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NYLON MACHINE SCREWS PREFIX/SUFFIX KEY

NYLON MACHINE SCREWS PREFIX KEY

DESCRIPTION	PREFIX CODE
NYLON MACHINE SCREWS	NMS
NYLON MACHINE SCREWS - FLAT & OVAL	NMS
METRIC NYLON MACHINE SCREWS	NMSM
METAL CORE NYLON MACHINE SCREWS	NSMC
NYLON HEX BOLTS (CAP SCREWS)	NHB
NYLON THUMB SCREWS - KNURLED	NKTS
NYLON THUMB SCREWS	NTS
THREADED ROD	NTR
UNSLOTTED NYLON THUMB SCREW	NUTS

NYLON MACHINE SCREWS SUFFIX KEY

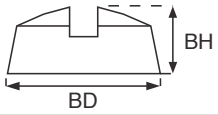
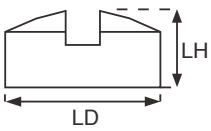
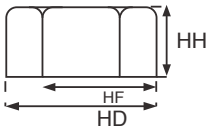
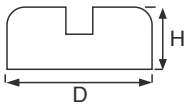
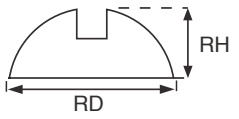
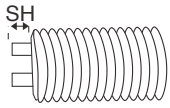
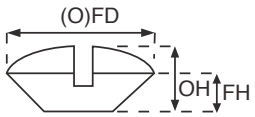
HEAD STYLE	SIZE & LENGTH RANGE	SUFFIX CODE
BINDING SLOTTED	2/56 - 3/32 TO 1/4-28 - 1	BS
FILLISTER SLOTTED	2/56 - 3/32 TO 1/4-28 - 1	FS
HEX SLOTTED	2/56 - 3/32 TO 1/4-28 - 1	HS
HEX UNSLOTTED	2/56 - 3/32 TO 1/4-28 - 1	HU
PAN SLOTTED	1/64 - 1/4 TO 5/16-18 - 7/8	PS
ROUND SLOTTED	1/64 - 1/4 TO 1/4-28 - 1	RS
SET SLOTTED	2/56 - 3/32 TO 1/4-28 - 1	SS
SOCKET SET	4/36 - 1/2 TO 3/4-10 - 1/4	SO
PHILLIPS PAN	2/56 - 3/32 TO 19/32 - 2	PP
PHILLIPS BINDER	4/36 - 1/2 TO 1/4-28 - 1	PB

METRIC NYLON MACHINE SCREWS SUFFIX KEY

HEAD STYLE	SIZE & LENGTH RANGE	SUFFIX CODE
CHEESE SLOTTED	M2X.4 X 4MM TO M10X1.50 X 60 MM	CS
HEX SLOTTED	M2X.4 X 4MM TO M10X1.50 X 60 MM	HS
HEX UNSLOTTED	M2X.4 X 4MM TO M10X1.50 X 60 MM	HU
FILLISTER PHILLIPS	M2X.4 X 4MM TO M10X1.50 X 60 MM	FP
FILLISTER SLOTTED	M2X.4 X 4MM TO M10X1.50 X 60 MM	FS
FLAT PHILLIPS	M2X.4 X 4MM TO M10X1.50 X 60 MM	LP
FLAT SLOTTED	M2X.4 X 4MM TO M10X1.50 X 60 MM	LS
OVAL SLOTTED	M2X.4 X 4MM TO M10X1.50 X 60 MM	OS
PHILLIPS PAN	M2X.4 X 4MM TO M10X1.50 X 60 MM	PP
PAN SLOTTED	M2X.4 X 4MM TO M10X1.50 X 60 MM	PS
OVAL PHILLIPS	M2.5X.45 X 4MM TO M10X1.50 X 35 MM	OP
THUMB SCREW	M3X.5 X 4 MM TO M6X1.00 X 75 MM	TS

TECHNICAL DATA FOR NYLON MACHINE SCREWS

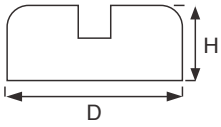
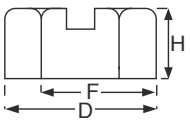
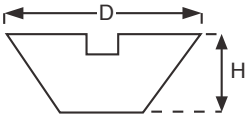
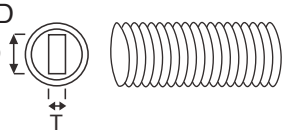
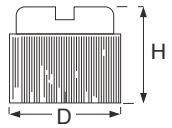
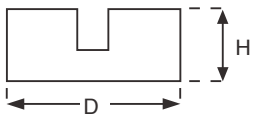
NOMINAL DIMENSIONS (INCHES). DATA LISTED IS FOR REFERENCE PURPOSES ONLY.

HEAD TYPE		THREAD SIZE										
		#0	#2	#3	#4	#5	#6	#8	#10	1/4	5/16	3/8
BINDING 	BH	.028	.050	.056	.065	.073	.080	.110	.120	.155	--	--
	BD	.123	.175	.203	.235	.256	.290	.350	.380	.500	--	--
FILLISTER 	LH	.051	.075	.087	.100	.100	.125	.150	.175	.230	--	.335
	LD	.090	.140	.153	.180	.196	.215	.255	.300	.400	--	.606
HEX & SLOTTED HEX 	HH	--	.040	.050	.055	.064	.085	.110	.110	.175	.219	--
	HF	--	.125	.180	.180	.180	.250	.250	.310	.370	.495	--
	HD	--	.140	.205	.205	.283	.270	.340	.425	.545	.545	--
PAN 	PH	.035	.050	.056	.065	.070	.075	.080	.110	.160	.170	--
	PD	.110	.160	.186	.210	.238	.265	.320	.365	.475	.604	--
ROUND 	RH	.050	.070	.075	.090	--	.100	.110	.130	.160	--	--
	RD	.106	.150	.175	.210	--	.260	.290	.325	.475	--	--
SET 	SH	--	.035	--	.045	--	.055	.055	.060	.080	--	--
FLAT (OVAL) 	OH	--	.070	--	.090	--	.110	.140	.160	.220	.270	.325
	FH	--	.055	--	.070	--	.085	.100	.120	.115	.191	.230
	(O)FD	--	.170	--	.225	--	.280	.332	.385	.507	.602	.723

STEEL CORE ROUND, FILLISTER AND FLAT HEADS, SAME AS ABOVE

TECHNICAL DATA FOR NYLON MACHINE SCREWS

NOMINAL DIMENSIONS (MM). DATA LISTED IS FOR REFERENCE PURPOSES ONLY.

HEAD TYPE APPROXIMATE AMERICAN STANDARD EQUIVALENT		SCREW SIZE								
		M2	2.5	3	3.5	4	5	6	8	10
		#2	#3	#4	#6	#8	#10	1/4	5/16	3/8
PAN DIN 85 	D	4.0	5.0	6.0	7.0	8.0	10.0	12.0	16.0	20.0
	H	1.2	1.5	1.8	2.1	2.4	3.0	3.6	4.8	6.0
SLOTTED HEX 	F	3.2	4.0	5.5	6.0	7.0	8.0	10.0	13.0	17.0
	D	3.38	4.28	5.4	6.93	7.59	8.71	10.95	14.26	17.62
	H	1.15	1.3	2.0	2.15	2.8	3.5	4.0	5.0	7.0
FLAT DIN 963 	D	4.0	5.0	6.0	7.0	8.0	10.0	12.0	16.0	20.0
	H	1.2	1.25	1.5	1.75	2.0	2.5	3.0	4.0	5.0
SLOTTED GRUB 	SD	--	--	--	--	2.0	3.3	4.1	5.2	6.6
	T	--	--	--	--	0.76	1.3	1.5	2.4	2.8
SLOTTED THUMB 	D	--	--	5.5	6.4	7.1	8.1	8.3	--	--
	H	--	--	8.1	8.8	9.7	10.5	12.5	--	--
CHEESE 	D	3.8	4.5	5.5	6.0	7.0	8.5	10.0	13.0	16.0
	H	1.3	1.6	2.0	2.4	2.6	3.3	3.9	5.0	6.0

