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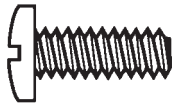


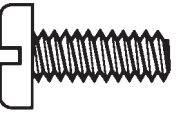

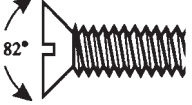
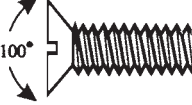

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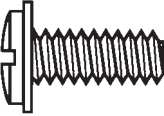
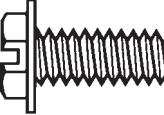






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NYLON SCREW HEAD STYLES

TO ORDER: COMBINE PART FROM BELOW & CODE FROM THE FOLLOWING PAGE

PART	DESCRIPTION	HEAD STYLE
S11	BINDING HEAD SLOTTED	
S12	ROUND HEAD SLOTTED	
S13	FILLISTER HEAD SLOTTED	
S14	PAN HEAD SLOTTED	
S16	HEX HEAD UNSLOTTED	
S17	FLAT HEAD 82° SLOTTED	
S18	FLAT HEAD 100° SLOTTED	
S19	OVAL HEAD 82° SLOTTED	

PART	DESCRIPTION	HEAD STYLE
S20	WASHER HEAD SLOTTED	
S21	HEX WASHER HEAD SLOTTED	
S26	HEX HEAD SLOTTED	
S46	SLOTTED SET SCREW	
S22	COMB. HEX SOCKET/SLOTTED SET SCREW	
S23	PLAIN SLOTTED SET SCREW	
S24	OVAL PT. COMB. HEX SOCKET/SLOTTED SET SCREW	
S27	PLAIN PT. HEX SOCKET SET SCREW	

- Not all head styles available in all sizes
- Tolerances meet I.F.I. standards
- Also available in glass-filled nylon, polypropylene, ABS, polycarbonate, acetal, Isoplast.
- Phillips Drive available in some head styles

NYLON MOLDED SCREWS & SET SCREWS

CODE	THREAD	LENGTH
001	00-90	1/2
002	0-80	3/32
003	0-80	1/8
004	0-80	3/16
005	0-80	7/32
006	0-80	1/4
007	0-80	9/32
008	0-80	3/8
009	0-80	7/16
010	0-80	1/2
011	0-80	17/32
012	1-72	1/8
013	1-72	1/4
014	1-72	9/32
015	1-72	5/16
016	1-72	3/8
017	1-72	7/16
018	1-72	1/2
019	1-72	9/16
020	2-56	1/8
021	2-56	3/16
022	2-56	1/4
023	2-56	9/32
024	2-56	5/16
025	2-56	3/8
026	2-56	1/2
027	2-56	5/8
028	2-56	21/32
029	2-56	3/4
030	2-56	25/32
031	2-56	1
032	3-48	1/8
033	3-48	5/32
034	3-48	3/16
035	3-48	1/4
036	3-48	9/32
037	3-48	3/4
038	4-40	1/8
039	4-40	5/32
040	4-40	3/16
041	4-40	1/4
042	4-40	5/16
043	4-40	11/32
044	4-40	3/8
045	4-40	7/16
046	4-40	1/2
047	4-40	9/16

CODE	THREAD	LENGTH
048	4-40	5/8
049	4-40	3/4
050	4-40	7/8
051	4-40	29/32
052	4-40	1
053	5-40	1/4
054	5-40	3/8
055	6-40	3/8
056	6-32	3/32
057	6-32	1/8
058	6-32	3/16
059	6-32	1/4
060	6-32	5/16
061	6-32	3/8
062	6-32	7/16
063	6-32	1/2
064	6-32	9/16
065	6-32	5/8
066	6-32	11/16
067	6-32	3/4
068	6-32	1
069	6-32	1-1/8
070	6-32	1-1/4
071	6-32	1-1/2
072	6-32	1-3/4
073	8-32	1/8
074	8-32	3/16
075	8-32	1/4
076	8-32	5/16
077	8-32	3/8
078	8-32	7/16
079	8-32	1/2
080	8-32	5/8
081	8-32	3/4
082	8-32	7/8
083	8-32	1
084	8-32	1-1/8
085	8-32	1-1/4
086	8-32	1-1/2
087	8-32	1-3/4
088	8-32	2
089	10-24	1/8
090	10-24	3/16
091	10-24	1/4
092	10-24	5/16
093	10-24	3/8
094	10-24	1/2

CODE	THREAD	LENGTH
095	10-24	5/8
096	10-24	3/4
097	10-24	1
098	10-24	1-1/4
099	10-24	1-1/2
100	10-24	1-3/4
101	10-32	1/8
102	10-32	3/16
103	10-32	1/4
104	10-32	5/16
105	10-32	3/8
106	10-32	1/2
107	10-32	5/8
108	10-32	11/16
109	10-32	3/4
110	10-32	13/16
111	10-32	7/8
112	10-32	1
113	10-32	1-1/4
114	10-32	1-1/2
115	10-32	1-3/4
116	10-32	2
117	1/4-20	1/4
118	1/4-20	5/16
119	1/4-20	3/8
120	1/4-20	7/16
121	1/4-20	1/2
122	1/4-20	5/8
123	1/4-20	3/4
124	1/4-20	13/16
125	1/4-20	7/8
126	1/4-20	1
127	1/4-20	1-1/4
128	1/4-20	1-3/8
129	1/4-20	1-1/2
130	1/4-20	1-3/4
131	1/4-20	2
132	1/4-28	1
133	1/4-28	1-1/16
134	1/4-28	1-3/32
135	5/16-18	3/8
136	5/16-18	1/2
137	5/16-18	3/4
138	5/16-18	1
139	3/8-16	1/2
140	3/8-16	3/4
141	3/8-16	1

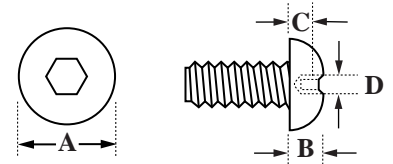
NYLON BUTTON HEAD SOCKET SCREWS

THREAD SIZE	A	B	C	D	KEY ENGAGEMENT
6-32	.250-.262	.063-.073	.015	.078	.044
1/4-20	.419-.437	.122-.132	.031	.156	.087

Part Number: S28 + Code

CODE	THREAD	LENGTH
057	6-32	1/8
058	6-32	3/16
059	6-32	1/4
060	6-32	5/16
061	6-32	3/8
062	6-32	7/16
063	6-32	1/2
064	6-32	9/16
065	6-32	5/8
067	6-32	3/4
142	6-32	7/8
068	6-32	1
070	6-32	1-1/4

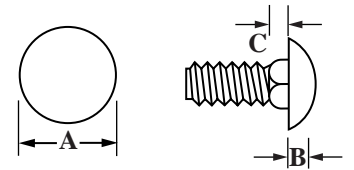
CODE	THREAD	LENGTH
071	6-32	1-1/2
117	1/4-20	1/4
118	1/4-20	5/16
119	1/4-20	3/8
120	1/4-20	7/16
121	1/4-20	1/2
122	1/4-20	5/8
123	1/4-20	3/4
125	1/4-20	7/8
126	1/4-20	1
127	1/4-20	1-1/4
129	1/4-20	1-1/2



NYLON CARRIAGE BOLTS

Part Number: S30 + Code

CODE	THREAD	LENGTH	A	B	C
121	1/4-20	1/2	.594	.145	.156
123	1/4-20	3/4	.594	.145	.156



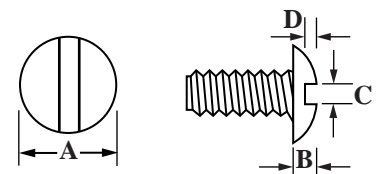
NYLON MACHINE SCREWS, SLOTTED TRUSS

THREAD SIZE	A	B	C	D
6-32	.300	.075	.040	.045

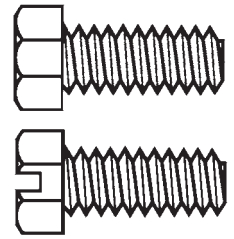
Part Number: S29 + Code

CODE	THREAD	LENGTH
057	6-32	1/8
058	6-32	3/16
059	6-32	1/4
060	6-32	5/16
061	6-32	3/8
062	6-32	7/16
063	6-32	1/2

CODE	THREAD	LENGTH
064	6-32	9/16
065	6-32	5/8
067	6-32	3/4
142	6-32	7/8
068	6-32	1
070	6-32	1-1/4
071	6-32	1-1/2



NYLON HEX CAP SCREWS



Part Numbers: **Slotted: S57 + Code**
 Unslotted: S58 + Code

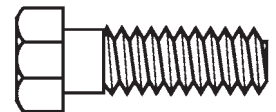
CODE	THREAD	LENGTH
001	1/4-20	1/2
002	1/4-20	3/4
003	1/4-20	1
004	1/4-20	1-1/4
005	1/4-20	1-1/2
006	1/4-20	2
007	1/4-20	2-1/2
008	1/4-20	3
009	5/16-18	1/2
010	5/16-18	3/4
011	5/16-18	1
012	5/16-18	1-1/4
013	5/16-18	1-1/2

CODE	THREAD	LENGTH
014	5/16-18	2
015	5/16-18	2-1/2
016	5/16-18	3
017	3/8-16	1/2
018	3/8-16	3/4
019	3/8-16	1
020	3/8-16	1-1/4
021	3/8-16	1-1/2
022	3/8-16	2
023	3/8-16	2-1/2
024	3/8-16	3
025	1/2-13	1/2
026	1/2-13	3/4

CODE	THREAD	LENGTH
027	1/2-13	1
028	1/2-13	1-1/4
029	1/2-13	1-1/2
030	1/2-13	2
031	1/2-13	2-1/2
032	1/2-13	3
033	5/8-11	3/4
034	5/8-11	1
035	5/8-11	1-1/2
036	5/8-11	2
037	5/8-11	2-1/2
038	5/8-11	3

- Bolts larger than 1-1/2" may not be fully threaded
- Thread Portion: 2x the diameter + 1/4"

NYLON HEX BOLTS

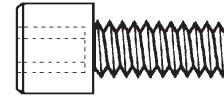


Part Number: A19 + Code

CODE	THREAD	LENGTH
010	1/4-20	3-1/2
011	1/4-20	4
012	1/4-20	4-1/2
013	1/4-20	5
014	1/4-20	6
023	5/16-18	3-1/2
024	5/16-18	4
025	5/16-18	4-1/2
026	5/16-18	5
027	5/16-18	6
036	3/8-16	3-1/2
037	3/8-16	4
038	3/8-16	4-1/2

CODE	THREAD	LENGTH
039	3/8-16	5
040	3/8-16	6
048	1/2-13	3-1/2
049	1/2-13	4
050	1/2-13	4-1/2
051	1/2-13	5
052	1/2-13	6
056	5/8-11	3-1/2
057	5/8-11	4
058	5/8-11	4-1/2
059	5/8-11	5
060	5/8-11	6

NYLON SOCKET CAP SCREWS



Part Number: A12 + Code

CODE	THREAD	LENGTH
001	4-40	1/8
002	4-40	3/16
003	4-40	1/4
004	4-40	5/16
005	4-40	3/8
006	4-40	7/16
007	4-40	1/2
008	4-40	5/8
009	4-40	11/16
010	4-40	3/4
011	4-40	7/8
012	4-40	1
013	4-40	1-1/8
014	4-40	1-1/4
015	6-32	1/8
016	6-32	3/16
017	6-32	1/4
018	6-32	5/16
019	6-32	3/8
020	6-32	7/16
021	6-32	1/2
022	6-32	5/8
023	6-32	3/4
024	6-32	1
025	6-32	1-1/8
026	6-32	1-1/4
027	6-32	1-1/2
028	6-32	1-3/4
029	8-32	1/8
030	8-32	3/16
031	8-32	1/4
032	8-32	5/16
033	8-32	3/8

CODE	THREAD	LENGTH
034	8-32	7/16
035	8-32	1/2
036	8-32	5/8
037	8-32	3/4
038	8-32	1
039	8-32	1-1/8
040	8-32	1-1/4
041	8-32	1-3/8
042	8-32	1-1/2
043	8-32	1-3/4
044	8-32	2
045	10-24	1/8
046	10-32	3/16
047	10-32	1/4
048	10-32	5/16
049	10-32	3/8
050	10-32	1/2
051	10-32	5/8
052	10-32	3/4
053	10-32	1
054	10-32	1-1/4
055	10-32	1-1/2
056	1/4-20	1/4
057	1/4-20	5/16
058	1/4-20	3/8
059	1/4-20	1/2
060	1/4-20	5/8
061	1/4-20	3/4
062	1/4-20	1
063	1/4-20	1-1/4
064	1/4-20	1-1/2
065	1/4-20	1/3
066	1/4-20	2

CODE	THREAD	LENGTH
067	5/16-18	1/2
068	5/16-18	3/4
069	5/16-18	1
070	5/16-18	1-1/4
071	5/16-18	1-1/2
072	5/16-18	2
073	5/16-18	2-1/2
074	5/16-18	3
075	3/8-16	1/2
076	3/8-16	3/4
077	3/8-16	1
078	3/8-16	1-1/4
079	3/8-16	1-1/2
080	3/8-16	2
081	3/8-16	2-1/2
082	3/8-16	3
083	1/2-13	1/2
084	1/2-13	3/4
085	1/2-13	1
086	1/2-13	1-1/4
087	1/2-13	1-1/2
088	1/2-13	2
089	1/2-13	2-1/2
090	1/2-13	3
091	5/8-11	1/2
092	5/8-11	3/4
093	5/8-11	1
094	5/8-11	1-1/2
095	5/8-11	2
096	5/8-11	2-1/2
097	5/8-11	3

NYLON SOCKET CAP SCREWS (CONTINUED)

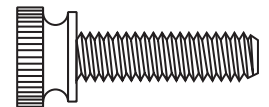
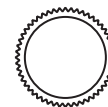
Part Number: A12 + Code

CODE	THREAD	LENGTH
116	4-40	1-3/8
117	4-40	1-1/2
118	6-32	7/8
119	6-40	1/4
120	6-40	3/8
121	6-40	3/4
122	6-40	1
123	10-24	3/16

CODE	THREAD	LENGTH
124	10-24	1/4
125	10-24	5/16
126	10-24	3/8
127	10-24	1/2
128	10-24	5/8
129	10-24	3/4
130	10-24	1
131	10-24	1-1/4

CODE	THREAD	LENGTH
132	10-24	1-1/2
133	10-32	1/8
134	10-32	2
135	1/4-20	2-1/2
136	1/4-28	3/16
137	1/4-28	3/8
138	1/4-28	3/4
139	1/4-28	1

KNURLED HEAD THUMB SCREWS



Part Number: E14 + Code

CODE	THREAD	LENGTH
001	4-40	3/16
002	4-40	1/4
003	4-40	3/8
004	4-40	1/2
005	4-40	3/4
006	6-32	1/4
007	6-32	3/8
008	6-32	1/2
009	6-32	3/4
010	6-32	1
011	8-32	3/16
012	8-32	3/8
013	8-32	1/2
014	8-32	3/4
015	8-32	1
016	10-24	1/2
017	10-24	3/4
018	10-24	1
019	10-24	1-1/4
020	10-24	2
021	10-32	3/8
022	10-32	1/2

CODE	THREAD	LENGTH
023	10-32	3/4
024	10-32	1
025	10-32	1-1/16
026	10-32	1-1/2
027	10-32	2
028	1/4-20	1/2
029	1/4-20	3/4
030	1/4-20	1
031	1/4-20	1-1/4
032	1/4-20	1-1/2
033	5/16-18	1/2
034	5/16-18	1
035	5/16-18	1-1/2
036	5/16-18	2
037	3/8-16	1/2
038	3/8-16	1
039	3/8-16	1-1/2
040	3/8-16	2
041	1/2-13	1/2
042	1/2-13	1
043	1/2-13	1-1/2
044	1/2-13	2

PLASTIC THUMB SCREWS

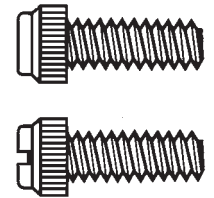


Part Numbers: NYLON: E30 + Code
DELRIN: E31 + Code

CODE	THREAD SIZE	LENGTH	HEAD DIAMETER 3/16 THICK	SHOULDER UNDER HEAD 1/4 DIA.-1/8 LONG
001	8-32	1/4	3/8	NO
002	8-32	5/16	3/8	NO
003	8-32	3/8	3/8	NO
004	8-32	3/8	1/2	NO
005	8-32	1/2	1/2	NO
006	8-32	9/16	3/8	YES
008	10-32	3/8	1/2	NO

- Thick-headed, deep-fluted for positive finger grip
- Optional, under head washer-like bases
- The advantages of Nylon, Delrin for locking, adjusting, clamping applications

ECONOMY GRADE NYLON THUMB SCREWS



Part Numbers: Unslotted: E11 + Code
Slotted: E12 + Code

CODE	THREAD	LENGTH
001	4-40	1/4
002	4-40	3/8
003	4-40	1/2
004	4-40	5/8
005	4-40	3/4
006	6-32	1/4
007	6-32	3/8
008	6-32	1/2
009	6-32	5/8
010	6-32	3/4
011	6-32	1
012	8-32	3/8
013	8-32	1/2
014	8-32	3/4

CODE	THREAD	LENGTH
015	8-32	1
016	8-32	1-1/4
017	10-32	3/8
018	10-32	1/2
019	10-32	3/4
020	10-32	1
021	10-32	1-1/4
022	10-32	1-1/2
023	1/4-20	1/2
024	1/4-20	3/4
025	1/4-20	1
026	1/4-20	1-1/4
027	1/4-20	1-1/2

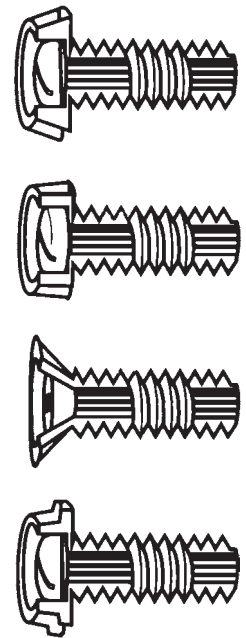
- Allows frequent application adjustments
- Thick, knurled heads for secure hand grip
- Slotted and unslotted
- Tolerances ± .010

NYLON STEEL-CORE SCREWS

Part Numbers: Round Head: S31 + Code
Fillister Head: S32 + Code
Flat Head: S33 + Code
Round Washer Head: S34 + Code

CODE	THREAD	LENGTH
001	6-32	1/4
002	6-32	3/8
003	6-32	1/2
006	8-32	3/8
007	8-32	1/2
010	10-32	3/8
011	10-32	1/2

CODE	THREAD	LENGTH
012	10-32	3/4
013	10-32	1
014	1/4-20	3/8
015	1/4-20	1/2
016	1/4-20	5/8
017	1/4-20	3/4
018	1/4-20	1



- For use in higher stress applications
- Greater torque and shear strength than nylon
- Natural colored nylon outer threaded screw with cadmium plated, hardened steel core
- Provides insulating, locking, and sealing properties of nylon plus strength of steel

PVC MACHINED SCREWS POLYVINYL CHLORIDE

Please refer to illustrations of head styles on page 8

Part Numbers: Round Head: S52 + Code
Fillister Head: S53 + Code
Flat Head: S54 + Code
Pan Head: S55 + Code
Hex Head: S56 + Code

CODE	THREAD	LENGTH
001	2-56	1/8
002	2-56	1/4
003	2-56	3/8
004	2-56	1/2
005	4-40	1/4
006	4-40	3/8
007	4-40	1/2
008	4-40	5/8
009	4-40	3/4

CODE	THREAD	LENGTH
010	6-32	1/4
011	6-32	3/8
012	6-32	1/2
013	6-32	5/8
014	6-32	3/4
015	6-32	1
016	8-32	1/4
017	8-32	3/8
018	8-32	1/2

CODE	THREAD	LENGTH
019	8-32	5/8
020	8-32	1
021	10-32	3/8
022	10-32	1/2
023	10-32	5/8
024	10-32	3/4
025	10-32	1
029	8-32	3/4
030	10-24	1/2

PVC CAP SCREWS

Please refer to illustrations of head styles on page 8

Part Numbers: Flat Head: S60 + Code
Round Head: S61 + Code

CODE	THREAD	LENGTH
001	1/4-20	1/2
002	1/4-20	3/4
003	1/4-20	1
004	1/4-20	1-1/4
005	1/4-20	1-1/2
006	1/4-20	1-3/4
007	1/4-20	2
008	1/4-20	2-1/4
009	1/4-20	2-1/2
010	1/4-20	3
011	1/4-20	3-1/2
012	1/4-20	4
013	5/16-18	1/2
014	5/16-18	3/4
015	5/16-18	1
016	5/16-18	1-1/4
017	5/16-18	1-1/2
018	5/16-18	1-3/4
019	5/16-18	2
020	5/16-18	2-1/4
021	5/16-18	2-1/2
022	5/16-18	3
023	5/16-18	3-1/2
024	5/16-18	4
025	3/8-16	1/2

CODE	THREAD	LENGTH
026	3/8-16	3/4
027	3/8-16	1
028	3/8-16	1-1/4
029	3/8-16	1-1/2
030	3/8-16	2
031	3/8-16	2-1/4
032	3/8-16	2-1/2
033	3/8-16	3
034	3/8-16	3-1/2
035	3/8-16	4
036	1/2-13	1
037	1/2-13	1-1/4
038	1/2-13	1-1/2
039	1/2-13	1-3/4
040	1/2-13	2
041	1/2-13	2-1/4
042	1/2-13	2-1/2
043	1/2-13	3
044	1/2-13	3-1/2
045	1/2-13	4
049	1/4-20	3/8
050	1/4-20	1-1/8
051	5/16-18	5/8
053	1/2-13	4-1/2

Also available in PVDF and CPVC

PVC CAP SCREWS & MACHINE BOLTS

Please refer to illustrations of head styles on page 8

Part Numbers: Hex Head: S84 + Code
Fillister Head: S85 + Code

CODE	THREAD	LENGTH
001	1/4-20	1/2
002	1/4-20	3/4
003	1/4-20	1
004	1/4-20	1-1/4
005	1/4-20	1-1/2
006	1/4-20	1-3/4
007	1/4-20	2
008	1/4-20	2-1/4
009	1/4-20	2-1/2
010	1/4-20	3
011	1/4-20	3-1/2
012	1/4-20	4
013	1/4-20	4-1/2
014	1/4-20	5
015	1/4-20	5-1/2
016	1/4-20	6
017	5/16-18	1/2
018	5/16-18	3/4
019	5/16-18	1
020	5/16-18	1-1/4
021	5/16-18	1-1/2
022	5/16-18	1-3/4
023	5/16-18	2
024	5/16-18	2-1/4
025	5/16-18	2-1/2
026	5/16-18	3
027	5/16-18	3-1/2
028	5/16-18	4
029	5/16-18	4-1/2
030	5/16-18	5
031	5/16-18	5-1/2
032	5/16-18	6
033	3/8-16	1/2
034	3/8-16	3/4
035	3/8-16	1
036	3/8-16	1-1/4
037	3/8-16	1-1/2
038	3/8-16	1-3/4
039	3/8-16	2
040	3/8-16	2-1/4
041	3/8-16	2-1/2

CODE	THREAD	LENGTH
042	3/8-16	3
043	3/8-16	3-1/2
044	3/8-16	4
045	3/8-16	4-1/2
046	3/8-16	5
047	3/8-16	5-1/2
048	3/8-16	6
049	1/2-13	1/2
050	1/2-13	3/4
051	1/2-13	1
052	1/2-13	1-1/4
053	1/2-13	1-1/2
054	1/2-13	1-3/4
055	1/2-13	2
056	1/2-13	2-1/4
057	1/2-13	2-1/2
058	1/2-13	3
059	1/2-13	3-1/2
060	1/2-13	4
061	1/2-13	4-1/2
062	1/2-13	5
063	1/2-13	5-1/2
064	1/2-13	6
065	5/8-11	2
066	5/8-11	2-1/2
067	5/8-11	3
068	5/8-11	3-1/2
069	5/8-11	4
070	5/8-11	4-1/2
071	5/8-11	5
072	5/8-11	5-1/2
073	5/8-11	6
074	3/4-10	2
075	3/4-10	2-1/2
076	3/4-10	3
077	3/4-10	3-1/2
078	3/4-10	4
079	3/4-10	4-1/2
080	3/4-10	5
081	3/4-10	5-1/2
082	3/4-10	6

Not all sizes are fully threaded Also available in PVDF and CPVC

TEFLON® (TFE) MACHINED SCREWS

Please refer to illustrations of head styles on page 8

Part Numbers: Hex Head: S47 + Code
Round Head: S48 + Code
Fillister Head: S49 + Code
Flat Head: S50 + Code
Pan Head: S51 + Code

CODE	THREAD	LENGTH
001	2-56	1/8
002	2-56	1/4
003	4-40	1/4
004	4-40	3/8
005	4-40	1/2
006	4-40	5/8
007	4-40	3/4
008	4-40	1
009	6-32	1/4
010	6-32	3/8

