

HARDWARE – BUMPERS • HARDWARE – GROMMETS

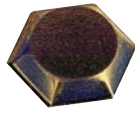
**BUMPON™ PROTECTIVE BUMPERS**



SJ-5017



SJ-5008



SJ-5077



SJ-67A4

Self-sticking, press-on polyurethane bumpers for fans, small appliances, furniture and glass shelves, telephones, computers, calculators, scales and speakers, cabinet doors, lids and drawers, chairs, walls, sliding doors and for stacking glass and metal sheets. Bonds with metal, wood, glass, steel, acrylic plastic, and aluminum. **Minimum order quantity equals one sheet.**

Mfg. Part No.	Description	Color	W x H (in.)	Stock No.	Min. Order Qty.	Price Each
SJ-5017 BLACK	Hemisphere	Black	0.75 x 0.38"	81H7851	25	0.20
SJ-5008 BLACK	Tapered Square	Black	0.50 x 0.12"	81H7844	80	0.06
SJ-5076 BLACK*	Cylindrical	Black	0.315 x 0.11"	88H1342	56	0.06
SJ-5077	Hexagon Width, Flat Top	Black	0.75 x 0.16"	46M3533	39	0.11
SJ-5302	Hemisphere	Transparent	0.312 x 0.085"	46M4238	96	0.11

**BUMPON™ PRINTED CIRCUIT BOARD SPACERS**

These pressure sensitive adhesive backed polyurethane molded shapes are designed for use as spacers (standoffs) that provide fixed height, insulation and board rigidity on printed circuit boards and chassis materials. Also, maintains system performance by reducing heat build-up and vibration.

Mfg. Part No.	Description	Color	W x H (in.)	Stock No.	Min. Order Qty.	Price Each
SJ-67A1	Cylindrical	Black	0.312 x 0.2"	35C0595	144	0.06
SJ-67A3	Cylindrical	Black	0.375 x 0.25"	35C0598	96	0.13
SJ-67A4	Cylindrical	Black	0.375 x 0.311"	35C0599	48	0.14
SJ-67A8*	Cylindrical	Black	0.375 x 0.135"	35C0601	144	0.10

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**RUBBER GROMMETS**



Ideal for electrical insulation and mechanical damping. Made from BUNA S. Sold in packages of 100.

Mfg. Part No.	Inter Diameter	For Hole Size	For Panel Thickness	Outer Diameter	Height	Stock No.	Price Each
							1-14
731	0.187"	0.312	0.063"	0.437"	0.218"	97H7032	9.93
736	0.187"	0.312	0.063"	0.437"	0.218"	94F4446	9.93
739	0.250"	0.375	0.063"	0.562"	0.25"	94F4445	12.17
740	0.250"	0.375	0.093"	0.500"	0.25"	97H7033	19.72
742	0.312"	0.437	0.063"	0.625"	0.281"	94F4447	16.27
747	0.500"	0.812	0.063"	1.062"	0.312"	97H7034	48.79
749	0.500"	0.750	0.093"	0.968"	0.281"	94F9892	18.54

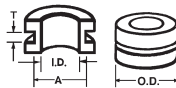
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**GROMMETS**



**RUBBER GROMMETS**

Material: black SBR butadiene-styrene copolymer. Durometer hardness: 60 ± 5. Sold in packages of 100.



Mfg. Part No.	Dimensions				Stock No.	Price per Pkg.	
	A	T	I.D.	O.D.		1-9	10-24
BG-901	0.250"	0.062"	0.125"	0.343"	31F2000	12.68	11.56
BG-2286	0.312"	0.062"	0.187"	0.437"	31F2001	16.04	14.62
BG-8051	0.312"	0.062"	0.187"	0.500"	32F1349	18.13	16.53
BG2902	0.375"	0.062"	0.250"	0.500"	50N6919	21.57	19.66
BG-921	0.375"	0.156"	0.281"	0.625"	31F2282	16.16	14.73
BG2903	0.375"	0.125"	0.250"	0.500"	32F1353	20.66	18.83
BG505	0.437"	0.062"	0.312"	0.625"	50N6920	23.78	21.68
BG230	0.500"	0.062"	0.375"	0.625"	50N6921	21.49	19.59
BG-1787	0.562"	0.062"	0.437"	0.750"	31F2081	23.39	21.32
BG230-060	0.625"	0.062"	0.500"	0.812"	50N6922	35.12	32.01
BG-915	0.750"	0.062"	0.562"	1.000"	31F2080	29.91	27.26
BG-2285	0.875"	0.062"	0.625"	1.125"	31F2083	38.83	35.39
BG-1032	1.000"	0.078"	0.687"	1.312"	31F2084	48.47	44.18

**VINYL GROMMETS**

Color: black. Sold in packages of 100, except (\*) package of 50.

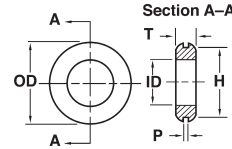
Mfg. Part No.	Dimensions				Stock No.	Price per Pkg.
	A	T	I.D.	O.D.		Each
VG-022	0.250"	0.062"	0.125"	0.343"	50N6488	6.72
SPC21795	0.250"	0.062"	0.125"	0.343"	18M5976	6.72

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**GROMMETS (CONT.)**

Mfg. Part No.	Dimensions				Stock No.	Price per Pkg.
	A	T	I.D.	O.D.		Each
SPC21796	0.500"	0.062"	0.375"	0.625"	18M5977	11.81
SPC21797*	0.625"	0.062"	0.500"	0.812"	18M5978	7.80

**HOLE GROMMETS**

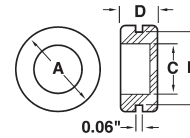


Install instantly and easily; simply snap into hole. Flexible vinyl material. Color: black. Sold in packages of 100.

Mfg. Part No.	Outside Diameter	Inside Diameter	Dimensions			Stock No.	Price per Pkg.
			H	P	T		1-9
SPC4884	0.375"	0.156"	0.25"	0.06"	0.250"	50N122	8.14
SPC4885	0.438"	0.219"	0.31"	0.06"	0.219"	50N123	9.94
SPC4886	0.563"	0.250"	0.37"	0.09"	0.281"	50N124	10.95
SPC4887	0.563"	0.312"	0.44"	0.06"	0.187"	50N125	11.96
SPC4888	0.672"	0.375"	0.49"	0.06"	0.281"	50N126	18.26
SPC4889	0.859"	0.625"	0.75"	0.06"	0.219"	50N127	24.34
SPC4890	1.234"	0.734"	0.99"	0.06"	0.312"	50N128	43.78
SPC4891	1.188"	0.859"	1.00"	0.06"	0.312"	50N129	55.30

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**BLANK DIAPHRAGM GROMMETS**

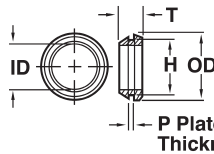


Lock into round, oval, threaded, punched or drilled holes. Flexible vinyl material. Diaphragm can be perforated to accommodate any size wire. Color: black. Sold in packages of 100.

Mfg. Part No.	Dimensions				Stock No.	Price per Pkg.
	A	B	C	D		1-9
SPC4872	0.50"	0.39"	0.25"	0.26"	50N110	19.73
SPC4873	0.62"	0.49"	0.37"	0.25"	50N111	30.70
SPC4874	1.00"	0.87"	0.72"	0.31"	50N112	39.42
SPC4875	1.15"	1.00"	0.81"	0.31"	50N113	48.21

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**QUICK-FIT GROMMETS**



Protect wires and cables when passing through metal panels. Open grommet designed to snap neatly and quickly into position. Soft PVC material. Color: black. Sold in packages of 100.

Mfg. Part No.	Dimensions					Stock No.	Price per Pkg.
	H	I.D.	O.D.	T	P		1-9
SPC4876	0.39"	0.24"	0.53"	0.32"	0.06"	50N114	13.22
SPC4877	0.55"	0.39"	0.69"	0.32"	0.06"	50N115	22.61
SPC4878	0.71"	0.55"	0.85"	0.32"	0.06"	50N116	26.07
SPC4882	0.39"	0.24"	0.53"	0.37"	0.12"	50N120	13.22
SPC4883	0.55"	0.39"	0.69"	0.37"	0.12"	50N121	22.61

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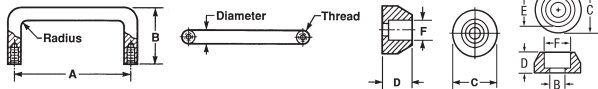
Talk to our team of engineers.

Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

(94668)

HARDWARE – HANDLES • HARDWARE – HOLE PLUGS

ROUND INSTRUMENTATION HANDLES



Choice of nickel-plated brass per ASTM-B-16/00-N-290 or black anodized aluminum per QQ-A-325/MIL-A-8625. Order ferrules separately below.

4-40 THREADED ROUND INSTRUMENTATION HANDLES

Dimensions (in.)			Brass			Aluminum		
A	B	Diameter	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
1.25	1.00	0.156	...	...	...	● 7170	96F9895	3.29
2.00	1.00	0.156	...	...	...	● 7171	96F9896	3.63
3.00	1.00	0.156	● 7142	96F9870	3.51	● 7172	96F9897	3.68
1.25	0.625	0.187	● 9100	16F1994	4.08	● 9110	16F2004	3.29
1.50	0.625	0.187	● 9101	16F1996	4.08	● 9111	16F2005	3.29
1.50	0.75	0.187	● 9104	16F1998	4.49	● 9114	16F2008	3.63
1.75	0.625	0.187	● 9102	16F1995	3.99	● 9112	16F2006	3.39
1.75	0.75	0.187	● 9105	16F1999	4.20	● 9115	16F2009	3.63
2.00	0.625	0.187	● 9103	16F1997	4.20	● 9113	16F2007	3.63

6-32 THREADED ROUND INSTRUMENTATION HANDLES

1.25	1.00	0.187	● 9106	16F2000	4.49	● 9116	16F2010	3.63
1.50	1.00	0.187	● 9107	16F2001	4.90	● 9117	16F2011	3.96
2.00	1.00	0.187	● 9108	16F2002	4.64	● 9118	16F2012	3.96
3.00	1.00	0.187	● 9109	16F2003	4.73	● 9119	16F2013	4.04

8-32 THREADED ROUND INSTRUMENTATION HANDLES

3.00	1.50	0.250	● 7143	96F9871	4.90	● 7173	94F4260	4.20
3.00	1.75	0.250	● 485	96F9877	4.90	...	...	...
4.00	1.50	0.250	● 7144	94F4258	5.14	● 7174	94F4425	4.54

10-32 THREADED ROUND INSTRUMENTATION HANDLES

3.00	1.50	0.312	● 7145	94F4433	5.45	● 7175	96F9907	5.04
4.00	1.50	0.312	● 7146	96F9882	5.72	...	...	...
4.00	1.75	0.312	...	...	...	● 523	96F9912	5.31
4.50	1.50	0.312	● 490	96F9883	5.91	...	...	...
4.562	1.50	0.312	● 7147	96F9884	5.91	...	...	...
5.00	1.50	0.312	● 491	96F9885	6.05	...	...	...
5.00	1.75	0.312	● 495	96F9890	6.05	● 525	96F9914	5.38
6.00	1.50	0.312	● 7148	96F9887	6.56	...	...	...
6.00	1.75	0.375	...	...	...	● 526	96F9915	5.64
4.00	1.375	0.375	● 7150	96F9893	6.36	● 7180	96F9917	5.04
4.00	1.375	0.375	...	...	...	● 7181	96F9918	5.64

OVAL INSTRUMENTATION HANDLES — ALUMINUM (0.625 x 0.281 in.)

Mfg. Part No.	Dimensions (in.)			Thread Size	Stock No.	Price Each	
	A	B				1-49	
● 7186	4.00	1.75	0.625	10-32	90B2385	7.83	
● 541	5.00	1.75	0.625	10-32	88F3787	8.57	
● 7188	6.437	1.75	0.625	10-32	94F4427	9.44	

FERRULES FOR ROUND HANDLES — Sold in packages of 10

Dimensions (in.)			Brass			Aluminum		
Dim. C	Dim D	Dim. F	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
0.250	0.125	0.161	● 7162	31C6775	7.71	● 7192	96F9922	11.20
0.312	0.125	0.203	● 9121	01J1829	9.02	● 9123	01J1830	12.73
0.375	0.187	0.260	● 7163	01J1828	9.02	● 7193	31C6776	12.73
0.562	0.187	0.320	● 7164	96F9921	12.77	● 7194	31C6777	13.04

NYLON HOLE PLUGS



- Material: Black, Nylon 6-6, Matte Finish



Closes unused chassis holes quickly and economically. Plugs are abrasion and vibration resistant. Sold in packs of 100.