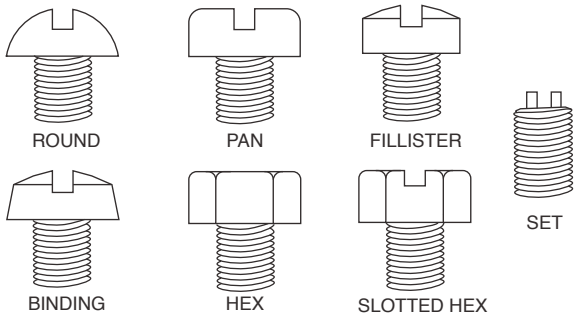
NYLON MACHINE SCREWS

STANDARD NYLON MACHINE SCREWS

PART NUMBER	SIZE (in / mm)	LENGTH (in / mm)
NMS164X.250	1/64 (.397)	1/4 (6.35)
NMS172X.250	1/72 (.353)	1/4 (6.35)
NMS172X.500	1/72 (.353)	1/2 (12.7)
NMS256X.094	2/56 (.907)	3/32 (2.38)
NMS256X.125	2/56 (.907)	1/8 (3.18)
NMS256X.187	2/56 (.907)	3/16 (4.76)
NMS256X.250	2/56 (.907)	1/4 (6.35)
NMS256X.312	2/56 (.907)	5/16 (7.94)
NMS256X.375	2/56 (.907)	3/8 (9.53)
NMS256X.437	2/56 (.907)	7/16 (11.11)
NMS256X.500	2/56 (.907)	1/2 (12.7)
NMS256X.625	2/56 (.907)	5/8 (15.88)
NMS256X.750	2/56 (.907)	3/4 (19.05)
NMS436X.500	4/36 (2.82)	1/2 (12.7)
NMS440X.125	4/40 (2.54)	1/8 (3.18)
NMS440X.187	4/40 (2.54)	3/16 (4.76)
NMS440X.250	4/40 (2.54)	1/4 (6.35)
NMS440X.312	4/40 (2.54)	5/16 (7.94)
NMS440X.375	4/40 (2.54)	3/8 (9.53)
NMS440X.437	4/40 (2.54)	7/16 (11.11)
NMS440X.500	4/40 (2.54)	1/2 (12.7)
NMS440X.625	4/40 (2.54)	5/8 (15.88)
NMS440X.750	4/40 (2.54)	3/4 (19.05)
NMS440X.875	4/40 (2.54)	7/8 (22.23)
NMS440X1.000	4/40 (2.54)	1 (25.4)
NMS440X1.250	4/40 (2.54)	1-1/4 (31.75)
NMS632X.125	6/32 (4.76)	1/8 (3.18)
NMS632X.187	6/32 (4.76)	3/16 (4.76)
NMS632X.250	6/32 (4.76)	1/4 (6.35)
NMS632X.312	6/32 (4.76)	5/16 (7.94)
NMS632X.375	6/32 (4.76)	3/8 (9.53)
NMS632X.437	6/32 (4.76)	7/16 (11.11)
NMS632X.500	6/32 (4.76)	1/2 (12.7)
NMS632X.625	6/32 (4.76)	5/8 (15.88)
NMS632X.750	6/32 (4.76)	3/4 (19.05)

PART NUMBER	SIZE (in / mm)	LENGTH (in / mm)
NMS632X1.000	6/32 (4.76)	1 (25.4)
NMS632X1.250	6/32 (4.76)	1-1/4 (31.75)
NMS632X1.500	6/32 (4.76)	1-1/2 (38.1)
NMS832X.187	8/32 (6.35)	3/16 (4.76)
NMS832X.250	8/32 (6.35)	1/4 (6.35)
NMS832X.312	8/32 (6.35)	5/16 (7.94)
NMS832X.375	8/32 (6.35)	3/8 (9.53)
NMS832X.437	8/32 (6.35)	7/16 (11.11)
NMS832X.500	8/32 (6.35)	1/2 (12.7)
NMS832X.625	8/32 (6.35)	5/8 (15.88)
NMS832X.750	8/32 (6.35)	3/4 (19.05)
NMS832X.875	8/32 (6.35)	7/8 (22.23)
NMS832X1.000	8/32 (6.35)	1 (25.4)
NMS832X1.250	8/32 (6.35)	1-1/4 (31.75)
NMS832X1.500	8/32 (6.35)	1-1/2 (38.1)
NMS1024X.250	10/24 (10.58)	1/4 (6.35)
NMS1024X.312	10/24 (10.58)	5/16 (7.94)
NMS1024X.375	10/24 (10.58)	3/8 (9.53)
NMS1024X.500	10/24 (10.58)	1/2 (12.7)
NMS1024X.750	10/24 (10.58)	3/4 (19.05)
NMS1024X1.000	10/24 (10.58)	1 (25.4)
NMS1024X1.500	10/24 (10.58)	1-1/2 (38.1)
NMS1032X.125	10/32 (7.94)	1/8 (3.18)
NMS1032X.187	10/32 (7.94)	3/16 (4.76)
NMS1032X.250	10/32 (7.94)	1/4 (6.35)
NMS1032X.312	10/32 (7.94)	5/16 (7.94)
NMS1032X.375	10/32 (7.94)	3/8 (9.53)
NMS1032X.500	10/32 (7.94)	1/2 (12.7)
NMS1032X.625	10/32 (7.94)	5/8 (15.88)
NMS1032X.750	10/32 (7.94)	3/4 (19.05)
NMS1032X.875	10/32 (7.94)	7/8 (22.23)
NMS1032X1.000	10/32 (7.94)	1 (25.4)
NMS1032X1.250	10/32 (7.94)	1-1/4 (31.75)
NMS1032X1.500	10/32 (7.94)	1-1/2 (38.1)
NMS1032X2.000	10/32 (7.94)	2 (50.8)

PART NUMBER	SIZE (in)	LENGTH (in / mm)
NMS1420X.250	1/4-20	1/4 (6.35)
NMS1420X.312	1/4-20	5/16 (7.94)
NMS1420X.375	1/4-20	3/8 (9.53)
NMS1420X.500	1/4-20	1/2 (12.7)
NMS1420X.625	1/4-20	5/8 (15.88)
NMS1420X.750	1/4-20	3/4 (19.05)
NMS1420X.875	1/4-20	7/8 (22.23)
NMS1420X1.000	1/4-20	1 (25.4)
NMS1420X1.250	1/4-20	1-1/4 (31.75)
NMS1420X1.500	1/4-20	1-1/2 (38.1)
NMS1420X2.000	1/4-20	2 (50.8)
NMS1428X.500	1/4-28	1/2 (12.7)
NMS1428X.625	1/4-28	5/8 (15.88)
NMS1428X.750	1/4-28	3/4 (19.05)
NMS1428X1.000	1/4-28	1 (25.4)
NMS1428X1.250	1/4-28	1-1/4 (31.75)
NMS1428X1.500	1/4-28	1-1/2 (38.1)
NMS51618X.500	5/16-18	1/2 (12.7)
NMS51618X.750	5/16-18	3/4 (19.05)
NMS51618X.875	5/16-18	7/8 (22.23)
NMS51618X1.000	5/16-18	1 (25.4)
NMS51618X1.250	5/16-18	1-1/4 (31.75)
NMS51618X1.500	5/16-18	1-1/2 (38.1)
NMS51618X2.000	5/16-18	2 (50.8)
NMS51618X2.500	5/16-18	2-1/2 (63.5)
NMS51618X3.000	5/16-18	3 (76.2)
NMS3410X.250	3/4-10	1/4 (6.35)
NMS3816X.500	3/8-16	1/2 (12.7)
NMS3816X.750	3/8-16	3/4 (19.05)
NMS3816X1.000	3/8-16	1 (25.4)
NMS3816X1.250	3/8-16	1-1/4 (31.75)
NMS3816X1.500	3/8-16	1-1/2 (38.1)
NMS3816X2.000	3/8-16	2 (50.8)
NMS3816X2.500	3/8-16	2-1/2 (63.5)
NMS3816X3.000	3/8-16	3 (76.2)



Nylon Machine Screws

Nylon screws are anti-corrosive, non-marring, tough and lightweight. They conform to irregular surfaces and are friction, abrasion and vibration resistant, and are good electrical and thermal insulators.

Specify head style by adding the following suffixes when ordering:

BS = Binding
FS = Fillister
HS = Hex Slotted
HU = Hex Unslotted
PB = Phillips Binder
PP = Phillips Pan
PS = Pan Slotted
RS = Round Slotted
SS = Set Slotted
SO = Socket Set

Minimum Order: 100 (Slotted Hex Minimum1,000)

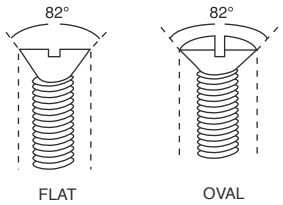
Other sizes and lengths available.