CODE	THREAD	LENGTH
011	6-32	1/2
012	6-32	5/8
013	6-32	3/4
014	6-32	1
015	8-32	1/4
016	8-32	3/8
017	8-32	1/2
018	8-32	5/8
019	8-32	3/4
020	8-32	1

CODE	THREAD	LENGTH
021	10-32	3/8
022	10-32	1/2
023	10-32	5/8
024	10-32	3/4
025	10-32	1
026	1/4-20	3/8
027	1/4-20	1/2
028	1/4-20	5/8
029	1/4-20	3/4
030	1/4-20	1

- Choice for extreme environmental conditions
- Highest heat resistance to 500°F
- Resistant to all organic solvents
- Moisture absorption is zero
- Electrical properties are outstanding
- Tensile shear and torque strength are low
- Extremely low friction co-efficient

TEFLON® HEX CAP SCREWS

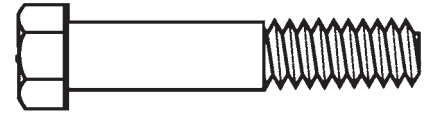
Part Number: A23 + Code

CODE	THREAD	LENGTH
001	1/4-20	1/2
002	1/4-20	3/4
003	1/4-20	1
004	1/4-20	1-1/2
005	1/4-20	2
006	5/16-18	1/2
007	5/16-18	3/4
008	5/16-18	1
009	5/16-18	1-1/2
010	5/16-18	2

CODE	THREAD	LENGTH
011	3/8-16	3/4
012	3/8-16	1
013	3/8-16	1-1/2
014	3/8-16	2
015	3/8-16	2-1/2
016	1/2-13	1
017	1/2-13	1-1/2
018	1/2-13	2
019	1/2-13	2-1/2
020	1/2-13	3

- Unslotted

MOLDED ISOPLAST HEX HEAD CAP SCREWS



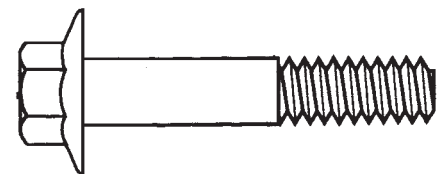
Part Number: K39 + Code

CODE	THREAD	LENGTH
100	1/4-20	1/2
101	1/4-20	3/4
102	1/4-20	1
103	1/4-20	1-1/4
104	1/4-20	1-1/2
001	5/16-18	1-1/2
002	5/16-18	2
003	3/8-16	1-1/2
004	3/8-16	2
005	3/8-16	2-1/2
006	3/8-16	3
007	5/8-11	1-1/2
008	5/8-11	2
009	5/8-11	2-1/2
010	5/8-11	3
011	5/8-11	3-1/2

CODE	THREAD	LENGTH
012	5/8-11	4
013	5/8-11	4-1/2
014	5/8-11	5
015	5/8-11	5-1/2
016	5/8-11	6
017	3/4-10	1-1/2
018	3/4-10	2
019	3/4-10	2-1/2
020	3/4-10	3
021	3/4-10	3-1/2
022	3/4-10	4
023	3/4-10	4-1/2
024	3/4-10	5
025	3/4-10	5-1/2
026	3/4-10	6

40% Fiberglass Filled

MOLDED ISOPLAST FLANGED HEX HEAD CAP SCREWS



Part Number: K40 + Code

CODE	THREAD	LENGTH
001	1/4-20	1/2
002	1/4-20	5/8
003	1/4-20	3/4
004	1/4-20	7/8
005	1/4-20	1
006	1/4-20	1-1/4
007	1/4-20	1-3/8
008	1/4-20	1-1/2
009	3/8-16	1/2
010	3/8-16	5/8
011	3/8-16	3/4
012	3/8-16	7/8
013	3/8-16	1

CODE	THREAD	LENGTH
014	3/8-16	1-1/4
140	3/8-16	1-1/2
141	3/8-16	2
142	3/8-16	2-1/2
143	3/8-16	3
015	1/2-13	3/4
019	1/2-13	7/8
020	1/2-13	1
021	1/2-13	1-1/4
022	1/2-13	1-3/8
023	1/2-13	1-1/2
024	1/2-13	1-5/8

CODE	THREAD	LENGTH
025	1/2-13	1-3/4
026	1/2-13	1-7/8
027	1/2-13	2
028	1/2-13	2-1/4
029	1/2-13	2-3/8
030	1/2-13	2-1/2
031	1/2-13	2-5/8
032	1/2-13	2-3/4
033	1/2-13	3
034	1/2-13	3-1/4
035	1/2-13	3-3/8
036	1/2-13	3-1/2

40% Fiberglass Filled

MOLDED NYLON METRIC SCREWS

Please refer to illustrations of head styles on page 8

Part Numbers:

- Slotted Economy Grade Thumb Screw:** K61 + Code
- Slotted Hex Head:** K60 + Code
- Grub Set Screw:** K62 + Code
- Socket Head Cap:** K63 + Code
- Oval Head:** K64 + Code
- Fillister Head:** K65 + Code
- Pan Head:** K66 + Code
- Cheese Head:** K67 + Code
- Hex Head:** K68 + Code
- Flat Head:** K69 + Code

CODE	THREAD	LENGTH
002	M4	3
008	M3	4
015	M3	5
018	M6	5
022	M3	6
023	M4	6
024	M5	6
029	M3	8
030	M4	8
031	M5	8
032	M6	8
036	M3	10
037	M4	10
038	M5	10
039	M6	10
040	M8	10
043	M3	12
044	M4	12
045	M5	12
046	M6	12

CODE	THREAD	LENGTH
050	M3	16
051	M4	16
052	M5	16
053	M6	16
054	M8	16
055	M10	16
064	M3	20
065	M4	20
066	M5	20
067	M6	20
068	M8	20
069	M10	20
071	M3	25
072	M4	25
073	M5	25
074	M6	25
075	M8	25
076	M10	25
078	M3	30
079	M4	30

CODE	THREAD	LENGTH
080	M5	30
081	M6	30
082	M8	30
083	M10	30
085	M3	35
086	M4	35
087	M5	35
088	M6	35
089	M8	35
090	M10	35
093	M4	40
094	M5	40
095	M6	40
102	M6	45
109	M6	50
110	M8	50
111	M10	50
123	M6	60
125	M10	60

- Not all head styles available in all sizes
- Precision molded of white nylon to ISO metric standards
- Tough, high strength-to-weight ratio, corrosion resistant, electrically & thermally insulated
- Thread Pitch:
 - M3 X .5
 - M4 X .7
 - M5 X .8
 - M6 X 1.0
 - M8 X 1.25
 - M10 X 1.5
- Phillips Drive available on request. Minimums apply.

METRIC HEX NUTS

Part Number: K70 + Code

CODE	THREAD SIZE	A/F	THK
001	M2 X 0.4	3.9	1.2
002	M2.5 X 0.45	4.9	1.8
003	M3 X 0.5	5.4	2.2
004	M3.5 X 0.5	6.9	2.7
005	M4 X 0.7	6.9	3.0

CODE	THREAD SIZE	A/F	THK
006	M5 X 0.8	7.9	4.3
007	M6 X 1.0	9.9	5.4
008	M8 X 1.25	12.9	6.4
009	M10 X 1.50	14.8	9.8
010	M12 X 1.75	17.74	10.54

METRIC WASHERS

Part Number: K71 + Code

CODE	SCREW SIZE	OD	ID	THK
001	M3	8.00	3.20	0.80
002	M4	9.00	4.30	0.80
003	M5	11.0	5.30	1.00

CODE	SCREW SIZE	OD	ID	THK
004	M6	12.00	6.40	1.50
005	M8	18.00	8.40	2.00
006	M10	22.00	10.50	2.50

NYLON THREADED STUDS



Part Number: D14 + Code

CODE	THREAD	LENGTH
001	10-32	3/4
002	10-32	1
003	10-32	1-1/2
004	10-32	2
005	10-32	2-1/2
006	1/4-20	3/4
007	1/4-20	1
008	1/4-20	1-1/2
009	1/4-20	2
010	1/4-20	2-1/2

CODE	THREAD	LENGTH
011	1/4-20	3
012	5/16-18	1
013	5/16-18	1-1/2
014	5/16-18	2
015	5/16-18	2-1/2
016	5/16-18	3
017	3/8-16	1
018	3/8-16	1-1/2
019	3/8-16	2

CODE	THREAD	LENGTH
020	3/8-16	2-1/2
021	3/8-16	3
022	3/8-16	4
023	1/2-13	1-1/2
024	1/2-13	2
025	1/2-13	2-1/2
026	1/2-13	3
027	1/2-13	4
028	1/2-13	5

- Injection molded threaded studs with chamfer on both ends are available in several of the most popular sizes and lengths.
- Threaded studs are molded in natural Nylon 6/6 UL 94V2. These studs are resistant to most chemicals, electrically insulating, non-magnetic, lightweight, low thermal conductivity, vibration and abrasion resistant.

THREADED ROD NYLON ROD

Part Number: D11 + Code

4' CODE	3' CODE	THREAD SIZE
001	051	4-40
002	052	6-32
003	053	8-32
004	054	10-32
005	055	10-24

4' CODE	3' CODE	THREAD SIZE
006	056	1/4-20
007	057	5/16-18
008	058	3/8-16
009	059	1/2-13

4' CODE	3' CODE	THREAD SIZE
010	060	5/8-11
011	061	3/4-10
012	062	7/8-9
013	063	1-8

- Low thermal, electrical conductivity, high strength-to-weight ratio, corrosion resistant
- Useful as tie rods, U bolts, screw adjusters, bolt lengtheners

PVC ROD

Part Number: D12 + Code

4' CODE	3' CODE	THREAD SIZE
001	051	1/4-20
002	052	5/16-18
003	053	3/8-16

4' CODE	3' CODE	THREAD SIZE
004	054	1/2-13
005	055	5/8-11

4' CODE	3' CODE	THREAD SIZE
006	056	3/4-10
007	057	1-8

- Choice in applications calling for exceptional corrosion resistance

TEFLON® ROD

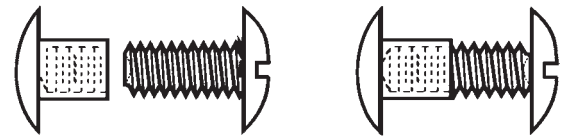
Part Number: D13 + Code

CODE	THREAD SIZE
001	4-40
002	6-32
003	8-32
004	10-32
005	1/4-20
006	1/4-28

CODE	THREAD SIZE
007	5/16-18
008	5/16-24
009	3/8-16
010	3/8-24
011	1/2-13

CODE	THREAD SIZE
012	1/2-20
013	5/8-11
014	5/8-24
015	3/4-10
016	3/4-16

CLEAR THREADED PLASTIC POSTS & SCREWS
CELLULOSE ACETATE BUTYRATE



Part Number: K13 + Code

CODE	THREAD SIZE	POST OUTSIDE DIA.	HEIGHT	HEAD DIA.	HEAD HEIGHT	SCREW LENGTH
001	8-32	7/32	1/4	11/32	.100	1/4
002	8-32	7/32	3/8	25/64	.100	3/8
003	8-32	7/32	1/2	13/32	.100	3/8
004	8-32	7/32	5/8	13/32	.100	3/8
005	8-32	7/32	3/4	13/32	.100	3/8
006	8-32	7/32	7/8	13/32	.100	3/8
007	8-32	7/32	1	13/32	.100	3/8

- Low cost, attractive set: female-threaded, headed bushing & slotted-head machine screw
- Binds flexible plastic, leather, swatch book fabric & paper, key cases, etc.
- Useful as insulating fasteners
- Reusable

RAPID ASSEMBLY POSTS AND SCREWS



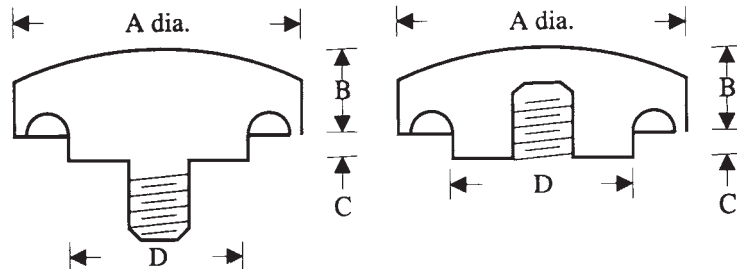
Part Numbers: Slotted: K15 + Code
Unslotted: K16 + Code

CODE	COLOR	LENGTH
000	BLACK	3/16
001	BLACK	1/4
002	BLACK	3/8
003	BLACK	1/2
004	BLACK	3/4
005	BLACK	7/8
006	BLACK	1
007	BLACK	1-1/4
008	BLACK	1-3/8
009	BLACK	1-1/2
010	BLACK	1-3/4
011	BLACK	2

CODE	COLOR	LENGTH
012	WHITE	1/4
013	WHITE	3/8
014	WHITE	1/2
015	WHITE	3/4
016	WHITE	7/8
017	WHITE	1
018	WHITE	1-1/4
019	WHITE	1-3/8
020	WHITE	1-1/2
021	WHITE	1-3/4
022	WHITE	2
023	WHITE	3/16

- Screw thread size: 10-24
- Post in Polyethylene
- Screw in Nylon
- Post Dia.: .240
- Head Dia.: 3/8"
- Head Thickness: .100
- Single use application
- 3/16" length screw used with 3/16" post
- 1/4" length screw used with 1/4" post
- 3/8" length screw used with 3/8" thru 3/4" post
- .690 length screw used with 7/8" thru 2"

**KNURLED PHENOLIC SCREWS & NUTS
BLACK COLOR**



Part Number: E17 + Code

CODE	HAND NUTS TAPPED THREAD SIZE	HAND SCREWS THREADED STUD SIZE AND LENGTH	HEAD DIA. "A"	DIMENSIONS		
				"B"	"C"	"D"
001	6-32	x	3/4	7/32	1/4	5/8
002	8-32	x	3/4	7/32	1/4	5/8
003	10-32	x	3/4	7/32	1/4	5/8
004	8-32	x	3/4	1/4	9/32	5/8
005	10-32	x	3/4	1/4	9/32	5/8
006	1/4-20	x	3/4	1/4	9/32	5/8
007	x	8-32 x 1/2	3/4	1/4	9/32	5/8
008	x	8-32 x 3/4	3/4	1/4	9/32	5/8
009	x	8-32 x 1	3/4	1/4	9/32	5/8
010	x	10-32 x 3/4	3/4	1/4	9/32	5/8
011	x	10-32 x 1	3/4	1/4	9/32	5/8
012	x	1/4-20 x 3/4	3/4	1/4	9/32	5/8
013	x	1/4-20 x 1	3/4	1/4	9/32	5/8
014	10-32	x	1	11/32	5/16	5/8
015	1/4-20	x	1	11/32	5/16	5/8
016	x	10-32 x 1/2	1	11/32	5/16	5/8
017	x	10-32 x 3/4	1	11/32	5/16	5/8
018	x	10-32 x 1	1	11/32	5/16	5/8
019	x	1/4-20 x 1/2	1	11/32	5/16	5/8
020	x	1/4-20 x 3/4	1	11/32	5/16	5/8
021	x	1/4-20 x 1	1	11/32	5/16	5/8
022	x	1/4-20 x 1-1/2	1	11/32	5/16	5/8

- Code #s 001, 002, 003 – material: ABS
- Allows frequent adjustment of higher torque applications
- Useful as control knobs, handles
- Useful on portable tools, household appliances, transformer & battery terminal nuts
- Wide diameter heads, sharp knurled circumferential band for non-slip grasp
- Strong internally threaded metal nut bushings
- Molding process prevents high torque head slippage
- Phenolic plastic make-up provides excellent electrical insulation, high heat & chemical resistance
- Zinc, cadmium plated male threaded screws, brass female threaded nuts
- Minimum quantities may apply

KNURLED PHENOLIC SCREWS & NUTS (CONTINUED)

BLACK COLOR

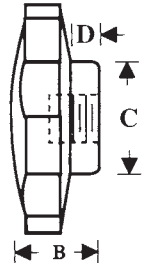
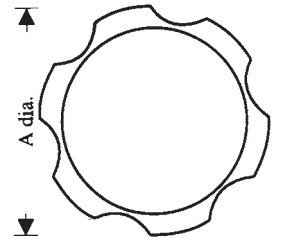
Part Number: E17 + Code

CODE	HAND NUTS TAPPED THREAD SIZE	HAND SCREWS THREADED STUD SIZE AND LENGTH	HEAD DIA. "A"	DIMENSIONS		
				"B"	"C"	"D"
023	10-32	x	1-3/8	13/32	3/8	3/4
024	1/4-20	x	1-3/8	13/32	3/8	3/4
025	5/16-18	x	1-3/8	13/32	3/8	3/4
026	3/8-16	x	1-3/8	13/32	3/8	3/4
027	x	1/4-20 x 1/2	1-3/8	13/32	3/8	3/4
028	x	1/4-20 x 3/4	1-3/8	13/32	3/8	3/4
029	x	1/4-20 x 1	1-3/8	13/32	3/8	3/4
030	x	1/4-20 x 1-1/2	1-3/8	13/32	3/8	3/4
031	x	5/16-18 x 3/4	1-3/8	13/32	3/8	3/4
032	x	5/16-18 x 1	1-3/8	13/32	3/8	3/4
033	x	5/16-18 x 1-1/2	1-3/8	13/32	3/8	3/4
034	x	5/16-18 x 2	1-3/8	13/32	3/8	3/4
035	x	3/8-16 x 1	1-3/8	13/32	3/8	3/4
036	x	3/8-16 x 1-1/2	1-3/8	13/32	3/8	3/4
037	x	3/8-16 x 2	1-3/8	13/32	3/8	3/4
038	1/4-20	x	1-7/8	1/2	1/2	1
039	5/16-18	x	1-7/8	1/2	1/2	1
040	3/8-16	x	1-7/8	1/2	1/2	1
041	x	1/4-20 x 1/2	1-7/8	1/2	1/2	1
042	x	1/4-20 x 3/4	1-7/8	1/2	1/2	1
043	x	1/4-20 x 1	1-7/8	1/2	1/2	1
044	x	1/4-20 x 1-1/2	1-7/8	1/2	1/2	1
045	x	5/16-18 x 3/4	1-7/8	1/2	1/2	1
046	x	5/16-18 x 1	1-7/8	1/2	1/2	1
047	x	5/16-18 x 1-1/2	1-7/8	1/2	1/2	1
048	x	5/16-18 x 2	1-7/8	1/2	1/2	1
049	x	3/8-16 x 1	1-7/8	1/2	1/2	1
050	x	3/8-16 x 1-1/2	1-7/8	1/2	1/2	1
051	x	3/8-16 x 2	1-7/8	1/2	1/2	1

FLUTED PHENOLIC SCREWS & NUTS

Part Number: E18 + Code

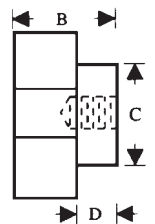
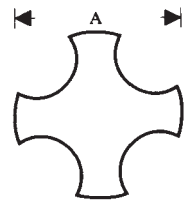
CODE	KNOB NUTS THREAD SIZE	KNOB SCREWS THREAD SIZE LENGTH	HEAD DIA. "A"	DIMENSIONS		
				"B"	"C"	"D"
001	1/4-20	-	1-3/8	27/32	27/32	25/64
002	5/16-18	-	1-3/8	27/32	27/32	25/64
003	-	1/4-20 X 1/2	1-3/8	27/32	27/32	25/64
004	-	1/4-20 X 1	1-3/8	27/32	27/32	25/64
005	-	5/16-18 X 1/2	1-3/8	27/32	27/32	25/64
006	-	5/16-18 X 1	1-3/8	27/32	27/32	25/64
007	5/16-18	-	1-3/4	1-1/16	1-1/16	1/2
008	3/8-16	-	1-3/4	1-1/16	1-1/16	1/2
009	-	5/16-18 X 3/4	1-3/4	1-1/16	1-1/16	1/2
010	-	5/16-18 X 1-1/2	1-3/4	1-1/16	1-1/16	1/2
011	-	3/8-16 X 3/4	1-3/4	1-1/16	1-1/16	1/2
012	-	3/8-16 X 1-1/2	1-3/4	1-1/16	1-1/16	1/2
013	3/8-16	-	2-3/8	1-5/16	1-1/4	5/8
014	1/2-13	-	2-3/8	1-5/16	1-1/4	5/8
015	-	3/8-16 X 1	2-3/8	1-5/16	1-1/4	5/8
016	-	3/8-16 X 2	2-3/8	1-5/16	1-1/4	5/8
017	-	1/2-13 X 1	2-3/8	1-5/16	1-1/4	5/8
018	-	1/2-13 X 2	2-3/8	1-5/16	1-1/4	5/8



4-PRONGED PHENOLIC SCREWS & NUTS

Part Number: E19 + Code

CODE	KNOB NUTS THREAD SIZE	KNOB SCREWS THREAD SIZE LENGTH	HEAD DIA. "A"	DIMENSIONS		
				"B"	"C"	"D"
001	1/4-20	-	1-1/4	7/8	5/8	3/8
002	5/16-18	-	1-1/4	7/8	5/8	3/8
003	-	1/4-20 X 1	1-1/4	7/8	5/8	3/8
004	-	5/16-18 X 1	1-1/4	7/8	5/8	3/8
005	1/4-20	-	1-3/4	1	13/16	1/2
006	5/16-18	-	1-3/4	1	13/16	1/2
007	3/8-16	-	1-3/4	1	13/16	1/2
008	5/16-18	-	2-1/4	1-1/8	1	9/16
009	3/8-16	-	2-1/4	1-1/8	1	9/16
010	1/2-13	-	2-1/4	1-1/8	1	9/16
011	-	3/8-16 X 1-1/2	2-1/4	1-1/8	1	9/16
012	-	3/8-16 X 2	2-1/4	1-1/8	1	9/16



STANDARD NYLON HEX NUTS



Part Number: A26 + Code

CODE	THREAD	HEX	THICK
001	2-56	3/16	.062
002	4-40	1/4	.103
003	6-32	5/16	.113
004	8-32	11/32	.142
005	10-32	3/8	.146
006	10-24	3/8	.146
007	1/4-20	7/16	.207

CODE	THREAD	HEX	THICK
008	1/4-28	7/16	.207
009	5/16-18	1/2	.302
012	3/8-16	9/16	.330
014	1/2-13	3/4	.443
015	5/8-11	1.00	.546
016	3/4-10	1-1/8	.635

Single chamfered, washer faced, doublecountersunk

NYLON HEX NUTS (ADDITIONAL SIZES)

Part Number: A27 + Code

CODE	THREAD	HEX	THICK
015	0-80	.187	.047
001	2-56	.180	.090
008	3-48	.180	.070
002	4-40	.250	.124
018	4-40	.180	.070
019	4-40	.250	.100
012	5-40	.250	.093
003	6-32	.305	.146
020	6-32	.305	.120
021	6-40	.305	.120
022	6-40	.312	.113
004	8-32	.340	.170
023	8-32	.335	.130
005	10-24	.365	.196
024	10-24	.365	.135
006	10-32	.365	.196
025	10-32	.420	.135
026	12-24	.425	.207
007	1/4-20	.425	.258
028	1/4-20	.433	.233
030	1/4-28	.433	.235

CODE	THREAD	HEX	THICK
031	1/4-32	.377	.135
032	5/16-18	.500	.270
033	5/16-24	.500	.270
034	5/16-20	.500	.302
035	3/8-16	.560	.330
016	3/8-24	.560	.330
036	3/8-32	.500	.190
037	3/8-32	.560	.330
010	7/16-14	.685	.380
038	7/16-14	.750	.380
039	7/16-20	.685	.380
040	1/2-13	.750	.430
009	1/2-20	.750	.430
041	5/8-11	.925	.550
042	5/8-18	.925	.550
043	11/16-27	1.00	.250
044	3/4-10	1.10	.640
045	3/4-10	1.125	.635
014	13/16-20	1.057	.347
046	7/8-9	1.28	.750
017	1-8	1.47	.870

NYLON HEX JAM NUTS

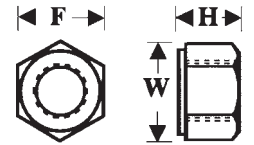


Part Number: A24 + Code

CODE	THREAD	HEX	THICK
001	5/16-18	.500	.190
002	5/16-24	.500	.190
003	3/8-16	.500	.125
004	3/8-16	.562	.223
005	3/8-16	.670	.219
006	3/8-24	.500	.125
007	3/8-24	.562	.223
008	3/8.32	.500	.125
009	7/16-14	.687	.375
010	7/16-20	.687	.250
012	15/32-32	.625	.125
013	1/2-13	.687	.220
014	1/2-13	.812	.230
015	1/2-24	.687	.220
016	1/2-28	.660	.125
017	9/16-18	.750	.250
018	5/8-11	.930	.375
019	5/8-11	1.00	.286
020	5/8-18	.937	.375
021	5/8-18	1.00	.286
022	3/4-10	1.12	.250
023	3/4-16	1.12	.250
024	3/4-16	1.062	.333
025	3/4-16	1.25	.362
026	3/4-27	1.00	.125
027	7/8-14	1.25	.340