Mfg. Part No.	Hole Diameter (in.)	Panel Thickness	Width	Height	Stock No.	Price per Pkg.	
						1-4	
● 8600	0.250	0.063"	0.312"	0.312"	97H7285	13.21	
● 8601	0.250	0.063"	0.375"	0.312"	97H7286	13.21	
● 8602	0.375	0.125"	0.468"	0.406"	30C1986	13.21	
● 8604	0.625	0.125"	0.734"	0.406"	97H7287	16.31	
● 8605	0.750	0.125"	0.921"	0.406"	97H7288	21.07	
● 8606	0.875	0.125"	1.015"	0.453"	97H7289	23.11	

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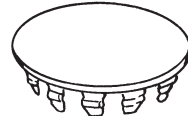
NYLON HOLE PLUGS (CONT.)

Mfg. Part No.	Hole Diameter (in.)	Panel Thickness	Width	Height	Stock No.	Price per Pkg.	
						1-4	
● 8607	1.000	0.125"	1.203"	0.453"	97H7290	26.37	
● 8608	1.125	0.125"	1.218"	0.453"	97H7291	28.38	
● 8609	1.250	0.125"	1.375"	0.453"	97H7292	33.84	

PLUG BUTTONS



- Nickel-Plated Steel
- Spring-Tension Prongs

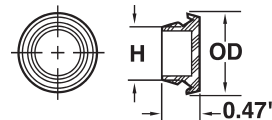


Mfg. part no. 41V provides ventilation whenever required.

Mfg. Part No.	Hole Diameter	Overall Diameter	Stock No.	Price Each	
				1-24	25-49
● 41C	0.500"(12.70)	0.656"(16.67)	29F635	0.95	0.77
● 41F	0.875"(22.23)	1.062"(26.99)	29F638	1.19	0.96
● 41H	1.250"(31.75)	1.438"(36.51)	16F5238	2.22	1.79
● 41V	1.000"(25.40)	1.156"(29.37)	29F641	4.39	3.54

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BODY PLUGS

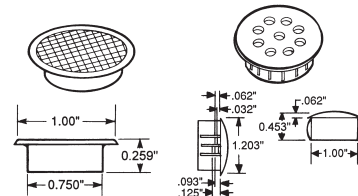


Smart design enables each size to cover a wide range of panel thicknesses. Diaphragm can be perforated to accommodate any size wire. Provides splashproof seal. Thermoplastic rubber material. 0.03" to 0.08" (0.8 to 2.0) panel thickness. Color: black. Sold in packages of 100.

Mfg. Part No.	Hole Size	Outside Diameter	Stock No.	Price per Pkg.	
				1-9	
● SPC4869	0.39" (10)	0.75" (19)	50N107	17.15	
● SPC4870	0.71" (18)	1.06" (27)	50N108	35.82	
● SPC4871	1.18" (30)	1.54" (39)	50N109	87.74	

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VENT PLUGS



Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
● VPMB	Brass-Plated Metal Wire Mesh	95N3644	0.97	0.92
● VPMN	Nickel-Plated Metal Wire Mesh	95N3645	1.18	1.11
● SPC21794	Snap-In, Black Perforated Plastic	18M5975	3.26	2.84

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SNAP BUTTON HOLE PLUGS



Cover holes in metal, wood, and more. Mfg. part no. HP-14 size fits switch box knock-out holes. Nickel-plated steel. Sold in packages of 100.



Mfg. Part No.	Hole Dia.	Panel Thickness	Dimensions			Stock No.	Price per Pkg.	
			D	H	L		1-2	
● SPC21893	0.250"	0.031-0.062"	0.406"	0.062"	0.234"	18M6074	21.79	
● HP-05	0.312"	0.046-0.078"	0.437"	0.062"	0.250"	32F646	39.07	
● SPC21894	0.375"	0.046-0.062"	0.500"	0.062"	0.234"	18M6075	18.64	
● SPC21895	0.500"	0.031-0.062"	0.656"	0.078"	0.281"	18M6076	75.95	
● HP-10	0.625"	0.062-0.093"	0.812"	0.078"	0.296"	31F2017	35.97	
● SPC21896	0.750"	0.062-0.093"	0.921"	0.078"	0.296"	18M6077	50.68	
● HP-14	0.875"	0.062-0.093"	1.062"	0.062"	0.296"	32F648	52.83	
● SPC21897	1.000"	0.093-0.125"	1.140"	0.093"	0.312"	18M6078	41.46	

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HARDWARE – HOLE PLUGS • HARDWARE – SCREW NUTS • HARDWARE – SCREWS

**SNAP BUTTON HOLE PLUGS (CONT.)**

Mfg. Part No.	Hole Dia.	Panel Thickness	Dimensions			Stock No.	Price per Pkg.	
			D	H	L		1-2	
● HP-18	1.125"	0.031-0.125"	1.312"	0.093"	0.343"	32F649	69.32	
● HP-20	1.250"	0.062-0.093"	1.437"	0.093"	0.343"	32F650	70.56	

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**HEX MACHINE SCREW NUTS**



**NICKEL-PLATED STEEL—PKG. OF 100**

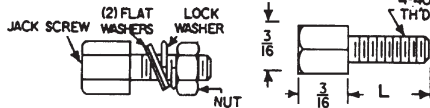
Mfg. Part No.	Thread	Width	Stock No.	Price per Pkg.	
				1-9	10-24
● SPC21805	#2-56	3/16"	18M5986	7.67	7.26
NH-0348-004-SN	#3-48	3/16"	31F2208	6.72	6.35
● SPC21806	#3-48	3/16"	18M5987	6.72	6.35
● SPC21801	#4-40	1/4"	18M5982	4.56	4.31
● SPC21802	#6-32	1/4"	18M5983	3.44	3.25
● SPC21807	#6-32	3/16"	18M5988	5.04	4.77
● SPC21803	#8-32	1/4"	18M5984	3.28	3.10
● SPC21808	#8-32	3/16"	18M5989	4.32	4.09
● SPC21804	#10-32	3/8"	18M5985	4.88	4.62
● SPC21809	1/4"-20	7/16"	18M5990	15.11	14.29

**NYLON—PKG. OF 100**

● SPC21810	#2-56	3/16"	18M5991	30.53	28.88
● SPC21811	#4-40	1/4"	18M5992	30.69	29.03
● SPC21812	#6-32	5/16"	18M5993	30.85	29.19
● SPC21813	#8-32	3/16"	18M5994	31.01	29.34
● SPC21814	#10-32	3/8"	18M5995	31.17	29.49

(9233)

**D-SUB JACK SCREWS**



D-subminiature connector mounting screw. Per MIL-C-24308/26.

**ZINC PLATE AND GOLD IRIDITE**

JACK ONLY			
Mfg. Part No.	Length	Stock No.	Price Each
● 7228	0.250"	59K0514	0.39
● 7230	0.312"	59K0516	0.32
● 7232	0.625"	59K0519	0.79
JACK WITH HARDWARE			
● 7229	0.250"	59K0515	0.51
● 7231	0.312"	59K0518	0.41
● 7233	0.625"	59K0520	0.90

**ZINC PLATE AND CLEAR CHROMATE**

JACK ONLY			
Mfg. Part No.	Length	Stock No.	Price Each
● 7228-5	0.250"	16F1076	0.39
● 7230-5	0.312"	16F1078	0.30
● 7232-5	0.625"	16F1080	0.79
JACK WITH HARDWARE			
● 7229-5	0.250"	16F1077	0.51
● 7231-5	0.312"	16F1079	0.41
● 7233-5	0.625"	16F1081	0.90

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**SEMS JACK SCREWS**

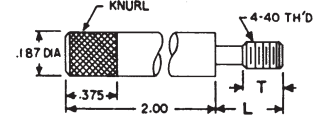


Material: steel, zinc plate and clear chromate. "D" subminiature connector mounting screw, captivated helical spring lockwasher, simplifies use, flat washer and nut supplied unassembled. Sold in packages of 100.

Mfg. Part No.	Product Description	Thread Length	Thread Size	Screw Head Diameter	Screw Head Depth	Stock No.	Price Each
							1-4
● 7235	Jack only	0.285"	4-40	0.187"	0.1"	97H7074	45.68
● 7237	Jack only	0.347"	4-40	0.187"	0.1"	97H7075	35.21
● 7238	Jack with Hardware	0.347"	4-40	0.187"	0.1"	97H7076	58.30

(78678)

**TURNABLE JACK SCREWS**

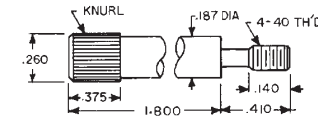


Jack screws with screwdriver slots for mating and disconnecting computer connectors quickly and easy. Material: steel-black oxide finish. Diameter: 0.187".

Mfg. Part No.	Dimensions		Stock No.	Price Each
	T	L		1-49
● 2065	0.125"	0.250"	50F4694	1.86
● 2067	0.250"	0.437"	50F4695	1.86

(9284)

**JACK SCREWS**

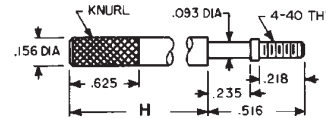


Material: Steel, clear chromate zinc. Diameter: 0.260".

Mfg. Part No.	Dimensions		Stock No.	Price Each
	T	L		1-49
● 2073	0.140"	1.800"	50F4698	3.16

(68310)

**JACK SCREWS**

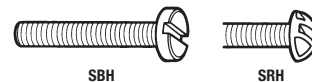


Material: steel nickel plated. Diameter: 0.156" (SLIM LINE).

Mfg. Part No.	"H" Dimension	Stock No.	Price Each
			1-49
● 2069	1.250"	50F4704	1.89
● 2071	1.750"	50F4706	1.99

(68311)

**MACHINE SCREWS**



**SBH SERIES NICKEL-PLATED STEEL BINDER HEAD SCREWS – PKG. OF 100**

Mfg. Part No.	Thread	Length	Stock No.	Price per Pkg.
				1-9
● SPC21821	#2-56	1/4"	18M6002	9.65
● SPC21822	#2-56	1/2"	18M6003	9.65
● SPC21823	#4-40	1/4"	18M6004	6.64
● SPC21824	#4-40	1/2"	18M6005	7.24
● SPC21825	#4-40	3/4"	18M6006	9.65
● SPC21826	#6-32	3/16"	18M6007	6.34
● SPC21827	#6-32	1/4"	18M6008	2.96

▶ CONTINUED ▶

HARDWARE – SCREWS • HARDWARE – SPACERS

MACHINE SCREWS (CONT.)

Mfg. Part No.	Thread	Length	Stock No.	Price per Pkg.	
				1-9	
SBH-0632-024-SN	#6-32	3/8"	31F2198		3.14
● SPC21828	#6-32	3/8"	18M6009		3.14
● SPC21829	#6-32	1/2"	18M6010		4.29
● SPC21830	#6-32	3/4"	18M6011		4.95
● SPC21831	#8-32	1/4"	18M6012		3.44
● SPC21832	#8-32	3/8"	18M6013		5.25
● SPC21833	#8-32	1/2"	18M6014		5.07
● SPC21834	#8-32	3/4"	18M6015		4.59
● SPC21835	#10-32	1/2"	18M6016		9.29
● SPC21836	#10-32	3/4"	18M6017		10.68

SRH SERIES NICKEL-PLATED STEEL ROUND HEAD SCREWS – PKG. OF 100

● SPC21837	#2-56	1/2"	18M6018		6.52
● SPC21838	#2-56	3/4"	18M6019		40.41
● SPC21839	#4-40	1/4"	18M6020		6.40
● SPC21840	#4-40	3/8"	18M6021		7.36
● SPC21841	#4-40	1/2"	18M6022		6.64
● SPC21842	#4-40	3/4"	18M6023		7.24
● SPC21843	#6-32	1/4"	18M6024		6.76
● SPC21844	#6-32	3/8"	18M6025		8.08
● SPC21845	#6-32	1/2"	18M6026		7.12
● SPC21846	#6-32	3/4"	18M6027		7.24
● SPC21847	#6-32	1"	18M6028		5.01
● SPC21848	#6-32	1 1/4"	18M6029		8.99
● SPC21849	#6-32	2"	18M6030		8.99
● SPC21850	#8-32	3/8"	18M6031		6.76
● SPC21851	#8-32	1/2"	18M6032		4.83
● SPC21852	#8-32	3/4"	18M6033		5.07
● SPC21853	#8-32	1"	18M6034		7.42
● SPC21854	#8-32	1 1/4"	18M6035		5.73
● SPC21855	#10-32	1/2"	18M6036		7.96
● SPC21856	#10-32	3/4"	18M6037		9.17
● SPC21857	#10-32	1"	18M6038		7.84
● SPC21858	#10-32	1 1/2"	18M6039		15.02

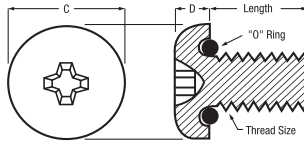
(9331)

SEELSKREW® HIGH-PRESSURE SELF-SEALING SCREWS



APM HEXSEAL

Corrosion Resistant Steel SEELSKREWS® are designed to seal out air, water, lubricants and other liquid or gaseous contaminants. Standard Pan Head Phillips recessed design. Orange silicon O-ring is securely nested in precision-engineered groove for optimum sealing effectiveness. Provides for vibration-resistant complete metal-to-metal contact.