FLAT AND OVAL NYLON MACHINE SCREWS

NYLON MACHINE SCREWS - FLAT AND OVAL HEAD (82°)

PART NUMBER	SIZE (in)	LENGTH (in / mm)
NMS256X.187	2/56 (.907)	3/16 (4.76)
NMS256X.250	2/56 (.907)	1/4 (6.35)
NMS256X.312	2/56 (.907)	5/16 (7.94)
NMS256X.375	2/56 (.907)	3/8 (9.53)
NMS256X.500	2/56 (.907)	1/2 (12.7)
NMS256X.625	2/56 (.907)	5/8 (15.88)
NMS256X.750	2/56 (.907)	3/4 (19.05)
NMS440X.187	4/40 (2.54)	3/16 (4.76)
NMS440X.250	4/40 (2.54)	1/4 (6.35)
NMS440X.312	4/40 (2.54)	5/16 (7.94)
NMS440X.375	4/40 (2.54)	3/8 (9.53)
NMS440X.500	4/40 (2.54)	1/2 (12.7)
NMS440X.625	4/40 (2.54)	5/8 (15.88)
NMS440X.750	4/40 (2.54)	3/4 (19.05)
NMS440X1.000	4/40 (2.54)	1 (25.4)
NMS440X1.250	4/40 (2.54)	1-1/4 (31.75)
NMS632X.187	6/32 (4.76)	3/16 (4.76)
NMS632X.250	6/32 (4.76)	1/4 (6.35)
NMS632X.312	6/32 (4.76)	5/16 (7.94)
NMS632X.375	6/32 (4.76)	3/8 (9.53)
NMS632X.500	6/32 (4.76)	1/2 (12.7)
NMS632X.625	6/32 (4.76)	5/8 (15.88)
NMS632X.750	6/32 (4.76)	3/4 (19.05)
NMS632X1.000	6/32 (4.76)	1 (25.4)
NMS632X1.250	6/32 (4.76)	1-1/4 (31.75)
NMS832X.250	8/32 (6.35)	1/4 (6.35)

PART NUMBER	SIZE (in)	LENGTH (in / mm)
NMS832X.312	8/32 (6.35)	5/16 (7.94)
NMS832X.375	8/32 (6.35)	3/8 (9.53)
NMS832X.500	8/32 (6.35)	1/2 (12.7)
NMS832X.625	8/32 (6.35)	5/8 (15.88)
NMS832X.750	8/32 (6.35)	3/4 (19.05)
NMS832X1.000	8/32 (6.35)	1 (25.4)
NMS1024X.500	10/24 (10.58)	1/2 (12.7)
NMS1032X.250	10/32 (7.94)	1/4 (6.35)
NMS1032X.312	10/32 (7.94)	5/16 (7.94)
NMS1032X.375	10/32 (7.94)	3/8 (9.53)
NMS1032X.500	10/32 (7.94)	1/2 (12.7)
NMS1032X.750	10/32 (7.94)	3/4 (19.05)
NMS1032X1.000	10/32 (7.94)	1 (25.4)
NMS1032X1.250	10/32 (7.94)	1-1/4 (31.75)
NMS1032X1.500	10/32 (7.94)	1-1/2 (38.1)
NMS1420X.250	1/4-20	1/4 (6.35)
NMS1420X.500	1/4-20	1/2 (12.7)
NMS1420X.625	1/4-20	5/8 (15.88)
NMS1420X.750	1/4-20	3/4 (19.05)
NMS1420X.875	1/4-20	7/8 (22.23)
NMS1420X1.000	1/4-20	1 (25.4)
NMS1420X1.250	1/4-20	1-1/4 (31.75)
NMS1420X1.500	1/4-20	1-1/2 (38.1)
NMS1420X2.000	1/4-20	2 (50.8)
NMS51618X1.000	5/16-18	1 (25.4)
NMS3816X1.750	3/8-16	1-3/4 (44.45)



Nylon Machine Screws – Flat and Oval Head

Specify head style by adding the following suffixes when ordering:

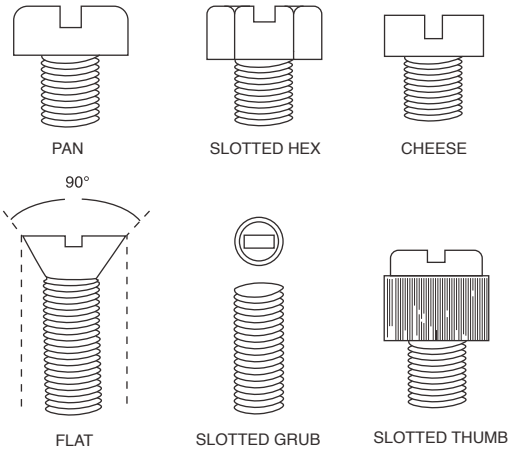
FH = Flat
OH = Oval

Minimum Order: 100 Flat Head; 1,000 Oval Head

Other sizes and lengths available.

METRIC NYLON MACHINE SCREWS

METRIC NYLON MACHINE SCREWS



Metric Nylon Machine Screws

Serving the same purpose as standard nylon machine screws but with metric threads, diameters and lengths. They are anti-corrosive, non-marring, tough and lightweight.

Add the following suffixes to specify head styles when ordering:

CS = Cheese Slotted
HS = Hex Slotted
HU = Hex Unslotted
FP = Fillister Phillips
FS = Fillister Slotted
LP = Flat Phillips
LS = Flat Slotted
OS = Oval Slotted
OP = Oval Phillips
PP = Phillips Pan
PS = Pan Slotted
SG = Slotted Grub
TS = Slotted Thumb Screw

Minimum order: 1,000

METRIC NYLON MACHINE SCREWS

METRIC NYLON MACHINE SCREWS

PART NUMBER	SIZE	LENGTH (mm)
NMSM2X5	M2 PITCH .40	5
NMSM2X6	M2 PITCH .40	6
NMSM2X8	M2 PITCH .40	8
NMSM2X10	M2 PITCH .40	10
NMSM2X12	M2 PITCH .40	12
NMSM2X16	M2 PITCH .40	16
NMSM2X20	M2 PITCH .40	20
NMSM2.5X5	M2.5 PITCH .45	5
NMSM2.5X6	M2.5 PITCH .45	6
NMSM2.5X10	M2.5 PITCH .45	10
NMSM2.5X12	M2.5 PITCH .45	12
NMSM2.5X16	M2.5 PITCH .45	16
NMSM2.5X20	M2.5 PITCH .45	20
NMSM2.5X25	M2.5 PITCH .45	25
NMSM3X5	M3 PITCH .50	5
NMSM3X6	M3 PITCH .50	6
NMSM3X8	M3 PITCH .50	8
NMSM3X10	M3 PITCH .50	10
NMSM3X12	M3 PITCH .50	12
NMSM3X16	M3 PITCH .50	16
NMSM3X20	M3 PITCH .50	20
NMSM3X25	M3 PITCH .50	25
NMSM3X30	M3 PITCH .50	30
NMSM3.5X5	M3.5 PITCH .60	5
NMSM3.5X6	M3.5 PITCH .60	6
NMSM3.5X8	M3.5 PITCH .60	8
NMSM3.5X10	M3.5 PITCH .60	10
NMSM3.5X12	M3.5 PITCH .60	12
NMSM3.5X16	M3.5 PITCH .60	16
NMSM3.5X20	M3.5 PITCH .60	20
NMSM3.5X25	M3.5 PITCH .60	25
NMSM3.5X35	M3.5 PITCH .60	35
NMSM4X6	M4 PITCH .70	6
NMSM4X8	M4 PITCH .70	8
NMSM4X10	M4 PITCH .70	10
NMSM4X12	M4 PITCH .70	12
NMSM4X16	M4 PITCH .70	16
NMSM4X20	M4 PITCH .70	20
NMSM4X25	M4 PITCH .70	25
NMSM4X30	M4 PITCH .70	30
NMSM4X35	M4 PITCH .70	35
NMSM4X40	M4 PITCH .70	40
NMSM5X6	M5 PITCH .80	6
NMSM5X8	M5 PITCH .80	8
NMSM5X10	M5 PITCH .80	10
NMSM5X12	M5 PITCH .80	12
NMSM5X16	M5 PITCH .80	16
NMSM5X20	M5 PITCH .80	20
NMSM5X25	M5 PITCH .80	25
NMSM5X30	M5 PITCH .80	30
NMSM5X35	M5 PITCH .80	35
NMSM5X40	M5 PITCH .80	40
NMSM6X8	M6 PITCH 1.00	8
NMSM6X10	M6 PITCH 1.00	10
NMSM6X12	M6 PITCH 1.00	12
NMSM6X16	M6 PITCH 1.00	16
NMSM6X20	M6 PITCH 1.00	20
NMSM6X25	M6 PITCH 1.00	25
NMSM6X30	M6 PITCH 1.00	30
NMSM6X35	M6 PITCH 1.00	35
NMSM6X40	M6 PITCH 1.00	40
NMSM8X10	M8 PITCH 1.25	10
NMSM8X16	M8 PITCH 1.25	16
NMSM8X20	M8 PITCH 1.25	20
NMSM8X25	M8 PITCH 1.25	25
NMSM8X30	M8 PITCH 1.25	30
NMSM8X35	M8 PITCH 1.25	35
NMSM10X10	M10 PITCH 1.50	10
NMSM10X12	M10 PITCH 1.50	12
NMSM10X16	M10 PITCH 1.50	16
NMSM10X20	M10 PITCH 1.50	20
NMSM10X25	M10 PITCH 1.50	25
NMSM10X30	M10 PITCH 1.50	30
NMSM10X35	M10 PITCH 1.50	35
NMSM10X40	M10 PITCH 1.50	40
NMSM10X50	M10 PITCH 1.50	50
NMSM10X60	M10 PITCH 1.50	60

SLOTTED GRUB SCREWS IN SIZES M4 TO M10 ONLY
SLOTTED THUMB SCREWS IN SIZES M3 TO M6 ONLY
OTHER LENGTHS AVAILABLE

NYLON MACHINE SCREWS

TECHNICAL DATA FOR NYLON MACHINE SCREWS

DATA LISTED IS FOR REFERENCE PURPOSES ONLY.