CODE	THREAD	HEX	THICK
028	7/8-14	1.25	.362
029	7/8-14	1.50	.408
030	1-8	1.25	.343
031	1-8	1.48	.410
032	1/8-27 NPT	.560	.110
033	1/8-27 NPT	.550	.220
034	1/8-27 NPT	.562	.225
035	1/4-18 NPT	.680	.255
036	1/4-18 NPT	.740	.187
037	1/4-18 NPT	.812	.230
038	3/8-18 NPT	1.00	.280
039	3/8-18 NPT	1.00	.284
040	1/2-14 NPT	1.25	.340
041	1/2-14 NPT	1.25	.362
042	3/4-14 NPT	1.48	.410
043	3/4-14 NPT	1.50	.404
044	1/8-27 NPS	.562	.225
045	1/4-18 NPS	.687	.225
046	1/4-18 NPS	.812	.230
047	3/8-18 NPS	1.00	.280
048	3/8-18 NPS	1.00	.284
049	1/2-14 NPS	1.25	.340
050	1/2-14 NPS	1.25	.362
051	3/4-14 NPS	1.48	.410
052	3/4-14 NPS	1.50	.404

NYLON HEX LOCK NUTS



Part Number: A31 + Code

CODE	THREAD	DIMENSIONS		
		F	W	H
001	2-56	3/16	13/64	9/64
002	4-40	1/4	9/32	3/16
003	6-32	5/16	23/64	13/64
004	8-32	11/32	25/64	7/32
005	10-32	3/8	27/64	1/4
006	10-24	3/8	27/64	1/4
007	1/4-20	7/16	1/2	.275
008	1/4-28	7/16	1/2	9/32
010	5/16-18	9/16	21/32	11/32
011	3/8-16	5/8	23/32	13/32
012	7/16-14	13/16	15/16	17/32
013	1/2-13	51/64	59/64	17/32

CODE	THREAD	DIMENSIONS		
		F	W	H
014	5/8-11	15/16	1.050	.570
022	4-40	1/4	9/32	.173
023	6-32	5/16	.388	.196
024	8-32	11/32	.400	.207
025	10-24	3/8	.424	.225
026	10-32	3/8	.430	.230
027	1/4-20	7/16	1/2	.268
028	9/32-32	7/16	.490	.280
029	5/16-24	.555	.640	.340
030	3/8-24	5/8	.715	.406
031	7/16-14	3/4	.852	.462

- Nuts have through tapered threads; begin locking after starting freely for the first turn
- Excellent sealing, locking action
- Can be used with plastic screws not exceeding full nut engagement
- Threads conform to metal screws

PVC HEX NUTS



Part Number: A28 + Code

CODE	THREAD	HEX	THICK
001	2-56	3/16	1/16
002	4-40	1/4	3/32
003	6-32	5/16	7/64

CODE	THREAD	HEX	THICK
004	8-32	11/32	1/8
005	10-32	3/8	1/8
006	10-24	25/64	1/8

PVC HEX NUTS

Part Number: A29 + Code

CODE	THREAD	HEX	THICK
001	1/4-20	7/16	7/32
002	5/16-18	1/2	17/64
003	3/8-16	9/16	21/64

CODE	THREAD	HEX	THICK
004	1/2-13	3/4	7/16
005	5/8-11	15/16	35/64
006	3/4-10	1-1/8	41/64

TEFLON® (TFE) HEX NUTS

Part Number: A30 + Code

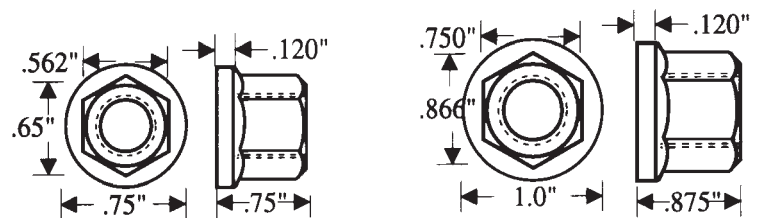
CODE	THREAD	HEX	THICK
001	2-56	3/16	1/16
002	4-40	1/4	3/32
003	6-32	5/16	7/64
004	8-32	11/32	1/8
005	10-32	3/8	1/8
006	1/4-20	7/16	7/32

CODE	THREAD	HEX	THICK
007	5/16-18	1/2	17/64
008	3/8-16	9/16	21/64
009	1/2-13	3/4	7/16
010	5/8-11	15/16	35/64
011	10-24	3/8	.120

MOLDED ISOPLAST FLANGED NUTS

Part Number: K38 + Code

CODE	THREAD
001	3/8-16
002	3/8-24
005	1/2-13
006	1/2-20

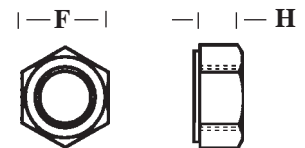


40% Fiberglass filled

MOLDED ISOPLAST HEX NUTS

Part Number: K37 + Code

CODE	THREAD	AF	AC	HEIGHT
001	4-40	1/4	0.354	0.098
002	4-48	1/4	0.354	0.098
003	6-32	5/16	0.442	0.114
004	8-32	11/32	0.486	0.130
005	10-32	3/8	0.530	0.130
006	10-24	3/8	0.530	0.130
007	1/4-20	7/16	0.505	7/32
008	1/4-28	7/16	0.505	7/32
009	5/16-18	1/2	0.577	17/64
010	5/16-24	1/2	0.577	17/64
011	3/8-16	9/16	0.650	21/64
012	3/8-24	9/16	0.650	21/64
013	1/2-13	3/4	0.840	7/16
014	1/2-20	3/4	0.840	7/16
015	5/8-11	15/16	1.083	35/64
016	5/8-18	15/16	1.083	35/64
017	3/4-10	1 1/8	1.299	41/64
018	3/4-16	1 1/8	1.299	41/64
019	7/8-9	1 5/16	1.516	3/4
020	7/8-14	1 5/16	1.516	3/4
021	1-8	1 1/2	1.732	55/64
022	1-12	1 1/2	1.732	55/64
023	1-14	1 1/2	1.732	55/64



40% Fiberglass filled

NYLON THUMB NUTS



Part Number: A39 + Code

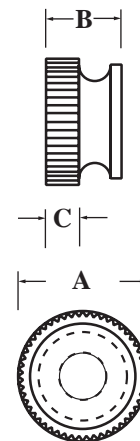
CODE	THREAD	DIAMETER	HEIGHT
001	4-40	5/16	7/32
002	6-32	11/32	21/64
003	8-32	3/8	3/8
004	10-32	13/32	11/32
005	1/4-20	1/2	3/8

- Seals, protects bolt ends; useful as knobs
- Knurled for quick assembly, hand adjustment
- Tolerance: $\pm .015$

NYLON KNURLED THUMB NUTS

Part Number: A40 + Code

CODE	THREAD SIZE	A	B	C
001	4-40	.300	.280	.120
002	6-32	.360	.275	.125
003	8-32	.425	.305	.140
004	10-24	.425	.325	.140
005	10-32	.425	.325	.140
006	1/4-20	.540	.365	.155
007	5/16-18	.612	.400	.170

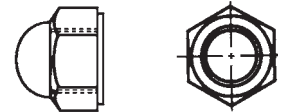


- "A" and "B" tolerances $\pm .010$

NYLON SELF-THREADING LOCK CAP NUTS

Part Number: A32 + Code

CODE	THREAD	HEX SIZE	OVERALL HEIGHT	THREADED HOLE DEPTH
001	4-40	1/4	.286	7/32
002	6-32	1/4	.260	7/32
003	8-32	5/16	.322	1/4
004	10-24	3/8	.385	5/16
005	10-32	3/8	.385	5/16
006	1/4-20	7/16	.478	13/32
007	5/16-18	9/16	.600	1/2



- Have self threaded collars for torque locking action
- Molded threads for easy assembly
- Low cost, excellent strength, toughness, and low weight make them superior to aluminum lock nuts

NYLON HEX LOCK CAP NUTS

Part Number: A33 + Code

CODE	THREAD	HEX	HEIGHT
001	4-40	1/4	17/64
002	6-32	5/16	5/16
003	8-32	5/16	11/32
004	10-32	3/8	3/8
005	10-24	3/8	3/8

CODE	THREAD	HEX	HEIGHT
006	1/4-20	7/16	15/32
007	5/16-18	9/16	17/32
008	3/8-16	5/8	.595
009	7/16-14	13/16	29/32
010	1/2-13	13/16	29/32



- Closed end, washer base, tapered locking threads

NYLON THREADED CAP NUTS

Part Number A34 + Code

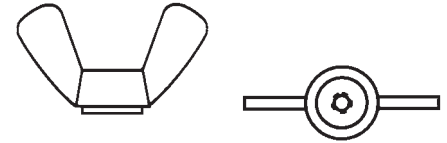
CODE	THREAD	HEX	HEIGHT
001	4-40	.250	.280
004	6-32	.305	.345
005	8-32	5/16	.290
006	8-32	.330	.375
007	10-24	5/16	9/32
008	10-24	.365	.400

CODE	THREAD	HEX	HEIGHT
009	10-32	.365	.400
010	1/4-20	.425	.475
011	5/16-18	.500	.530
012	3/8-16	.560	.620
013	1/2-13	.750	.810
014	5/8-11	.935	.970



- Molded & tapped threads

NYLON SOLID WING NUTS

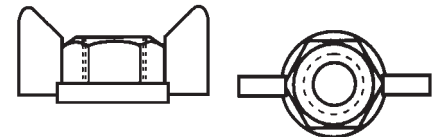


Part Number: A35 + Code

CODE	THREAD	WING SPAN	OVERALL HEIGHT
001	4-40	57/64	1/2
002	6-32	57/64	1/2
003	8-32	57/64	1/2
004	10-24	57/64	1/2
005	10-32	57/64	1/2
006	10-24	1-1/64	5/8
007	10-32	1-1/64	5/8
008	1/4-20	1-1/64	5/8

CODE	THREAD	WING SPAN	OVERALL HEIGHT
009	1/4-28	1-1/64	5/8
010	1/4-20	1-3/8	23/32
011	1/4-28	1-3/8	23/32
012	5/16-18	1-3/8	23/32
013	3/8-16	1-3/8	23/32
014	7/16-14	1-3/4	29/32
015	1/2-13	1-3/4	29/32
016	9/16-12	1-3/4	29/32

NYLON LOCK WING NUTS



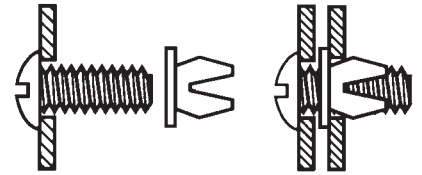
Part Number: A38 + Code

CODE	THREAD	WING SPAN	HEIGHT
001	4-40	.660	.320
002	6-32	.823	.370
003	8-32	.900	.403
004	10-32	1.00	.447
005	10-24	1.00	.447

CODE	THREAD	WING SPAN	HEIGHT
006	1/4-20	1.040	.527
007	5/16-18	1.340	.705
008	3/8-16	1.460	.800
009	7/16-14	1.790	.900
010	1/2-13	1.790	.900

NYLON BLIND SNAP-IN NUTS

Square Head



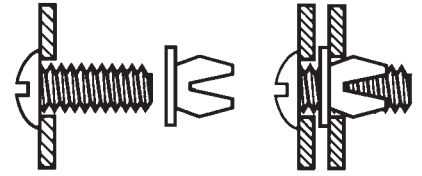
Part Number: B12 + Code

CODE	SELF-TAPPING SCREW SIZE	PANEL HOLE*	PANEL THICKNESS	HEAD SIZE	PRONG LENGTH
001	4	.173-.178	.031-.078	.218 x .050	.218
002	6	.250-.255	.031-.109	.437 x .093	.312
003	6 or 8	.245-.255	.031-.125	.375 x .030	.281
004	8	.265-.281	.031-.156	.375 x .032	.325
005	8	.275-.285	.031-.156	.406 x .032	.325
006	8	.275-.285	.031-.156	.406 x .062	.325
010	12	.375-.380	.031-.109	.625 x .078	.281
012	8 or 10	.275-.290	.031-.125	.375 x .031	.320
013	8 or 10	.275-.290	.031-.125	.375 x .062	.320
014	8 or 10	.275-.290	.031-.125	.375 x .125	.320
015	8 or 10	.275-.290	.031-.125	.375 x .250	.320
016	1/4	.375	.031-.125	.625 x 1.062	.281
017	6	.270	.062-.375	.375 x .031	.435
018	8	.225-.255	.031-.125	.375 x .187	.300
019	6 or 8	.245-.255	.031-.125	.375 x .031	.281
020	6	.250-.255	.110-.125	.375 x .031	.265
021	4	.173-.178	.031-.078	.218 x .250	.218
022	6	.250-.270	.062-.155	.375 x .032	.312
023	8	.285	.078-.175	.380 x .045	.340
024	8 or 10	.275-.280	.040-.045	.370 x .032	.330
025	1/4	.375-.390	.230	.625 x .080	.438
026	8 or 10	.350-.355	.218-.230	.475 x .062	.421
027	10	.370-.390	.064-.187	.609 x .085	.290
028	8	.305-.315	.031-.175	.470 x .060	.300
029	8	.270-.310	.031-.170	.405 x .062	.312
030	10	.310	.031-.170	.465 x .062	.295
031	10	.320	.031-.155	.650 x .072	.305
032	2	.245-.270	.047-.095	.375 x .032	.240
033	8	.335-.340	.062-.125	.512 x .075	.315
034	6	.270	.062-.125	.390 x .050	.275
035	4	.275-.285	.031-.125	.375 x .050	.218
036	6	.200-.270	.032-.156	.312/.437 x .035	.312
037	6	.275-.280	.062-.120	.390 x .055	.281
038	6	.260-.270	.093-.187	.410 x .040	.310
039	8	.265	.047-.180	.375 x .032	.327

*PANEL HOLE SIZE:

- Will vary slightly depending on panel thickness; write for recommendations on your particular application
- Burr side of hole should be opposite grommet entry

NYLON BLIND SNAP-IN NUTS
Square Head (continued)



Part Number: B12 + Code

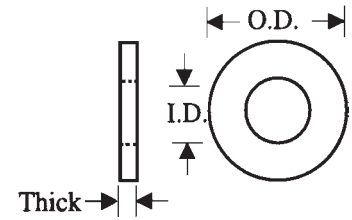
CODE	SELF-TAPPING SCREW SIZE	PANEL HOLE*	PANEL THICKNESS	HEAD SIZE	PRONG LENGTH
040	1/4	.365	.062-.120	.625 x .080	.281
041	1/4	.370-.375	.062-.120	.625 x .080	.281
042	1/4	.410	.031-.062	.630 x .140	.280
043	10	.320-.335	.032-.234	.470 x .055	.420
044	10	.335-.345	.062-.171	.468 x .095	.400
045	8	.330-.365	.032-.095	.500 x .094	.295
046	6	.250-.260	.062-.125	.375 x .140	.265

NYLON BLIND SNAP-IN NUTS
Round Head

Part Number: B12 + Code

CODE	SELF-TRAPPING SCREW SIZE	PANEL HOLE*	PANEL THICKNESS	HEAD SIZE	PRONG LENGTH
007	8	.275-.285	.031-.156	.500 x .130	.325
008	8 or 10	.281-.286	.031-.109	.500 x .375	.281
009	1/4	.330-.343	.031-.156	.562 x .062	.325
011	5/16	.425-.430	.031-.109	.750 x .187	.312
047	6	.270-.280	.062-.165	.375 x .093	.297
048	8 or 10	.275-.290	.031-.125	.500 x .031	.320
049	8 or 10	.271-.290	.031-.125	.500 x .062	.320
050	8 or 10	.271-.290	.031-.125	.500 x .125	.320
051	8 or 10	.275-.290	.031-.125	.500 x .250	.320
052	8	.275-.290	.031-.156	.500 x .375	.320
053	8 or 10	.275-.290	.031-.156	.500 x .708	.315
054	6	.280-.285	.032-.150	.500 x .719	.344
055	8 or 10	.275-.290	.031-.125	.437 x .032	.325
056	8 or 10	.275-.290	.031-.109	.547 x 1.062	.281
057	8	.285-.290	.031-.094	.455 x 1.505	.275
058	12	.350-.355	.032-.125	.531 x .125	.281
059	10	.310	.031-.160	.500 x .035	.292
060	1/4	.415-.430	.032-.135	.750 x .062	.310
061	10	.325-.330	.031-.156	.565 x .062	.320
062	8	.275	.062-.170	.495 x .312	.325

NYLON WASHERS



Part Number: C11 + Code

CODE	SCREW SIZE	ID	OD	THICK
001	00	.060	5/32	.010
002	0	.065	1/8	.010
003	0	.065	3/16	.010
004	0	.065	3/16	.015
005	1	.080	3/16	.010
006	1	.080	3/16	.015
007	2	.090	3/16	.015
008	2	.090	3/16	.020
009	2	.090	3/16	.025
010	2	.090	3/16	.030
011	2	.090	1/4	.015
012	2	.090	1/4	.020
013	2	.090	1/4	.025
014	2	.090	1/4	.030
015	3	.105	1/4	.020
016	4	.120	1/4	.015
017	4	.120	1/4	.020
018	4	.120	9/32	.020
019	4	.120	9/32	.030
020	4	.120	9/32	.040
021	4	.120	9/32	.045
022	5	.140	9/32	.020
023	5	.140	9/32	.030
024	6	.150	5/16	.020
025	6	.150	5/16	.025
026	6	.150	5/16	.030
027	6	.150	5/16	.040
028	6	.150	5/16	.045
029	6	.150	5/16	.060
030	8	.170	3/8	.020
031	8	.170	3/8	.030
032	8	.170	3/8	.040
033	8	.170	3/8	.045

CODE	SCREW SIZE	ID	OD	THICK
034	8	.170	3/8	.060
035	10	.195	7/16	.020
036	10	.195	7/16	.030
037	10	.195	7/16	.040
038	10	.195	7/16	.045
039	10	.195	7/16	.060
040	10	.210	7/16	.060
041	1/4	.250	9/16	.060
042	1/4	.260	11/16	.020
043	1/4	.260	11/16	.030
044	1/4	.260	11/16	.040
045	1/4	.260	11/16	.060
046	1/4	.265	9/16	.020
047	1/4	.265	9/16	.030
048	1/4	.265	9/16	.045
049	1/4	.265	9/16	.060
050	1/4	.265	5/8	.060
051	1/4	.280	5/8	.060
052	5/16	.340	11/16	.060
053	5/16	.343	7/8	.060
054	5/16	.340	7/8	.125
055	3/8	.406	13/16	.060
056	3/8	.411	1	.060
057	3/8	.405	1	.125
058	1/2	.531	1	.060
059	1/2	.562	1-1/4	.060
060	1/2	.562	1-3/8	.125
061	5/8	.656	1-1/4	.093
062	5/8	.656	1-1/2	.125
063	3/4	.812	1-3/8	.093
064	3/4	.812	1-3/8	.125
065	3/4	.812	1-1/2	.093
066	3/4	.812	1-3/4	.125

☐ Available in Acetal, Polyethylene, Polypropylene, and Phenolic

NYLON WASHERS

Part Number: C11 + Code

CODE	ID	OD	THICK
680	.067	.187	.045
149	.070	.167	.010
150	.075	.187	.025
151	.090	.375	.030
152	.093	.375	.010
153	.100	.190	.025
154	.105	.187	.015
075	.120	.312	.020
155	.120	.437	.030
156	.125	.187	.030
157	.125	.312	.010
158	.125	.500	.093
159	.125	.750	.030
082	.156	.250	.030
084	.156	.375	.030
085	.174	.312	.031
089	.187	.375	.062
094	.187	.344	.031
160	.188	.375	.010
161	.200	.339	.032
162	.245	.610	.060
101	.250	.375	.032
163	.250	.530	.025
164	.257	.500	.010
165	.260	.375	.030
166	.260	.437	.040
113	.280	.562	.062
167	.285	.510	.015

CODE	ID	OD	THICK
168	.312	.562	.050
169	.312	.687	.060
170	.312	.750	.062
171	.312	1.250	.010
116	.325	.500	.030
118	.330	.625	.025
172	.332	.562	.031
119	.375	.562	.020
173	.380	.750	.040
125	.390	.750	.030
126	.405	.875	.032
174	.405	.687	.050
147	.420	.880	.050
175	.475	.875	.062
130	.500	.675	.062
133	.500	2.000	.040
176	.500	1.875	.062
135	.531	.750	.125
177	.531	1.250	.093
138	.625	1.000	.030
178	.630	.880	.030
179	.631	2.000	.032
143	.660	.870	.060
180	.687	1.500	.060
181	.760	1.063	.094
146	.812	1.750	.062
182	.880	1.170	.030
183	.937	1.500	.062

SPECIAL NYLON WASHERS

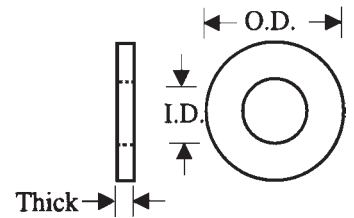
Part Number: C20 + Code

CODE	ID	OD	THICK
097	.031	.156	.062
002	.076	.110	.108
147	.078	1.312	.120
137	.093	.196	.040
098	.094	.195	.074
004	.098	.500	.124
006	.105	.378	.186
145	.120	.314	.090
011	.125	.312	.047
143	.125	.255	.020
150	.125	1.000	.250
014	.130	.248	.205
130	.130	.273	.030
151	.130	.375	.125
126	.156	.500	.015
016	.157	.380	.132
018	.160	.444	.133
021	.163	.500	.125
022	.163	.625	.125
139	.168	.407	.084
141	.170	.437	.125
101	.180	.316	.168
027	.189	.318	.125
028	.190	.316	.261
102	.190	.312	.204
152	.191	.578	.125
036	.192	.750	.070
140	.200	.375	.016
041	.203	.466	.126
042	.207	.302	.130

CODE	ID	OD	THICK
044	.210	.500	.170
110	.218	.500	.187
124	.218	.406	.040
108	.225	.375	.089
153	.225	.348	.250
048	.226	.316	.170
136	.230	.500	.040
132	.231	.500	.031
146	.234	.406	.062
056	.245	.495	.245
125	.250	.500	.015
134	.257	.375	.060
057	.260	.625	.093
061	.260	.378	.176
113	.260	.500	.218
154	.260	.380	.100
062	.265	.437	.062
155	.307	.583	.135
068	.312	.438	.032
068	.315	.555	.046
072	.328	.875	.032
156	.328	1.000	.125
128	.375	.562	.030
074	.378	.504	.375
157	.380	.615	.120
148	.395	.660	.065
077	.450	.521	.148
158	.460	.750	.125
133	.485	.820	.062
078	.500	.820	.093

CODE	ID	OD	THICK
127	.500	1.000	.031
081	.513	.730	.120
080	.515	.828	.025
131	.530	.750	.060
135	.531	.930	.065
129	.563	.750	.060
082	.565	.812	.094
084	.572	1.250	.220
159	.625	1.000	.232
085	.628	.828	.025
086	.630	1.000	.094
087	.640	1.015	.075
088	.640	1.125	.031
089	.675	.875	.094
160	.687	1.250	.240
138	.700	.900	.031
091	.790	1.000	.094
161	.800	1.400	.125
122	.804	1.000	.094
162	.819	1.250	.300
163	.820	1.250	.242
092	.875	1.125	.093
142	.880	1.170	.030
093	.935	1.125	.094
123	1.025	1.188	.094
094	1.290	2.140	.098
164	1.375	2.500	.125
144	1.390	1.750	.062
095	1.555	2.058	.120
096	1.612	3.170	.254

NYLON WASHERS



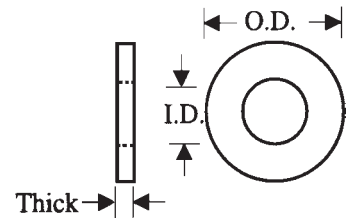
Part Number: C18 + Code

CODE	SCREW SIZE	ID	OD	THICK
001	2	.090	.250	.032
002	2	.090	.250	.062
003	2	.090	.250	.093
004	2	.090	.250	.125
005	4	.115	.250	.032
006	4	.115	.250	.062
007	4	.115	.250	.093
008	4	.115	.250	.125
009	4	.115	.281	.047
010	4	.125	.250	.062
011	4	.125	.312	.062
012	4	.125	.375	.062
013	4	.125	.437	.062
014	6	.140	.312	.032
015	6	.140	.312	.047
016	6	.140	.312	.062
017	6	.140	.312	.093
018	6	.140	.312	.125
019	6	.147	.250	.062
020	6	.147	.375	.062
021	6	.147	.437	.062
022	8	.171	.375	.032
023	8	.171	.375	.062
024	8	.171	.375	.093
025	8	.171	.375	.125
026	8	.174	.250	.062
027	8	.174	.312	.062
028	8	.174	.437	.062
029	8	.174	.500	.062
030	10	.194	.375	.032
031	10	.194	.375	.062
032	10	.194	.375	.093
033	10	.194	.375	.125
035	10	.200	.437	.062
036	10	.200	.500	.062