THREAD SIZE: 4-40UNC-2A

Mfg. Part No.	Mil-Spec Part No.	Dimensions (in.)			Stock No.	Price Each
		Length	C (max.)	D (max.)		
● R4-40X1/4	MS3212-1	0.25	0.238	0.08	97H7858	0.56
● R4-40X3/8	MS3212-3	0.375	0.238	0.08	97H7859	0.58
● R4-40X1/2	MS3212-5	0.5	0.238	0.08	97H7857	0.58
● R4-40X5/8	MS3212-7	0.625	0.238	0.08	97H7860	0.61
● R4-40X3/4	MS3212-8	0.75	0.238	0.08	34C6089	0.64
● R4-40X7/8	MS3212-9	0.875	0.238	0.08	97H7861	0.69

THREAD SIZE: 6-32UNC-2A

● R6-32X1/4	MS3212-11	0.25	0.294	0.097	97H7864	0.58
● R6-32X3/8	MS3212-12	0.375	0.294	0.097	97H7866	0.58
● R6-32X1/2	MS3212-15	0.5	0.294	0.097	97H7863	0.61
● R6-32X5/8	MS3212-17	0.625	0.294	0.097	67H3324	0.64
● R6-32X3/4	MS3212-18	0.75	0.294	0.097	97H7865	0.69
● R6-32X1	MS3212-20	1	0.294	0.097	97H7862	0.74

THREAD SIZE: 8-32UNC-2A

● R8-32X3/8	MS3212-23	0.375	0.347	0.115	97H7869	0.64
● R8-32X1/2	MS3212-25	0.5	0.347	0.115	97H7867	0.66
● R8-32X5/8	MS3212-27	0.625	0.347	0.115	97H7870	0.74
● R8-32X3/4	MS3212-28	0.75	0.347	0.115	97H7868	0.77
● R8-32X7/8	MS3212-29	0.875	0.347	0.115	97H7871	0.85

THREAD SIZE: 10-32UNC-2A

● R10-32X3/8	MS3212-31	0.375	0.403	0.133	97H7855	0.71
● R10-32X1/2	MS3212-33	0.5	0.403	0.133	97H7853	0.79
● R10-32X5/8	MS3212-35	0.625	0.403	0.133	97H7856	0.85
● R10-32X3/4	MS3212-36	0.75	0.403	0.133	97H7854	0.93
● R10-32X1	MS3212-38	1	0.403	0.133	97H7852	1.08

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SEELSKREW® HIGH-PRESSURE SELF-SEALING SCREWS (CONT.)

THREAD SIZE: 1/4-20UNC-2A

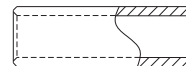
Mfg. Part No.	Mil-Spec Part No.	Dimensions (in.)			Stock No.	Price Each
		Length	C (max.)	D (max.)		
● R1/4-20X1/2	MS3212-49	0.5	0.517	0.175	97H7850	1.24
● R1/4-20X3/4	MS3212-52	0.75	0.517	0.175	97H7851	1.45
● R1/4-20X1	MS3212-54	1	0.517	0.175	97H7849	1.63

(78679)

1/4" O.D. ALUMINUM SPACERS



ABBATRON HH Smith



Maximum standoff thread depths: tapped thru — all threads: 1". Irridite finish seals and protects aluminum surface. Sold in packages of 100.

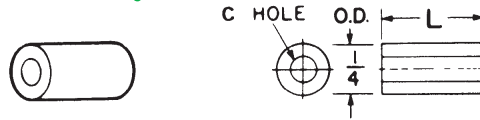
Body Lgth. (in.)	#4 Hole			#6 Hole			#8 Hole		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
0.125	● 8480	67F4011	40.45	● 8500	28M9487	33.39	8520	67F4027	30.82
0.25	● 8481	26M8419	33.82	● 8501	67F4020	44.73	8521	67F4028	43.02
0.375	● 8482	26M8420	42.59	● 8502	26M8421	42.80	● 8522	26M8424	43.87
0.5	● 8483	67F4014	50.94	● 8503	19M8540	36.81	● 8523	67F4030	45.37
0.625	8484	67F4015	52.01	● 8504	26M8422	56.50	8524	67F4031	46.87
1	8487	67F4018	67.84	● 8507	26M8423	64.63	● 8527	19M8541	69.34
1.5	8489*	13F225	38.42	● 8509*	98F3557	28.04	● 8529*	13F227	54.25
2	8491*	13F228	64.42	● 8511*	50F217	60.35	● 8531*	26M8425	54.36

\* Sold in packages of 50 (9940)

ROUND CLEAR SPACERS



KEYSTONE ELECTRONICS CORP. An ISO 9001 Certified Company



Sold in Packages of 100.

BRASS ROUND NICKEL-PLATED

Lgth. (in.)	#4 (0.120") Clearance Hole			#6 (0.140") Clearance Hole			#8 (0.171") Clearance Hole		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
0.125	● 1909	89F2670	27.00	● 1934	89F2653	27.00	...	...	...
0.25	● 1454A	89F2671	30.51	● 1457A	89F2654	30.51	● 1480	89F2650	30.51
0.375	● 1454B	89F2659	32.38	● 1457B	89F2655	32.38	● 1481	89F2651	32.38
0.5	● 1454C	89F2660	38.50	● 1457C	89F2656	38.50	● 1482	89F2020	38.50
0.625	● 1919	89F2661	34.81	● 1935	89F2657	42.74	● 2032	89F2021	42.74
0.75	● 1454D	89F2662	43.37	● 1457D	89F2658	43.37	● 1483	89F2022	43.37
1	● 1454E	89F2664	68.17	● 1457E	89F2646	68.17	● 1484	89F2024	68.17
1.5	● 1924	89F4507	144.82	● 1937	89F2647	144.82	● 2034	89F2025	144.82
2	● 1925	89F2652	191.39	● 1938	89F2648	190.32	● 2035	89F2026	190.32

ALUMINUM ROUND IRIDITE FINISH

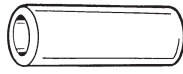
Lgth. (in.)	#4 Clearance Hole			#6 Clearance Hole			#8 Clearance Hole		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
0.125	● 2036	89F2623	16.40	3403	89F2606	16.40	4258	89F2602	16.40
0.25	3457	89F2695	18.95	3464	89F2607	18.95	3471	89F2603	18.95
0.375	● 3458	89F2612	23.00	3465	89F2608	22.25	3472	89F2604	22.25
0.5	● 3459	02M0147	24.12	● 3466	89F2609	24.12	● 3473	02M0152	24.12
0.625	● 2314	89F2613	26.47	● 3429	02M0146	26.47	...	...	...
0.75	3460	89F2614	29.53	3467	89F2611	29.53	3474	89F2586	29.53
0.875	3402	89F2615	32.97	3438	89F2598	32.97	4260	89F2587	32.97
1	● 3461	89F2616	35.76	3468	89F2599	35.76	3475	89F2588	35.76
1.5	3462	89F2617	77.67	...	...	...	3476	89F2589	77.67
2	3463	89F2605	102.50	3470	89F2601	102.50	3477	89F2590	102.50

(9281)



HARDWARE – SPACERS

ROUND CLEAR SPACERS



1/4" O.D. Spacers

Sold in packages of 100.

1/4" OUTER DIAMETER BRASS SPACERS – NICKEL-PLATED

Screw Size	Mfg. Part No.	Length (in.)	Stock No.	Price per Pkg.
				1-4
#6	● RB-6-250A	0.25	93N2154	22.74
	● RB-6-375A	0.375	93N2155	28.35
	● RB-6-500A	0.5	93N2156	33.63
#8	● RB-8-750A	0.75	93N2158	37.98

1/4" OUTER DIAMETER ALUMINUM SPACERS – IRIDITE FINISH, MEET MIL-C-5541 SPECS.

Screw Size	Mfg. Part No.	Length (in.)	Stock No.	Price per Pkg.
				1-4
#4	● SPC21535	1	11M2152	33.82
#4	● SPC21537	0.25	11M2154	12.16
#4	● SPC21538	1.5	11M2155	75.16
#4	● SPC21539	0.375	11M2156	18.35
#4	● SPC21536	0.5	11M2153	19.81
#6	● SPC21541	0.25	11M2158	11.75
#6	● SPC21540	0.5	11M2157	17.29
#6	● SPC21543	0.625	11M2160	21.14
#6	● SPC21542	0.75	11M2159	27.63
#8	● SPC21545	1.5	11M2162	75.16
#8	● SPC21547	0.375	11M2164	18.35
#8	● SPC21544	0.5	11M2161	25.35
#8	● SPC21546	0.75	11M2163	26.73

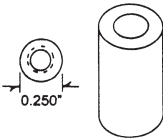
(9296)

ROUND SPACERS



For self-tapping screws. Rated UL94V-2. Sold in packages of 100.

# 4 SCREW 0.120"  
# 6 SCREW 0.140"  
# 8 SCREW 0.171"



WHITE NYLON

Round Spacers

Lgth. (in.)	#4 Screw			#6 Screw			#8 Screw		
	Mfg. Part No.	Stk. No.	Price per Pkg.	Mfg. Part No.	Stk. No.	Price per Pkg.	Mfg. Part No.	Stk. No.	Price per Pkg.
			1-4			1-4			1-4
.125	● RN-4-125A	93N2174	8.56	● RN-6-125A	93N2178	9.22	...	...	...
.250	● RN-4-250A	93N2175	9.22	● RN-6-250A	93N2179	9.22	● RN-8-250A	93N2184	9.22
.375	● RN-4-375A	93N2176	9.97	● RN-6-375A	93N2180	14.05	● RN-8-375A	93N2185	9.97
.500	● RN-4-500A	93N2177	10.10	● RN-6-500A	93N2181	10.32	● RN-8-500A	93N2186	10.75
.750	● RN-4-750A	93N2189	11.63	● RN-6-750A	93N2182	11.19	● RN-8-750A	93N2187	11.63
1.	...	...	...	● RN-6-1000A	93N2183	12.29	● RN-8-1000A	93N2188	12.29

GRAY PVC

.250	● RP4-250	93N1001	9.87	● RP6-250	93N1004	9.72	...	...	...
.500	● RP4-500	93N1002	11.10	● RP6-500	93N1005	10.95	...	...	...
1.	...	...	...	...	...	...	● RP8-1000	93N1009	13.54

(9297)

THREADED ROUND TAPPED SPACERS



Material: nylon 6%, rated UL94V-2. Color: white. Sold in packages of 100.

Threaded Round Spacers

Length (in.)	#4-40 Thread			#6-32 Thread			#8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-9	Mfg. Part No.	Stock No.	Price per Pkg. 1-9	Mfg. Part No.	Stock No.	Price per Pkg. 1-9
0.25	● 2395	92N4900	14.11	● 2402	92N4907	18.51	● 2409	92N4914	14.11
0.375	● 2396	92N4901	14.92	● 2403	92N4908	14.92	● 2410	92N4915	14.92
0.5	● 2397	92N4902	15.73	● 2404	92N4909	15.73	● 2411	92N4916	15.73
0.625	● 2398	92N4903	16.26	● 2405	92N4910	16.26	● 2412	92N4917	16.26
0.75	● 2399	92N4904	16.54	● 2406	92N4911	16.54	...	...	...
1	● 2401	92N4906	17.35	● 2408	92N4913	17.35	...	...	...

(17038)

COMMERCIAL-TYPE ROUND CERAMIC THREADED SPACERS



Sold in packages of 25. 6-32 Thread.



Commercial-Type Round Spacers

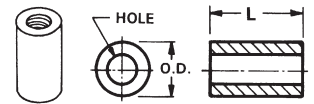
Mfg. Part No.	Length (in.)	Thread Size	Depth (in.)	O.D. (in.)	Stock No.	Price per Pkg.		
						1-4	5-9	10-24
● 2685	0.25	6-32	Thru	0.250	92N5227	49.36	42.23	35.65
● 2686	0.5	6-32	0.156	0.250	92N5228	57.16	48.90	41.28
● 2687	0.375	6-32	0.156	0.375	92N5229	43.17	36.93	31.18
● 2688	0.5	6-32	0.187	0.375	92N5230	46.58	39.85	33.64
● 2689	0.5	6-32	0.140	0.500	92N5231	51.20	43.81	36.98
● 2690	0.75	6-32	0.250	0.500	92N5232	54.78	46.86	39.56
● 2691	1	6-32	0.375	0.500	92N5233	56.70	48.51	40.95

(17842)

NYLON SPACERS



Sold in packages of 100.