SIZE	ULTIMATE TORQUE	MAXIMUM TORQUE BEFORE DEFORMATION	TENSILE TEST		DOUBLE SHEAR	
			YIELD LBS	BREAK LBS	YIELD LBS	BREAK LBS
2/56	NO TEST	NO TEST	16	19	NO TEST	NO TEST
4/40	24” OZ	12” - 16” OZ	38	41	45	50
6/32	30” OZ	18” - 20” OZ	65	69	91	97
8/32	5” LBS	2” - 3” LBS	99	108	158	164
10/24	6” LBS	2” - 4” LBS	139	149	187	257
10/32	7” LBS	3” - 4” LBS	155	165	234	241
1/4-20	13” LBS	9” - 10” LBS	296	312	413	432

Moulded Nylon Screws – Technical Data

Moulded nylon parts are subject to moisture loss and gain. In moulded nylon screws, moistness or dryness can cause subtle size changes. The same is true for temperature change.

Additionally, there are tooling problems because all screws come from cavities parted along the screw length. Although the moulds are doweled and pinned to provide mould match, in the course of moulding, wear takes place on the pins, on the mould face and base and even on the moulding machine itself, thus working against ideal alignment. Moulded nylon screws are not held to tolerances as close as those for metal screws. However, the slight mismatch and the natural fractional flash are not as serious as they would be in metal. Nylon, being flexible, is also forgiving of tolerance lapses.

Nylon cannot be held to tolerances that apply to metal and the use of gauges to measure screws just doesn’t work. They are tested by trying them in their actual applications. Otherwise, it is impractical for the customer to use them or the supplier to make them.

Amazingly enough, they work.

All tests performed per ASTM specifications. Parts moulded in Nylon 6/6 Dupont Zytel 101, dry as moulded, unmoisturized, at 73°F. Results are average of random parts tested.

METAL CORE MACHINE SCREWS

TECHNICAL DATA FOR METAL CORE NYLON SCREWS

DATA LISTED IS FOR REFERENCE PURPOSES ONLY.

SIZE	ULTIMATE TORQUE	MAXIMUM TORQUE BEFORE DEFORMATION	TENSILE TEST		DOUBLE SHEAR	
			YIELD LBS	BREAK LBS	YIELD LBS	BREAK LBS
6/32	1” LBS	1.5” LBS	24	32	200	240
8/32	3” LBS	4” LBS	66	72	300	360
10/32	5” LBS	6” LBS	96	104	600	640
1/4-20	12” LBS	13” LBS	120	174	1,400	1,600

METAL CORE NYLON SCREWS

PART NUMBER	SIZE (in/mm)	LENGTH (in/mm)
NSMC632X.250	6/32 (4.76)	1/4 (6.35)
NSMC632X.375	6/32 (4.76)	3/8 (9.53)
NSMC632X.500	6/32 (4.76)	1/2 (12.7)
NSMC632X.625	6/32 (4.76)	5/8 (15.88)
NSMC632X.750	6/32 (4.76)	3/4 (19.05)
NSMC832X.375	8/32 (6.35)	3/8 (9.53)
NSMC832X.500	8/32 (6.35)	1/2 (12.7)
NSMC832X.750	8/32 (6.35)	3/4 (19.05)
NSMC832X1.000	8/32 (6.35)	1 (25.4)
NSMC1032X.375	10/32 (7.94)	3/8 (9.53)
NSMC1032X.500	10/32 (7.94)	1/2 (12.7)
NSMC1032X.750	10/32 (7.94)	3/4 (19.05)
NSMC1032X1.000	10/32 (7.94)	1 (25.4)
NSMC1420X.375	1/4-20	3/8 (9.53)
NSMC1420X.500	1/4-20	1/2 (12.7)
NSMC1420X.625	1/4-20	5/8 (15.88)
NSMC1420X.750	1/4-20	3/4 (19.05)
NSMC1420X1.000	1/4-20	1 (25.4)
NSMC1420X1.250	1/4-20	1-1/4 (31.75)
NSMC1420X1.500	1/4-20	1-1/2 (38.1)

Metal Core Nylon Screws

Stocked in round and fillister heads. Also available in round washer head and flat head.

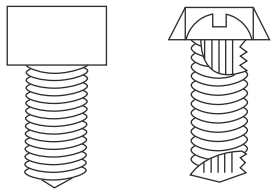
A hardened, cadmium plated, corrugated steel core inside a nylon screw. Provides up to four times the strength of standard nylon fasteners.

Recommended in applications requiring electrical, thermal and vibration insulation in shear or double shear connections. The recessed metal heads allow adequate torque and may be driven with power drivers.

Add the following suffixes to specify head styles when ordering:
RO = Round
FI = Fillister
RW = Round Washer
LS = Flat Slotted

Minimum order: 1,000

All tests performed per ASTM specifications. Parts moulded in Nylon 6/6 Dupont Zytel 101, dry as moulded, unmoisturized, at 73°F. Results are average of random parts tested.



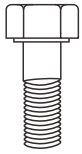
FILLISTER ROUND

NYLON HEX BOLTS

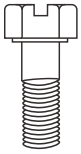
TECHNICAL DATA FOR NYLON HEX BOLTS (CAP SCREWS)

DATA LISTED IS FOR REFERENCE PURPOSES ONLY.

SIZE	ULTIMATE TORQUE	MAXIMUM TORQUE BEFORE DEFORMATION	TENSILE TEST		DOUBLE SHEAR	
			YIELD LBS	BREAK LBS	YIELD LBS	BREAK LBS
1/4-20	19” LBS	15-16 “ LBS	200	228	413	432
5/16-18	37” LBS	32-34” LBS	403	424	866	880
3/8-16	49” LBS	45-46” LBS	480	513	1,108	1,173
1/2-13	11’ LBS	7-8’ LBS	1,393	1,425	2,276	2,313
5/8-11	22’ LBS	18-19’ LBS	2,260	2,303	3,340	3,410



HEX



SLOTTED HEX

Nylon Hex Bolts (Cap Screws) – Technical Data

All tests performed per ASTM specifications. Parts moulded in Nylon 6/6 Dupont Zytel 101, dry as moulded, unmoisturized, at 73°F. Results are average of random parts tested.

Nylon Hex Bolts (Cap Screws)

Add the following suffixes to specify head styles when ordering:

HU = Hex Unslotted
HS = Hex Slotted

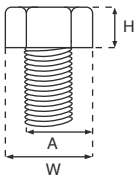
Minimum order:

Hex Head: 100
Slotted Hex: 500
Thread Length:

Bolts are usually threaded as follows:
(Diameter X 2) + 1/2 inch

TECHNICAL DATA FOR NYLON HEX BOLTS (CAP SCREWS)

NOMINAL DIMENSIONS - DATA LISTED FOR REFERENCES PURPOSES ONLY

HEAD TYPE	DIMENSION	THREAD SIZE (in)				
		1/4	5/16	3/8	1/2	5/8
	H	.175	.215	.250	.320	.390
	W	.500	.555	.625	.850	1.100
	A	.425	.485	.565	.740	.935

NYLON HEX BOLTS (CAP SCREWS)