CODE	SCREW SIZE	ID	OD	THICK
037	10	.203	.562	.062
038	10	.200	.625	.062
040	1/4	.257	.500	.032
041	1/4	.257	.500	.062
042	1/4	.257	.500	.093
043	1/4	.257	.500	.125
044	1/4	.260	.562	.062
045	1/4	.250	.625	.062
046	1/4	.260	.625	.125
047	1/4	.260	.687	.062
048	1/4	.260	.687	.125
049	1/4	.260	.750	.062
050	1/4	.260	.745	.125
051	5/16	.317	.500	.032
052	5/16	.317	.500	.062
053	5/16	.317	.500	.093
054	5/16	.317	.500	.125
055	3/8	.380	.531	.093
056	3/8	.380	.625	.032
057	3/8	.380	.625	.062
058	3/8	.380	.625	.093
059	3/8	.380	.625	.125
060	3/8	.390	.500	.062
062	3/8	.390	.687	.062
063	3/8	.390	.687	.125
064	3/8	.390	.750	.062
065	3/8	.394	.757	.125
066	7/16	.443	.750	.032
067	7/16	.443	.750	.062
068	7/16	.443	.750	.093
069	7/16	.443	.750	.125
070	1/2	.505	.750	.032
071	1/2	.505	.750	.062
072	1/2	.505	.750	.093
073	1/2	.505	.750	.125

- Elastic and resilient, allows conformity to irregular surfaces
- Seals, dampens vibration
- Versatile; insulation, shock load use
- Low/no lubrication requirement allows anti-friction bearing
- Can be used as spacer

SPECIAL NYLON WASHERS

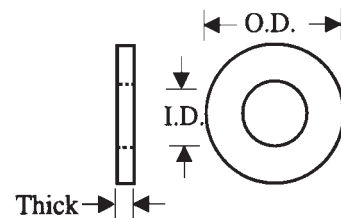


Part Number: C14 + Code

CODE	ID	OD	THICK
001	.031	.090	.031
005	.031	.153	.062
010	.032	.125	.060
015	.035	.100	.020
020	.038	.170	.060
025	.040	.138	.033
030	.045	.120	.130
035	.050	.156	.200
040	.051	.185	.132
044	.060	.160	.025
045	.062	.312	.125
050	.063	.120	.180
055	.063	.312	.090
060	.065	.179	.078
065	.076	.156	.062
070	.081	.259	.062
075	.082	.695	.077
080	.085	.196	.031
085	.086	.187	.130
090	.090	.250	.055
095	.094	.188	.020
100	.094	.219	.100
105	.094	.375	.281
110	.095	.312	.062
115	.098	.178	.045
120	.098	.186	.030
125	.100	.197	.156
130	.100	1.250	.060
135	.104	.220	.031
140	.110	.158	.070
144	.110	.220	.125
145	.110	.312	.125
150	.110	.314	.062
155	.112	.206	.053
160	.113	.240	.040

CODE	ID	OD	THICK
165	.115	.199	.050
170	.115	.197	.030
175	.115	.312	.140
180	.120	.182	.125
185	.120	.187	.060
190	.120	.187	.062
195	.120	.190	.100
200	.120	.218	.037
205	.120	.275	.062
210	.120	.288	.040
215	.120	.280	.030
220	.120	.281	.020
225	.120	.281	.040
230	.120	.281	.060
235	.122	.278	.050
240	.125	.199	.045
245	.125	.225	.100
250	.125	.235	.040
255	.125	.250	.095
260	.125	.250	.150
265	.125	.312	.032
270	.125	.315	.031
275	.125	.375	.040
280	.125	.375	.072
285	.125	.500	.125
290	.125	.625	.062
295	.126	.250	.025
300	.128	.245	.093
305	.128	.322	.062
310	.130	.187	.150
315	.130	.285	.060
320	.130	.355	.062
321	.130	.450	.125
325	.131	.375	.093
330	.135	.295	.127

SPECIAL NYLON WASHERS (CONTINUED)

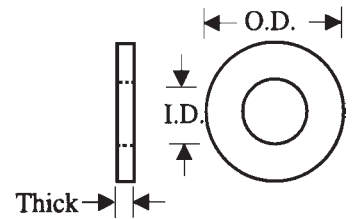


Part Number: C14 + Code

CODE	ID	OD	THICK
335	.138	.310	.030
340	.139	.180	.064
345	.140	.500	.032
350	.140	.260	.080
355	.140	.250	.094
360	.140	.250	.150
365	.140	.281	.020
370	.140	.375	.080
375	.141	.187	.125
380	.141	.234	.090
385	.141	.250	.062
390	.141	.375	.031
395	.141	.562	.062
400	.142	.250	.110
405	.144	.500	.125
410	.147	.250	.125
415	.150	.225	.045
420	.150	.312	.020
425	.150	.312	.030
430	.150	.312	.040
435	.150	.312	.050
440	.150	.312	.060
445	.150	.329	.060
450	.150	.375	.030
455	.150	.750	.055
460	.151	.251	.035
465	.153	.375	.063
470	.155	.280	.160
475	.156	.250	.100
480	.156	.320	.031
485	.156	.438	.062
490	.156	.440	.032
495	.156	.687	.135
500	.156	1.000	.062

CODE	ID	OD	THICK
505	.157	.315	.197
510	.160	.250	.062
515	.160	.285	.032
520	.162	.312	.062
525	.165	.500	.075
530	.165	.625	.250
535	.169	.354	.031
540	.170	.375	.040
545	.170	.375	.050
550	.170	.682	.062
555	.171	.246	.100
560	.171	.250	.100
565	.171	.630	.060
570	.172	.375	.060
575	.177	.408	.062
580	.187	.250	.130
585	.187	.256	.045
590	.187	.312	.050
595	.187	.380	.155
600	.187	.440	.093
605	.187	.625	.062
610	.187	.750	.156
615	.188	.500	.032
620	.188	1.500	.068
625	.189	1.006	.064
629	.190	.223	.102
630	.190	.282	.065
635	.190	.310	.032
640	.190	.335	.032
645	.190	.434	.125
650	.190	.375	.065
655	.191	.750	.100
660	.192	.312	.110
665	.193	.510	.050

SPECIAL NYLON WASHERS (CONTINUED)

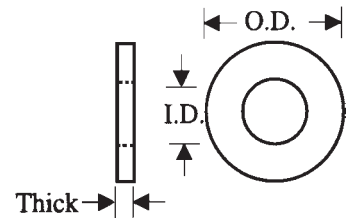


Part Number: C14 + Code

CODE	ID	OD	THICK
670	.193	.750	.040
675	.194	.525	.032
680	.194	.625	.125
685	.195	.245	.125
705	.195	.437	.050
720	.197	.353	.157
725	.200	.380	.030
730	.200	.390	.031
735	.200	.437	.115
740	.200	.437	.090
745	.200	.450	.048
750	.202	.435	.187
755	.207	.270	.050
760	.209	.435	.039
765	.209	.478	.126
770	.209	.492	.020
775	.209	.620	.187
780	.210	.280	.125
785	.210	.375	.160
790	.210	.375	.152
795	.215	.740	.095
800	.217	.313	.125
805	.218	.375	.032

CODE	ID	OD	THICK
810	.218	.438	.156
815	.218	.625	.062
820	.218	.625	.125
825	.218	.625	.500
830	.218	.625	.250
835	.218	.625	.031
840	.218	.750	.187
845	.219	.500	.156
850	.220	.295	.127
855	.220	.374	.062
860	.220	.740	.120
865	.220	.738	.155
870	.221	.377	.095
885	.225	.348	.114
890	.225	.450	.048
895	.226	1.258	.065
900	.228	.312	.250
905	.230	.970	.125
910	.234	.406	.062
915	.235	.425	.130
920	.240	.350	.040
925	.242	.375	.062

SPECIAL NYLON WASHERS

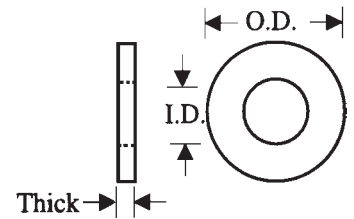


Part Number: C15 + Code

CODE	ID	OD	THICK
001	.250	.375	.093
005	.250	.375	.150
010	.250	.435	.094
015	.250	.465	.015
020	.250	.500	.150
025	.250	.562	.031
030	.250	.625	.190
035	.250	.719	.062
040	.250	1.250	.255
045	.250	1.250	.062
050	.250	1.375	.064
055	.250	1.395	.118
060	.251	.389	.125
065	.252	.472	.059
070	.252	.622	.060
075	.253	.375	.084
080	.253	.443	.125
085	.254	.565	.094
090	.254	1.000	.325
095	.255	.382	.195
100	.255	.437	.062
105	.255	.500	.075
110	.255	.555	.047
115	.255	.900	.125
120	.257	.625	.020
125	.257	.875	.031
130	.257	.875	.062
135	.257	1.250	.255
140	.260	.312	.127
145	.260	.312	.070
150	.260	.350	.062
155	.260	.437	.047
160	.260	.490	.245
165	.260	.560	.125
170	.260	.615	.100

CODE	ID	OD	THICK
175	.260	.625	.140
180	.260	.687	.050
185	.260	.745	.066
190	.261	.750	.095
195	.262	.500	.150
200	.265	.620	.192
205	.265	.625	.093
210	.265	.875	.093
215	.265	1.000	.312
220	.266	.731	.118
225	.270	.618	.220
230	.274	.750	.250
231	.275	1.000	.062
235	.280	.335	.195
240	.280	.630	.030
245	.280	.687	.031
250	.281	.490	.030
255	.281	.625	.110
260	.281	.625	.210
265	.281	.719	.062
270	.281	1.250	.063
275	.282	.753	.123
280	.283	.638	.077
285	.290	.445	.033
290	.295	.685	.062
295	.296	.750	.032
300	.300	.750	.125
305	.301	.620	.039
310	.307	.578	.125
315	.310	.495	.095
320	.310	.750	.375
325	.310	1.175	.125
330	.310	1.205	.120
335	.312	.500	.156
340	.312	.500	.125

SPECIAL NYLON WASHERS (CONTINUED)

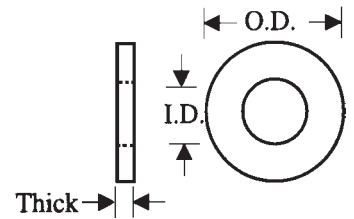


Part Number: C15 + Code

CODE	ID	OD	THICK
345	.312	.625	.250
350	.312	.812	.125
355	.312	.855	.125
360	.312	.875	.187
365	.312	1.000	.032
370	.312	1.000	.187
375	.313	.531	.031
380	.315	.625	.031
385	.315	.625	.125
390	.315	.872	.062
395	.316	1.121	.034
400	.317	.500	.032
405	.317	.565	.095
410	.317	.750	.062
415	.317	.890	.245
420	.318	.680	.187
425	.318	.688	.190
430	.320	.500	.170
435	.320	.500	.200
440	.320	.500	.250
445	.320	.500	.281
450	.320	.560	.187
455	.320	.562	.020
460	.320	.562	.125
465	.320	.750	.250
470	.320	1.000	.375
475	.323	.750	.125
480	.327	.630	.075
485	.328	.390	.079
490	.328	.562	.095
495	.328	.590	.147
500	.328	.750	.032
505	.330	1.375	.125
510	.331	.944	.098
515	.336	.709	.079

CODE	ID	OD	THICK
520	.337	.683	.063
525	.340	.615	.125
530	.340	.740	.062
535	.340	.865	.187
540	.340	1.260	.250
545	.343	.500	.109
550	.343	.687	.031
555	.343	.885	.062
560	.343	.980	.065
565	.344	.437	.062
570	.344	.687	.064
575	.350	.620	.188
580	.352	.750	.031
585	.360	.735	.160
590	.360	.983	.120
595	.363	.547	.062
600	.365	1.235	.110
605	.373	.560	.031
610	.375	.453	.062
615	.375	.505	.050
620	.375	.500	.087
623	.375	.645	.064
625	.375	.750	.062
630	.375	.750	.125
635	.375	.825	.100
640	.375	.900	.055
644	.375	1.000	.020
645	.375	1.000	.062
650	.375	1.500	.375
655	.377	.875	.062
660	.377	1.170	.125
665	.380	.750	.094
670	.380	.875	.093
675	.380	1.250	.125
680	.380	1.370	.125

SPECIAL NYLON WASHERS (CONTINUED)

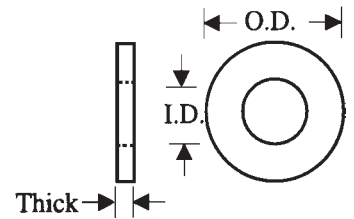


Part Number: C15 + Code

CODE	ID	OD	THICK
685	.381	.932	.031
690	.382	.738	.160
695	.382	.750	.066
700	.385	.500	.160
705	.385	.625	.185
710	.385	.750	.200
715	.385	.750	.020
720	.385	.885	.062
725	.385	.880	.125
730	.386	.812	.187
735	.388	.695	.059
740	.390	.625	.265
745	.390	.688	.031
750	.390	.720	.300
755	.390	.750	.050
760	.390	.750	.140
765	.390	.875	.093
770	.390	.880	.062
775	.390	1.120	.125
780	.390	1.267	.045
785	.390	1.265	.156
790	.394	.785	.080

CODE	ID	OD	THICK
795	.395	.748	.093
800	.396	.598	.175
805	.400	.748	.089
810	.400	1.270	.062
815	.402	.528	.039
820	.402	.807	.065
825	.405	.540	.112
830	.406	.625	.120
835	.406	.750	.032
840	.406	.750	.200
850	.406	1.055	.250
855	.408	.875	.060
860	.410	.625	.033
865	.410	1.010	.100
870	.413	.866	.098
875	.413	1.181	.098
880	.418	.805	.062
885	.421	.692	.031
890	.421	.687	.062
895	.422	.625	.203
900	.435	.810	.060

SPECIAL NYLON WASHERS

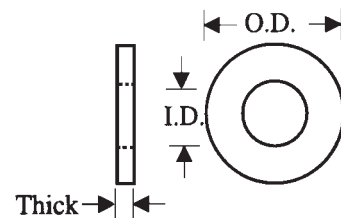


Part Number: C16 + Code

CODE	ID	OD	THICK
001	.437	.625	.093
005	.437	.625	.250
010	.437	.876	.502
015	.437	1.500	.130
020	.440	.650	.125
025	.443	.745	.095
030	.450	1.000	.125
035	.450	1.375	.090
040	.453	.938	.155
045	.461	.709	.110
050	.463	.523	.060
055	.463	.713	.065
060	.470	.750	.200
065	.472	.929	.126
070	.473	.685	.190
075	.475	.525	.070
080	.477	1.184	.079
085	.480	.825	.100
090	.481	.554	.030
095	.481	.671	.031
100	.490	.710	.125
105	.495	.809	.059
110	.500	.625	.132
115	.500	.775	.120
120	.500	.875	.125
125	.500	.880	.065
130	.500	.900	.075
135	.500	1.000	.100
140	.500	1.125	.062
145	.500	1.500	.125
150	.503	.820	.095
155	.503	1.120	.033
160	.505	.625	.092
165	.505	1.000	.125
170	.505	1.500	.130

CODE	ID	OD	THICK
175	.506	.745	.150
180	.506	.940	.064
185	.507	.692	.042
190	.510	.805	.220
195	.510	1.375	.062
200	.510	2.000	.060
205	.512	1.570	.118
210	.514	.743	.093
215	.515	.775	.250
220	.515	.900	.060
225	.515	.750	.250
230	.515	1.468	.050
235	.515	1.500	.437
240	.516	1.250	.062
245	.518	1.000	.080
250	.521	1.490	.120
255	.522	.712	.062
260	.523	1.363	.051
265	.525	1.375	.125
270	.526	.718	.219
275	.526	.718	.281
280	.530	.750	.230
285	.530	1.375	.173
290	.531	.697	.158
295	.531	.740	.187
300	.531	.865	.200
305	.531	.870	.187
310	.531	1.625	.312
315	.540	1.120	.125
320	.544	.817	.140
325	.558	.755	.030
330	.562	1.000	.125
335	.562	1.250	.032
340	.565	.700	.062
345	.568	.687	.062

SPECIAL NYLON WASHERS (CONTINUED)

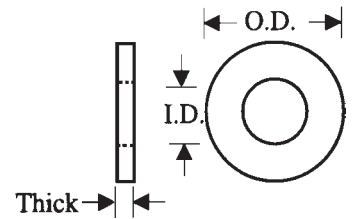


Part Number: C16 + Code

CODE	ID	OD	THICK
350	.570	.715	.100
355	.578	.756	.110
360	.580	.937	.082
365	.583	.937	.062
370	.589	.882	.085
375	.590	.778	.032
380	.605	1.128	.239
385	.621	.805	.125
390	.625	.750	.170
391	.625	.812	.032
395	.625	.937	.093
400	.625	1.718	.050
405	.627	.875	.114
410	.630	.812	.100
415	.630	.812	.220
420	.630	1.130	.060
425	.630	1.562	.062
430	.630	2.000	.125
435	.631	1.000	.128
440	.631	1.004	.065
445	.632	1.000	.185
450	.632	2.930	.150
455	.633	.782	.125
460	.635	.995	.250
465	.635	1.120	.140
470	.640	.781	.031
475	.643	1.225	.100
480	.645	1.310	.120
485	.656	.844	.060
490	.656	1.375	.125
495	.659	1.575	.118
500	.665	1.500	.094
505	.688	.865	.155
510	.695	.812	.093
515	.696	1.500	.120

CODE	ID	OD	THICK
520	.697	1.425	.100
525	.730	.840	.125
530	.730	1.000	.062
535	.740	1.060	.100
540	.740	1.062	.225
545	.750	1.505	.053
550	.755	1.000	.175
555	.755	1.500	.125
559	.750	1.000	.060
560	.760	1.000	.062
565	.760	1.420	.100
570	.765	1.250	.080
575	.765	1.490	.100
580	.771	.993	.124
585	.805	1.250	.060
590	.805	2.000	.062
595	.810	1.490	.062
600	.812	1.057	.125
605	.812	1.250	.080
610	.812	3.132	.125
615	.844	1.031	.040
620	.844	1.000	.125
625	.875	1.117	.195
630	.875	1.250	.125
635	.880	1.280	.062
640	.889	1.125	.060
645	.928	1.750	.275
650	.938	1.310	.040
655	.948	1.800	.057
660	.984	1.203	.050
665	1.000	1.312	.191
670	1.000	1.312	.125
675	1.000	1.437	.069
680	1.000	1.450	.063
685	1.000	1.563	.062

SPECIAL NYLON WASHERS (CONTINUED)



Part Number: C16 + Code

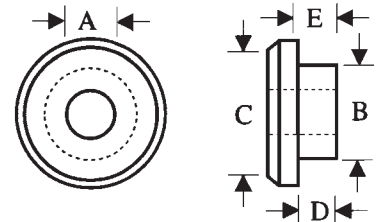
CODE	ID	OD	THICK
690	1.000	1.625	.187
695	1.001	1.245	.031
700	1.010	2.260	.075
705	1.015	1.375	.125
710	1.015	1.500	.080
715	1.026	1.312	.191
720	1.028	1.850	.120
725	1.031	1.218	.040
730	1.075	2.500	.125
735	1.080	2.000	.160
740	1.088	1.312	.062
745	1.125	2.935	.093
750	1.180	1.458	.100
755	1.255	1.695	.065
760	1.270	3.000	.093
765	1.275	2.275	.120
770	1.280	2.010	.135
775	1.325	2.000	.310

CODE	ID	OD	THICK
780	1.375	1.625	.110
785	1.395	1.650	.140
790	1.405	1.635	.093
795	1.420	2.180	.050
800	1.490	2.970	.125
805	1.495	1.619	.245
810	1.500	1.724	.118
815	1.500	1.906	.093
820	1.525	2.000	.060
825	1.525	1.985	.125
830	1.625	2.995	.093
835	1.720	2.205	.050
840	1.750	2.500	.125
845	1.760	2.135	.130
850	1.800	2.060	.055
855	1.930	2.690	.125
860	2.620	3.260	.062
865	2.800	3.016	.072

NYLON SHOULDER WASHERS

Part Number C26 + Code

CODE	SIZE	A	B	C	D	E
001	2	.093	5/32	1/4	.040	.040
002	4	.122	3/16	9/32	.040	.040
003	6	.146	7/32	21/64	.040	.040
004	8	.174	1/4	3/8	.050	.050
005	10	.201	9/32	7/16	.050	.050
006	1/4	.260	3/8	9/16	.060	.060
007	3/8	.385	1/2	3/4	.060	.060



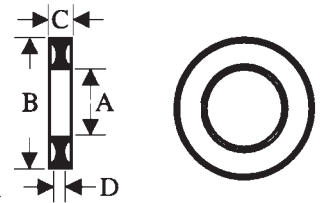
- Use in applications where metal screws must be insulated completely from the mounting surface
- As a through chassis bushing to insulate and protect wires, tubing, etc.

NYLON DUBO LOCK WASHERS

Part Number C22 + Code

CODE	SCREW SIZE	A	B	C	D
001	2	.083	.209	.059	.020
002	4	.125	.314	.086	.031
003	6	.150	.354	.095	.036
004	8	.163	.374	.102	.039
005	10	.202	.417	.118	.047

CODE	SCREW SIZE	A	B	C	D
006	1/4	.255	.500	.137	.055
007	5/16	.318	.637	.157	.062
008	3/8	.381	.771	.177	.070
009	7/16	.444	.862	.185	.074
010	1/2	.503	1.00	.196	.078

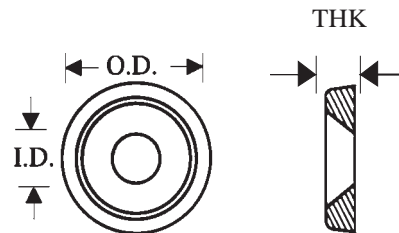


- Locks, seals metal fasteners using unique "cold flow" principle:
Torqued nut causes washer ID to flow into screw or bolt threads
Washer OD flows outward, completely surrounding nut base and engaging hex corners
- Reusable, easy to assemble

NYLON FINISHING WASHERS

Part Number C25 + Code

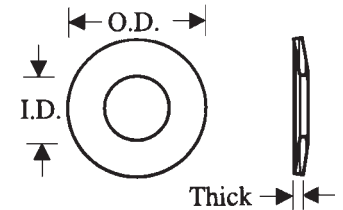
CODE	SCREW SIZE	ID	OD	THICK
001	6	.143	7/16	.100
002	8	.171	33/64	.115
003	10	.191	37/64	.152
004	1/4	.251	11/16	.183



DELTRIN CONICAL WASHERS/SPRING WASHERS

Part Number C21 + Code

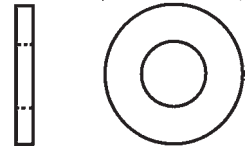
CODE	SCREW SIZE	ID	OD	MATERIAL THICKNESS	FREE HEIGHT
001	6	.150	.312	.025	.045
003	1/4	.260	.562	.037	.065



- Excellent spring properties of DELTRIN
- Inexpensive, lightweight
- Corrosion, wear resistant
- Electrical, thermal insulation
- Acetal lubricity allows use in rotating assemblies, as well as under water
- Provides constant pressure during heat expansion; eliminates rattles
- Provides accurate spacing and tension, takes up tolerance variables
- May be used singly, in parallel, in series, or in series parallel for a wide range of deflection and load capacity

PVC WASHERS

Part Number: C40 (White)+ Code
Part Number: C41 (Gray) + Code



CODE	SIZE	NOMIBNAL DIMENSIONS		
		ID	OD	THICK
001	2	.090	1/4	.015
002	2	.090	1/4	.030
003	4	.120	9/32	.030
005	6	.150	5/16	.030
008	8	.170	9/32	.032
009	8	.170	3/8	.030

CODE	SIZE	NOMIBNAL DIMENSIONS		
		ID	OD	THICK
012	8	.170	3/8	.060
013	10	.195	7/16	.030
016	10	.195	7/16	.060
017	1/4	.265	9/16	.030
020	1/4	.265	9/16	.060
022	1/4	.125	.250	.030

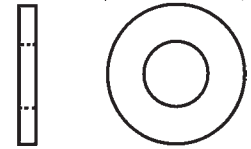
PVC WASHERS – GREY COLOR

Part Number C44 + Code

CODE	BOLT SIZE	OD	THICK
001	1/4	3/4	1/16
002	1/4	3/4	1/8
003	5/16	7/8	1/16
004	5/16	7/8	1/8
005	3/8	1	1/16
006	3/8	1	1/8
007	1/2	1-1/4	1/16
008	1/2	1-3/8	1/8
009	5/8	1-5/16	3/32
010	5/8	1-1/2	1/8
011	3/4	1-1/2	3/32
012	3/4	1-3/4	1/8

CODE	BOLT SIZE	OD	THICK
015	.280	.750	.060
016	.290	.430	.060
017	.320	.750	.060
018	.359	1.062	.125
019	.375	.875	.135
020	.437	1.000	.060
021	.500	.750	.060
022	.500	1.000	.125
023	.562	1.250	.060
024	.625	1.312	.125
025	.681	1.500	.119
026	.812	1.500	.093