NYLON - ROUND THRU-HOLE SPACERS

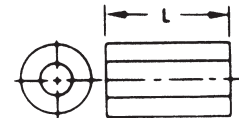
Length (in.)	#4 Clearance Hole		#6 Clearance Hole		#8 Clearance Hole		Price per Pkg.	
	Mfg No	Stock No.	Mfg No	Stock No.	Mfg No	Stock No.	1-4	5-9
0.125	● 875	16F2040	● 883	16F1976	● 891	16F1982	16.09	13.44
0.25	● 876	94F9907	● 884	16F1977	● 892	16F1983	17.31	14.46
0.375	● 877	16F2041	● 885	94F9908	● 893	94F4284	18.19	15.19
0.5	● 878	16F1971	● 886	16F1978	● 894	16F1984	19.15	16.00
0.625	● 879	94F4398	● 887	94F4399	● 895	16F1985	20.45	17.08
0.75	● 880	16F1972	● 888	94F4288	● 896	16F1986	20.79	17.36
0.875	● 881	94F4400	● 889	94F4401	● 897	94F4402	21.16	17.68
1	● 882	16F1973	● 890	16F1979	● 898	94F4285	22.29	18.62

(9401)

0.25" (6.35) O.D. NYLON SPACERS



Made of type 6 nylon. Sold in packages of 100.



Length (in.)	#4 Hole		#6 Hole		#8 Hole		Price per Pkg. 1-4
	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	
0.125	● 4000	30F1433	● 4001	30F1434	● 4002	30F1435	5.57
0.25	● 4006	30F1436	● 4007	30F1437	● 4008	30F1438	5.57
0.375	● 4012	30F1439	● 4013	30F1440	● 4014	30F1441	6.21
0.5	● 4018	30F1442	● 4019	30F1443	● 4020	30F1444	6.21
0.625	● 4024	30F1445	● 4025	30F1446	● 4026	30F1447	6.21

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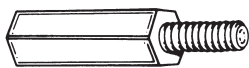
HARDWARE – SPACERS

0.25" (6.35) O.D. NYLON SPACERS (CONT.)

Length (in.)	#4 Hole		#6 Hole		#8 Hole		Price per Pkg.
	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	
0.75	● 4030	30F1448	● 4031	30F1449	● 4032	30F1450	7.07
0.875	● 4038	27K6633	● 4037	30F1452	● 4038	27K6633	7.07
1	● 4042	30F1454	● 4043	30F1455	● 4044	30F1456	7.28

(9285)

1/4" THREADED MALE/FEMALE HEX SPACERS



Male/Female Hex Spacers

Material: nylon %, rated UL94V-2. Color: white. Order hex machine screw nuts separately; go online or call. Sold in packages of 100.

Length (in.)	#4-40 Thread			#6-32 Thread			#8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-9	Mfg. Part No.	Stock No.	Price per Pkg. 1-9	Mfg. Part No.	Stock No.	Price per Pkg. 1-9
0.25	● 2436	92N4941	17.91	● 2443	92N4948	17.91	...	...	...
0.375	● 2437	92N4942	18.26	● 2444	92N4949	18.26	...	...	...
0.500	● 2438	92N4943	18.96	● 2445	92N4950	18.96	● 2452	92N4957	18.96
0.625	● 2439	92N4944	19.31	● 2446	92N4951	19.31	...	...	...
0.750	● 2440	92N4945	19.66	● 2447	92N4952	19.66	● 2454	92N4959	19.66
0.875	● 2441	92N4946	20.01	...	...	...	● 2455	92N4960	20.01
1.000	● 2442	92N4947	20.39	● 2449	92N4954	20.39	● 2456	92N4961	20.39

(17037)

1/4" THREADED FEMALE/FEMALE HEX SPACERS



Female/Female Hex Spacers

Material: nylon %, rated UL94V-2. Color: white. Made in the U.S.A. Sold in packages of 100.

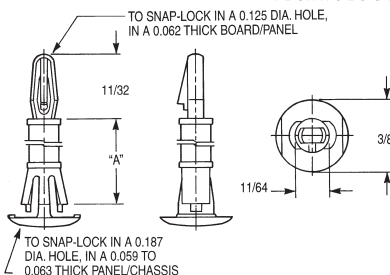
Length (in.)	#4-40 Thread			#6-32 Thread			#8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-9	Mfg. Part No.	Stock No.	Price per Pkg. 1-9	Mfg. Part No.	Stock No.	Price per Pkg. 1-9
0.25	● 2415	92N4920	18.34	● 2422	92N4927	18.34	...	...	...
0.375	● 2416	92N4921	18.69	● 2423	92N4928	18.69	● 2430	92N4935	24.31
0.5	● 2417	92N4922	19.44	● 2424	92N4929	19.44	● 2431	92N4936	19.44
0.625	● 2418	92N4923	21.23	● 2425	92N4930	21.23	...	...	...
0.75	● 2419	92N4924	23.05	● 2426	92N4931	23.05	● 2433	92N4938	23.05
0.875	● 2420	92N4925	23.77	● 2427	92N4932	31.28	...	...	...
1	● 2421	92N4926	24.87	● 2428	92N4933	24.87	● 2435	92N4940	24.87

(17036)

REVERSE-LOCKING SPACERS



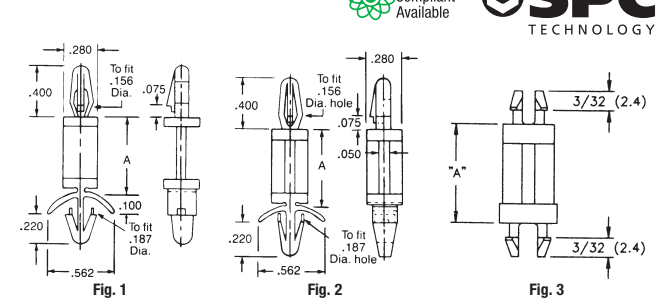
Reverse-locking spacers insert into both holes from chassis underside. Spring lock support installs and releases by hand. Thin button head for minimal protrusion under chassis. Material: nylon %. Color: natural. Sold in packages of 100.



Mfg. Part No.	Dimension A	Stock No.	Price per Pkg.	
			1-4	5-9
● 2630	0.250" (6.35)	92N4845	19.63	16.55
● 2631	0.375" (9.53)	92N4846	20.60	17.37
● 2632	0.500" (12.70)	92N4847	22.18	18.70
● 2633	0.625" (15.88)	92N4848	23.70	19.99

(17041)

SNAP-IN PC BOARD SPACERS



NYLON FLEXIBLE SUPPORTS – FIG. 1  
Flexible supports allow access to underside of PC board for maintenance and repair. Lock to PC board and chassis. Material: nylon %. Color: natural.

Mfg. Part No.	Dimension A ±0.015" (0.4)	Pkg. of	Stock No.	Price per Pkg.	
				1-4	5-9
● FPCS-6	0.375" (9.53)	100	37N1659	17.61	
● FPCS-8	0.500" (12.70)	100	37N1660	18.95	
● 2622	0.750" (19.05)	100	92N4837	25.05	

NYLON LOCKING PC BOARD SUPPORTS – FIG. 2  
Ends lock by hand, no tools required. Strong grip. Material: nylon 6/6. Color: natural.

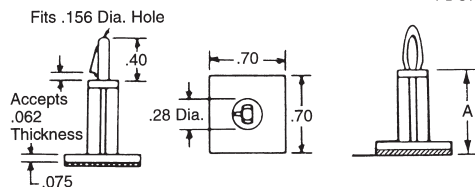
Mfg. Part No.	Dimension A	Pkg. of	Stock No.	Price per Pkg.
● PCS-3	0.188" (4.78)	100	50N4751	13.35
● PCS-4	0.250" (6.35)	100	50N4752	14.21
● PCS-6	0.375" (9.53)	100	50N4753	14.92
● PCS-8	0.500" (12.70)	100	50N4754	16.04
● PCS-10	0.625" (15.88)	100	50N4755	17.12
● PCS-12	0.750" (19.05)	100	50N4756	18.28
● PCS-14	0.875" (22.22)	100	16N1014	19.31
● PCS-16	1.000" (25.40)	100	50N4757	21.78
● PCS-20	1.250" (31.75)	100	50N5421	22.63

NYLON LOW-PROFILE SUPPORT POSTS – FIG. 3  
Installs by hand and locks securely. Removable by pinching prong tips. Larger base on one side differentiates one end from the other. Material: nylon 6/6. Color: natural.

Mfg. Part No.	Dimension A	Pkg. of	Stock No.	Price per Pkg.
● 8476-0422	0.188" (4.78)	100	16N804	14.70
● 8476-0423	0.250" (6.35)	100	16N805	15.15
● 8476-0425	0.500" (12.70)	100	16N807	17.07

(9426)

ADHESIVE MOUNT SNAP-IN SPACERS



Fit 0.156" diameter hole. Accept 0.062" thickness panel. 1/32" thick double-adhesive tape with release tab. Material: nylon %. Color: natural. Sold in packages of 100.

Mfg. Part No.	Dimension A ±0.015" (0.4)	Stock No.	Price per Pkg.	
			1-4	5-9
● APCS-3	0.188" (4.78)	81N2584	52.84	44.57
● APCS-4	0.250" (6.35)	81N2585	53.60	45.21
● APCS-6	0.375" (9.53)	81N2586	54.36	45.85
● APCS-8	0.500" (12.70)	81N2587	55.61	46.90
● APCS-10	0.625" (15.88)	81N2588	56.82	47.92
● APCS-12	0.750" (19.05)	81N2589	58.07	48.98
● 2629	1.00" (25.40)	92N4844	47.16	39.78

(9428)

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(94656)

METRIC SPACERS

Just Added

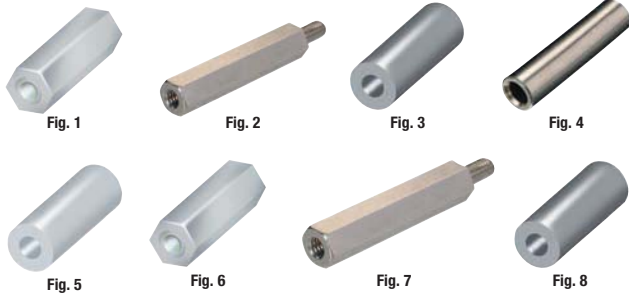


FIGURE 1: HEX 5.5mm A/F, NICKEL PLATED

Mfg. Part No.	Length (mm)	Body Material	Stock No.	Price Each	
				1-49	50-99
● R30-1010402	4	Brass	19K7799	0.23	0.21
● R30-1010702	7	Brass	56K2846	0.25	0.23
● R30-1010802	8	Brass	87H6314	0.26	0.24
● R30-1010902	9	Brass	56K2847	0.26	0.24
● R30-1011002	10	Brass	56K2848	0.26	0.24
● R30-1011102	11	Brass	56K2849	0.27	0.25
● R30-1011202	12	Brass	37K6629	0.27	0.25
● R30-1011302	13	Brass	56K2850	0.28	0.26
● R30-1011402	14	Brass	56K2851	0.28	0.26
● R30-1011502	15	Brass	56K2852	0.29	0.27
● R30-1011602	16	Brass	56K2853	0.30	0.28
● R30-1011802	18	Brass	56K2855	0.32	0.29
● R30-1012002	20	Brass	56K2856	0.36	0.34
● R30-1012502	25	Brass	56K2857	0.40	0.37

FIGURE 2: M/F HEX 5.0mm A/F, STUD LENGTH = 6mm, NICKEL PLATED

● R30-3000402	4	Brass	26H5431	0.28	0.26
● R30-3000502	5	Brass	95H7627	0.29	0.27
● R30-3000602	6	Brass	56K2872	0.30	0.28
● R30-3000702	7	Brass	56K2873	0.31	0.29
● R30-3000802	8	Brass	56K2874	0.32	0.30
● R30-3000902	9	Brass	56K2875	0.33	0.31
● R30-3001002	10	Brass	56K2877	0.34	0.31
● R30-3001102	11	Brass	56K2878	0.35	0.32
● R30-3001202	12	Brass	56K2879	0.36	0.34
● R30-3001302	13	Brass	56K2880	0.37	0.34
● R30-3001402	14	Brass	72J5962	0.38	0.35
● R30-3001502	15	Brass	07J0320	0.39	0.36
● R30-3001602	16	Brass	56K2881	0.40	0.37
● R30-3001802	18	Brass	56K2883	0.42	0.38
● R30-3001902	19	Brass	56K2884	0.45	0.41
● R30-3002002	20	Brass	72J6953	0.46	0.43
● R30-3002402	24	Brass	56K2887	0.48	0.44
● R30-3002502	25	Brass	56K2888	0.51	0.47
● R30-3003002	30	Brass	56K2890	0.55	0.51

FIGURE 3: ROUND 4.75 O/D, NICKEL PLATED

● R30-5000402	4	Brass	56K2936	0.18	0.17
● R30-5000602	6	Brass	56K2938	0.20	0.19
● R30-5000702	7	Brass	56K2939	0.24	0.22
● R30-5000802	8	Brass	56K2940	0.24	0.22
● R30-5000902	9	Brass	56K2941	0.24	0.23
● R30-5001002	10	Brass	56K2942	0.25	0.23
● R30-5001102	11	Brass	56K2943	0.26	0.24
● R30-5001202	12	Brass	56K2944	0.26	0.24
● R30-5001402	14	Brass	56K2946	0.28	0.26
● R30-5001602	16	Brass	56K2948	0.30	0.28
● R30-5001802	18	Brass	56K2949	0.31	0.28
● R30-5002002	20	Brass	56K2950	0.35	0.32
● R30-5002502	25	Brass	56K2951	0.44	0.40

FIGURE 4: ROUND 4.75mm O/D, 3.3mm INNER DIA., NICKEL PLATED

● R30-6010202	2	Brass	56K2953	0.20	0.19
● R30-6010302	3	Brass	56K2954	0.20	0.19
● R30-6010402	4	Brass	56K2955	0.20	0.19
● R30-6010502	5	Brass	65J9150	0.20	0.19
● R30-6010602	6	Brass	56K2956	0.21	0.19
● R30-6010702	7	Brass	56K2957	0.22	0.20
● R30-6010802	8	Brass	56K2958	0.22	0.20
● R30-6010902	9	Brass	56K2959	0.23	0.21
● R30-6011002	10	Brass	56K2960	0.24	0.22
● R30-6011102	11	Brass	56K2961	0.24	0.23

➤ CONTINUED ➤

METRIC SPACERS (CONT.)