PART NUMBER	SIZE	LENGTH (in/mm)
NHB1420X.375	1/4-20*	3/8 (9.53)
NHB1420X.500	1/4-20*	1/2 (12.7)
NHB1420X.625	1/4-20*	5/8 (15.88)
NHB1420X.750	1/4-20*	3/4 (19.05)
NHB1420X1.000	1/4-20*	1 (25.4)
NHB1420X1.250	1/4-20*	1-1/4 (31.75)
NHB1420X1.500	1/4-20*	1-1/2 (38.1)
NHB1420X2.000	1/4-20*	2 (50.8)
NHB1420X2.500	1/4-20*	2-1/2 (63.5)
NHB1420X3.000	1/4-20*	3 (76.2)
NHB1428X.500	1/4-28	1/2 (12.7)
NHB1428X.625	1/4-28	5/8 (15.88)
NHB1428X.750	1/4-28	3/4 (19.05)
NHB1428X1.000	1/4-28	1 (25.4)
NHB1428X1.250	1/4-28	1-1/4 (31.75)
NHB1428X1.500	1/4-28	1-1/2 (38.1)
NHB1618X.500	5/16-18	1/2 (12.7)
NHB51618X.750	5/16-18	3/4 (19.05)
NHB51618X1.000	5/16-18	1 (25.4)
NHB51618X1.250	5/16-18	1-1/4 (31.75)
NHB51618X1.500	5/16-18	1-1/2 (38.1)
NHB51618X2.000	5/16-18	2 (50.8)
NHB51618X2.500	5/16-18	2-1/2 (63.5)
NHB51618X3.000	5/16-18	3 (76.2)
NHB3816X.500	3/8-16	1/2 (12.7)

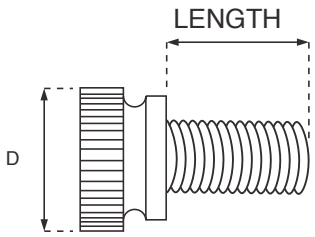
PART NUMBER	SIZE	LENGTH (in/mm)
NHB3816X.750	3/8-16	3/4 (19.05)
NHB3816X1.000	3/8-16	1 (25.4)
NHB3816X1.250	3/8-16	1-1/4 (31.75)
NHB3816X1.500	3/8-16	1-1/2 (38.1)
NHB3816X2.000	3/8-16	2 (50.8)
NHB3816X2.500	3/8-16	2-1/2 (63.5)
NHB3816X3.000	3/8-16	3 (76.2)
NHB1213X.500	1/2-13	1/2 (12.7)
NHB1213X.750	1/2-13	3/4 (19.05)
NHB1213X1.000	1/2-13	1 (25.4)
NHB1213X1.250	1/2-13	1-1/4 (31.75)
NHB1213X1.500	1/2-13	1-1/2 (38.1)
NHB1213X2.000	1/2-13	2 (50.8)
NHB1213X2.500	1/2-13	2-1/2 (63.5)
NHB1213X3.000	1/2-13	3 (76.2)
NHB5811X.500	5/8-11	1/2 (12.7)
NHB5811X1.000	5/8-11	1 (25.4)
NHB5811X2.000	5/8-11	2 (50.8)
NHB5811X4.000**	5/8-11	4 (101.6)
NHB3410X.750	3/4-10	3/4 (19.05)
NHB3410X4.000**	3/4-10	4 (101.6)
NHB3410X5.500	3/4-10	5-1/2 (139.7)
NHB789X.750	7/8-9	3/4 (19.05)
NHB789X4.500**	7/8-9	4-1/2 (114.3)

* ALSO AVAILABLE IN SOCKET HEAD AND PHILLIPS FILLISTER
** FULLY THREADED

LONGER LENGTHS AVAILABLE

KNURLED THUMB SCREWS

NYLON KNURLED THUMB SCREWS



Nylon Thumb Screws – Knurled Thumb Screws

Thumb screws offer easy assembly and adjustment and will not cut fingers.

Vibration-resistant, they stay in place and are knurled for positive grip.

These can be used as an economical alternative for knobs.

Minimum order: 1,000

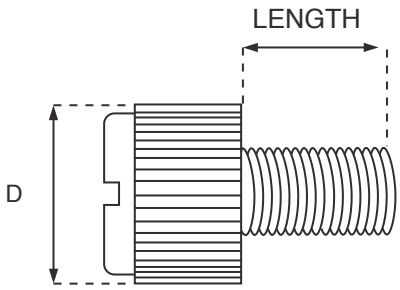
Other sizes and lengths available.

PART NUMBER	SIZE (mm/in)	LENGTH (in/mm)	D (in/mm)
NKTS440X.187	4/40 (2.54)	3/16 (4.76)	.300 (7.62)
NKTS440X.250	4/40 (2.54)	1/4 (6.35)	.300 (7.62)
NKTS440X.375	4/40 (2.54)	3/8 (9.53)	.300 (7.62)
NKTS440X.500	4/40 (2.54)	1/2 (12.7)	.300 (7.62)
NKTS440X.750	4/40 (2.54)	3/4 (19.05)	.300 (7.62)
NKTS632X.250	6/32 (4.76)	1/4 (6.35)	.360 (9.14)
NKTS632X.375	6/32 (4.76)	3/8 (9.53)	.360 (9.14)
NKTS632X.500	6/32 (4.76)	1/2 (12.7)	.360 (9.14)
NKTS632X.750	6/32 (4.76)	3/4 (19.05)	.360 (9.14)
NKTS632X1.000	6/32 (4.76)	1 (25.4)	.360 (9.14)
NKTS832X.187	8/32 (6.35)	3/16 (4.76)	.425 (10.8)
NKTS832X.375	8/32 (6.35)	3/8 (9.53)	.425 (10.8)
NKTS832X.500	8/32 (6.35)	1/2 (12.7)	.425 (10.8)
NKTS832X.750	8/32 (6.35)	3/4 (19.05)	.425 (10.8)
NKTS832X1.000	8/32 (6.35)	1 (25.4)	.425 (10.8)
NKTS1024X.500	10/24 (10.58)	1/2 (12.7)	.425 (10.8)
NKTS1024X.750	10/24 (10.58)	3/4 (19.05)	.425 (10.8)
NKTS1024X1.000	10/24 (10.58)	1 (25.4)	.425 (10.8)
NKTS1024X1.250	10/24 (10.58)	1-1/4 (31.75)	.425 (10.8)
NKTS1024X2.000	10/24 (10.58)	2 (50.8)	.425 (10.8)
NKTS1032X.375	10/32 (7.94)	3/8 (9.53)	.425 (10.8)
NKTS1032X.500	10/32 (7.94)	1/2 (12.7)	.425 (10.8)
NKTS1032X.750	10/32 (7.94)	3/4 (19.05)	.425 (10.8)
NKTS1032X1.000	10/32 (7.94)	1 (25.4)	.425 (10.8)
NKTS1032X1.062	10/32 (7.94)	1-1/16 (26.99)	.425 (10.8)
NKTS1032X1.500	10/32 (7.94)	1-1/2 (38.1)	.425 (10.8)
NKTS1032X2.000	10/32 (7.94)	2 (50.8)	.425 (10.8)
NKTS1420X.500	1/4-20	1/2 (12.7)	.540 (13.72)
NKTS1420X.750	1/4-20	3/4 (19.05)	.540 (13.72)
NKTS1420X1.000	1/4-20	1 (25.4)	.540 (13.72)
NKTS1420X1.250	1/4-20	1-1/4 (31.75)	.540 (13.72)
NKTS1420X1.500	1/4-20	1-1/2 (38.1)	.540 (13.72)
NKTS51618X.500	5/16-18	1/2 (12.7)	.615 (15.62)
NKTS51618X1.000	5/16-18	1 (25.4)	.615 (15.62)
NKTS51618X1.500	5/16-18	1-1/2 (38.1)	.615 (15.62)
NKTS51618X2.000	5/16-18	2 (50.8)	.615 (15.62)
NKTS3816X.500	3/8-16	1/2 (12.7)	.687 (17.45)
NKTS3816X1.000	3/8-16	1 (25.4)	.687 (17.45)
NKTS3816X1.500	3/8-16	1-1/2 (38.1)	.687 (17.45)
NKTS3816X2.000	3/8-16	2 (50.8)	.687 (17.45)
NKTS3816X.500	3/8-16	1/2 (12.7)	.687 (17.45)
NKTS1213X1.000	1/2-13	1 (25.4)	.750 (19.05)
NKTS1213X1.500	1/2-13	1-1/2 (38.1)	.750 (19.05)
NKTS1213X2.000	1/2-13	2 (50.8)	.750 (19.05)