TEFLON® (TFE) WASHERS



Part Number: C13 + Code

CODE	ID	OD	THICK
001	.090	1/4	.010
002	.090	1/4	.015
003	.090	1/4	.020
004	.120	9/32	.015
005	.120	9/32	.020
006	.120	9/32	.025
007	.120	9/32	.030
008	.150	5/16	.020
009	.150	5/16	.025
010	.150	5/16	.030
011	.150	5/16	.045
012	.170	3/8	.020
013	.170	3/8	.025
014	.170	3/8	.030
015	.170	3/8	.045
016	.195	7/16	.025
017	.195	7/16	.030
018	.195	7/16	.045
019	.195	7/16	.060
020	.265	9/16	.025
021	.265	9/16	.030
022	.265	9/16	.045
023	.265	9/16	.060
024	.340	11/16	.030
025	.340	11/16	.045
026	.340	11/16	.060
027	.405	13/16	.030
028	.405	13/16	.045
029	.405	13/16	.060

CODE	ID	OD	THICK
030	.531	1	.030
031	.531	1	.045
032	.531	1	.060
034	.510	.812	.010
036	.328	.453	.062
037	.656	.750	.063
038	.090	.187	.015
039	.090	.187	.020
040	.090	.250	.030
041	.115	.281	.015
042	.115	.281	.045
043	.120	.312	.015
044	.120	.250	.045
045	.120	.370	.095
046	.123	.250	.030
047	.125	.201	.030
048	.125	.250	.015
049	.125	.250	.020
050	.125	.312	.047
051	.125	.500	.020
052	.129	.375	.025
053	.150	.500	.030
054	.187	.500	.030
055	.190	.250	.031
056	.190	.375	.032
057	.190	.500	.020
058	.195	.296	.062
059	.195	.437	.090
060	.196	.348	.062

CODE	ID	OD	THICK
061	.200	.303	.025
062	.200	.500	.060
063	.213	.500	.020
064	.218	.500	.030
065	.220	.590	.045
066	.250	.312	.030
067	.250	.500	.060
068	.250	.750	.030
069	.253	.400	.050
070	.265	.328	.090
071	.265	.500	.020
072	.270	.320	.030
073	.312	.750	.010
074	.315	.625	.062
075	.322	.710	.015
076	.328	.625	.020
077	.330	.750	.095
078	.360	1.025	.040
079	.375	.500	.010
080	.375	.500	.062
081	.375	.875	.032
082	.375	.720	.032
083	.400	.990	.075
084	.500	.750	.045
085	.720	1.375	.032
086	.749	1.523	.056
087	.755	1.250	.062
088	.810	1.500	.062
089	.937	1.000	.032

NYLON ROLLED "LOC-SEAL" WASHERS



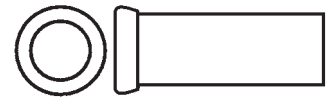
Part Number: C58 + Code

CODE	SCREW SIZE	ID	WALL
002	2	.088	.012
003	3	.101	.012
004	4	.116	.013
006	6	.142	.015
007	8	.168	.015
008	10	.194	.015
009	1/4	.252	.019

CODE	SCREW SIZE	ID	WALL
010	5/16	.316	.020
011	3/8	.379	.022
012	7/16	.441	.022
013	1/2	.504	.022
014	5/8	.630	.025
015	3/4	.755	.028

- Patented rolled head design insulates screw head, fills thread; seals and locks into place
- Can be used under screw head and/or nut
- Recommended maximum continuous temperature: 250°F

NYLON ROLLED "LOC-SEAL" SCREW INSULATORS



Part Number: C28 + Code

CODE	SCREW SIZE	LENGTH	ID	WALL
001	1	1/4	.075	.012
002	2	1/4	.088	.012
003	3	1/4	.101	.012
004	3	1/2	.101	.012
005	4	1/4	.116	.013
006	4	1/2	.116	.013
007	4	3/4	.116	.013
008	5	1/4	.129	.014
009	5	1/2	.129	.014
010	5	3/4	.129	.014
011	6	1/4	.142	.015
012	6	1/2	.142	.015
013	6	3/4	.142	.015
014	8	1/4	.168	.015

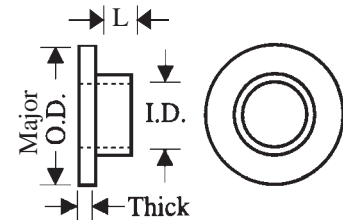
CODE	SCREW SIZE	LENGTH	ID	WALL
015	8	1/2	.168	.015
016	8	3/4	.168	.015
017	10	1/4	.194	.017
018	10	1/2	.194	.017
019	10	3/4	.194	.017
020	1/4	1/4	.252	.019
021	1/4	1/2	.252	.019
022	1/4	3/4	.252	.019
023	5/16	1/4	.316	.020
024	5/16	1/2	.316	.020
025	5/16	3/4	.316	.020
026	3/8	1/4	.379	.022
027	3/8	1/2	.379	.022
028	3/8	3/4	.379	.022

- Same patented rolled head design as washers, with varying sleeve extensions
- Tightening of assembly allows cold flow of plastic into double flanged grommet
- Can be used with nylon flat washer, without hole protusion
- Use with metal rivets allows permanent fastener insulation
- Spinning or heat forming sleeve end allows use as eyelets or grommets

FIBRE (HARD VULCANIZED) SHOULDER WASHERS

Part Number: C24 + Code

CODE	SCREW SIZE	ID	MAJOR OD	THICK	MINOR OD	SHOULDER LENGTH
001	2	.090	1/4	.030	.156	.025
002	2	.090	1/4	.050	.156	.030
003	2	.090	1/4	.060	.156	.030
004	4	.120	1/4	.030	.185	.025
006	4	.120	3/8	.030	.156	.030
007	6	.140	5/16	.040	.185	.030
009	6	.140	5/16	.060	.185	.030
010	8	.175	3/8	.040	.245	.030
012	8	.170	3/8	.060	.245	.030
014	10	.195	3/8	.050	.310	.030
017	1/4	.255	1/2	.060	.310	.030
020	3/8	.380	5/8	.050	.437	.030
021	3/8	.380	5/8	.060	.437	.030



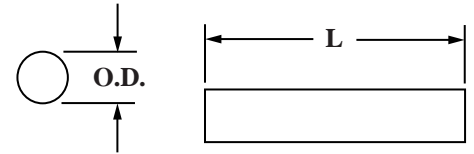
FIBRE (HARD VULCANIZED) WASHERS

Part Number: C51 (GRAY) + Code
C52 (BLACK) + Code

CODE	NOMINAL ID	NOMINAL OD	THICKNESS
001	.060	5/32	.010
002	.065	3/16	.015
003	.080	3/16	.015
004	.090	3/16	.015
005	.090	3/16	.030
006	.120	1/4	.030
007	.120	9/32	.030
008	.150	1/4	.030
009	.150	5/16	.030
010	.170	3/8	.030

CODE	NOMINAL ID	NOMINAL OD	THICKNESS
011	.195	3/8	.030
012	.195	7/16	.045
013	.220	3/8	.030
014	.260	1/2	.030
015	.265	9/16	.030
016	.265	9/16	.060
017	.325	1/2	.030
018	.390	5/8	.030
019	.480	3/4	.030
020	.515	13/16	.030

MOLDED ACETAL DOWELS



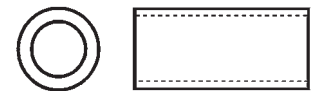
Part Number: C60 + Code

CODE	OD	LENGTH
001	.047	1/8
002	.047	1/4
003	.047	3/8
004	.047	1/2
005	.062	1/8
006	.062	1/4
007	.062	3/8
008	.062	1/2
009	.093	1/8
010	.093	1/4
011	.093	3/8
012	.093	1/2

CODE	OD	LENGTH
013	.125	1/8
014	.125	3/16
015	.125	1/4
016	.125	3/8
017	.125	1/2
018	.187	1/8
019	.187	1/4
020	.187	3/8
021	.187	1/2
022	.187	3/4
023	.245	1-1/4
024	.210	1/2

CODE	OD	LENGTH
025	.250	1/8
026	.250	1/4
027	.250	3/8
028	.250	1/2
029	.250	3/4
030	.312	1/8
031	.312	1/4
032	.312	3/8
033	.312	1/2
034	.312	5/8
035	.312	3/4
036	.437	1/4

STANDARD NYLON SPACERS



Part Number: C30 + Code

CODE	SCREW SIZE	ID	OD	LENGTH
001	2	.091	3/16	1/8
002	2	.091	3/16	3/16
003	2	.091	3/16	1/4
004	2	.091	3/16	5/16
005	2	.091	3/16	3/8
006	2	.091	3/16	7/16
007	2	.091	3/16	1/2
008	2	.091	3/16	9/16
009	2	.091	3/16	5/8
010	2	.091	3/16	11/16
011	2	.091	3/16	3/4
012	2	.091	3/16	13/16

CODE	SCREW SIZE	ID	OD	LENGTH
013	2	.091	3/16	7/8
014	2	.091	3/16	15/16
015	2	.091	3/16	1
016	4	.115	3/16	1/8
017	4	.115	3/16	3/16
018	4	.115	3/16	1/4
019	4	.115	3/16	5/16
020	4	.115	3/16	3/8
021	4	.115	3/16	7/16
022	4	.115	3/16	1/2
023	4	.115	3/16	9/16
024	4	.115	3/16	5/8

- 5 different outside diameters for #2, 4, 6, 8, 10 & 1/4 screws
- Lengths from 1/8" to 1"
- Tolerances: OD ± .010, ID ± .005, length ± .015

Part Number: C30 + Code (CONTINUED)

CODE	SCREW SIZE	ID	OD	LENGTH
025	4	.115	3/16	11/16
026	4	.115	3/16	3/4
027	4	.115	3/16	13/16
028	4	.115	3/16	7/8
029	4	.115	3/16	15/16
030	4	.115	3/16	1
031	2	.091	1/4	1/8
032	2	.091	1/4	3/16
033	2	.091	1/4	1/4
034	2	.091	1/4	5/16
035	2	.091	1/4	3/8
036	2	.091	1/4	7/16
037	2	.091	1/4	1/2
038	2	.091	1/4	9/16
039	2	.091	1/4	5/8
040	2	.091	1/4	11/16
041	2	.091	1/4	3/4
042	2	.091	1/4	13/16
043	2	.091	1/4	7/8
044	2	.091	1/4	15/16
045	2	.091	1/4	1
046	4	.115	1/4	1/8
047	4	.115	1/4	3/16
048	4	.115	1/4	1/4
049	4	.115	1/4	5/16
050	4	.115	1/4	3/8
051	4	.115	1/4	7/16
052	4	.115	1/4	1/2
053	4	.115	1/4	9/16
054	4	.115	1/4	5/8
055	4	.115	1/4	11/16
056	4	.115	1/4	3/4
057	4	.115	1/4	13/16
058	4	.115	1/4	7/8
059	4	.115	1/4	15/16
060	4	.115	1/4	1
061	6	.140	1/4	1/8
062	6	.140	1/4	3/16
063	6	.140	1/4	1/4
064	6	.140	1/4	5/16
065	6	.140	1/4	3/8

CODE	SCREW SIZE	ID	OD	LENGTH
066	6	.140	1/4	7/16
067	6	.140	1/4	1/2
068	6	.140	1/4	9/16
069	6	.140	1/4	5/8
070	6	.140	1/4	11/16
071	6	.140	1/4	3/4
072	6	.140	1/4	13/16
073	6	.140	1/4	7/8
074	6	.140	1/4	15/16
075	6	.140	1/4	1
076	8	.171	1/4	1/8
077	8	.171	1/4	3/16
078	8	.171	1/4	1/4
079	8	.171	1/4	5/16
080	8	.171	1/4	3/8
081	8	.171	1/4	7/16
082	8	.171	1/4	1/2
083	8	.171	1/4	9/16
084	8	.171	1/4	5/8
085	8	.171	1/4	11/16
086	8	.171	1/4	3/4
087	8	.171	1/4	13/16
088	8	.171	1/4	7/8
089	8	.171	1/4	15/16
090	8	.171	1/4	1
091	4	.115	5/16	1/8
092	4	.115	5/16	3/16
093	4	.115	5/16	1/4
094	4	.115	5/16	5/16
095	4	.115	5/16	3/8
096	4	.115	5/16	7/16
097	4	.115	5/16	1/2
098	4	.115	5/16	9/16
099	4	.115	5/16	5/8
100	4	.115	5/16	11/16
101	4	.115	5/16	3/4
102	4	.115	5/16	13/16
103	4	.115	5/16	7/8
104	4	.115	5/16	15/16
105	4	.115	5/16	1
106	6	.140	5/16	1/8

Part Number: C30 + Code (CONTINUED)

CODE	SCREW SIZE	ID	OD	LENGTH
107	6	.140	5/16	3/16
108	6	.140	5/16	1/4
109	6	.140	5/16	5/16
110	6	.140	5/16	3/8
111	6	.140	5/16	7/16
112	6	.140	5/16	1/2
113	6	.140	5/16	9/16
114	6	.140	5/16	5/8
115	6	.140	5/16	11/16
116	6	.140	5/16	3/4
117	6	.140	5/16	13/16
118	6	.140	5/16	7/8
119	6	.140	5/16	15/16
120	6	.140	5/16	1
121	8	.171	5/16	1/8
122	8	.171	5/16	3/16
123	8	.171	5/16	1/4
124	8	.171	5/16	5/16
125	8	.171	5/16	3/8
126	8	.171	5/16	7/16
127	8	.171	5/16	1/2
128	8	.171	5/16	9/16
129	8	.171	5/16	5/8
130	8	.171	5/16	11/16
131	8	.171	5/16	3/4
132	8	.171	5/16	13/16
133	8	.171	5/16	7/8
134	8	.171	5/16	15/16
135	8	.171	5/16	1
136	10	.194	5/16	1/8
137	10	.194	5/16	3/16
138	10	.194	5/16	1/4
139	10	.194	5/16	5/16
140	10	.194	5/16	3/8
141	10	.194	5/16	7/16
142	10	.194	5/16	1/2
143	10	.194	5/16	9/16
144	10	.194	5/16	5/8
145	10	.194	5/16	11/16
146	10	.194	5/16	3/4
147	10	.194	5/16	13/16

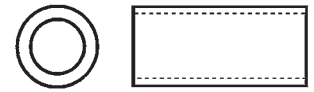
CODE	SCREW SIZE	ID	OD	LENGTH
148	10	.194	5/16	7/8
149	10	.194	5/16	15/16
150	10	.194	5/16	1
151	6	.140	3/8	1/8
152	6	.140	3/8	3/16
153	6	.140	3/8	1/4
154	6	.140	3/8	5/16
155	6	.140	3/8	3/8
156	6	.140	3/8	7/16
157	6	.140	3/8	1/2
158	6	.140	3/8	9/16
159	6	.140	3/8	5/8
160	6	.140	3/8	11/16
161	6	.140	3/8	3/4
162	6	.140	3/8	13/16
163	6	.140	3/8	7/8
164	6	.140	3/8	15/16
165	6	.140	3/8	1
166	8	.171	3/8	1/8
167	8	.171	3/8	3/16
168	8	.171	3/8	1/4
169	8	.171	3/8	5/16
170	8	.171	3/8	3/8
171	8	.171	3/8	7/16
172	8	.171	3/8	1/2
173	8	.171	3/8	9/16
174	8	.171	3/8	5/8
175	8	.171	3/8	11/16
176	8	.171	3/8	3/4
177	8	.171	3/8	13/16
178	8	.171	3/8	7/8
179	8	.171	3/8	15/16
180	8	.171	3/8	1
181	10	.194	3/8	1/8
182	10	.194	3/8	3/16
183	10	.194	3/8	1/4
184	10	.194	3/8	5/16
185	10	.194	3/8	3/8
186	10	.194	3/8	7/16
187	10	.194	3/8	1/2
188	10	.194	3/8	9/16

Part Number: C30 + Code (CONTINUED)

CODE	SCREW SIZE	ID	OD	LENGTH
189	10	.194	3/8	5/8
190	10	.194	3/8	11/16
191	10	.194	3/8	3/4
192	10	.194	3/8	13/16
193	10	.194	3/8	7/8
194	10	.194	3/8	15/16
195	10	.194	3/8	1
196	6	.140	1/2	1/8
197	6	.140	1/2	3/16
198	6	.140	1/2	1/4
199	6	.140	1/2	5/16
200	6	.140	1/2	3/8
201	6	.140	1/2	7/16
202	6	.140	1/2	1/2
203	6	.140	1/2	9/16
204	6	.140	1/2	5/8
205	6	.140	1/2	11/16
206	6	.140	1/2	3/4
207	6	.140	1/2	13/16
208	6	.140	1/2	7/8
209	6	.140	1/2	15/16
210	6	.140	1/2	1
211	8	.171	1/2	1/8
212	8	.171	1/2	3/16
213	8	.171	1/2	1/4
214	8	.171	1/2	5/16
215	8	.171	1/2	3/8
216	8	.171	1/2	7/16
217	8	.171	1/2	1/2
218	8	.171	1/2	9/16
219	8	.171	1/2	5/8
220	8	.171	1/2	11/16
221	8	.171	1/2	3/4
222	8	.171	1/2	13/16
223	8	.171	1/2	7/8
224	8	.171	1/2	15/16
225	8	.171	1/2	1
226	10	.194	1/2	1/8
227	10	.194	1/2	3/16
228	10	.194	1/2	1/4
229	10	.194	1/2	5/16

CODE	SCREW SIZE	ID	OD	LENGTH
230	10	.194	1/2	3/8
231	10	.194	1/2	7/16
232	10	.194	1/2	1/2
233	10	.194	1/2	9/16
234	10	.194	1/2	5/8
235	10	.194	1/2	11/16
236	10	.194	1/2	3/4
237	10	.194	1/2	13/16
238	10	.194	1/2	7/8
239	10	.194	1/2	15/16
240	10	.194	1/2	1
241	1/4	.257	1/2	1/8
242	1/4	.257	1/2	3/16
243	1/4	.257	1/2	1/4
244	1/4	.257	1/2	5/16
245	1/4	.257	1/2	3/8
246	1/4	.257	1/2	7/16
247	1/4	.257	1/2	1/2
248	1/4	.257	1/2	9/16
249	1/4	.257	1/2	5/8
250	1/4	.257	1/2	11/16
251	1/4	.257	1/2	3/4
252	1/4	.257	1/2	13/16
253	1/4	.257	1/2	7/8
254	1/4	.257	1/2	15/16
255	1/4	.257	1/2	1
256	12	.219	1/2	1/8
257	12	.219	1/2	3/16
258	12	.219	1/2	1/4
259	12	.219	1/2	5/16
260	12	.219	1/2	3/8
261	12	.219	1/2	7/16
262	12	.219	1/2	1/2
263	12	.219	1/2	9/16
264	12	.219	1/2	5/8
265	12	.219	1/2	11/16
266	12	.219	1/2	3/4
267	12	.219	1/2	13/16
268	12	.219	1/2	7/8
269	12	.219	1/2	15/16
270	12	.219	1/2	1

STANDARD LONG NYLON SPACERS

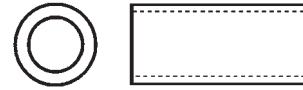


Part Number: C37 + Code

CODE	ID	OD	LENGTH
001	.115	1/4	1-1/16
002	.115	1/4	1-1/8
003	.115	1/4	1-3/16
004	.115	1/4	1-1/4
005	.115	1/4	1-5/16
006	.115	1/4	1-3/8
007	.115	1/4	1-7/16
008	.115	1/4	1-1/2
009	.140	1/4	1-1/16
010	.140	1/4	1-1/8
011	.140	1/4	1-3/16
012	.140	1/4	1-1/4
013	.140	1/4	1-5/16
014	.140	1/4	1-3/8
015	.140	1/4	1-7/16
016	.140	1/4	1-1/2
017	.115	5/16	1-1/16
018	.115	5/16	1-1/8
019	.115	5/16	1-3/16
020	.115	5/16	1-1/4
021	.115	5/16	1-5/16
022	.115	5/16	1-3/8
023	.115	5/16	1-7/16
024	.115	5/16	1-1/2
025	.140	5/16	1-1/16
026	.140	5/16	1-1/8
027	.140	5/16	1-3/16
028	.140	5/16	1-1/4
029	.140	5/16	1-5/16
030	.140	5/16	1-3/8
031	.140	5/16	1-7/16
032	.140	5/16	1-1/2
033	.171	5/16	1-1/16
034	.171	5/16	1-1/8
035	.171	5/16	1-3/16
036	.171	5/16	1-1/4

CODE	ID	OD	LENGTH
037	.171	5/16	1-5/16
038	.171	5/16	1-3/8
039	.171	5/16	1-7/16
040	.171	5/16	1-1/2
041	.194	5/16	1-1/16
042	.194	5/16	1-1/8
043	.194	5/16	1-3/16
044	.194	5/16	1-1/4
045	.194	5/16	1-5/16
046	.194	5/16	1-3/8
047	.194	5/16	1-7/16
048	.194	5/16	1-1/2
049	.140	3/8	1-1/16
050	.140	3/8	1-1/8
051	.140	3/8	1-3/16
052	.140	3/8	1-1/4
053	.140	3/8	1-5/16
054	.140	3/8	1-3/8
055	.140	3/8	1-7/16
056	.140	3/8	1-1/2
057	.171	3/8	1-1/16
058	.171	3/8	1-1/8
059	.171	3/8	1-3/16
060	.171	3/8	1-1/4
061	.171	3/8	1-5/16
062	.171	3/8	1-3/8
063	.171	3/8	1-7/16
064	.171	3/8	1-1/2
065	.194	3/8	1-1/16
066	.194	3/8	1-1/8
067	.194	3/8	1-3/16
068	.194	3/8	1-1/4
069	.194	3/8	1-5/16
070	.194	3/8	1-3/8
071	.194	3/8	1-7/16
072	.194	3/8	1-1/2

SPECIAL NYLON SPACERS



Part Number: C38 + Code

CODE	ID	OD	LENGTH
005	.061	.250	.470
010	.063	.187	.250
015	.063	.187	.300
020	.091	.188	.330
025	.110	.250	.530
030	.115	.187	.156
035	.115	.187	.225
040	.115	.250	.155
045	.115	.250	.530
055	.120	.187	.343
060	.120	.187	.437
065	.120	.250	.800
070	.125	.216	.135
075	.125	.250	.162
080	.125	.250	.250
083	.125	.250	.420
085	.125	.375	.437
090	.126	.197	.276
095	.126	.310	.410
100	.137	.354	.374
105	.140	.187	.187
110	.140	.187	.240
115	.140	.218	.156
120	.140	.250	.160
130	.140	.625	.250
135	.145	.500	.669
140	.147	.250	.220
145	.150	.250	.200
150	.155	.250	.160
155	.160	.500	.125
160	.165	.232	.153
165	.171	.250	.156
170	.171	.250	.405
175	.171	.250	.650

CODE	ID	OD	LENGTH
180	.171	.375	.203
190	.180	.400	.140
195	.183	.312	.124
199	.186	.316	.203
200	.187	.312	.187
205	.187	.312	.215
210	.187	.437	.375
215	.187	.625	.125
220	.187	1.000	.250
225	.188	.312	.300
230	.188	.688	.500
234	.190	.463	.312
235	.191	.375	.217
238	.191	.625	.250
240	.192	.250	.145
245	.192	.375	.156
255	.192	.625	.250
270	.195	.750	.750
275	.200	.750	.187
280	.203	.500	.130
285	.204	.354	.137
290	.205	.500	.510
295	.217	.325	.135
300	.217	.325	.200
305	.219	.375	.250
310	.219	.500	.719
315	.220	.748	.252
320	.220	.748	.625
325	.222	.313	.238
330	.222	.379	.906
335	.225	1.000	.500
340	.236	.354	.224
345	.250	.370	.182
350	.250	.375	.220

SPECIAL NYLON SPACERS

Part Number: C38 + Code

CODE	ID	OD	LENGTH
399	.230	.375	.925
386	.250	1.000	.125
355	.250	.562	.562
360	.250	.625	.375
365	.250	.625	.640
370	.250	.750	.250
375	.250	.750	.312
380	.250	.750	.125
425	.250	.750	.187
385	.250	.765	.125
389	.252	.375	.375
390	.253	.443	.125
395	.256	.377	.785
400	.256	.575	.162
404	.257	.375	1.250
405	.257	.500	.359
410	.257	.750	1.000
415	.260	.625	.250
414	.265	.375	.750
418	.265	.375	.500
419	.265	.375	.375
420	.265	.595	.130
430	.270	.625	.218
435	.280	.500	.250
436	.281	.613	.500
440	.300	.500	.187
445	.312	.437	.187
450	.312	.687	.250
455	.312	.750	.125
460	.314	.590	.359
465	.314	.750	.313
470	.315	.687	.250
475	.317	.500	.337
476	.317	.880	.125
480	.323	.437	.187