FIGURE 4: ROUND 4.75mm O/D, 3.3mm INNER DIA., NICKEL PLATED

Mfg. Part No.	Length (mm)	Body Material	Stock No.	Price Each	
				1-49	50-99
● R30-6011202	12	Brass	26H6041	0.24	0.23
● R30-6011302	13	Brass	56K2962	0.25	0.23
● R30-6011402	14	Brass	56K2963	0.26	0.24
● R30-6011502	15	Brass	56K2964	0.27	0.25
● R30-6011602	16	Brass	56K2965	0.28	0.26
● R30-6011802	18	Brass	56K2966	0.30	0.28
● R30-6012002	20	Brass	56K2967	0.33	0.31
● R30-6012202	22	Brass	56K2968	0.39	0.36
● R30-6012502	25	Brass	56K2969	0.38	0.35
● R30-6013002	30	Brass	56K2970	0.42	0.39

FIGURE 5: ROUND 5.0mm O/D, 3.2mm INNER DIA.

● R30-6700394	3	Nylon 6-6	72J5964	0.16	0.15
● R30-6700494	4	Nylon 6-6	56K2986	0.27	0.25
● R30-6700594	5	Nylon 6-6	81H5167	0.17	0.16
● R30-6700694	6	Nylon 6-6	72J5968	0.29	0.27
● R30-6700794	7	Nylon 6-6	56K2987	0.30	0.28
● R30-6700894	8	Nylon 6-6	83K1635	0.18	0.16
● R30-6700994	9	Nylon 6-6	56K2988	0.32	0.29
● R30-6701094	10	Nylon 6-6	56K2989	0.20	0.18
● R30-6701194	11	Nylon 6-6	56K2990	0.33	0.31
● R30-6701294	12	Nylon 6-6	56K2991	0.35	0.32
● R30-6701394	13	Nylon 6-6	56K2992	0.35	0.33
● R30-6701494	14	Nylon 6-6	56K2993	0.36	0.34
● R30-6701594	15	Nylon 6-6	72J5967	0.21	0.20
● R30-6701694	16	Nylon 6-6	56K2994	0.38	0.35
● R30-6702094	20	Nylon 6-6	56K2996	0.40	0.37
● R30-6702594	25	Nylon 6-6	56K2997	0.41	0.38

FIGURE 6: HEX 7.0mm A/F, NICKEL PLATED

● R40-1000602	6	Brass	56K3027	0.26	0.24
● R40-1000802	8	Brass	56K3029	0.27	0.25
● R40-1001002	10	Brass	56K3031	0.28	0.26
● R40-1001102	11	Brass	56K3032	0.29	0.26
● R40-1001202	12	Brass	56K3033	0.29	0.27
● R40-1001302	13	Brass	56K3034	0.29	0.27
● R40-1001402	14	Brass	56K3035	0.30	0.28
● R40-1001602	16	Brass	56K3037	0.32	0.29
● R40-1001802	18	Brass	56K3038	0.37	0.34
● R40-1002002	20	Brass	56K3039	0.38	0.35
● R40-1002502	25	Brass	56K3040	0.41	0.38

FIGURE 7: M/F HEX 7.0mm, STUD LENGTH = 7mm, NICKEL PLATED

● R40-3000602	6	Brass	56K3058	0.33	0.31
● R40-3000702	7	Brass	56K3059	0.34	0.32
● R40-3000802	8	Brass	56K3060	0.36	0.34
● R40-3000902	9	Brass	56K3061	0.38	0.35
● R40-3001002	10	Brass	56K3062	0.39	0.36
● R40-3001102	11	Brass	56K3063	0.41	0.38
● R40-3001202	12	Brass	56K3064	0.42	0.39
● R40-3001302	13	Brass	56K3065	0.44	0.40
● R40-3001402	14	Brass	56K3066	0.45	0.41
● R40-3001502	15	Brass	56K3067	0.46	0.43
● R40-3001602	16	Brass	56K3068	0.47	0.44
● R40-3001802	18	Brass	56K3069	0.50	0.46
● R40-3002002	20	Brass	56K3070	0.55	0.51
● R40-3002502	25	Brass	56K3071	0.65	0.60
● R40-3003002	30	Brass	56K3072	0.71	0.65

FIGURE 8: ROUND 6.35mm O/D, 4.4mm INNER DIA., NICKEL PLATED

● R40-6000302	3	Brass	56K3084	0.22	0.20
● R40-6000402	4	Brass	56K3085	0.22	0.20
● R40-6000502	5	Brass	56K3086	0.23	0.21
● R40-6000602	6	Brass	72J5963	0.24	0.22
● R40-6000702	7	Brass	56K3087	0.24	0.23
● R40-6000802	8	Brass	56K3088	0.25	0.23
● R40-6000902	9	Brass	56K3089	0.26	0.24
● R40-6001002	10	Brass	56K3090	0.26	0.24
● R40-6001102	11	Brass	56K3091	0.27	0.25
● R40-6001202	12	Brass	56K3092	0.27	0.25
● R40-6001302	13	Brass	56K3093	0.28	0.26
● R40-6001402	14	Brass	11J0183	0.29	0.27
● R40-6001502	15	Brass	56K3094	0.32	0.29
● R40-6001602	16	Brass	56K3095	0.35	0.32
● R40-6001802	18	Brass	56K3096	0.41	0.38
● R40-6002002	20	Brass	56K3097	0.47	0.44

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HARDWARE – SPACERS • SPACER KITS • SPACER & STANDOFF KITS • HARDWARE – STANDOFFS

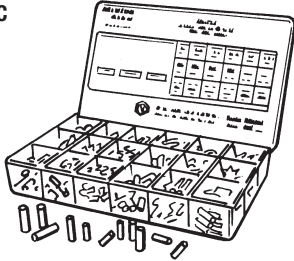
METRIC SPACERS (CONT.)

FIGURE 8: ROUND 6.35mm O/D, 4.4mm INNER DIA., NICKEL PLATED

Mfg. Part No.	Length (mm)	Body Material	Stock No.	Price Each	
				1-49	50-99
● R40-6002502	25	Brass	56K3098	0.57	0.52
● R40-6003002	30	Brass	56K3099	0.66	0.61

(89374)

775 PIECE PLASTIC SPACER ASSORTMENT KIT

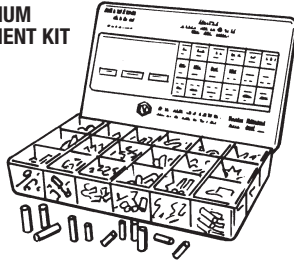


Kit contains 350 round and hex tapped spacers and 425 round thru-hole spacers 1/4" to 1" long for #4, #6 and #8 screws.

Mfg. Part No.	Stock No.	Price Each
8404-HSS	23N3613	113.66

(9300)

450 PIECE ALUMINUM SPACER ASSORTMENT KIT



Kit contains 300 round and hex tapped spacers and 150 round thru-hole spacers 1/4" to 1" long for #4, #6 and #8 screws.

Mfg. Part No.	Stock No.	Price Each
8404-RTA	23N3614	139.22

(9301)

STANDOFF AND SPACER ENGINEERING KITS



Ideal for R&D, prototype, maintenance and low-volume users. Popular lengths for mix-and-match design flexibility. **STR series** kits supplied with threaded female hex and male-female hex standoffs in both aluminum with clear iridite finish and nylon 6/6 materials. **SCR series** kits are supplied with round clear hole spacers in aluminum with clear iridite finish, brass with a nickel finish, nylon 6/6 and flat aluminum precision formed into a round spacer. All kits come in a convenient mini-cabinet with clear plastic drawers.



Each kit contains 25 pieces of each assortment.

Mfg. Part No.	Kit Includes	Stock No.	Price Each
● STR-440	4-40 Threaded 1/4", 1/2", 3/4", and 1" Standoffs and 4-40 Threaded Panhead Screws	65H4616	73.58
● STR-632	6-32 Threaded 1/4", 1/2", 3/4", and 1" Standoffs and 6-32 Threaded Panhead Screws	65H4617	73.58
● STR-832	8-32 Threaded 1/4", 1/2", 3/4", and 1" Standoffs and 8-32 Threaded Panhead Screws	85H0153	73.58
● SCR-4	#4 Clear Hole 1/4", 1/2", 3/4", and 1" Spacers	65H4611	73.58
● SCR-6	#6 Clear Hole 1/4", 1/2", 3/4", and 1" Spacers	65H4612	73.58
● SCR-8	#8 Clear Hole 1/4", 1/2", 3/4", and 1" Spacers	65H4613	73.58

(77702)

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(94650)

290-PIECE NYLON SPACER/STANDOFF ASSORTMENT KIT

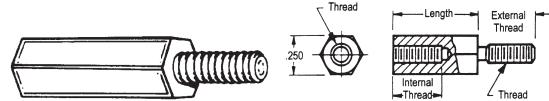


Kit contains 290 pieces including the most popular round and hex spacers and standoffs in threaded and self-tapping versions. Includes a variety of lengths, diameters, and screw sizes in handy storage box. Material: molded nylon.

Mfg. Part No	Description	Stock No.	Price Each
			1-9
● SPC10847	Nylon Spacer Kit	25C5013	106.77

(17040)

HEX MALE/FEMALE THREADED STANDOFFS



• Sold in packages of 100

BRASS, NICKEL PLATED HEX THREADED STANDOFFS

Length (in.)	4-40 Thread			6-32 Thread			8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
	0.250	● 8713	95F3994	46.55	● 8716	95F3995	45.50	...	...
0.375	● 7200	89F1989	51.24	● 7210	89F1976	52.82	● 7220	89F1962	61.11
0.500	● 1944	89F1990	66.36	● 1952	94F686	57.51	● 1957	89F1963	61.71
0.625	● 1945	89F1991	67.41	● 1953	94F687	72.59	● 1958	89F1964	85.12
0.750	● 1946	89F1978	79.91	● 1954	89F1977	76.23	● 1959	89F1965	89.29
0.875	● 7201	89F1979	80.96	● 7211	89F1967	87.19	● 7221	89F1966	97.62
1.000	● 1947	89F1980	89.29	● 1644	89F1968	89.78	● 1960	89F1953	102.31
1.125	● 7202	89F1981	96.57	● 7212	89F1969	95.55	● 7222	89F1954	109.62
1.250	● 1948	89F1982	136.22	● 1955*	94F688	1.19	● 1961	89F1955	136.22
1.375	● 1949	89F1983	139.48	● 1956	89F1970	122.08	● 1962	89F1956	139.48
1.500	● 1950	89F1984	145.95	● 1645	89F1971	123.62	● 1963	89F1957	145.95
1.625	● 7203	89F1973	147.28	● 7214	89F1972	147.28	● 7224	89F1958	147.28
1.750	● 7205	89F1974	164.15	● 7215	89F1960	164.15	● 7225	89F1959	164.15
2.000	● 1951	89F1975	165.48	● 1646	89F1961	165.48	● 1964	89F1924	165.48

ALUMINUM, CLEAR IRIDITE PLATED HEX THREADED STANDOFFS

Length (in.)	4-40 Thread			6-32 Thread			8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
	0.250	● 8714	95F3996	32.90	● 8717	04M4821	36.26	...	...
0.375	● 8400	89F2013	37.10	● 8413	89F2583	38.33	● 8426	02M0714	50.19
0.500	● 8401	89F2014	49.53	● 8414	02M0707	38.82	● 8427	02M0715	51.00
0.625	● 8402	02M0659	54.78	8415	89F2007	48.51	8428	89F1992	54.78
0.750	● 8403	02M0660	55.65	8416	89F2008	48.90	● 8429	02M0716	58.14
0.875	8404	89F2017	60.24	● 8417	89F2009	53.10	● 8430	89F1994	64.44
1.000	● 8405	02M0661	63.63	● 8418	89F2010	55.65	● 8431	02M0717	68.22
1.125	● 8406	02M0662	77.53	● 8419	02M0708	57.30	8432	89F1996	90.93
1.250	● 8407	02M0663	78.33	● 8420	02M0709	61.08	● 8433	02M0718	94.15
1.375	● 8408	89F2578	91.49	● 8421	02M0710	69.09	● 8434	02M0719	101.47
1.500	● 8409	02M0664	93.59	● 8422	02M0711	78.75	● 8435	04M4814	102.52
1.625	● 8410	89F2580	96.22	8423	89F2001	80.01	● 8436	04M4815	103.53
1.750	8411	89F2581	98.35	● 8424	02M0712	83.79	● 8437	04M4816	104.58
2.000	8412	89F2582	101.47	● 8425	02M0713	85.47	● 8438	89F1988	105.70

NYLON 6/6 HEX THREADED STANDOFFS

Length (in.)	4-40 Thread			6-32 Thread			8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
	0.250	● 4800	16F1034	38.08	● 4814	16F1048	38.08	● 4828	16F1062
0.375	● 4801	16F1035	38.82	● 4815	16F1049	38.82	● 4829	16F1063	38.82
0.500	● 4802	16F1036	40.29	● 4816	16F1050	40.29	● 4830	16F1064	40.29
0.625	● 4803	16F1037	41.06	● 4817	16F1051	41.06	● 4831	16F1065	41.06
0.750	● 4804	16F1038	41.83	● 4818	16F1052	41.83	● 4832	16F1066	41.83
0.875	● 4805	16F1039	42.56	● 4819	16F1053	42.56	● 4833	16F1067	42.56
1.000	● 4806	16F1040	43.30	● 4820	16F1054	43.30	● 4834	16F1068	43.30

➔ CONTINUED ➔



HEX MALE/FEMALE THREADED STANDOFFS (CONT.)

