
3/8-16	88195	88204
3/8-24	88196	88204
1/2-13	88197	88205
1/2-20	88198	88205
3.5mm	88206	88212
4mm	88207	88213
5mm	88208	88214
6mm	88209	88215
8mm	88210	88216
10mm	88211	88217

For 39223

Thread Size	Mandrel No.	Nosepiece No.
6-32	88708	88701
8-32	88709	88702
10-24	88710	88703
10-32	88711	88703
1/4-20	88712	88704
4mm	88651	88646
5mm	88652	88647
6mm	88653	88648

Mandrel/Nosepiece Chart

For 34604

Thread Size	Mandrel No.	Nosepiece No.	Kit No.
10-24	95635	95645	34615
10-32	95636	95645	34616
1/4-20	95637	95647	34617
5/16-18	95638	95648	34618
3/8-16	95639	95649	34619
5mm	95630	95640	34625
6mm	95631	95641	34626
8mm	95632	95642	34627
10mm	95633	95643	34628



39221/150-SP

This spin-pull tool automatically threads the fastener onto the mandrel. Press the trigger and the fastener is installed. Reverse the trigger, and the mandrel spins out of the fastener. The 39221 features a totally adjustable stroke length to suit any grip range and a swivel air inlet for increased mobility. No complicated tear down is required to adjust the stroke or to change thread sizes...both adjustments are done outside of the tool. The 39221 handles rivet-nut sizes 4-40 through 1/2"-20 and 3.5mm through 10mm in aluminum or steel. 6-32 through 3/8"-16 mandrels and nosepieces are included. Weight: 6 lbs.

Tool also available with metric mandrels and nosepieces, part No. 39222.

39223/140-SP

Similar to the 39221/150-SP, this lower cost alternative handles threaded insert sizes from 6-32 through 1/4"-20 and 4mm through 6mm in aluminum or steel. 6-32 through 1/4"-20 mandrels and nosepieces are included. Weight: 4.9 lbs.



Threaded Insert Kits

Thread-Setter Kit/34501

Model 34501 Thread-Setter Kit contains the 39200 thread-setter tool in a molded plastic case; mandrels and nosepieces for 6-32, 8-32, 10-24 sizes, and a mandrel for 1/4"-20. The kit also includes 103 assorted Klik Rivet-Nuts and Klik Poly-Nuts, instructions and wrench, all contained in a compartmentalized carrying case. Weight: 2.75 lbs.



Poly-Nut Kit/39202

Model 39202 Poly-Nut Kit contains the 39200 thread-setter tool in a molded plastic case with 8-32, 10-32 and 1/4"-20 mandrels and nosepieces, wrench and instructions. The kit contains 52 assorted Klik Poly-Nuts: 12 each 57425, 57435, 57445; 16 each 57455. Weight: 3 lbs.



Metric Poly-Nut Kit/39203

Model 39203 Metric Poly-Nut Kit contains the 39200 thread-setter tool in a molded plastic case with 4mm, 5mm, 6mm and 8mm mandrels and nosepieces, wrench and instructions. The kit contains 75 assorted Klik Poly-Nuts: 25 each 57407, 57409; 15 each 57411; 10 each 57413. Weight: 3.25 lbs.



Ribbed Rivet-Nut Kit/39215

Model 39215 Ribbed Rivet-Nut kit contains the 39200 thread-setter tool in a molded plastic case; mandrels, nosepieces, wrench & instructions for setting 8-32, 10-24, 10-32 and 1/4"-20 inserts. Includes 50 assorted Ribbed style Rivet-Nuts. Weight: 2.75 lbs.



Metric Ribbed Rivet-Nut Kit/39216

Model 39216 Ribbed Rivet-Nut kit contains the 39200 thread-setter tool in a molded plastic case with 4mm, 5mm, 6mm and 8mm mandrels and nosepieces, wrench and instructions. The kit also includes 50 assorted Ribbed style Rivet-Nuts. Weight: 2.75 lbs.



Steel Klik Thread-Set Kit/39214

Model 39214 Thread-Set Kit contains the 39200 thread-setter tool in a plastic case with 6-32, 8-32, 10-24, 10-32, 1/4"-20, 5/16"-18 and 3/8"-16 mandrels and nosepieces, wrench and instructions. The kit contains 62 assorted Steel Klik Thread-sets: 10 each 57810, 57820, 57830, 57840, 57850; 6 each 57871, 57881. Weight: 3.25 lbs.