CODE	ID	OD	LENGTH
485	.323	.625	.187
490	.325	.480	.250
495	.325	.480	1.250
500	.326	.610	.178
505	.330	1.250	.540
510	.339	.770	.320
515	.343	1.000	.125
520	.343	1.000	.312
525	.344	1.000	.187
530	.350	.750	.685
531	.375	.500	.625
534	.375	.500	.437
535	.375	.580	.380
536	.375	.630	.187
539	.375	.875	.375
540	.375	1.000	.250
545	.375	1.000	.375
550	.375	1.000	.500
555	.375	1.000	.625
594	.375	.500	.380
560	.377	.501	.750
565	.379	.560	.375
570	.380	.625	.750
575	.387	.745	.187
580	.380	.750	.250
585	.380	1.100	.217
590	.383	.750	.437
591	.386	.625	.625
595	.390	.560	.500
599	.390	.625	.250
600	.390	.625	.500
605	.390	.750	.140
610	.403	.750	.312
615	.406	.625	.150
620	.406	.812	.125

SPECIAL NYLON SPACERS

Part Number: C38 + Code (CONTINUED)

CODE	ID	OD	LENGTH
625	.406	1.000	.250
630	.434	.604	.129
635	.437	1.000	.875
640	.460	.750	.250
645	.500	.687	1.375
650	.500	.755	.312
655	.510	.570	.125
660	.510	.750	.188
665	.515	.875	.710
666	.517	1.000	.375
670	.563	1.000	.250
675	.570	.799	.135

CODE	ID	OD	LENGTH
680	.625	1.000	.156
685	.629	1.125	.128
690	.669	1.437	.315
695	.670	1.000	.156
700	.687	1.000	.750
705	.750	1.062	.250
710	.750	1.062	.437
715	.755	1.008	.137
720	.875	1.265	.180
730	1.000	1.500	.500
735	1.150	1.500	.375
740	1.500	1.740	.725

PHENOLIC SPACERS

Part Number: C31 + Code

CODE	SCREW SIZE	LENGTH	OD
001	4	1/4	1/4
002	4	3/8	1/4
003	4	1/2	1/4
004	4	3/4	1/4
005	4	1	1/4
006	6	1/4	1/4
007	6	3/8	1/4
008	6	1/2	1/4
009	6	3/4	1/4
010	6	1	1/4

CODE	SCREW SIZE	LENGTH	OD
011	8	1/4	1/4
012	8	3/8	1/4
013	8	1/2	1/4
014	8	3/4	1/4
015	8	1	5/16
016	10	1/4	5/16
017	10	3/8	5/16
018	10	1/2	5/16
019	10	3/4	5/16
020	10	1	5/16

- Wide range of electrical and mechanical uses: raising chassis, subpanels, transformers
- High dielectric strength for creepless, heavy load use
- Dimensional stability over wide temperature range
- Resists abrasion, wear, moisture and high temperature deterioration

CPVC SPACERS

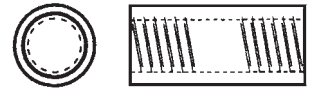
Part Number: C32 + Code

CODE	SCREW SIZE	LENGTH	ID	OD
001	4	1/4	.120	1/4
002	4	3/8	.120	1/4
003	4	1/2	.120	1/4
004	4	5/8	.120	1/4
005	4	3/4	.120	1/4
006	4	1	.120	1/4
007	6	1/4	.147	1/4
008	6	3/8	.147	1/4
009	6	1/2	.147	1/4
010	6	5/8	.147	1/4
011	6	3/4	.147	1/4
012	6	1	.147	1/4
013	8	1/4	.175	1/4
014	8	3/8	.175	1/4
015	8	1/2	.175	1/4

CODE	SCREW SIZE	LENGTH	ID	OD
016	8	5/8	.175	1/4
017	8	3/4	.175	1/4
018	8	1	.175	1/4
019	8	1/4	.175	3/8
020	8	3/8	.175	3/8
021	8	1/2	.175	3/8
022	8	5/8	.175	3/8
023	8	3/4	.175	3/8
024	8	1	.175	3/8
025	10	1/4	.200	3/8
026	10	3/8	.200	3/8
027	10	1/2	.200	3/8
028	10	5/8	.200	3/8
029	10	3/4	.200	3/8
030	10	1	.200	3/8

- Tolerances $\pm .005$ on all dimensions
- Excellent characteristics for electrical, electronic use
- High dielectric, mechanical strength
- Self-extinguishing; low water absorption
- Resists chemicals, corrosion, high temperature (200°F)

NYLON ROUND THREADED STAND-OFFS/TAPPED SPACERS



Part Number: C33 + Code

CODE	THREAD	LENGTH	OD
001	4-40	1/4	1/4
002	4-40	3/8	1/4
003	4-40	1/2	1/4
004	4-40	3/4	1/4
005	4-40	1	1/4
006	6-32	1/4	1/4
007	6-32	3/8	1/4
008	6-32	1/2	1/4
009	6-32	3/4	1/4
010	6-32	1	1/4
011	8-32	1/4	1/4
012	8-32	3/8	1/4
013	8-32	1/2	1/4
014	8-32	3/4	1/4
015	8-32	1	1/4
016	8-32	1/4	5/16
017	8-32	3/8	5/16
018	8-32	1/2	5/16

CODE	THREAD	LENGTH	OD
019	8-32	3/4	5/16
020	8-32	1	5/16
021	10-32	1/4	3/8
022	10-32	3/8	3/8
023	10-32	1/2	3/8
024	10-32	3/4	3/8
025	10-32	1	3/8
026	10-32	1/4	1/2
027	10-32	3/8	1/2
028	10-32	1/2	1/2
029	10-32	3/4	1/2
030	10-32	1	1/2
031	1/4-20	1/4	1/2
032	1/4-20	3/8	1/2
033	1/4-20	1/2	1/2
034	1/4-20	3/4	1/2
035	1/4-20	1	1/2

- Tolerances: OD \pm .010, Length \pm .010
- On 3/4" & longer tap is 3/8" from each end and not continuous throughout

NYLON HEX TAPPED SPACERS

Part Number: C39 + Code

CODE	THREAD	LENGTH	HEX SIZE
001	2-56	3/8	3/16
002	2-56	9/16	3/16
003	4-40	1/4	3/16
004	4-40	3/8	3/16
005	4-40	7/16	3/16
006	4-40	1/2	3/16
007	4-40	9/16	3/16
008	4-40	5/8	3/16
009	4-40	3/4	3/16
010	4-40	7/8	3/16
011	4-40	1	3/16
012	6-32	1/4	3/16
013	6-32	3/8	3/16
014	6-32	1/2	3/16
015	6-32	5/8	3/16
016	6-32	3/4	3/16
017	6-32	7/8	3/16
018	6-32	1	3/16
019	4-40	1/4	1/4
020	4-40	5/16	1/4
021	4-40	3/8	1/4
022	4-40	7/16	1/4
023	4-40	1/2	1/4
024	4-40	9/16	1/4
025	4-40	5/8	1/4
026	4-40	3/4	1/4
027	4-40	7/8	1/4

CODE	THREAD	LENGTH	HEX SIZE
028	4-40	1	1/4
029	4-40	1-1/2	1/4
030	6-32	3/16	1/4
031	6-32	1/4	1/4
032	6-32	3/8	1/4
033	6-32	1/2	1/4
034	6-32	5/8	1/4
035	6-32	3/4	1/4
036	6-32	7/8	1/4
037	6-32	1	1/4
038	6-32	1-1/4	1/4
039	8-32	1/4	1/4
040	8-32	3/8	1/4
041	8-32	1/2	1/4
042	8-32	5/8	1/4
043	8-32	3/4	1/4
044	8-32	7/8	1/4
045	8-32	1	1/4
046	6-32	1/2	5/16
047	6-32	1-1/8	5/16
048	1/4-20	7/32	5/16
049	6-32	3/4	3/8
050	6-32	1-5/16	3/8
051	1/4-20	1/2	3/8
052	2-56	5/16	3/16
053	6-32	1/4	7/16

On Threaded Spacers 3/4" & longer tap is 3/8" from each end and not continuous through

PHENOLIC ROUND THREADED STAND-OFFS



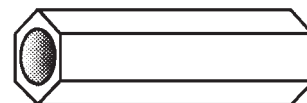
Part Number: C34 + Code

CODE	THREAD	LENGTH	OD
001	4-40	1/4	1/4
002	4-40	3/8	1/4
003	4-40	1/2	1/4
004	4-40	3/4	1/4
005	4-40	1	1/4
006	6-32	1/4	1/4
007	6-32	3/8	1/4
008	6-32	1/2	1/4
009	6-32	3/4	1/4
010	6-32	1	1/4

CODE	THREAD	LENGTH	OD
011	8-32	1/4	1/4
012	8-32	3/8	1/4
013	8-32	1/2	1/4
014	8-32	3/4	1/4
015	8-32	1	1/4
016	10-32	1/4	5/16
017	10-32	3/8	5/16
018	10-32	1/2	5/16
019	10-32	3/4	5/16
020	10-32	1	5/16

- Wide range of electrical and mechanical uses: raising chassis, subpanels, transformers
- High dielectric strength for creepless, heavy load use
- Dimensional stability over wide temperature use
- Resists abrasion, wear, moisture and high temperature deterioration

CPVC "SELF THREADING" HEX STAND-OFFS



Part Number: C35 + Code

CODE	SCREW SIZE	LENGTH	ID	HEX SIZE
001	4	3/8	.093	3/16
002	4	1/2	.093	3/16
003	4	5/8	.093	3/16
004	4	3/4	.093	3/16
005	4	7/8	.093	3/16
006	4	1	.093	3/16
007	6	1/2	.110	1/4
008	6	5/8	.110	1/4

CODE	SCREW SIZE	LENGTH	ID	HEX SIZE
009	6	3/4	.110	1/4
010	6	7/8	.110	1/4
011	6	1	.110	1/4
012	8	5/8	.141	3/8
013	8	3/4	.141	3/8
014	8	7/8	.141	3/8
015	8	1	.141	3/8

- Easy to apply, low in cost
- "Self-threading" allows assembly with any metal self-tapping screw

NYLON THIN INSULATION WALL SLEEVES

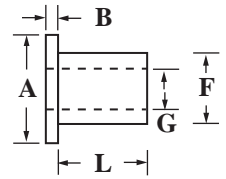


Part Number: C29+ Code

CODE	SCREW SIZE	LENGTH	WALL THICKNESS
001	2	1/8	.012
002	2	1/4	.012
003	2	3/8	.012
004	2	1/2	.012
005	4	1/8	.013
006	4	1/4	.013
007	4	3/8	.013
008	4	1/2	.013
009	4	3/4	.013
010	6	1/4	.015
011	6	3/8	.015
012	6	1/2	.015
013	6	3/4	.015
014	6	1	.015
015	8	1/4	.015
016	8	3/8	.015
017	8	1/2	.015
018	8	3/4	.015
019	8	1	.015
020	10	1/4	.017
021	10	3/8	.017
022	10	1/2	.017
023	10	3/4	.017
024	10	1	.017
025	1/4	1/4	.019
026	1/4	3/8	.019
027	1/4	1/2	.019
028	1/4	3/4	.019
029	1/4	1	.019
034	4	5/16	.013
035	4	7/16	.013
037	6	.090	.015
039	6	.120	.015
040	6	.125	.015
041	6	3/16	.015
042	6	.200	.015
043	6	7/32	.015
046	10	.425	.017

- Ideal for insulating exposed sections of various components and fasteners
- Useful for limited-space, light duty spacing

NYLON SCREW INSULATORS



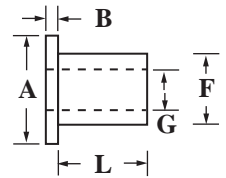
Part Number: C27 + Code

CODE	SCREW SIZE	LENGTH	A	B	F	G
002	2	5/64	.205	1/32	.125	.093
003	2	7/64	.205	1/32	.125	.093
004	2	1/8	.181	3/64	.120	.090
006	2	3/16	.181	3/64	.120	.090
009	2	1/4	.181	3/64	.120	.090
012	2	3/8	.181	3/64	.120	.090
014	4	1/32	.235	3/64	.145	.115
015	4	1/16	.235	3/64	.145	.115
016	4	3/32	.235	3/64	.145	.115
017	4	1/8	.235	3/64	.145	.115
019	4	5/32	.235	3/64	.145	.115
021	4	3/16	.235	3/64	.145	.115
022	4	1/4	.235	3/64	.145	.115
025	4	3/8	.235	3/64	.145	.115
027	4	1/2	.235	3/64	.145	.115
028	6	3/32	.290	3/64	.170	.140
029	6	1/8	.290	3/64	.170	.140
031	6	3/16	.290	3/64	.170	.140
033	6	1/4	.290	3/64	.170	.140
036	6	3/8	.290	3/64	.170	.140
038	6	1/2	.290	3/64	.170	.140
039	8	1/8	.344	1/16	.205	.173
040	8	9/64	.344	1/16	.205	.173
042	8	1/4	.344	1/16	.208	.173
045	8	3/8	.344	1/16	.208	.173

CODE	SCREW SIZE	LENGTH	A	B	F	G
047	8	13/32	.500	1/16	.250	.173
049	8	1/2	.344	1/16	.208	.173
051	8	5/8	.344	1/16	.208	.173
052	8	3/4	.344	1/16	.208	.173
053	10	3/32	.437	1/16	.267	.200
054	10	3/16	.399	1/16	.250	.200
055	10	1/4	.399	1/16	.260	.200
058	10	3/8	.399	1/16	.260	.200
061	10	1/2	.399	1/16	.260	.200
063	10	5/8	.399	1/16	.260	.200
064	10	3/4	.399	1/16	.260	.200
065	1/4	1/8	.467	3/64	.312	.255
066	1/4	3/16	.513	1/16	.312	.260
067	1/4	1/4	.513	1/16	.312	.260
068	1/4	5/16	.500	1/16	.312	.260
069	1/4	3/8	.513	1/16	.312	.260
071	1/4	1/2	.513	1/16	.312	.260
072	1/4	5/8	.513	1/16	.312	.260
073	1/4	3/4	.513	1/16	.312	.260
074	5/16	1/8	.620	1/16	.360	.320
075	5/16	1/4	.620	1/16	.360	.320
076	5/16	3/8	.620	1/16	.360	.320
077	5/16	1/2	.620	1/16	.360	.320
078	5/16	5/8	.620	1/16	.360	.320

- High strength for high tensile and torque applications
- Wide flange design for complete isolation of screw from mounting surface
- Useful as light load bearings

NYLON SCREW INSULATORS (CONTINUED)

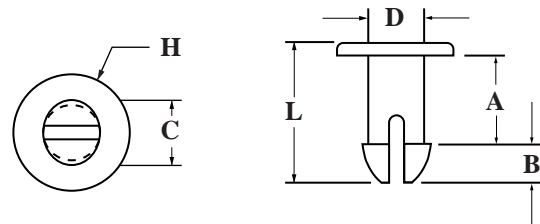


Part Number: C27 + Code

CODE	LENGTH	A	B	F	G
100	.040	.250	.047	.140	.110
110	.031	.218	.047	.135	.115
120	.045	.220	.047	.145	.120
130	.120	.250	.055	.150	.120
140	.047	.230	.016	.142	.122
150	.250	.283	.045	.199	.123
160	.075	.312	.063	.187	.123
169	.047	.290	.047	.170	.140
170	.062	.349	.047	.248	.140
180	.190	.875	.140	.343	.141
190	.090	.355	.040	.250	.150
200	.316	.620	.060	.502	.150
210	.680	.500	.060	.369	.157
220	.062	.393	.047	.194	.159
230	.118	.472	.083	.216	.160
240	.140	.500	.078	.312	.172
250	.050	.375	.050	.250	.174
255	.125	3/8	.035	.242	.185
260	.040	.437	.060	.278	.193
270	.031	.437	.062	.240	.194
280	.120	.380	.197	.264	.196
290	.125	.380	.065	.254	.196
300	.141	.440	.040	.303	.196
310	.187	.500	.125	.277	.196
320	.158	.581	.120	.300	.196
330	.187	.408	.062	.240	.197
340	.295	.425	.067	.312	.210
350	.127	.496	.085	.305	.212
360	.194	.408	.062	.238	.215
370	.125	.600	.125	.370	.250
380	.062	.750	.125	.500	.250
390	.170	.938	.125	.440	.253
395	.188	.630	.062	.375	.254
399	.188	.500	.031	.365	.255

CODE	LENGTH	A	B	F	G
400	.141	.510	.062	.310	.255
410	.422	.550	.062	.372	.255
420	.109	.437	.060	.355	.256
430	.101	.750	.150	.341	.256
440	.100	.570	.135	.422	.257
445	.141	.513	.062	.312	.260
449	.210	.625	.058	.379	.263
450	.075	1.000	.060	.425	.265
455	.156	.720	.062	.485	.270
460	.250	.750	.125	.500	.280
470	.094	.750	.093	.500	.281
480	.047	.428	.125	.350	.308
485	.150	.620	.060	.502	.316
490	.139	.625	.066	.405	.320
500	.118	.748	.059	.482	.358
507	.125	.750	.062	.500	.375
508	.242	.750	.070	.496	.375
509	.075	.640	.063	.500	.375
510	.750	.745	.062	.500	.375
520	.220	.563	.030	.440	.380
530	.672	.656	.109	.531	.382
540	.360	.750	.125	.505	.383
550	.400	1.000	.120	.520	.390
560	.700	1.000	.120	.520	.390
570	.185	1.590	.190	.625	.400
580	.500	.687	.062	.562	.437
590	.174	.750	.066	.625	.470
600	.174	.750	.066	.625	.503
610	.275	.910	.050	.780	.515
620	.395	.875	.110	.625	.520
630	.760	1.250	.120	.660	.520
640	.220	.880	.030	.680	.550
650	.313	1.125	.062	.875	.750
660	.219	1.120	.132	.935	.875

NYLON PUSH-IN-FASTENERS

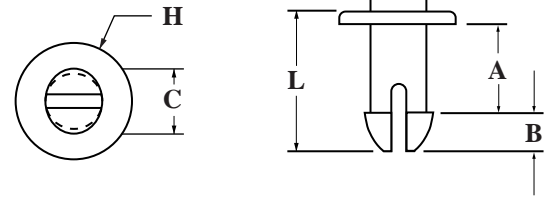


Part Number: B13 + Code

CODE	DESC	H	A	B	C	D	L
001	PIF 13	3/16	.533	.087	.130	.095	.675
002	PIF 14	.248	.813	.140	.144	.110	1.017
003	PIF 15	21/64	.030	.130	.162	.152	.200
004	PIF 17	11/32	.130	.110	.200	.160	.270
005	PIF 18	13/64	.230	.098	.156	.128	.370
006	PIF 19	1/4	.445	.085	.145	.095	.590
007	PIF 20	15/64	.080	.080	.180	.124	.200
008	PIF 21	.186	.200	.065	.104	.080	.297
009	PIF 22	1/2	.064	.185	.280	.243	.370
010	PIF 23	3/16	.075	.060	.150	.120	.190
011	PIF 24	19/32	.365	.187	.295	.245	.685
012	PIF 25	15/64	1.010	.082	.164	.124	1.13
013	PIF 26	15/64	.080	.070	.180	.124	.205
014	PIF 27	3/8	1.062	.177	.202	.165	1.303
015	PIF 28	11/32	.875	.174	.224	.175	1.115
016	PIF 29	13/64	.210	.091	.179	.130	.342
017	PIF 31	25/64	.503	.210	.295	.230	1.083
018	PIF 32	13/64	.235	.066	.145	.115	.341
019	PIF 33	3/8	.505	.130	.200	.130	.705
020	PIF 34	3/4	.636	.180	.220	.180	.875
021	PIF 35	5/16	.125	.070	.110	.089	.235
022	PIF 36	3/16	.066	.075	.100	.090	.179
023	PIF 37	3/8	.636	.180	.220	.180	.875
024	PIF 38	9/32	.063	.078	.100	.093	.165
025	PIF 39	1/4	.115	.085	.145	.093	.240
026	PIF 40	9/32	.093	.078	.105	.093	.200
027	PIF 41	5/16	.121	.085	.145	.089	.246
028	PIF 42	13/64	.190	.090	.180	.130	.320
029	PIF 43	13/64	.156	.135	.140	.115	.320
030	PIF 44	13/64	.135	.135	.140	.115	.295
031	PIF 45	13/64	.235	.070	.137	.115	.350
032	PIF 46	13/64	.250	.106	.145	.115	.395
033	PIF 47	13/64	.121	.105	.145	.115	.260

CODE	DESC	H	A	B	C	D	L
034	PIF 48	25/64	.315	.113	.208	.157	.488
035	PIF 49	11/32	.450	.160	.200	.160	.680
036	PIF 50	11/32	.125	.137	.202	.165	.305
037	PIF 51	11/32	.065	.137	.202	.165	.325
038	PIF 52	11/32	.556	.153	.225	.180	.780
039	PIF 53	11/32	.242	.174	.224	.175	.490
040	PIF 54	11/32	.197	.185	.295	.255	.415
041	PIF 55	11/32	.555	.145	.225	.180	.770
042	PIF 56	9/64	.315	.075	.135	.095	.450
043	PIF 57	7/16	.120	.255	.380	.305	.445
044	PIF 58	15/32	.121	.153	.238	.200	.324
045	PIF 59	3/16	.145	.065	.105	.090	.255
046	PIF 60	15/32	.156	.125	.228	.200	.333
047	PIF 61	11/32	.370	.105	.236	.203	.540
048	PIF 62	25/64	1.730	.210	.295	.230	2.010
049	PIF 63	29/64	.276	.142	.295	.240	.460
050	PIF 64	29/64	.300	.170	.295	.240	.535
051	PIF 65	19/32	.480	.187	.293	.245	.720
052	PIF 66	29/64	.330	.165	.295	.240	.555
053	PIF 67	1/2	.171	.187	.295	.260	.405
054	PIF 68	11/16	.140	.255	.360	.290	.468
055	PIF 69	5/16	.095	.075	.145	.095	.218
056	PIF 70	19/32	.171	.187	.295	.260	.418
057	PIF 71	19/32	.250	.187	.300	.245	.497
058	PIF 72	19/32	.365	.187	.290	.245	.622
059	PIF 73	11/32	.171	.187	.295	.260	.380
060	PIF 74	19/32	.405	.160	.315	.275	.620
061	PIF 75	1/4	.550	.135	.145	.112	.745
062	PIF 76	15/32	.129	.148	.238	.197	.399
063	PIF 77	15/64	.320	.084	.145	.118	.437
064	PIF 78	13/32	.250	.100	.278	.217	.395
065	PIF 79	9/16	.950	.174	.228	.172	1.20
066	PIF 80	3/8	1.258	.17	.202	.165	1.365

NYLON PUSH-IN-FASTENERS (CONTINUED)



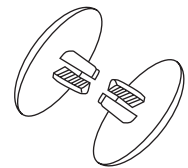
Part Number: B13 + Code

CODE	DESC	H	A	B	C	D	L
067	PIF 81	11/32	.125	.137	.202	.165	.31
068	PIF 82	11/16	.250	.255	.360	.290	.585
069	PIF 83	1/2	.064	.138	.280	.243	.262
070	PIF 84	1/2	.099	.168	.280	.245	.324
071	PIF 85	1/2	.127	.177	.281	.241	.361
072	PIF 86	1/2	.156	.170	.281	.242	.380
073	PIF 87	1/2	.189	.151	.278	.241	.395
074	PIF 88	1/2	.219	.178	.277	.239	.445
075	PIF 89	1/2	.250	.175	.283	.241	.487
076	PIF 90	1/2	.281	.176	.280	.240	.513
077	PIF 91	1/2	.314	.152	.281	.241	.520
078	PIF 92	1/2	.345	.177	.281	.240	.578
079	PIF 93	1/2	.375	.175	.281	.242	.609
080	PIF 94	1/2	.405	.175	.282	.243	.638

CODE	DESC	H	A	B	C	D	L
081	PIF 95	19/32	.130	.125	.205	.145	.305
082	PIF 96	1/2	.466	.178	.280	.240	.701
083	PIF 97	1/2	.498	.176	.280	.240	.734
084	PIF 98	1/2	.438	.176	.281	.240	.672
085	PIF 99	1/2	1.020	.380	.475	.350	1.460
086	PIF 100	3/8	1.543	.205	.295	.250	1.875
087	PIF 101	.680	.154	.255	.347	.285	.473
088	PIF 102	.300	.050	.137	.202	.165	.337
089	PIF 105	5/8	1.065	.360	.360	.270	1.50
090	PIF 0150	.345	.548	.159	.224	.178	.780
091	PIF 0253	.766	.640	.183	.220	.180	.875
092	PIF 0466	3/8	.875	.250	.312	.250	1.187
093	PIF 1165	13/32	.890	.060	.340	.260	1.015
094	PIF 1186	.275	.400	.133	.160	.135	.617

NYLON RIVETS

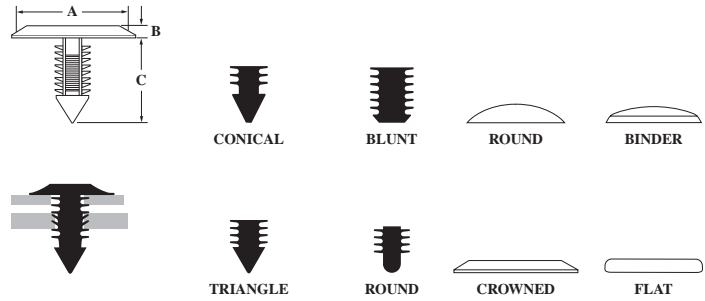
Part Number: G17+ Code



CODE	ASSEMBLED PANEL THICKNESS	HEAD DIAMETER & THICKNESS
001	.235-.298	.750/.094
002	.345-.500	.750/.094
003	.500-.812	.750/.093
004	.780-1.375	.750/.093
005	.235-.297	.406/.062
006	.346-.500	.406/.063
007	.500-.813	.406/.063
008	.780-1.375	.406/.062

Two mating parts to securely connect flat panels. (Assembly to fit .281 diameter hole.)