Length (in.)	4-40 Thread			6-32 Thread			8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
1.125	4807	16F1041	43.72	4821	16F1055	43.72	4835	16F1069	43.72
1.250	4808	16F1042	44.07	4822	16F1056	44.07	4836	16F1070	44.07
1.375	4809	16F1043	44.77	4823	16F1057	44.77	4837	16F1071	44.77
1.500	4810	16F1044	45.54	4824	16F1058	45.54	4838	16F1072	45.54
1.625	4811	16F1045	46.27	4825	16F1059	46.27	4839	16F1073	46.27
1.750	4812	16F1046	47.04	4826	16F1060	47.04	4840	16F1074	47.04
2.000	4813	16F1047	47.78	4827	16F1061	47.78	4841	16F1075	47.78

STAINLESS STEEL, HEX THREADED STANDOFFS

0.250	8712*	50F4710	1.92	8715	95F3998	155.79	...	...	...
0.375	2087*	95F3999	192.71	2119	95F4000	161.48	...	...	...
0.500	2088*	95F4002	201.10	2120	95F4003	173.47	...	...	...
0.625	2089*	95F4005	205.38	2121	95F4006	178.47	...	...	...
0.750	2090*	95F4008	213.71	2122	95F4009	205.42	...	...	...

METRIC BRASS, NICKEL PLATE HEX THREADED STANDOFFS, 5mm O.D.

Length (mm)	Mfg. Part No.	Stock No.	Price Each	
			1-4	...
10	4313	97H7550	77.07	...
12	4314	97H7551	79.00	...
15	4315	97H7552	82.36	...
20	4317	97H7554	91.32	...

METRIC BRASS, NICKEL PLATE HEX THREADED STANDOFFS, 5.5mm O.D.

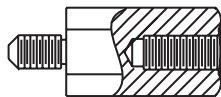
10	4319	80K8324	79.80	...
12	4320	80K8325	82.04	...
15	4321	80K8326	86.45	...
18	4322	80K8327	93.52	...
20	4323	80K8328	96.57	...
25	4324	80K8329	106.65	...

Passivated stainless steel threaded standoff is also available; go online or call \* Sold in each (9282)

1/4" O.D. BRASS MALE/FEMALE STANDOFFS



ABBATRON HH Smith



SOLD IN PACKAGES OF 100

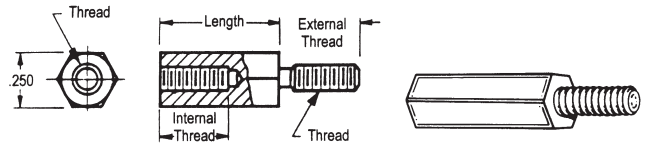
Body Length (in.)	4-40 Thread			6-32 Thread			8-32 Thread		
	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4	Mfg. Part No.	Stock No.	Price per Pkg. 1-4
0.25	8216	81F4262	71.05	8248	81F4278	62.28	8280	81F4294	47.30
0.375	8217	81F4263	75.12	8249	81F4279	63.35	8281	81F4295	46.66
0.5	8218	81F4264	81.11	8250	81F4280	63.78	8282	81F4296	63.78
0.625	8219	81F4265	88.39	8251	81F4281	65.70	8283	81F4297	72.34
0.75	8220	81F4266	98.87	8252	81F4282	76.19	8284	81F4298	80.90
0.875	8221	81F4267	102.51	8253	81F4283	94.38	8285	81F4299	83.46
1	8222	81F4268	106.36	8254	81F4284	90.10	8286	81F4300	99.51

SOLD IN PACKAGES OF 25

1.125	8223	50F206	27.50	8255	98F3605	25.58	8287	50F210	25.63
1.25	8224	50F207	28.68	8256	98F3555	25.58	8288	50F211	28.25
1.375	8225	81F4271	28.84	8257	98F3245	27.66	8289	98F3610	31.03
1.5	8226	98F3462	31.78	8258	98F3246	20.07	8290	98F3550	31.14
1.625	8227	27K6542	32.85	8259	50F208	31.03	8291	50F212	31.46
1.75	8228	27K6543	34.35	8260	50F209	31.46	8292	98F2929	26.65
2	8229	98F2808	36.97	8261	98F2696	32.96	8293	50F213	36.22
2.5	8230	98F2933	42.48	8262	98F2928	34.51	8294	98F3460	40.13
3	8231	98F3458	48.26	8263	98F2869	51.20	8295	98F3606	43.07

(9941)

THREADED MALE/FEMALE STANDOFFS



Sold in packages of 100.

1/4" OUTER DIAMETER HEX ALUMINUM STANDOFFS — IRIDITE FINISH

Length (in.)	4-40 Thread*			6-32 Thread†		
	Mfg. Part No.	Stock No.	Price Each 1-4	Mfg. Part No.	Stock No.	Price Each 1-4
0.25	SPC21573	11M2190	25.51	2732	...	30.22
0.25	SPC21573	11M2190	25.51	SPC21579	11M2196	30.22
0.375	2713	...	27.47	2719	...	31.79
0.375	SPC21575	11M2192	27.47	SPC21581	11M2198	31.79
0.5	2714	...	42.39	2720	...	30.22
0.5	SPC21572	11M2189	42.39	SPC21578	11M2195	30.22
0.625	2715	...	45.13	2721	...	40.03
0.625	SPC21576	11M2193	45.13	SPC21582	11M2199	40.03
0.75	2716	...	45.92	2722	...	40.82
0.75	SPC21574	11M2191	45.92	SPC21580	11M2197	40.82
0.875	2717	92N5259	47.47	2723	...	43.96
0.875	...	...	...	SPC21583	11M2200	43.96
1	2718	...	47.47	2724	...	45.92
1	SPC21571	11M2188	47.47	SPC21577	11M2194	45.92

Length (in.)	8-32 Thread‡		
	Mfg. Part No.	Stock No.	Price Each 1-4
0.875	SPC21588	11M2205	52.98
0.375	SPC21587	11M2204	41.60
0.5	SPC21585	11M2202	42.39
0.625	2727	92N5269	45.13
0.75	SPC21586	11M2203	47.88
1	SPC21584	11M2201	56.12

1/4" OUTER DIAMETER HEX BRASS STANDOFFS — ZINC PLATED

Length (in.)	4-40 Thread*			6-32 Thread†		
	Mfg. Part No.	Stock No.	Price Each 1-4	Mfg. Part No.	Stock No.	Price Each 1-4
0.25	HMFB-4-250A	93N2190	42.38	HMFB-6-250A	93N2193	42.38
0.375	HMFB-4-375A	93N2191	36.44	HMFB-6-375A	93N2194	36.44
0.5	HMFB-4-500A	93N2192	36.34	HMFB-6-500A	93N2195	36.34
0.625	2756	92N5298	55.13	2759	92N5301	55.13
0.75	2757	92N5299	48.90	HMFB-6-750A	93N2196	48.90
1	2758	92N5300	63.67	HMFB-6-1000A	93N2197	63.67

Length (in.)	8-32 Thread‡		
	Mfg. Part No.	Stock No.	Price Each 1-4
0.375	2761	92N5303	48.59
0.5	HMFB-8-500A	93N2203	47.29
0.75	HMFB-8-750A	93N2204	62.83
1	HMFB-8-1000A	93N2205	66.64

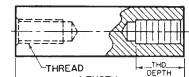
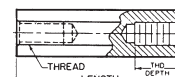
\*Thread depth: 0.187" external/0.250" internal; †Thread depth: 0.250" external/0.375" internal; ‡Thread depth: 0.375" external/internal. (17751)

1/4" O.D. ALUMINUM STANDOFFS



ABBATRON HH Smith

Tap each end — 4-40: 0.250"; 6-32: 0.375"; 8-32: 0.437". Iridite finish seals and protects aluminum surface. Sold in packages of 100.



ROUND THREADED STANDOFFS — FIG. 1

Body Length (in.)	#4 Hole		#6 Hole		#8 Hole		Price per Pkg. 1-4
	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	
0.25	8321	26M8405	8341	67F4077	8361	67F4093	43.66
0.375	8322	67F4062	8342	67F4078	8362	67F4094	43.45
0.5	8323	67F4063	8343	19M8536	8363	67F4095	37.45
0.625	8324	67F4064	8344	67F4080	8364	67F4096	32.96
0.75	8325	26M8407	8345	67F4081	8365	26M8409	41.73
1	8327	67F4067	8347	26M8408	8367	26M8410	80.25

HEX THREADED STANDOFFS — FIG. 2

0.25	8401	19M8537	8421	26M8414	8441	67F4125	23.33
0.375	8402	19M8538	8422	67F4118	8442	67F4126	32.96

▶ CONTINUED ▶

HARDWARE – STANDOFFS

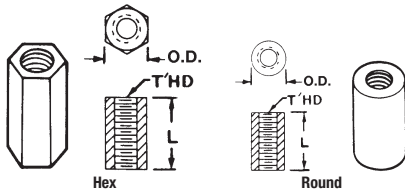
1/4" O.D. ALUMINUM STANDOFFS (CONT.)

HEX THREADED STANDOFFS — FIG. 2

Body Length (in.)	#4 Hole		#6 Hole		#8 Hole		Price per Pkg. 1-4
	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	
0.5	● 8403	19M8539	● 8423	26M8415	● 8443	26M8417	38.95
0.625	● 8404	26M8411	● 8424	26M8416	● 8444	67F4128	65.27
0.75	● 8405	26M8412	● 8425	29K5952	● 8445	26M8418	69.13
0.875	● 8406	67F4114	● 8426	67F4122	● 8446	67F4130	43.87
1	● 8407	67F4115	● 8427	67F4123	● 8447	67F4131	35.74

(85710)

THREADED STANDOFFS



- Sold in packages of 100
- Thread size 2-56, 4-40, 6-32, 8-32

ALUMINUM IRIDITE FINISH

Thrd. Size	O.D. (in.)	Lgth. (in.)	Hex			Round		
			Mfg. Part No.	Stk. No.	Price/Pkg. 1-4	Mfg. Part No.	Stk. No.	Price/Pkg. 1-4
2-56	0.156	0.187	1797A	97H7543	47.50	...	...	...
2-56	0.156	0.25	1797B	97H7544	50.87	...	...	...
2-56	0.156	0.312	1797C	97H7545	52.87	...	...	...
2-56	0.156	0.375	1797D	97H7546	40.50	...	...	...
4-40	0.187	0.25	● 1891	97H7547	25.88	...	...	...
4-40	0.187	0.375	● 1892	01M9947	30.15	...	...	...
4-40	0.187	0.5	● 1893	01M9948	33.04	● 2027	97H7549	32.27
4-40	0.187	0.75	● 1895	01M9949	42.55	...	...	...
4-40	0.250	0.25	2201	89F1946	25.09	3478	89F1931	22.91
4-40	0.250	0.375	● 2202	02M0022	27.88	3479	89F2638	25.18
4-40	0.250	0.5	● 2203	89F1952	30.70	● 3480	02M0153	28.09
4-40	0.250	0.625	● 1808	01M9929	32.98	1839	89F2640	30.37
4-40	0.250	0.75	● 2204	02M0023	37.06	3481	89F2641	33.93
4-40	0.250	0.875	● 1809	01M9933	41.97	1846	89F2642	41.42
4-40	0.250	1	2205	89F1943	46.67	● 3482	02M0154	45.59
4-40	0.250	1.5	● 2206	89F1925	78.41	● 3483	89F2644	75.89
4-40	0.250	2	2207	89F1928	90.23	3484	89F2631	87.68
6-32	0.250	0.25	● 2208	89F1947	25.09	3485	89F2632	22.91
6-32	0.250	0.375	● 2209	02M0024	27.88	3486	89F2633	25.18
6-32	0.250	0.5	● 2210	02M0025	30.70	● 3487	02M0155	28.09
6-32	0.250	0.625	● 1813	01M9941	34.79	● 1847	89F2635	33.10
6-32	0.250	0.75	● 2211	89F1938	37.06	● 3488	02M0156	33.93
6-32	0.250	0.875	● 1816	89F1941	39.36	1848	89F2637	37.09
6-32	0.250	1	2212	89F1944	46.67	● 3489	02M0157	45.59
6-32	0.250	1.25	● 1818	99F3931	69.63	...	...	...
6-32	0.250	1.5	2213	89F1926	78.41	3490	89F2625	75.89
6-32	0.250	2	● 2214	89F1929	1.11	3491	89F2626	87.68
8-32	0.250	0.25	2215	89F1948	25.09	3492	89F2627	22.91
8-32	0.250	0.375	● 2216	89F1951	27.88	3493	89F2628	25.18
8-32	0.250	0.5	● 2217	89F1933	30.70	3494	89F2629	28.09
8-32	0.250	0.625	● 1827	89F1936	33.71	1858	89F2630	30.37
8-32	0.250	0.75	● 2218	89F1939	36.23	3495	89F2618	33.93
8-32	0.250	0.875	1828	89F1942	44.64	1859	89F2619	37.09
8-32	0.250	1	● 2219	02M0026	46.67	3496	89F2620	45.59
8-32	0.250	1.5	● 2220	89F1927	78.41	...	...	...
8-32	0.250	2	● 2221	89F1930	90.23	3498	89F2622	87.68