SLOTTED THUMB SCREWS

NYLON SLOTTED THUMB SCREWS

PART NUMBER	SIZE (mm/in)	LENGTH (in/mm)	D (in/mm)
NTS440X.250	4/40 (2.54)	1/4 (6.35)	.317 (8.05)
NTS440X.312	4/40 (2.54)	5/16 (7.94)	.317 (8.05)
NTS440X.375	4/40 (2.54)	3/8 (9.53)	.317 (8.05)
NTS440X.500	4/40 (2.54)	1/2 (12.7)	.317 (8.05)
NTS440X.625	4/40 (2.54)	5/8 (15.88)	.317 (8.05)
NTS440X1.000	4/40 (2.54)	1 (25.4)	.317 (8.05)
NTS632X.250	6/32 (4.76)	1/4 (6.35)	.348 (8.84)
NTS632X.375	6/32 (4.76)	3/8 (9.53)	.348 (8.84)
NTS632X.500	6/32 (4.76)	1/2 (12.7)	.348 (8.84)
NTS632X.750	6/32 (4.76)	3/4 (19.05)	.348 (8.84)
NTS632X1.000	6/32 (4.76)	1 (25.4)	.348 (8.84)
NTS832X.250	8/32 (6.35)	1/4 (6.35)	.381 (9.68)
NTS832X.375	8/32 (6.35)	3/8 (9.53)	.381 (9.68)
NTS832X.500	8/32 (6.35)	1/2 (12.7)	.381 (9.68)
NTS832X.625	8/32 (6.35)	5/8 (15.88)	.381 (9.68)
NTS832X.750	8/32 (6.35)	3/4 (19.05)	.381 (9.68)
NTS832X1.000	8/32 (6.35)	1 (25.4)	.381 (9.68)
NTS1024X.250	10/24 (10.58)	1/4 (6.35)	.412 (10.46)
NTS1024X.500	10/24 (10.58)	1/2 (12.7)	.412 (10.46)
NTS1024X1.000	10/24 (10.58)	1 (25.4)	.412 (10.46)
NTS1032X.375	10/32 (7.94)	3/8 (9.53)	.412 (10.46)
NTS1032X.500	10/32 (7.94)	1/2 (12.7)	.412 (10.46)
NTS1032X.750	10/32 (7.94)	3/4 (19.05)	.412 (10.46)
NTS1032X1.000	10/32 (7.94)	1 (25.4)	.412 (10.46)
NTS1032X1.250	10/32 (7.94)	1-1/4 (31.75)	.412 (10.46)
NTS1032X1.500	10/32 (7.94)	1-1/2 (38.1)	.412 (10.46)
NTS1420X.250	14-20*	1/4 (6.35)	.492 (12.5)
NTS1420X.500	14-20*	1/2 (12.7)	.492 (12.5)
NTS1420X.625	14-20*	3/8 (9.53)	.492 (12.5)
NTS1420X.750	14-20*	3/4 (19.05)	.492 (12.5)
NTS1420X1.000	14-20*	1 (25.4)	.492 (12.5)
NTS1420X1.250	14-20*	1-1/4 (31.75)	.492 (12.5)
NTS1420X1.500	14-20*	1-1/2 (38.1)	.492 (12.5)
NTS1428X.187	14-28	3/16 (4.76)	.480 (12.19)
NTS1428X.250	14-28	1/4 (6.35)	.480 (12.19)
NTS1428X.375	14-28	3/8 (9.53)	.480 (12.19)
NTS1428X.750	14-28	3/4 (19.05)	.480 (12.19)
NTS1428X1.000	14-28	1 (25.4)	.480 (12.19)



Slotted Thumb Screws

Minimum order: 1,000

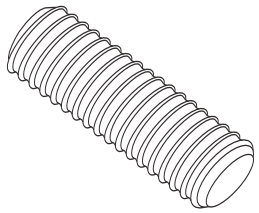
Other standard and metric sizes and lengths available.

* UNSLOTTED AVAILABLE IN 1/4-20 SIZE ONLY. SUBSTITUTE PREFIX UTS WHEN ORDERING.

THREADED & UNTHREADED RODS

ROD - THREADED AND UNTHREADED

PART NUMBER	SIZE (in/mm)
NTR4/40N	4/40 (2.54)
NTR6/32N	6/32 (4.76)
NTR8/32N	8/32 (6.35)
NTR10/24N	10/24 (10.58)
NTR10/32N	10/32 (7.94)
NTR1/4-20N	1/4-20
NTR5/16-18N	5/16-18
NTR3/8-16N	3/8-16
NTR1/2-13N	1/2-13
NTR5/8-11N	5/8-11
NTR3/4-10N	3/4-10
NTR7/8-9N	7/8-9
NTR1-8N	1-8



SOLD IN 2 FOOT LENGTHS

Nylon Threaded Rod

Use with corresponding nuts for longer length or non-standard bolts. Can be bent with heat to form U-bolts or other shapes.

This versatile threaded rod stock is easily cut to size, resistant to most chemicals, electrically insulating, non-magnetic, lightweight, low thermal conductivity, vibration and abrasion resistant.

Stock length is 2 feet.

Longer lengths up to 8 feet are available on special order.

We can furnish cut to your length with a nominal cutting charge.

Other plastic materials can be furnished on special order, contact the factory.

PVC Threaded Rod

Minimum order: 5 feet. Sold in 5-foot lengths only. Other sizes available.

FRP Threaded Rod

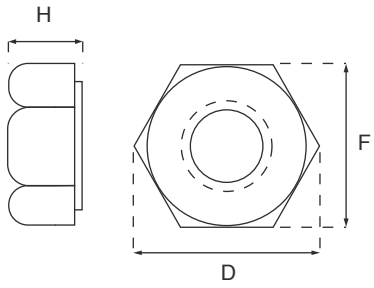
Sold in 4-foot lengths only. Minimums on request. Glass-filled polyphenyl sulphide nuts are available

Nylon Unthreaded Rod

Minimum order 10 feet. Sold in 10-foot lengths only.

STANDARD NYLON HEX NUTS

NYLON NUTS - HEX NUTS (SINGLE CHAMFERED, WASHER FACED)



Nylon Nuts – Hex Nuts (Single chamfered, washer faced)

Especially useful with brittle surfaces such as glass, ceramic or enamel.

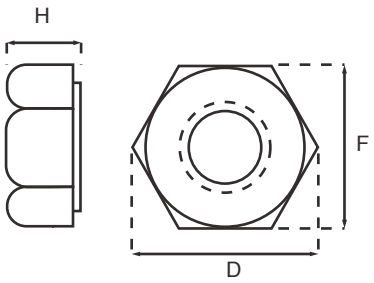
Their resilience allows even load distribution, particularly on irregular surfaces.

Minimum order: 100

* AVAILABLE IN THINNER HEX JAM NUT

PART NUMBER	F	D	H
NHN2/56	.180 (4.57)	.205 (5.21)	.070 (1.78)
NHN3/48	.180 (4.57)	.205 (5.21)	.070 (1.78)
NHN4/40	.250 (6.35)	.275 (6.99)	.100 (2.54)
NHN6/32	.305 (7.75)	.350 (8.89)	.120 (3.05)
NHN6/40	.305 (7.75)	.350 (8.89)	.120 (3.05)
NHN8/32	.335 (8.51)	.380 (9.65)	.130 (3.30)
NHN10/24	.365 (9.27)	.420 (10.67)	.135 (3.43)
NHN10/32	.365 (9.27)	.420 (10.67)	.135 (3.43)
NHN12/24	.425 (10.80)	.510 (12.95)	.207 (5.26)
NHN1/4-20	.433 (11.00)	.510 (12.95)	.233 (5.92)
NHN1/4-28	.433 (11.00)	.510 (12.95)	.233 (5.92)
NHN5/16-18*	.500 (12.7)	.575 (14.61)	.270 (6.86)
NHN5/16-24	.500 (12.7)	.575 (14.61)	.270 (6.86)
NHN3/8-16*	.560 (14.22)	.630 (16.00)	.330 (8.38)
NHN3/8-24	.560 (14.22)	.630 (16.00)	.330 (8.38)
NHN3/8-32	.560 (14.22)	.630 (16.00)	.330 (8.38)
NHN7/16-14	.685 (17.40)	.780 (19.81)	.380 (9.65)
NHN7/16-20	.685 (17.40)	.780 (19.81)	.380 (9.65)
NHN1/2-13*	.750 (19.05)	.860 (21.84)	.430 (10.92)
NHN1/2-20	.750 (19.05)	.860 (21.84)	.430 (10.92)
NHN5/8-11*	.925 (23.50)	1.050 (26.68)	.550 (13.97)
NHN5/8-18	.925 (23.50)	1.050 (26.68)	.550 (13.97)
NHN11/16-27	1.000 (25.4)	1.140 (28.96)	.250 (6.35)
NHN3/4-10	1.100 (27.94)	1.250 (31.75)	.640 (16.26)
NHN7/8-9	1.280 (32.51)	1.480 (37.59)	.750 (19.05)
NHN1"-8	1.470 (37.34)	1.700 (43.18)	.870 (22.10)