Aluminum Klik Thread-Set Kit/39213

Model 39213 Thread-Set Kit contains the 39200 thread-setter tool in a molded plastic case with 6-32, 8-32, 10-24, 10-32, 1/4"-20, 5/16"-18 and 3/8"-16 mandrels and nosepieces, wrench and instructions. The kit contains 62 assorted Aluminum Klik Thread-sets: 10 each 57910, 57920, 57930, 57940, 57950; 6 each 57971, 57981. Weight: 3 lbs.





Along with a comprehensive selection of threaded inserts and riveting tools, Alcoa Fastening Systems (AFS) offers the broadest line of Marson® brand industrial and automotive blind fasteners available. AFS regularly makes nationwide delivery of product within hours when necessary. In addition to unsurpassed product coverage and off-the-shelf

availability, AFS provides such custom services as painting, plating, anodizing, packaging, bar-coding, and labeling for Marson products. The company's Total Quality Management System and QS-9000 certification reflects an uncompromising emphasis on quality assurance and customer satisfaction.

Alcoa Fastening Systems Commercial Products: A Global Organization

Alcoa Fastening Systems maintains company offices in the United States and Canada, with offices in many other countries. Authorized AFS distributors are also located in

many of the world's industrial centers, where they provide a ready source of fasteners, installation tools, tool parts, and application assistance.

Americas

Headquarters

8001 Imperial Drive
Waco, TX 76712, USA
P.O. Box 8117
Waco, TX 76714-8117, USA
Tel: 800 388 4825
Fax: 800 798 4825

Indianapolis Distribution
5436 West 78th Street
Indianapolis, IN 46268, USA
Tel: 800 732 3470 ext 1
Fax: 800 573 2645

Kingston Operations
1 Corporate Drive
Kingston, NY 12401, USA
Tel: 800 278 4825
Fax: 845 334 7333

Latin America Sales
Avenida Parque Lira
79-402 Tacubaya
MEXICO C P 11850
Tel: 52 55 5515 1776
Fax: 52 55 5277 7564

Mississauga Distribution
6150 Kennedy Road, Unit 10
Mississauga, Ontario L5T-2J4
CANADA
Tel: 905 564 4825
Fax: 905 564 1963

Stoughton Operations
44 Campanelli Parkway
Stoughton, MA 02072, USA
Tel: 800 732 3470 ext 2
Fax: 800 644 2177

Waco Operations
8001 Imperial Drive
Waco, TX 76712, USA
P.O. Box 8117
Waco, TX 76714-8117, USA
Tel: 800 388 4825
Fax: 800 798 4825

Shanghai Sales
No.1277, Zhongshan Xi Road
Hailuo Building, Room 504
Shanghai, 200051, CHINA
Tel: 86-21-62700949
Fax: 86-21-62701964

Singapore Sales
Blk 194 Pandan Loop
#07-16 Pantech Industrial
Complex 128383, SINGAPORE
Tel: 65 67 78 92 33
Fax: 65 67 78 01 51

Telford Operations
Unit C, Stafford Park 7
Telford, Shropshire TF3, 3BQ
UNITED KINGDOM
Tel: 44 1952 290011
Fax: 44 1952 290459

International Locations

Melbourne Operations
20 Stamford Road
Oakleigh, Victoria, 3166
AUSTRALIA
Tel: 61 3 9567 3377
Fax: 61 3 9563 1980

Your Authorized Distributor

The Future of Fastening Technology, The Future of Assembly Technology, The Future of Tooling Technology, and Tools of Productivity are service marks of Alcoa Fastening System. AFS provides technical assistance regarding the use and application of both fasteners and tooling.

NOTICE: The information contained in this publication is only for general guidance with regard to properties of the products shown and/or the means for selecting such products, and is not intended to create any warranty, express, implied, or statutory; all warranties are contained only in AFS's written quotations, acknowledgements, and/or purchase orders. It is recommended that the user secure specific, up-to-date data and information regarding each application and/or use of such products.

IN106 12-06-5M

© 2006 Alcoa Fastening Systems

E-mail: AFS-Info@Alcoa.com • www.alcoafasteningssystem.com

Alcoa Fastening Systems



One Great ConnectionSM