HEX-THREADED BRASS ZINC PLATE

Mfg. Part No.	Thread Size	O.D. (in.)	Length (in.)	Stk. No.	Price per Pkg.
					1-4
● 1657B*	4-40	0.187*	1	97H7542	83.11
● 1450A	4-40	0.250	0.25	89F2591	33.10
● 1450B	4-40	0.250	0.375	89F2592	41.08
● 1450C	4-40	0.250	0.5	89F2593	47.25
● 1829	4-40	0.250	0.625	89F2594	63.28
● 1450D	4-40	0.250	0.75	89F2595	72.18
● 1830	4-40	0.250	0.875	89F2596	76.63
● 1450E	4-40	0.250	1	89F2597	81.02
● 1831	4-40	0.250	1.5	89F2570	152.00
● 1832	4-40	0.250	2	89F2571	155.75
● 1451A	6-32	0.250	0.25	89F2567	33.10

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THREADED STANDOFFS (CONT.)

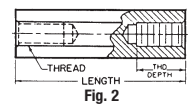
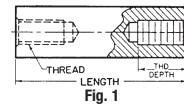
Mfg. Part No.	Thread Size	O.D. (in.)	Length (in.)	Stk. No.	Price per Pkg.
					1-4
● 1451B	6-32	0.250	0.375	89F2568	41.08
● 1451C	6-32	0.250	0.5	89F2569	47.25
● 1451D	6-32	0.250	0.625	89F4508	63.28
● 1451E	6-32	0.250	0.75	89F2693	72.18
● 1833	6-32	0.250	0.875	89F4509	75.10
● 1635	6-32	0.250	1	89F2694	81.02
● 1637	6-32	0.250	1.5	89F2560	121.18
● 1639	6-32	0.250	2	89F2561	155.75
● 1474A	8-32	0.250	0.25	89F2680	31.56
● 1474B	8-32	0.250	0.375	89F2681	41.08
● 1474C	8-32	0.250	0.5	89F2682	47.25
● 1834	8-32	0.250	0.625	89F2683	63.28
● 1474D	8-32	0.250	0.75	89F2684	72.18
● 1836	8-32	0.250	0.875	89F2685	76.63
● 1474E	8-32	0.250	1	89F2672	81.02
● 1837	8-32	0.250	1.5	89F2673	152.00
● 1838	8-32	0.250	2	89F2674	155.75

\* Round-Threaded (9280)

1/4" O.D. BRASS STANDOFFS



Maximum standoff thread depths: tap each end (Fig. 1 and 2) — 4-40: 0.250"; 6-32: 0.375"; 8-32: 0.437". See 1/4" O.D. Aluminum Spacers and Standoff separately on page 1962 for drawings. Sold in packages of 100.



ROUND THREADED STANDOFFS — FIG. 1

Body Length (in.)	4-40 Thread		Price per Pkg. 1-4	6-32 Thread		Price per Pkg. 1-4	8-32 Thread		Price per Pkg. 1-4
	Mfg. Part No.	Stock No.		Mfg. Part No.	Stock No.		Mfg. Part No.	Stock No.	
0.5	● 2372	35F551	47.08	● 2122	35F554	53.72	● 2127	35F558	46.87
0.75	● 2373	35F552	101.87	● 2123	35F555	84.32	● 2128	35F559	45.59
1	● 2374	35F885	78.54	● 2124	35F562	112.35	● 2129	35F560	47.51

HEX THREADED STANDOFFS — FIG. 2

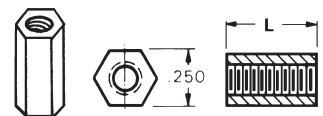
0.25	● 2330	67F4158	45.80	● 2320	35F871	51.15	● 2325	67F4164	33.39
0.375	● 2331	67F4159	41.31	● 2321	67F4163	53.50	● 2326	67F4165	55.86
0.5	● 2332	67F4160	37.67	● 2322	35F872	42.59	● 2327	67F4166	59.71
0.75	● 2333	67F4161	83.25	● 2323	35F873	78.11	● 2328	67F4167	86.46
1	● 2334	67F4162	106.15	● 2324	35F874	90.10	● 2329	67F4168	112.57

(9294)

NYLON THREADED HEX STANDOFFS



O. D. for all versions: 0.250". Standoffs also available as round PBE Grade Natural Color Phenolic. Go online or call. Sold in packages of 100.



NYLON - HEX THREADED - UL 94 V-0

Length (in.)	4-40 Thread		6-32 Thread		8-32 Thread		Price per Pkg. 1-4
	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	
0.25	● 1902A	94F4404	● 1903A	94F4405	● 1904A	94F4406	41.45
0.375	● 1902B	94F4407	● 1903B	94F4408	● 1904B	94F4409	42.38
0.5	● 1902C	94F4192	● 1903C	94F4528	● 1904C	94F4410	44.09
0.625	● 1902F	94F9840	● 1903F	16F2043	● 1904F	16F2045	38.59
0.75	...	94F4411	● 1903D	94F4413	● 1904D	94F4414	56.24
0.875	● 1902G	16F2042	● 1903G	16F2044	● 1904G	16F2046	43.29
1	● 1902E	94F4415	● 1903E	94F4416	● 1904E	94F4417	56.57

(9398)

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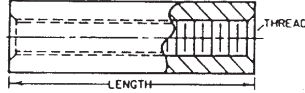
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**ROUND THREADED NYLON STANDOFFS**



**ABBATRON HH Smith**

Standoffs available in 4-40, 6-32, and 8-32 threaded holes. 0.75" (19.05) long, tap is 0.375" (9.53) from each end, not continuous. Sold in packages of 100.



Length (in.)	4-40 Thread		6-32 Thread		8-32 Thread		Price per Pkg.
	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	
0.25	4050	30F1457	4051	30F1458	4052	30F1459	27.61
0.375	4055	95H6134	4054	30F1461	4055	95H6134	26.54
0.5	4056	30F1463	4057	30F1464	...	...	27.82
0.75	4061	30F1468	4060	30F1467	4061	30F1468	29.11
1	4062	30F1469	4063	30F1470	...	...	30.82

(9287)

**HINGED STANDOFFS**



**KEYSTONE ELECTRONICS CORP.** An ISO 9001 Certified Company

- Material: Brass per ASTM-B16, Finish Zinc plate and Gold Iridite

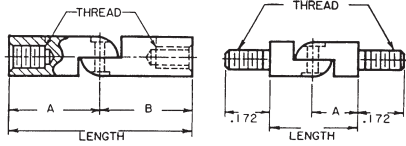


FIGURE 1 FEMALE/FEMALE HINGE - FIG. 1

Fig. 1

Fig. 2

Mfg. Part No.	Thread Size	Diameter	Dim A Length	Dim B Length	Stock No.	Price Each
351	4-40	.187"	.375"	.375"	59K0403	1.31
353	6-32	.250"	.375"	.375"	92F057	1.86
354	6-32	.250"	.375"	.625"	59K0404	1.90
331	6-32	.250"	.625"	.625"	50B4573	1.94
355	8-32	.250"	.375"	.375"	92F059	1.69

FIGURE 2 MALE/MALE HINGE - FIG. 2

357	4-40	.187"	.250"	...	58K3099	1.76
358	6-32	.250"	.250"	...	92F062	1.82
359	8-32	.250"	.250"	...	58K3100	2.05

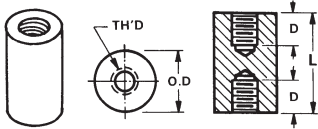
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**THREADED ROUND CERAMIC STANDOFFS - MILITARY GRADE**



**KEYSTONE ELECTRONICS CORP.** An ISO 9001 Certified Company

Made of Grade L-5 Steatite Material. Sold in packages of 10.



MIL-SPEC No.	Mfg. Part No.	Length "L" (in.)	O.D. (in.)	Thread Size	Thread Depth "D" (in.)	Stock No.	Price per Pkg.	
							1-4	5-9
NL-523W01-004	7661	0.5	0.375	6-32	0.156	83F8072	25.02	23.99
NL-523W01-005	7662	0.625	0.375	6-32	0.250	83F8073	25.61	24.56
NL-523W01-006	7664	0.75	0.375	6-32	0.250	83F8075	27.46	26.33
NL-523W01-008	7666	1	0.375	6-32	0.375	83F8077	28.57	27.40
NL-523W01-010	7669	1.25	0.375	6-32	0.375	83F8080	29.74	28.52
NL-523W01-012	7672	1.5	0.375	6-32	0.375	83F8083	32.11	30.79
NL-523W01-016	7676	2	0.375	6-32	0.375	83F8087	35.70	34.24
NL-523W02-005	7663	0.625	0.500	8-32	0.187	83F8074	27.46	26.33
NL-523W02-006	7665	0.75	0.500	8-32	0.250	83F8076	28.09	26.94
NL-523W02-008	7667	1	0.500	8-32	0.375	83F8078	29.74	28.52
NL-523W02-010	7670	1.25	0.500	8-32	0.375	83F8081	30.94	29.67
NL-523W02-012	7673	1.5	0.500	8-32	0.375	83F8084	34.52	33.11
NL-523W02-016	7677	2	0.500	8-32	0.375	83F8088	38.10	36.54
NL-523W03-008	7668	1	0.750	10-32	0.375	83F8079	45.94	44.05
NL-523W03-012	7674	1.5	0.750	10-32	0.375	83F8085	51.03	48.94
NL-523W03-016	7678	2	0.750	10-32	0.375	83F8089	56.10	53.79
NL-523W04-010	7671	1.25	1.000	1/4-20	0.437	83F8082	67.77	64.99
NL-523W04-012	7675	1.5	1.000	1/4-20	0.500	83F8086	76.05	72.93

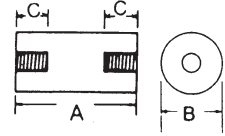
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**ROUND CERAMIC STANDOFFS**



**ABBATRON HH Smith**

Made of grade L-5 Steatite material. Good in compression or tension. Perform well in high temperatures. Available commercial and military grades.