METRIC HEX NUTS



Metric Hex Nuts

Minimum order: 1,000

PART NUMBER	PITCH	F (mm)	D (mm)	H (mm)
NLMHN2	.40	3.90	4.50	1.2
NLMHN2.5	.45	4.960	5.60	1.8
NLMHN3	.50	5.40	6.20	2.2
NLMHN3.5	.60	6.90	7.90	2.7
NLMHN4	.70	6.90	7.90	3.0
NLMHN5	.80	7.90	9.00	4.3
NLMHN6	1.00	10.00	11.30	5.4
NLMHN8	1.25	12.90	14.70	6.4
NLMHN10	1.50	14.80	17.00	9.8

STANDARD NYLON HEX NUTS

TECHNICAL DATA FOR NYLON NUTS

DATA LISTED IS FOR REFERENCE PURPOSES ONLY

SIZE	TEST NO. 1 TENSILE LBS	TEST NO. 2 ULTIMATE TORQUE	RECOMMENDED TORQUE BEFORE DEFORMATION
4/40	85	2 INCH LBS	1.5 INCH LBS
6/32	135	5.2 INCH LBS	4 INCH LBS
8/32	172	6.8 INCH LBS	5 INCH LBS
10/24	211	7 INCH LBS	5.5 INCH LBS
10/32	276	8 INCH LBS	6.5 INCH LBS
1/4-20	311	19.3 INCH LBS	17 INCH LBS
5/16-18	877	44.3 INCH LBS	42 INCH LBS
3/8-16	994	74 INCH LBS	72 INCH LBS
1/2-13	2,367	15.7 FOOT LBS	13 FOOT LBS
5/8-11	3,487	31.7 FOOT LBS	30 FOOT LBS

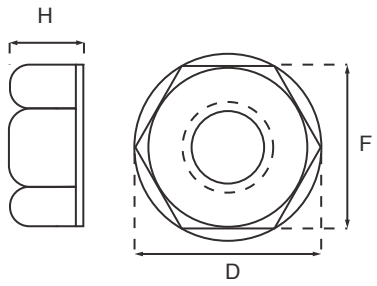
Nylon Nuts – Technical Data

Test No. 1 Pull Test: Nylon Nut on Metal Screw
Test No. 2 Torque: Nylon Nut on Metal Screw

All tests performed per ASTM specifications. Parts moulded in Nylon 6/6 Dupont Zytel 101, dry as moulded, unmoisturized, at 73°F. Results are average of random parts tested.

LOCKING HEX NUTS

PART NUMBER	F	D	H
NLHN2/56	.180 (4.57)	.205 (5.21)	.140 (3.56)
NLHN4/40	.250 (6.35)	.275 (6.99)	.200 (5.08)
NLHN6/32	.305 (7.75)	.350 (8.89)	.200 (5.08)
NLHN8/32	.335 (8.51)	.380 (9.65)	.230 (5.84)
NLHN10/24	.365 (9.27)	.420 (10.67)	.250 (6.35)
NLHN10/32*	.365 (9.27)	.420 (10.67)	.250 (6.35)
NLHN1/4-20	.425 (10.80)	.510 (12.95)	.275 (6.99)

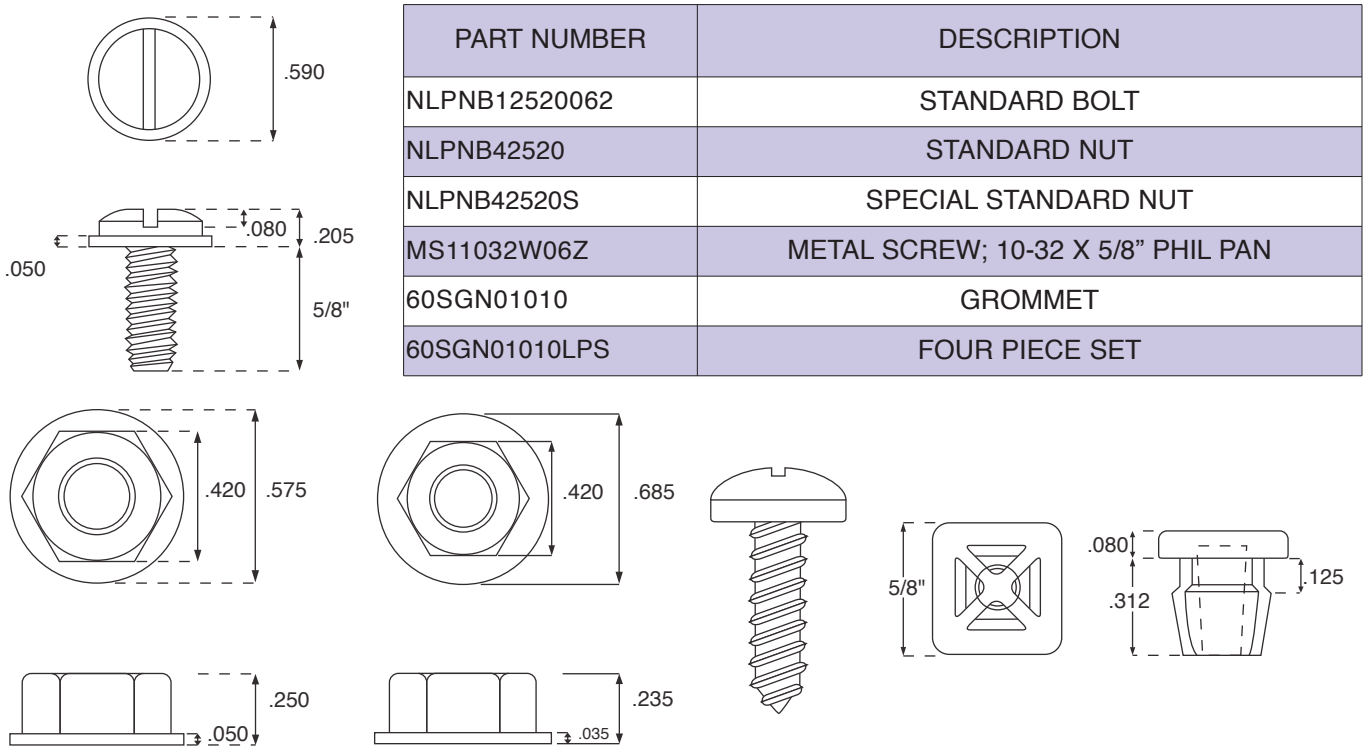


* ALSO AVAILABLE WITH LH6/32 BODY AND TAPPED 10/32. PART NUMBER IS LH6-10/32.

Locking Hex Nuts

Minimum order: 100

NYLON LICENSE PLATE NUT AND BOLT SETS



PART NUMBER	DESCRIPTION
NLPNB12520062	STANDARD BOLT
NLPNB42520	STANDARD NUT
NLPNB42520S	SPECIAL STANDARD NUT
MS11032W06Z	METAL SCREW; 10-32 X 5/8” PHIL PAN
60SGN01010	GROMMET
60SGN01010LPS	FOUR PIECE SET

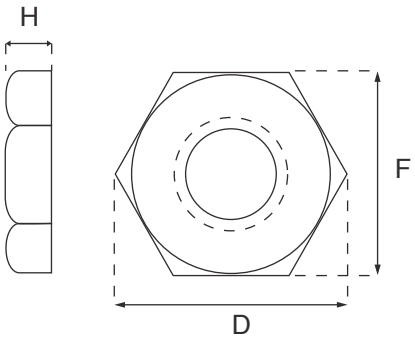
Nylon License Plate Nut and Bolt Sets

Part number **60SGN01010LPS** is a set of deluxe license plate fasteners, packaged in a clear poly bag. The set includes two each of part number **60SGN01010** (grommet) and **011032W062ZP** (zinc plated screw).