X-MAS TREE CLIPS



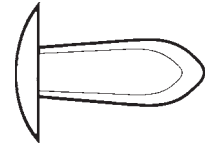
Part Number: B15+ Code

CODE	POINT STYLE	HOLE DIAMETER	PANEL THICKNESS*	HEAD DIAMETER A	HEAD STYLES	HEAD HEIGHT B	PRONG LENGTH C
001	MOD. BLUNT	.120-.130	.135-.250	.235-.245	FLAT	.070-.090	.298-.318
003	BLUNT	.151-.161	.035-.312	.360-.390	MOD. FLAT	.080-.100	.511-.551
004	CONICAL	.182-.192	.035-.210	.427-.447	FLAT	.065-.075	.432-.452
005	CONICAL	.182-.192	.080-4.02	.427-.447	FLAT	.065-.075	.630-.650
006	CONICAL	.182-.192	.080-.400	.327-.347	ROUND	.040-.060	.560 REF.
007	ROUND	.182-.192	.200-1.150	.432-.442	FLAT	.070-.090	1.360-1.390
008	CONICAL	.185-.195	.100-.600	.460-.480	BINDER**	.038-.040	.700 REF.
009	TRIANGLE	.190-.200	.060-.480	.745-.755	FLAT**	.065-.075	.690-.710
011	CONICAL	.223-.233	.140-.750	.490-.510	BINDER	.054-.064	.935-.955
012	ROUND	.240-.260	.075-.185	.610-.625	FLAT	.115-.135	.384-.404
014	MOD. TRIANGLE	.245-.255	.095-.320	.730-.770	FLAT	.030-.050	.470-.510
015	CONICAL	.245-.255	.040-.750	.740-.760 SQ.	FLAT	.050-.060	1.050-1.080
016	CONICAL	.245-.255	.065-1.250	.990-1.010	FLAT	.050-.070	1.415-1.465
017	MOD. TRIANGLE	.245-.255	.070-.400	690-.710	ROUND	.090-.110	.561-REF.
018	MOD. TRIANGLE	.245-.255	.070-.400	.490-.510	ROUND	.050-.070	.571 REF.
019	TRIANGLE	.247-.257	.110-.370	1.240-1.260	FLAT	.049-.069	.429-.451
021	CONICAL	.276-.286	.350-.800	1.210-1.230	MOD. FLAT	.085-.095	1.100-1.140
022	CONICAL	.276-.286	.250-.800	.495-.505	ROUND	.055-.065	.940-.950
024	TRIANGLE	.276-.286	.050-.900	.750-.770	CROWNED	.100-.120	1.240-1.280
025	TRIANGLE	.276-.286	.093-.470	.610-.630	FLAT	.035-.045	.720-.770
026	CONICAL	.276-.286	.100-.870	.580-.620	CROWNED	.050-.070	1.300-1.320
027	CONICAL	.276-.286	.810-1.580	.580-.620	CROWNED	.050-.070	2.010-2.030
028	TRIANGLE	.276-.286	1.520-2.290	.580-.620	CROWNED	.050-.070	2.730 REF.
029	CONICAL	.281-.291	.530-.920	1.240-1.260	BINDER	.085-.095	1.155-1.225
031	BLUNT	.315-.325	.093-.400	.370-.390 X .490-.510	MODIFIED CROWN	.075-.105	.520-.540
032	BLUNT	.312-.325	.130-.500	.490-.510	BINDER	.045-.055	.660 REF.

* Due to the unique prong design the recommended panel thickness range can be exceeded in certain applications. X-mas Tree Clips do not have to extend beyond the panel and will hold securely in blind holes if the panel material is softer than the X-mas Tree Clip (i.e., wood, particle board, rigid foam, etc.)

** Grained surface
 Note: not all parts have fin design shown.
 Note: Dimensions listed are nominal

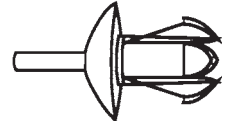
NYLON ARROW/CANOE CLIPS



Part Number: B11 + Code

CODE	ROUND HOLE SIZE	HEAD SIZE	GRIP RANGE	CLIP DIAMETER	LENGTH
001	.135-.140	.300 X .060	.060-.070	.165	.330
002	.131-.141	.406 X .150	.060-.090	.160	.275
003	.131-.141	.406 X .100	.080-.125	.170	.365
004	.131-.141	.406 X .100	.115-.160	.155	.437
005	.131-.141	.300 X .100	.115-.160	.155	.437
006	.182-.192	.375 X .060	.100-.160	.205	.437
007	.250	.500 X .055	.095-.218	.285	.630
008	.182-.192	.360 X .060	.062-.125	.225	.400
009	.131-.135	.270 X .060	.062-.125	.160	.395
010	.151-.161	.280 X .080	.062-.145	.180	.400
011	.213-.223	.370 X .060	.125-.187	.248	.540
012	.182-.192	.370 X .060	.310-.330	.225	.540
013	.213-.223	.370 X .060	.062-.125	.225	.450
014	.250-.260	.484 X .060	.125-.187	.290	.575
015	.182-.192	.375 X .060	.165-.185	.206	.525
016	.130-.132	.270 X .070	.125-.140	.162	.318
017	.145-.150	.270 X .070	.290-.300	.196	.530
018	.118-.122	.280 X .060	.062-.125	.150	.390
019	.250-.260	.615 X .065	.360-.380	.286	.810
020	.320-.335	.683 X .070	.062-.340	.375	.900
021	.250-.260	.610 X .068	.500-.750	.287	1.135
022	.151-.161	.280 X .040	.062-.125	.196	.390
023	.120-.135	.270 X .040	.062-.125	.140	.330
024	.335-.345	.866 X .050	.062-.140	.370	.458
025	.062-.065	.100 X .020	.010-.031	.068	.125
026	.195-.200	.370 X .060	.035-.065	.225	.350
027	.160-.165	.280 X .080	.032-.125	.186	.400
028	.330-.340	.685 X .070	.125-.350	.375	.895
029	.250-.260	.500 X .050	.125-.250	.280	.630
030	.085-.090	.125 X .030	.032-.107	.107	.187

NYLON BLIND DRIVE RIVETS



Part Number: B14 + Code

CODE	NOMINAL HOLE	GRIP RANGE	HEAD SIZE	HEAD STYLE	PRONG LENGTH
001	.125	.031-.140	.187 x .047	ROUND	.190
002	.136	.125-.187	.250 x .071	ROUND	.260
003	.187	.062-.125	.281 x .075	ROUND	.230
004	.187	.062-.187	.437 x .075	TRUSS	.295
005	.187	.156-.281	.437 x .075	TRUSS	.391
006	.250	.281-.500	.468 x .080	TRUSS	.620
007	.187	.156-.281	.430 x .075	TRUSS	.380
008	.218	.093-.350	.375 x .080	ROUND	.450
009	.156	.187-.250	.218 x .050	BINDER	.312
010	.218	.094-.312	.437 x .100	BINDER	.464
011	.156	.218-.312	.218 x .050	BINDER	.359
012	.187	.062-.187	.281 x .050	TRUSS	.296
013	.156	.218-.383	.218 x .050	BINDER	.421
014	.187	.062-.125	.430 x .120	BINDER	.218
015	.187	.125-.187	.430 x .075	TRUSS	.281
016	.187	.062-.187	.430 x .075	TRUSS	.285
017	.187	.031-.200	.275 x .075	ROUND	.295
018	.187	.312-.440	.281 x .075	BINDER	.535
019	.187	.062-.187	.281 x .075	ROUND	.295
020	.187	.078-.375	.281 x .047	ROUND	.450
021	.187	.312-.440	.320 x .109	ROUND	.535
022	.187	.375-.500	.281 x .080	BINDER	.625
023	.187	.078-.375	.320 x .109	ROUND	.455
024	.187	.375-.500	.320 x .109	ROUND	.609
025	.187	.375-.750	.320 x .109	ROUND	.850
026	.275	.062-.600	.370 x .080	ROUND	.640
027	.250	.350-.500	.468 x .080	BINDER	.620
028	.250	.350-.500	.370 x .080	ROUND	.620

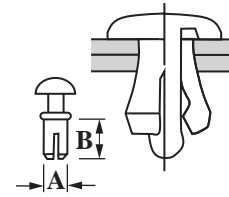
CODE	NOMINAL HOLE	GRIP RANGE	HEAD SIZE	HEAD STYLE	PRONG LENGTH
029	.250	.156-.330	.468 x .080	BINDER	.375
030	.250	.093-.312	.468 x .080	BINDER	.500
031	.187	.312-.440	.312 x .062	BINDER	.535
032	.187	.375-.500	.315 x .062	BINDER	.609
033	.245	.140-.550	.375 x .100	BINDER	.625
034	.187	.078-.375	.312 x .062	BINDER	.450
035	.250	.125-.437	.468 x .080	BINDER	.585
036	.250	.078-.275	.494 x .305	BUTTON	.375
037	.218	.031-.062	.375 x .223	BUTTON	.170
038	.182	.130-.290	.280 x .050	TRUSS	.380
039	.160	.062-.180	.295 x .050	ROUND	.230
041	.226	.125-.312	.437 x .075	TRUSS	.468
042	.250	.062-.125	.370 x .080	ROUND	.218
043	.250	.093-.312	.468 x .080	TRUSS	.500
044	.250	.109-.156	.500 x .312	ROUND	.375
045	.125	.031-.140	.218 x .060	ROUND	.225
046	.218	.187-.250	.375 x .080	TRUSS	.343
047	.275	.093-.350	.620 x .109	BINDER	.480
048	.280	.062-.350	.485 x .075	TRUSS	.468
049	.250	.093-.312	.625 x .109	BINDER	.500
050	.250	.281-.500	.625 x .109	BINDER	.620
051	.226	.125-.312	.375 x .080	ROUND	.468
052	.187	.062-.187	.375 x .080	ROUND	.295
053	.187	.156-.281	.375 x .080	ROUND	.380
054	.187	.062-.187	.375 x .080	ROUND	.281
055	.266	.093-.187	.620 x .109	BINDER	.300
056	.215	.078-.300	.630 x .080	TRUSS	.430
057	.160	.218-.312	.375 x .050	ROUND	.355

- Prongs of the Blind Drive Rivets compress to enter hole, lock tight when blow drives integral pin through hollow shank.

NYLON SNAP RIVET

Part Number B18 + Code

CODE	A	B	PANEL THICKNESS
001	.180	.135	.060/.120
002	.118	.140	.050/.100
003	.122	.220	.122/.160
004	.155	.200	.100-.140
005	.155	.240	.144/.188
006	.200	.280	.160/.200
007	.102	.170	.078/.118
008	.135	.220	.118/.157
009	.157	.315	.148/.188
010	.157	.236	.050/.180
011	.166	.265	.170/.210
012	.118	.520	.400/.440
013	.198	.368	.230/.300
014	.160	.315	.100/.250
015	.135	.180	.060/.120

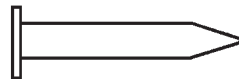


☐ ±.010 on B Dimension

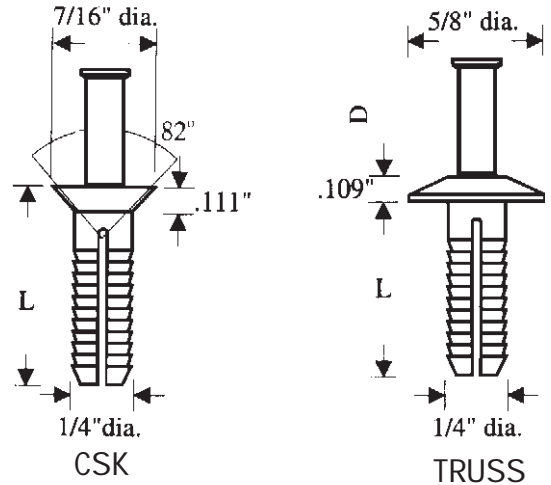
MOLDED NYLON NAILS

Part Number: K14 + Code Number

CODE	DIAMETER	LENGTH
001	3/16	3/4
002	3/16	1-1/2
003	7/32	1-1/4



INSULATING BLIND DRIVE RIVETS




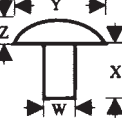
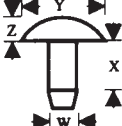
Part Number: B16 + Code

CODE	LENGTH "L"	STYLE	THICK "D"	GRIP RANGE MIN.	GRIP RANGE MAX.	PLASTIC RIVET COLOR	PIN
001	3/4	TRUSS	.109	1/16	1/2	NATURAL	ALUMINUM
002	3/4	TRUSS	.109	1/16	1/2	BLACK	ALUMINUM
003	3/4	TRUSS	.109	1/16	1/2	NATURAL	PLASTIC
004	3/4	TRUSS	.109	1/16	1/2	BLACK	PLASTIC
005	3/4	TRUSS	.109	1/16	1/2	WHITE	PLASTIC
006	3/4	CSK	.111	3/16	1/2	NATURAL	ALUMINUM
007	3/4	CSK	.111	3/16	1/2	NATURAL	PLASTIC
008	3/4	CSK	.111	3/16	1/2	WHITE	PLASTIC
009	1	TRUSS	.109	1/4	3/4	NATURAL	ALUMINUM
010	1	TRUSS	.109	1/4	3/4	NATURAL	PLASTIC
011	1	TRUSS	.109	1/4	3/4	WHITE	PLASTIC
012	1	CSK	.111	1/4	3/4	NATURAL	ALUMINUM
013	1	CSK	.111	1/4	3/4	NATURAL	PLASTIC
014	1	CSK	.111	1/4	3/4	WHITE	PLASTIC
015	2	TRUSS	.131	1-5/16	1-7/8	WHITE	PLASTIC
016	3	TRUSS	.131	2-5/16	2-7/8	WHITE	PLASTIC
017	4	TRUSS	.131	3-5/16	3-7/8	WHITE	PLASTIC

- Drive pin/nylon body assembly, all plastic
- One blow sets rivet, no need for special tools
- Large grip capacity allows multi-thickness, single rivet size fastening
- Corrosion, vibration resistant
- Ideal for insulating, such as refrigeration liners

NYLON STEMMED BUMPERS & RIVETS

Part Number: G11 + Code

CODE	DIMENSIONS				EXAMPLE
	STEM (W) DIAMETER	STEM (X) LENGTH	HEAD (Y) DIAMETER	HEAD (Z) THICKNESS	
003	.062	.109	.094	.046	
009	.085	.125	.143	.058	
017	.110	.050	.200	.093	
105	.140	.140	.250	.080	
010*	.085	.187	.143	.058	
012*	.085	.250	.143	.058	
013	.085	.312	.143	.058	
014*	.085	.375	.143	.058	
015*	.085	.437	.143	.058	
016*	.085	.500	.143	.058	
019	.125	.125	.218	.090	
021*	.125	.125	.250	.068	
023*	.125	.187	.218	.090	
024*	.125	.187	.250	.068	
025*	.125	.250	.218	.090	
026	.125	.250	.255	.051	
027*	.125	.250	.250	.068	
028	.125	.375	.255	.051	
029*	.125	.312	.218	.090	
030*	.125	.312	.250	.068	
032*	.125	.375	.218	.090	
033*	.125	.375	.250	.068	
035*	.125	.437	.250	.068	
036*	.125	.500	.218	.090	
037*	.125	.500	.250	.068	
038*	.125	.562	.250	.068	
039*	.125	.625	.250	.068	
040*	.125	.687	.250	.068	
046	.260	.218	.421	.187	
131	.085	.125	.147	.058	
132	.085	.312	.147	.025/.058	
047	.328	.157	.562	.093	
049	.150	.312	.380	.078	
052	.156	.250	.375	.093	
056	.160	.187	.312	.125	

- Items with asterisks (*) are made of acetal/delrin
- Minimums may be required

NYLON STEMMED BUMPERS & RIVETS (CONTINUED)

Part Number: G11 + Code

CODE	DIMENSIONS				EXAMPLE	
	STEM (W) DIAMETER	STEM (X) LENGTH	HEAD (Y) DIAMETER	HEAD (Z) THICKNESS		
018	.125	.039	.250	.063		
022	.125	.172	.246	.046		
058	.078	.094	.203	.015		
061	.092	.033	.156	.032		
065	.125	.187	.406	.078		
072	.186	.500	.625	.190		
094	.188	.406	.437	.093		
084	.091	.060	.155	.065		
085	.091	.060	.155	.096		
086	.116	.405	.200	.060		
087	.125	.152	.187	.030		
088	.134	.285	.250	.090		
090	.156	.250	.500	.097		
091	.158	.172	.344	.078		
096	.203	.281	.250	.094		
097	.256	.375	.500	.125		
098	.068	.046	.125	.078		
101	.076	.062	.156	.093		
103	.093	.060	.155	.060		
106	.158	.185	.308	.058		
107	.187	.125	.500	.125		
109	.158	.195	.310	.093		
111	.152	.250	.500	.062		
113	.260	.437	.750	.187		
112	.184	.157	.343	.046		
115	.153	.188	.372	.093		
117	.215	.280	.375	.063		
114	.109	.109	.250	.093		

NYLON STEMMED BUMPERS & RIVETS (CONTINUED)

Part Number: G11 + Code

CODE	DIMENSIONS				EXAMPLE
	STEM (W) DIAMETER	STEM (X) LENGTH	HEAD (Y) DIAMETER	HEAD (Z) THICKNESS	
126	.156	.141	.300	.046	
130	.078	.500	.145	.027	
134	.085	.312	.147	.058	
135	.085	.312	.147	.020	
136	.085	.625	.147	.030	
137	.125	.187	.250	.050	
081	.320	.235	1.000	.180	
069	.160	.187	.312	.093	

NYLON CABLE TIES



Part Number: K77 + Code

MINIATURE 18 POUND SERIES

CODE	COLOR	LENGTH (INCHES)	WIDTH (INCHES)	BUNDLE DIAM. (INCHES)	MILITARY SPEC
001	Natural	3.1	.10	.68	-
002	Black	3.1	.10	.68	-
003	Natural	4.0	.10	.75	MS3367-4-9
004	Black	4.0	.10	.75	MS3367-4-9
005	Natural	6.0	.10	1.25	-
006	Black	6.0	.10	1.25	-
007	Natural	8.0	.10	2.0	-
008	Black	8.0	.10	2.0	-

INTERMEDIATE 40 POUND SERIES

CODE	COLOR	LENGTH (INCHES)	WIDTH (INCHES)	BUNDLE DIAM. (INCHES)	MILITARY SPEC
009	Natural	5.7	.14	1.25	MS3367-5-9
010	Black	5.7	.14	1.25	MS3367-5-9
011	Natural	8.1	.14	2.0	-
012	Black	8.1	.14	2.0	-
013	Natural	11.2	.15	3.0	-
014	Black	11.2	.15	3.0	-
015	Natural	14.5	.15	4.0	-
016	Black	14.5	.15	4.0	-

STANDARD 50 POUND SERIES

CODE	COLOR	LENGTH (INCHES)	WIDTH (INCHES)	BUNDLE DIAM. (INCHES)	MILITARY SPEC
017	Natural	6.3	.18	1.5	-
018	Black	6.3	.18	1.5	-
019	Natural	8.0	.19	2.0	MS3367-1-9
020	Black	8.0	.19	2.0	MS3367-1-0
021	Natural	9.9	.19	2.6	-
022	Black	9.9	.19	2.6	-
023	Natural	11.8	.19	3.0	MS3367-7-9
024	Black	11.8	.19	3.0	MS3367-7-0
025	Natural	14.6	.19	4.0	MS3367-2-9
026	Black	14.6	.19	4.0	MS3367-2-0
027	Natural	17.0	.19	5.0	-
028	Black	17.0	.19	5.0	-

NYLON CABLE TIES (CONTINUED)



Part Number: K77 + Code

LIGHT HEAVY 120 LB SERIES

CODE	COLOR	LENGTH (INCHES)	WIDTH (INCHES)	BUNDLE DIAM. (INCHES)	MILITARY SPEC
029	Natural	7.9	.30	2.0	-
030	Black	7.9	.30	2.0	-
031	Natural	11.9	.30	3.0	-
032	Black	11.9	.30	3.0	-
033	Natural	14.5	.30	4.0	MS3367-3-9
034	Black	14.5	.30	4.0	MS3367-3-9
035	Natural	21.3	.30	5.6	-
036	Black	21.3	.30	5.6	-

HEAVY 175 POUND SERIES

CODE	COLOR	LENGTH (INCHES)	WIDTH (INCHES)	BUNDLE DIAM. (INCHES)
037	Natural	17.0	.35	4.9
038	Black	17.0	.35	4.9
039	Natural	20.7	.35	5.5
040	Black	20.7	.35	5.5
041	Natural	24.9	.35	7.0
042	Black	24.9	.35	7.0
043	Natural	32	.35	9.4
044	Black	32	.35	9.4
045	Natural	36.5	.35	10.7
046	Black	36.5	.35	10.7
047	Natural	48	.35	15
048	Black	48	.35	15

EXTRA HEAVY 250 POUND SERIES

CODE	COLOR	LENGTH (INCHES)	WIDTH (INCHES)	BUNDLE DIAM. (INCHES)
049	Natural	17.0	.50	4.9
050	Black	17.0	.50	4.9
051	Natural	22	.50	6.0
052	Black	22	.50	6.0
053	Natural	34	.50	10.1
054	Black	34	.50	10.1
055	Natural	40	.50	12.1
056	Black	40	.50	12.1

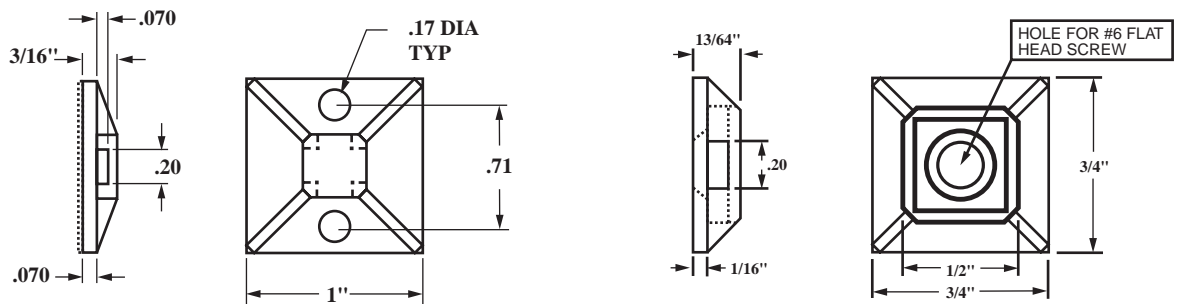
PLAIN WIRE TIES



Part Number: K78 + Code

CODE	LENGTH
001	4
002	6
003	8
004	10

- Stocked in Natural Nylon
- Polypropylene available on request; minimum will apply



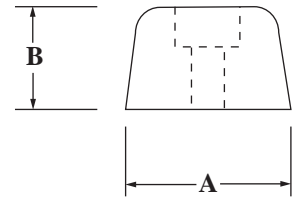
NYLON CABLE TIE MOUNT NATURAL COLOR

Part Number: K25 + Code

CODE	PART	SIZE (SQUARE)	STYLE
001	08-461	3/4	Adhesive Backed for 4" Ties
002	08-462	1	Adhesive Backed for 7"-11" Ties
003	08-463	1	Plain Back for 7"-11" Ties

CABINET FEET WITH NICKLE-PLATED STEEL INSERTS

The TPR Plastic Cabinet Feet with Nickle-plated Steel Inserts are designed for longer life and to take greater loads than all-plastic feet, because the screw load is absorbed by the insert. Can also be used as bumpers with the same advantage.