**MILITARY TYPES**

Mfg. Part No.	Military Number	Thread	Length (in.)	O.D. (in.)	Thread Depth (in.)	Pkg. Qty.	Stock No.	Price per Pkg.
2600†	NL-523W01-004	6-32	0.5	0.375	0.156	25	98F3553	107.43
2601†	NL-523W01-005	6-32	0.625	0.375	0.250	25	67F4208	110.54
2602†	NL-523W01-006	6-32	0.75	0.375	0.250	25	98F3243	116.79
2603§	NL-523W01-008	6-32	1	0.375	0.375	1	67F4210	4.88
2604§	NL-523W01-010	6-32	1.25	0.375	0.375	1	67F4211	5.13
2605§	NL-523W01-012	6-32	1.5	0.375	0.375	1	67F4212	5.59
2606§	NL-523W01-016	6-32	2	0.375	0.375	1	67F4213	6.22
2607*	NL-523W02-005	8-32	0.625	0.500	0.187	5	98F3468	23.57
2608*	NL-523W02-006	8-32	0.75	0.500	0.250	5	98F3558	24.40
2609§	NL-523W02-008	8-32	1	0.500	0.375	1	67F4216	5.13
2610§	NL-523W02-010	8-32	1.25	0.500	0.375	1	67F4217	5.30
2611§	NL-523W02-012	8-32	1.5	0.500	0.375	1	67F4218	5.59
2612§	NL-523W02-016	8-32	2	0.500	0.375	1	67F4219	6.72
2613§	NL-523W02-020	8-32	2.5	0.500	0.375	1	67F4220	7.12
2615§	NL-523W03-008	10-32	1	0.750	0.375	1	50F4910	5.88
2616§	NL-523W03-010	10-32	1.25	0.750	0.375	1	81F4346	6.14
2617§	NL-523W03-012	10-32	1.5	0.750	0.375	1	81F4347	6.67
2618§	NL-523W03-016	10-32	2	0.750	0.375	1	81F4348	7.30
2622§	NL-523W04-010	1/4-20	1.25	1.000	0.437	1	94F1634	9.22

**COMMERCIAL TYPES**

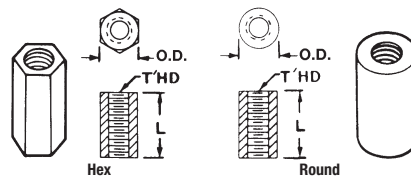
Mfg. Part No.	Thread	Length (in.)	O.D. (in.)	Thread Depth (in.)	Pkg. Qty.	Stock No.	Price per Pkg.
2640†	6-32	0.25	0.250	Thru	25	67F4222	102.19
2641†	6-32	0.5	0.250	0.156	25	98F3040	106.36
2642†	6-32	0.375	0.375	0.156	25	67F4224	93.84
2643†	6-32	0.5	0.375	0.187	25	98F2931	102.19
2644§	6-32	0.5	0.500	0.140	1	98F309	4.43
2645†	6-32	0.75	0.500	0.250	25	98F677	116.79
2646§	6-32	1	0.500	0.375	1	67F4228	4.93
2647§	6-32	1.5	0.500	0.437	1	67F4229	5.38
2649§	1/4-20	2.5	0.750	0.750	1	67F4231	8.22

\*Package of 5; †Package of 25; § Each (9288)

**THREADED FEMALE/FEMALE STANDOFFS**



**SPC TECHNOLOGY**



Sold in packages of 100.

**1/4" OUTER DIAMETER HEX BRASS STANDOFFS - ZINC-PLATED**

Dim. L (in.)	4-40 Thread		Price per Pkg.	6-32 Thread		Price per Pkg.
	Mfg. Part No.	Stock No.		Mfg. Part No.	Stock No.	
0.25	HTB-4-250A	93N2159	29.54	HTB-6-250A	93N2164	32.32
0.375	HTB-4-375A	93N2160	39.40	HTB-6-375A	93N2165	26.25
0.5	HTB-4-500A	93N2161	32.83	HTB-6-500A	93N2166	30.10
0.75	HTB-4-750A	93N2162	67.44	HTB-6-750A	93N2167	44.87
1	HTB-4-1000A	93N2163	78.20	HTB-6-1000A	93N2168	60.19
1.5	2749	92N5291	105.20	2745	92N5287	85.99
2	...	...	...	2746	92N5288	120.38

**1/4" OUTER DIAMETER HEX ALUMINUM STANDOFFS - IRIDITE FINISH, MEETS MIL-C-5541 SPECS.**

0.625	SPC21553	11M2170	37.58	SPC21558	11M2175	50.99
0.875	SPC21554	11M2171	44.01	SPC21559	11M2176	64.58
0.625	...	...	...	SPC21562	11M2179	30.86
0.875	...	...	...	SPC21563	11M2180	45.18
0.25	HTA-4-250A	...	19.76	HTA-6-250A	...	16.53
0.25	SPC21550	11M2167	19.76	SPC21557	11M2174	16.53
0.375	HTA-4-375A	...	18.82	HTA-6-375A	...	20.69
0.375	SPC21552	11M2169	18.82	SPC21561	11M2178	20.69

CONTINUED



HARDWARE – STANDOFFS • HARDWARE – WASHERS & BUSHINGS

**THREADED FEMALE/FEMALE STANDOFFS (CONT.)**

1/4" OUTER DIAMETER HEX ALUMINUM STANDOFFS – IRIDITE FINISH, MEETS MIL-C-5541 SPECS.

Dim. L (in.)	4-40 Thread		Price per Pkg.	6-32 Thread		Price per Pkg.
	Mfg. Part No.	Stock No.		1-4	Mfg. Part No.	
0.5	● SPC21549	11M2166	28.47	● SPC21556	11M2173	22.52
0.75	● SPC21551	11M2168	30.81	● SPC21560	11M2177	24.82
1	● SPC21548	11M2165	41.34	● SPC21555	11M2172	33.10

1/4" OUTER DIAMETER ROUND ALUMINUM STANDOFFS – IRIDITE FINISH, MEETS MIL-C-5541 SPECS.

Dim. L (in.)	Mfg. Part No.	Stock No.	Price per Pkg.	
			1-4	10-49
0.25	● SPC21591	11M2208	20.23	...
0.375	RTA-4-375A		23.92	RTA-6-375A
0.375	● SPC21595	11M2212	20.23	● SPC21602
0.5	RTA-4-500A		24.82	RTA-6-500A
0.5	● SPC21590	11M2207	24.82	● SPC21598
0.625	● SPC21596	11M2213	34.45	● SPC21603
0.75	RTA-4-750A		34.03	RTA-6-750A
0.75	● SPC21594	11M2211	34.03	● SPC21601
1	● SPC21589	11M2206	35.82	● SPC21597
1.5	● SPC21592	11M2209	59.74	● SPC21599
2	● SPC21592	11M2210	71.38	● SPC21600

Dim. L (in.)	8-32 Thread		Price per Pkg.
	Mfg. Part No.	Stock No.	
0.25	● HTB-8-250A	93N2169	31.72
0.375	● HTB-8-375A	93N2170	39.91
0.5	● HTB-8-500A	93N2171	41.02
0.75	● HTB-8-750A	93N2172	60.19
1	● HTB-8-1000A	93N2173	78.20
1.5	● 2754	92N5296	138.62
2	● 2755	92N5297	143.13

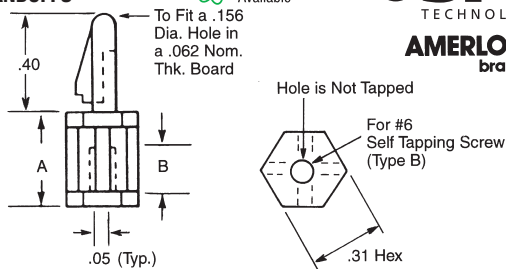
1/4" OUTER DIAMETER HEX ALUMINUM STANDOFFS – IRIDITE FINISH, MEETS MIL-C-5541 SPECS.

Dim. L (in.)	Mfg. Part No.	Stock No.	Price per Pkg.	
			1-4	10-49
0.625	● SPC21570	11M2187	34.40	
2	● SPC21567	11M2184	83.27	
1.5	● SPC21566	11M2183	78.60	
0.375	HTA-8-375A	93N2148	27.58	
0.375	● SPC21569	11M2186	27.58	
0.5	● SPC21565	11M2182	30.81	
0.75	● SPC21568	11M2185	28.94	
1	● SPC21564	11M2181	41.34	

1/4" OUTER DIAMETER ROUND ALUMINUM STANDOFFS – IRIDITE FINISH, MEETS MIL-C-5541 SPECS.

Dim. L (in.)	Mfg. Part No.	Stock No.	Price per Pkg.	
			1-4	10-49
0.75	RTA-8-750A	93N2134	38.72	
(9298) 0.75	● SPC21606	11M2223	38.72	
1.5	● SPC21604	11M2221	57.86	
2	● SPC21605	11M2222	86.25	

**SCREW-FASTENED PC BOARD STANDOFFS**

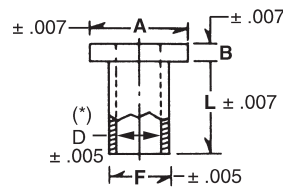


Insert #6 self-tapping screw through chassis and into support. Snap PC board over top of support's tapered head. Tension flange holds PC board in place; squeeze flange for board removal. Material: nylon. Color: natural. Sold in packages of 100.

Mfg. Part No.	Dimensions		Stock No.	Price per Pkg.	
	A	B		1-4	5-9
● SPCS-4	0.250" (6.35)	0.203" (5.16)	23N3975	24.31	20.50
● SPCS-6	0.375" (9.53)	0.313" (7.95)	23N3976	24.71	20.83
● SPCS-8	0.500" (12.70)	0.313" (7.95)	23N3977	25.16	21.21
● SPCS-12	0.750" (19.05)	0.313" (7.95)	23N3978	27.83	23.47
● SPCS-14	0.875" (22.23)	0.313" (7.95)	95N4041	29.31	24.71

(9427)

**SCREW INSULATOR/BUSHINGS**



Used with high-strength, noninsulated screws. Wide flange isolates screw from mounting surface. Can also be used as a lightweight load bearing. Requires no lubrication. Constructed of nylon. Color: natural. Sold in packages of 100.

Mfg. Part No.	Length	Dimensions				Stock No.	Price per Pkg.	
		Size	L	A	B		F	1-9
● SIB-0403*	#4	0.046"	0.235"	0.047"	0.145"	28F1910	12.74	10.75
● SIB-0406*	#4	0.093"	0.235"	0.047"	0.145"	28F1912	12.74	10.75
● SIB-0616**	#6	0.250"	0.290"	0.047"	0.170"	28F1915	12.79	10.79

\* 0.115 (32985) \*\* 0.140

**WASHERS**



SHOULDER WASHERS – BLACK VULCANIZED FIBER

Mfg. Part No.	Screw Size	O.D.	Pkg. of	Stock No.	Price per Pkg.	
					1-9	10-49
● SPC21878	No. 4	9/32"	100	18M6059	6.85	
● SPC21879	No. 6	5/16"	100	18M6060	7.34	
● SPC21880	No. 8	3/8"	100	18M6061	7.83	
● SPC21881	No. 10	7/16"	100	18M6062	8.32	
● SPC21882	1/4"	1/2"	100	18M6063	14.63	

FLAT WASHERS – NICKEL PLATED STEEL

Mfg. Part No.	Screw Size	O.D.	Pkg. of	Stock No.	Price per Pkg.	
					1-9	10-49
● SPC21883	No. 4	9/32"	100	18M6064	3.18	
● SPC21884	No. 6	3/8"	100	18M6065	6.75	
● SPC21885	No. 8	7/16"	100	18M6066	3.67	
● SPC21886	No. 10	1/2"	100	18M6067	3.13	
● SPC21887	1/4"	5/8"	100	18M6068	7.93	

EXTERNAL TOOTH LOCKWASHERS – ZINC PLATED

Mfg. Part No.	Screw Size	O.D.	Pkg. of	Stock No.	Price per Pkg.	
					1-9	10-49
WLE-04-016-SC	No. 4	17/64"	100	30F644	3.08	
● SPC21888	No. 6	9/32"	100	18M6069	4.89	
● SPC21889	No. 8	21/64"	100	18M6070	5.38	
● SPC21890	No. 10	3/8"	100	18M6071	5.87	
● SPC21891	1/4"	19/32"	100	18M6072	7.78	

SPLIT TYPE LOCKWASHERS – ZINC PLATED STEEL

Mfg. Part No.	Screw Size	O.D.	Pkg. of	Stock No.	Price per Pkg.	
					1-9	10-49
WLS-04-017-SZ	No. 4	17/64"	100	31F2160	2.60	
WLS-06-018-SZ	No. 6	9/32"	100	31F2161	2.84	
WLS-10-024-SZ	No. 10	3/8"	100	31F2163	2.06	

INTERNAL TOOTH LOCKWASHERS – ZINC PLATED

Mfg. Part No.	Screw Size	O.D.	Pkg. of	Stock No.	Price per Pkg.	
					1-9	10-49
WLI-02-012-SC	No. 2	3/16"	100	31F2243	6.31	
WLI-04-017-SC	No. 4	17/64"	100	31F2245	2.60	
WLI-06-018-SC	No. 6	9/32"	100	31F2246	2.69	
WLI-08-021-SC	No. 8	21/64"	100	31F2247	2.84	
WLI-10-024-SC	No. 10	3/8"	100	31F2248	2.89	
WLI-25-030-SC	1/4"	19/32"	100	31F2249	6.31	
● SPC21892	3/8"	11/16"	100	18M6073	12.18	

(9305)

**SEELOC® WASHERS**



**APM HEXSEAL**



Stainless Steel, vibration-resistant washers with silicone rubber seal. Designed for use with regular screws or bolts for sealing panels and cases having large clearance holes or slots. Temperature range: -160°F to +500°F. Resistant to salt water, acids, weather, sunlight, ozone, etc. The rubber section should always face the panel. Pressure range exceeds 100psi internal and external.

Mfg. Part No.	For Thread Size	Washer O.D. (in.)	Stock No.	Price Each	
				1-49	50-99
● 75801	#8	0.5	97H7963	2.71	
● 75802	#8	1	97H7964	2.90	
● 75082	1/4	1	97H7960	2.90	

➔ CONTINUED ➔