Part Number: K20 + Code

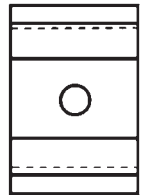
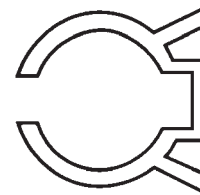
CODE	MACHINE SCREW SIZE	DIMENSIONS	
		A	B
001	4	.562	.375
002	6	.750	.437
003	8	.937	.625
005	10	1.125	.875
006	10	1.250	1.125
007	4	.625	.312
008	6	.750	.375
009	6	.875	.437

CODE	MACHINE SCREW SIZE	DIMENSIONS	
		A	B
010	8	1.062	.531
011	10	1.250	.625
012	6	.687	.250
013	8	.875	.312
014	10	1.062	.437
015	10	1.312	.500
016	10	1.625	.562

COMPONENT CLIPS

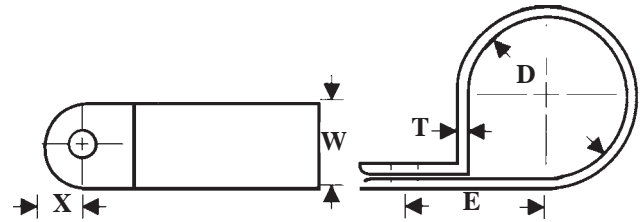
Part Number: K23 + Code

CODE	DIA. OF PART TO BE HELD	CLIP LENGTH
001	1/4	1/2
002	5/16	1/2
003	3/8	1/2
004	7/16	1/2
005	1/2	1/2
006	9/16	1/2
007	5/8	1/2
008	11/16	1/2
009	3/4	1/2
010	7/8	1/2
011	1	1-1/8 (2 mounting holes)
012	1-3/8	1-1/8 (2 mounting holes)



- Holds, protects and insulates electrical components
- Clips permit fast and easy insertion and removal
- Holds parts firmly
- Black PVC
- 3/32" Dia. Mounting Hole for 1/4" thru 5/8" Part Size
- 5/32" Dia. Mounting Hole for 11/16" thru 1-3/8" Part Size

NYLON PLAIN EDGE CABLE CLAMPS



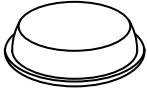


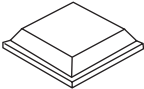
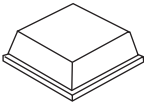


Part Number: K35 + Code

CODE	D1 CLOSED DIAMETER (INCHES)	E (INCHES)	T THICKNESS (INCHES)	W WIDTH (INCHES)	H HOLE DIAMETER (INCHES)	X (INCHES)
001	.125	.329	.050	.375	.170	.218
002	.187	.430	.050	.375	.170	.218
003	.250	.410	.050	.375	.170	.218
004	.312	.495	.050	.375	.170	.218
005	.375	.595	.050	.375	.170	.218
006	.437	.574	.050	.375	.170	.218
007	.500	.605	.050	.375	.170	.218
008	.125	.329	.050	.375	.203	.218
009	.187	.378	.050	.375	.203	.218
010	.250	.410	.050	.375	.203	.218
011	.312	.495	.050	.375	.203	.218
012	.375	.595	.050	.375	.203	.218
013	.437	.574	.050	.375	.203	.218
014	.500	.605	.050	.375	.203	.218
015	.250	.410	.060	.500	.203	.218
016	.312	.500	.060	.500	.203	.218
017	.375	.530	.060	.500	.203	.218
018	.437	.560	.060	.500	.203	.218
019	.500	.595	.060	.500	.203	.218
020	.562	.606	.060	.500	.203	.218
021	.625	.655	.060	.500	.203	.218
022	.687	.755	.060	.500	.203	.218
023	.750	.780	.060	.500	.203	.218
024	.812	.815	.060	.500	.203	.218
025	.875	.845	.060	.500	.203	.218
026	1.000	.910	.060	.500	.203	.218
027	1.125	.970	.060	.500	.203	.218
028	1.187	1.00	.060	.500	.203	.218
029	1.250	1.060	.060	.500	.203	.218
030	1.375	1.125	.060	.500	.203	.218
031	1.500	1.190	.060	.500	.203	.218
TOLERANCES	±.010	±.030	±.005	±.015	±.010	±.030

MOLDED POLYURETHANE SELF-STICK BUMPERS


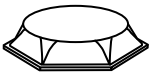
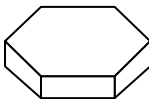
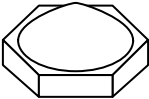
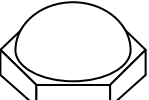

Part Number: G12 (WHITE) + Code
 G13 (BLACK) + Code
 G14 (BROWN) + Code
 G15 (GREY) + Code
 G16 (CLEAR) + Code
 G18 (TRUE WHITE) + Code
 G19 (LIGHT BROWN) + Code

CODE	CATALOG #	HEIGHT	DIAMETER/WIDTH	EXAMPLE
001	SJ-5003	.20"	.44"	
004	SJ-5017	.38"	.75"	
007	SJ-5027	.33"/.320	.63"	
011	SJ-5302	.085"	.312"	
013	SJ-5306	.15"	.375"	
002	SJ-5009	.40"	.88"	
009	SJ-5532	.66"	1.88"	
016	SJ-5001	.14"	.50"	
003	SJ-5012	.14"	.50"	
019	SJ-5076	.11"	.315"	
029	SJ-5744	.16"	.75"	
030	SJ-6115	.187" (total height)	.625" (diameter of brim)	
031	SJ-6125	.250" (total height)	.625" (diameter of brim)	
017	SJ-5007	10"	.41"	
018	SJ-5008	.12"	.50"	
028	SJ-5705	.25"	1.275"	
005	SJ-5023	.30"	.81"	
015*	SJ-5523	.30"	.81"	
006	SJ-5018	.23"	.50"	
027**	SJ-5518	.23"	.50"	

- General tolerances: ± .020
- *Code #015 same shape as #005, manufactured in strips instead of pads
- **Code #027 same shape as #006, diecut and perforated instead of kiss cut

MOLDED POLYURETHANE SELF-STICK BUMPER (CONTINUED)
 STANDARD SERIES COLORS: WHITE, BLACK, BROWN, GREY, CLEAR

Part Number: G12 (WHITE) + Code
G13 (BLACK) + Code
G14 (BROWN) + Code
G15 (GREY) + Code
G16 (CLEAR) + Code
G18 (TRUE WHITE) + Code
G19 (LIGHT BROWN) + Code

CODE	CATALOG #	HEIGHT	DIAMETER/WIDTH	EXAMPLE
008	SJ-5514	.515"	.81"	
020	SJ-5077	.16"	.65"	
021	SJ-5201	.125"	.433"	
022	SJ-5202	.063"	.433"	
032	SJ-6553	.120"	.433"	
033	SJ-6561	.150"	.433"	
CONTINUOUS STRIP BUMPERS				
010	SJ-5510	.15"	.50"	














RESILIENT ROLLSTOCK

These versatile cushioning products function as non-skid feet, spacers, and cushions. Their anti-skid, anti-vibration capabilities help extend product life and improve product performance. With their buffering properties, they also protect surfaces from marring, staining, and abrasion.

- Converters can custom die cut these products to fit virtually any shape or application.
- Ideal for laptop computers, calculators, electronic equipment, and housewares.
- Available clear or colored, in a variety of widths, and with a choice of adhesives.
- Please call for details.







PIPE PLUGS

Part Number: I11+ Code

CODE	CAT. #	HEAD TYPE (MATERIAL)	PIPE SIZE
001	1400	HEX NYLON	1/8
002	1401		1/4
003	1402		3/8
004	1403		1/2
005	1404		3/4
006	1405		1
007	1406		1-1/4
008	1410	SQUARE NYLON	1/8
009	1411		1/4
010	1412		3/8
011	1413		1/2
012	1414		3/4
013	1415		1
014	1416		1-1/4
094	1910	HEX NYLON	1/8
095	1911		1/4
096	1912		3/8
098	1917	SQUARE NYLON	1/8
099	1918		1/4
100	1919		3/8
101	1920		1/2
106	1928	RECESSED SLOTTED NYLON	1/8
107	1929		1/4

PIPE PLUGS (CONTINUED)

Part Number: I11+ Code

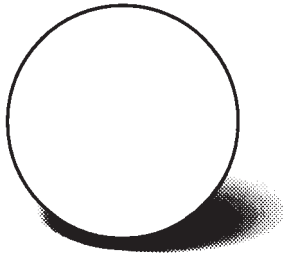
CODE	CAT. #	HEAD TYPE (MATERIAL)	PIPE SIZE
079	1470	<p>SQUARE HEAD (HI DENSITY POLYETHYLENE - BLACK)</p> 	1/8
080	1471		1/4
081	1472		3/8
082	1473		1/2
083	1474		3/4
084	1475		1
085	1476		1-1/4
086	1477		1-1/2
087	1490		<p>HEX SOCKET (HI DENSITY POLYETHYLENE - BLACK)</p> 
088	1491	3/8	
089	1492	1/2	
090	1493	3/4	
091	1494	1	
110	1933	<p>HEX (DELRIN/ACETAL)</p> 	1/8
111	1934		1/4
114	1939	<p>SQUARE (DELRIN/ACETAL)</p> 	1/8
115	1940		1/4
116	1941		3/8
117	1942		1/2
118	1945		<p>HEX SOCKET (DELRIN/ACETAL)</p> 
122	1951	<p>RECESSED SLOTTED (DELRIN/ACETAL)</p> 	1/8
123	1952		1/4

SOLID GROUND BALLS

AVAILABLE IN NYLON, ACETAL, TEFLON®, POLYPROPYLENE, AND BUNA N

GRADE 1

DIAMETER TOL: ±.001"
SPHERICITY: .0005"

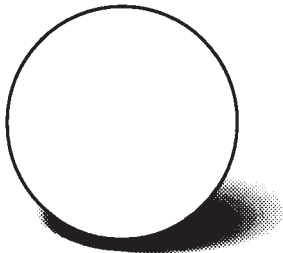


DIAMETER
1/16
3/32
1/8
5/32
3/16
7/32
1/4
9/32
5/16
11/32

DIAMETER
3/8
7/16
1/2
9/16
5/8
11/16
3/4
13/16
7/8
1

GRADE 2

DIAMETER TOL: ±.002"
SPHERICITY: .001"

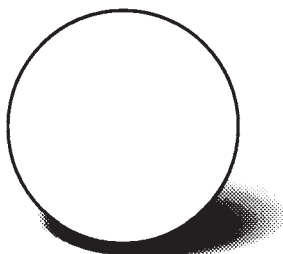


DIAMETER
1/16
3/32
1/8
5/32
3/16
7/32
1/4
9/32
5/16
11/32

DIAMETER
3/8
7/16
1/2
9/16
5/8
11/16
3/4
13/16
7/8
1

GRADE 3

LARGE DIAMETER
DIAMETER TOL: ±.010"
SPHERICITY: .010"



DIAMETER
1-1/8
1-1/4
1-3/8
1-1/2
1-5/8
1-3/4
1-7/8
2
2-1/4
2-1/2
2-3/4

DIAMETER
3
3-1/4
3-1/2
3-3/4
4
4-1/4
4-1/2
4-3/4
5
5-1/2
6

ACRYLIC BALLS 1/4" DIAMETER

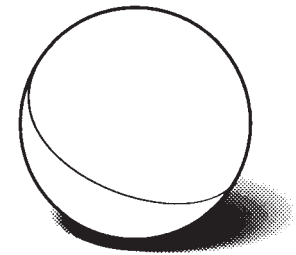
Part Number: M16 + Code

CODE	COLOR
001	Transparent Crystal
007	Transparent Dark Sapphire
010	Transparent Dark Amethyst
015	Transparent Ruby
016	Transparent Tangerine
024	Transparent Xmas Green
032	Opaque Black
034	Opaque Red
041	Opaque Navy
042	Opaque Green
043	Opaque Turquoise
045	Opaque Light Blue
046	Opaque Pink
049	Opaque Lemon

HOLLOW BALLS NATURAL COLOR

Part Numbers: Polypropylene: J57 + Code HDPE: J58 + Code

CODE	DIAMETER	WALL THICKNESS
001	3/8	.015/.050
002	3/4	.015/.050
003	1	.015/.050
004	1-1/2	.015/.050
005	1-3/4	.015/.050
006	2	.015/.050
007	2-3/4	.015/.050
008	3	.015/.050
009	4	.015/.050
010	6	.015/.050



- Balls have a seam around circumference
- Tolerance: ±.010

FASTENER VARIETY ASSORTMENT NYLON SCREWS

Please refer to illustrations of head styles on page 8

Part Number: H13 + Code

CODE	ASST. #	QUANTITY	HEAD TYPE	CONTENTS
002	A500-B	500	Binding	100 each of
003	A500-R	500	Round	4-40, 6-32, 8-32
004	A500-FI	500	Fillister	10-32 & 1/4-20
008	A500-FL	500	Flat	screws

ASSORTED FASTENERS PRECISION MOLDED FASTENERS

Part Number: H12001

CONTAINS THE FOLLOWING ITEMS:

- 100 SOLID NYLON MINIATURE SCREWS (0-80 to 3-48)
- 100 SOLID NYLON SCREWS (4-40)
- 75 SOLID NYLON & "STEEL-CORE" SCREWS (6-32)
- 75 HEX NUTS, LOCK NUTS, WASHERS & SCREW INSULATORS (4-40)
- 75 HEX NUTS, LOCK NUTS, WASHERS & SCREW INSULATORS (6-32)
- 50 HEX NUTS, LOCK NUTS, WASHERS & SCREW INSULATORS (8-32)
- 60 SOLID NYLON & "STEEL-CORE" SCREWS (1/4-20)
- 50 HEX NUTS, WASHERS & SCREW INSULATORS (1/4")
- 50 HEX NUTS, LOCK NUTS, WASHERS & SCREW INSULATORS (10-32)
- 50 SOLID NYLON SCREWS, HEX NUTS & LOCK NUTS (10-24)
- 60 SOLID NYLON & "STEEL-CORE" SCREWS (8-32)
- 60 SOLID NYLON & "STEEL-CORE" SCREWS (10-32)

800 PIECES OF ASSORTED FASTENERS IN THE MOST USEFUL SIZES!

NYLON WASHER ASSORTMENT

650 USEFUL STANDARD I.D.'S & O.D.'S RANGING FROM 1/16 I.D. TO 1" I.D.

Part Number: K27001

1/8" ID	5/15" ID	1/2" ID	5/8" ID	3/4" ID
3/8" OD	1/2" OD	3/4" OD	7/8 OD	1" OD
3/16" ID	3/8" ID	1/2" ID	5/8" ID	3/4" ID
7/16" OD	5/8" OD	1" OD	1" OD	1-1/4" OD
1/4" ID	7/16" ID	9/16" ID	11/16" ID	
1/2" OD	3/4" OD	7/8" OD	1" OD	

- Thickness color coded: 1/64" Black, 1/32" Red, 1/16" Natural Color
- Packaged in sturdy, hinged plastic box
- Substitutions may be necessary

A Guide To Plastics

Nylon All grades possess toughness and resiliency and have high fatigue strength. Resistance to oils and hydrocarbon solvents is also good. Almost all formulations are also self-extinguishing and retain stable mechanical properties at temperatures from -75°F to above 225°F. They are widely used for latches, cams, gears, and many other moving parts due to their excellent abrasion and impact resistance. Nylon is also available in a variety of glass-filled grades, further enhancing its mechanical properties.

Acetal (DELTRIN) displays good impact resistance, dimensional stability and outstanding surface hardness due to its high degree of crystallinity. It has high dielectric strength and is resistant to many solvents. It also exhibits negligible water absorption. Typical applications include roller bearings, gears, reels, counters, control cams, valves, and pump parts.

Polycarbonate (LEXAN) exhibits the highest impact strength over a range of temperatures from -60°F to 270°F. It is fine for all precision parts, or where transparency is desired. Its water-clear transmittance (89%) makes it excellent for visor or guards. It shows good creep resistance and has a temperature-independent dielectric constant, as well as good insulating properties.

Polypropylene has good impact resistance and structural rigidity. It is unaffected by most solvents at room temperature. PP has excellent insulating properties and is extremely lightweight. Its high fatigue strength makes it ideal under cyclic loading conditions.

ULTEM (Polyetherimide) keeps hardness, and mechanical properties from -40°F to 356°F. It is radiation-resistant, microwave transparent and is naturally flame retardant. Reinforced grades have even higher mechanical strength.

Because of its unequalled properties, ULTEM is the ideal replacement for steel and other metals. It also has a wide range of electronic and medical applications.

ABS has excellent impact strength and impact resistance. Used extensively in appliances, automotive and computer components. May be painted or plated.

Polyethylene is unique because of its flexibility at low temperatures, excellent electrical resistance, and low dielectric constant. PE's self-lubricating properties also make it ideal for applications such as rollers, skids and other end uses which call for a non-stick, low-friction material. PE is available in a wide range of densities, including Ultra High Modular Weight for gears, drives, impellers, cams, etc.

Teflon® (Polytetrafluoroethylene), with an extremely low coefficient of friction, makes the ideal choice where surface wear might otherwise be a problem. Teflon® also exhibits a useful service life from below -100°F to 500°F. Its resistance to solvents is also excellent throughout a wide range of temperature. Its low dielectric constant and electrical resistance also remain constant throughout this range of temperature. *Teflon® is a registered trademark of DuPont.

PVC properties include chemical inertness, water corrosion and weather resistance, high strength-to-weight ratio, tough dent resisting, electrical and thermal insulation. It has continuous resistance to heat from 120°-160°F.

Isoplast (Glass-filled Polyurethane) has excellent chemical, solvent and abrasion resistance. Isoplast has a high notched impact strength, low moisture sensitivity and a working temperature of 197°F. Excellent for strength.

MATERIAL DATA SHEETS

PROPERTIES	UNITS	ASTM TEST METHOD	NYLON 6/6 (MOLDED)	NYLON 6/6 30% GLASS-FILLED	POLYETHYLENE	POLYPROPYLENE
Tensile strength at yield	psi Mpa	D-638	9000 62	25,000 172	5800 40	4000 28
Elongation at yield at fail	% %	D-638	20 200	5-10 40	NR 600	18 150
Flexural Modulus at yield	10 ³ psi Mpa	D-790	190 1310	800-900 5516-6206	NR	150 1030
Isod impact strength notched	ft-lb/in joules/M	D-256	3.0 160	2 107	NR	2.0 107
Deflection temp. at 66 psi at 264 psi	°F (°C) °F (°C)	D-648	430 160 (71)	500 (260) 485-490 (251-255)	NR	194 (90) 150 (65)
Melting point	°F °C	D-789	482 250	500-509- 260-265 T _m	NR	340 171
Dielectric strength	V/mil	D-149	550	500	500-900	650
Volume resistivity	ohm-cm	D-257	2 x 10E+13	1 x 10E+15	1 x 10E+16	1 x 10E+17
Water absorption	%/24hr.	D-570	1.1	0.9	NR	0.01
UL flammability	---	UL 94	94 V-2	94 HB	NR	94 HB
Rockwell Hardness	---	R, M scales	R105	M96	NR	R85
Flexural strength	10 ³ psi Mpa	D-638	17.9 123	36-38 255	NR	7000 48
Thermal conductivity	Btu-in/hr-ft ² -°F W/m-°C	---	1.7 .25	1.4-1.5 .20-.22	2.9-3.5 .42-50	.81 .12
Specific Gravity	---	D-792	1.16	1.37-1.39	1.09	.09
Max. service temperature	°F °C	---	221 105	230-240 110-116	212 100	212 100

NR: Not Reported

PLEASE NOTE: To the best of our knowledge, the information contained in this guide is accurate, is based upon accepted technical practices and is believed to be reliable. Final determination of suitability of any process or material is the sole responsibility of the user. Product Components Corp. does not assume any liability for the accuracy or completeness of this information.

MATERIAL DATA SHEETS

PROPERTIES	UNITS	ASTM TEST METHOD	PVC	ISOPLAST POLYURETHANE 40% LONG GLASS FILLED	ULTEM 1000	ULTEM 2300 30% GLASS FILLED
Tensile strength at yield	psi Mpa	D-638	7450 51	27,000 190	15,200 105	24,500* 160*
Elongation at yield	%	D-638	NR	2	7-8	N.A.
Elongation at fail	%		40-80	2	60	3
Flexural Modulus at yield	10 ³ psi Mpa	D-790	400 2760	1500 10,000	480 3300	1300 9000
Isod impact strength notched	ft-lb/in joules/M	D-256	>5. >270	8 430	1 50	2.0 110
Deflection temp. at 66 psi	°F (°C)	D-648	NR	NR	410 (210)	412 (212)
at 264 psi	°F (°C)		170 (77)	210 (99)	392 (200)	410 (210)
Melting point	°F °C	D-789	193-246 75-105 T _g	366 (Vicat) 186	338 (Vicat) 170	356 (Vicat) 180
Dielectric strength	V/mil	D-149	1413	500	830	770
Volume resistivity	ohm-cm	D-257	1.2 x 10E+12	NR	6.7 x 10E+17	3.0 x 10E+16
Water absorption	%/24hr.	D-570	0.05	0.14	0.25	0.16
UL flammability	---	UL 94	94 V-0	94 HB	94 V-0	94 V-0
Rockwell Hardness	---	R, M scales	R115	R119	M109	M114
Flexural strength	10 ³ psi Mpa	D-638	14.45 99.63	40 275	22 150	33 230
Thermal conductivity	Btu-in/hr-ft ² -°F W/m-°C	---	.96 .14	NR NR	1.5 .22	1.6 2.3
Specific Gravity	---	D-792	1.37	1.5	1.27	1.51
Max. service temperature	°F °C	---	140 60	197 92	338 170	342 172

NR: Not Reported

PLEASE NOTE: To the best of our knowledge, the information contained in this guide is accurate, is based upon accepted technical practices and is believed to be reliable. Final determination of suitability of any process or material is the sole responsibility of the user. Product Components Corp. does not assume any liability for the accuracy or completeness of this information.

MATERIAL DATA SHEETS

PROPERTIES	UNITS	ASTM TEST METHOD	ACETAL	POLYCARBONATE	PVDF (KYNAR®)	PTFE (TEFLON®)
Tensile strength at yield	psi Mpa	D-638	9700-10,000 68	9000 62	5000-7000 34-48	3000 21
Elongation at yield	%	D-638	NR	100-130	NR	NR
Elongation at fail	%		4	135	50-250	300
Flexural Modulus at yield	10 ³ psi Mpa	D-790	380-430 2620-2965	340-350 2344-2413	170-325 1172-2240	500 3447
Isod impact strength notched	ft-lb/in joules/M	D-256	1.2-2.3 64-123	17 908	20-80 1068-4270	3.0 160
Deflection temp. at 66 psi	°F (°C)	D-648	330-342 (165-172)	300-305 (149-152)	234-284 (112-140)	260 (127)
Deflection temp. at 264 psi	°F (°C)		270-277 (132-136)	290-295 (143-146)	176-194 (80-90)	132 (55)
Melting point	°F °C	D-789	347-358 175-181 T _m	284-302 140-150 T _G	330 165	612 322
Dielectric strength	V/mil	D-149	500	380-399	260	600
Volume resistivity	ohm-cm	D-257	>1 x 10E+15	>1 x 10E+16	1 x 10E+12- 1 x 10E+14	>1 x 10E+18
Water absorption	%/24hr.	D-570	.21-.25	0.15	<0.05	<.01
UL flammability	---	UL 94	94 HB	94 V-2	94 V-0	94 V-0
Rockwell Hardness	---	R, M scales	M90-M94	R118	R79-83	R58
Flexural strength	10 ³ psi Mpa	D-638	13.6-14.1 95	14-14.2 97	6.5-9.0 45-62	No Break
Thermal conductivity	Btu-in/hr-ft ² -°F W/m-°C	---	1.6 .23	1.3 .19	.87 .13	1.7 .25
Specific Gravity	---	D-792	1.42	1.2	1.75	2.2
Max. service temperature	°F °C	---	195 91	212 100	300 150	500 260

NR: Not Reported

PLEASE NOTE: To the best of our knowledge, the information contained in this guide is accurate, is based upon accepted technical practices and is believed to be reliable. Final determination of suitability of any process or material is the sole responsibility of the user. Product Components Corp. does not assume any liability for the accuracy or completeness of this information.

PRODUCT COMPONENTS CORPORATION

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Martinez, California 94553

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925-228-8930

FAX 925-228-8933

email: Sales@product-components.com

TERMS & CONDITIONS OF SALE

BILLING: MINIMUM BILLING \$30.00 F.O.B. Martinez, CA

Reasonable small lot orders will be increased in quantity to cover this amount whenever possible.

CREDIT: We reserve the right to ship C.O.D. until credit is established through furnishing of references or other evidence of financial responsibility. When, in our judgement, an account becomes inactive through non-use or slow payments, we reserve the right to revert to C.O.D. status.

DELIVERY: Stock items are shipped the same day your order is received.

SHIPMENT: If no specific instructions are furnished by you, we shall ship according to our best judgement. UNITED PARCEL SERVICE (UPS) is capable of handling most small orders. If shipping weight exceeds 100 lbs. then trucking may be more economical, depending on your requirements. Federal Express and other means of shipping are available.

PRODUCT AVAILABILITY: Occasionally, an item may be discontinued due to insufficient demand, in which case PRODUCT COMPONENTS CORP. cannot be held responsible. Prices are subject to change without notice.

RETURNS: No returns will be accepted without prior written authorization. Claims for shortage, breakage for any reason must be made within 10 days from date of shipment. All returns are subject to a restocking charge plus reconditioning and repacking costs if necessary. No specially made, outdated, non-catalogued or fabricated items may be returned.