NYLON JAM NUTS

STANDARD JAM NUTS

PART NUMBER	F	D	H
JN5/16-18	.500 (12.70)	.575 (14.61)	.190 (4.83)
JN5/16-24	.500 (12.70)	.575 (14.61)	.190 (4.83)
JN3/8-16	.500 (12.70)	.575 (14.61)	.125 (3.18)
JN3/8-24	.500 (12.70)	.575 (14.61)	.125 (3.18)
JN3/8-32	.500 (12.70)	.575 (14.61)	.125 (3.18)
JN3/8-16SPEC	.670 (17.02)	.760 (19.30)	.219 (5.56)
JN7/16-14	.687 (17.45)	.780 (19.81)	.375 (9.53)
JN7/16-20	.687 (17.45)	.780 (19.81)	.250 (6.35)
JN15/32-32	.625 (15.88)	.720 (18.29)	.125 (3.18)
JN1/2-13	.687 (17.45)	.790 (20.06)	.220 (5.59)
JN1/2-24	.687 (17.45)	.780 (19.81)	.220 (5.59)
JN1/2-28	.660 (16.76)	.755 (19.18)	.125 (3.18)
JN9/16-18	.750 (19.05)	.860 (21.84)	.250 (6.35)
JN5/8-11	.930 (23.62)	1.07 (27.18)	.375 (9.53)
JN5/8-18	.937 (23.80)	1.07 (27.18)	.375 (9.53)
JN3/4-10	1.12 (28.50)	1.26 (32.00)	.250 (6.35)
JN3/4-16	1.12 (28.50)	1.26 (32.00)	.250 (6.35)
JN3/4-27	1.00 (25.40)	1.14 (28.96)	.125 (3.18)
JN7/8-14	1.25 (31.75)	1.43 (36.32)	.340 (8.64)
JN1-8	1.48 (37.59)	1.70 (43.18)	.410 (10.41)
JN1/8-27	.56 (14.22)	.64 (6.26)	.110 (2.79)
JN1/4-18NPT	.740 (18.80)	.850 (21.60)	.187 (4.75)
JN3/8-18NPT	1.00 (25.40)	1.15 (29.21)	.280 (7.11)
JN1/2-14NPT	1.25 (31.75)	1.43 (36.32)	.340 (8.64)
JN3/4-14NPT	1.48 (37.59)	1.70 (43.18)	.410 (10.41)
JN1/4-18NPS	1.48 (37.59)	1.70 (43.18)	.410 (10.41)
JN3/8-18NPS	.687 (17.45)	.796 (20.22)	.225 (5.72)
JN1/2-14NPS	1.00 (25.40)	1.15 (29.21)	.280 (7.11)
JN3/4-14NPS	1.25 (31.75)	1.43 (36.32)	.340 (8.64)
JN3/4-14NPS	1.48 (37.59)	1.70 (43.18)	.410 (10.41)



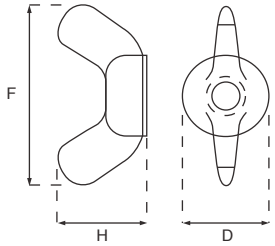
Standard Jam Nuts

Minimum order: 1,000

NYLON WING NUTS

WING NUTS

WING NUT



Nylon Wing Nuts

Minimum order: 100

Nylon Deco Wing Nuts, Nylon Locking Deco Wing Nuts

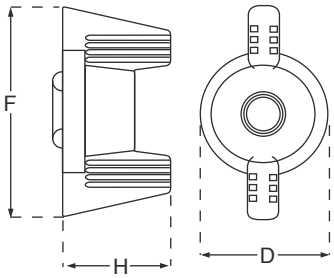
Similar to our standard cap nut, except with a molded-in locking thread. Use for applications which require higher torque, vibration resistance or a more secure assembly.
Minimum order: 100

PART NUMBER	F	D	H
NWN4/40	.900 (22.86)	.400 (10.16)	.480 (12.19)
NWN6/32	.900 (22.86)	.400 (10.16)	.480 (12.19)
NWN8/32	.900 (22.86)	.400 (10.16)	.480 (12.19)
NWN10/24	.900 (22.86)	.400 (10.16)	.480 (12.19)
NWNS10/24	1.100 (27.94)	.560 (14.22)	.630 (16.00)
NWN10/32	.900 (22.86)	.400 (10.16)	.480 (12.19)
NWNS10/32	1.100 (27.94)	.560 (14.22)	.630 (16.00)
NWNS1/4-20	1.100 (27.94)	.560 (14.22)	.630 (16.00)
NWN1/4-20	1.360 (34.54)	.650 (16.51)	.700 (17.78)
NWNS1/4-28	1.100 (27.94)	.560 (14.22)	.630 (16.00)
NWN1/4-28	1.380 (35.05)	.650 (16.51)	.700 (17.78)
NWN5/16-18	1.380 (35.05)	.650 (16.51)	.700 (17.78)
NWN3/8-16	1.380 (35.05)	.650 (16.51)	.700 (17.78)
NWN7/16-14	1.76 (44.70)	.850 (21.59)	.900 (22.86)
NWN1/2-13	1.76 (44.70)	.850 (21.59)	.900 (22.86)
NWN9/16-12	1.76 (44.70)	.850 (21.59)	.900 (22.86)

NYLON DECO WING NUTS

PART NUMBER	F	D	H
NDWN4/40	5/8 (15.88)	3/8 (9.53)	5/16 (7.94)
NDWN6/32	5/8 (15.88)	3/8 (9.53)	5/16 (7.94)
NDWN8/32	5/8 (15.88)	3/8 (9.53)	5/16 (7.94)
NDWN10/24	7/8 (22.23)	1/2 (12.70)	7/16 (11.10)
NDWN10/32	7/8 (22.23)	1/2 (12.70)	7/16 (11.10)
NDWN1/4-20	1-11/64 (29.74)	5/8 (15.88)	17/32 (13.49)
NDWN3/8-24	1-9/16 (39.67)	63/64 (25.0)	29/64 (11.51)

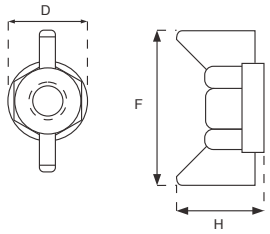
DECO WING NUT



NYLON LOCKING DECO WING NUTS

PART NUMBER	F	D	H
NLDWN4/40	5/8 (15.88)	3/8 (9.53)	5/16 (7.94)
NLDWN6/32	5/8 (15.88)	3/8 (9.53)	5/16 (7.94)
NLDWN8/32	5/8 (15.88)	3/8 (9.53)	5/16 (7.94)
NLDWN10/24	7/8 (22.23)	1/2 (12.70)	7/16 (11.10)
NLDWN10/32	7/8 (22.23)	1/2 (12.70)	7/16 (11.10)
NLDWN1/4-20	1-11/64 (29.74)	5/8 (15.88)	17/32 (13.49)
NLDWN5/16-18*	1-9/16 (39.67)	63/64 (25.0)	29/64 (11.51)

LOCKING WING NUT

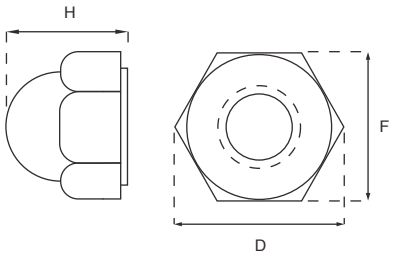


*PART IS FLUSH ACROSS WINGS

MISCELLANEOUS NYLON NUTS

CAP NUTS

PART NUMBER	F	D	H
CN4/40	.250 (6.35)	.275 (6.98)	.280 (7.11)
CN6/32	.305 (7.75)	.350 (8.89)	.345 (8.76)
CN8/32	.330 (8.38)	.380 (9.65)	.375 (9.53)
CN10/24	.365 (9.27)	.420 (10.67)	.400 (10.16)
CN10/32	.365 (9.27)	.420 (10.67)	.400 (10.16)
CN1/4-20	.425 (10.80)	.510 (12.95)	.475 (12.07)
CN1/4-28	.425 (10.80)	.510 (12.95)	.475 (12.07)
CN5/16-18	.500 (12.70)	.570 (14.48)	.530 (13.46)
CN5/16-24	.500 (12.70)	.575 (14.61)	.530 (13.46)
CN3/8-16	.560 (14.22)	.645 (16.38)	.620 (15.75)
CN3/8-24	.560 (14.22)	.630 (16.00)	.620 (15.75)
CN1/2-13	.750 (19.05)	.860 (21.84)	.810 (20.57)
CN5/8-11	.935 (23.75)	1.075 (27.30)	.970 (24.64)

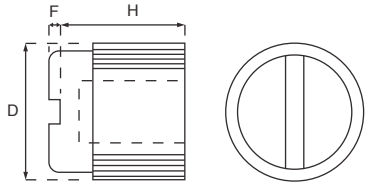


Cap Nuts

Minimum order: 100

SLOTTED THUMB (CAP) NUTS

SLOTTED NUT



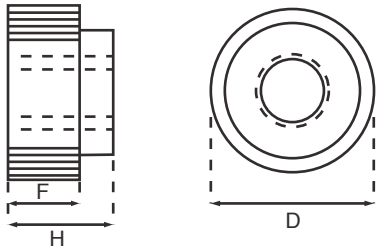
Slotted Thumb (Cap) Nuts

Minimum order: 100

PART NUMBER	F	D	H
NSTN4/40	.045 (1.14)	.317 (8.05)	.295 (7.49)
NSTN6/32	.051 (1.30)	.348 (8.84)	.334 (8.48)
NSTN8/32	.059 (1.50)	.381 (9.68)	.378 (9.60)
NSTN10/24	.068 (1.73)	.400 (10.16)	23/64 (9.12)
NSTN10/32	.068 (1.73)	.400 (10.16)	23/64 (9.12)
NSTN1/4-20	.088 (2.24)	.478 (12.14)	.370 (9.40)

THROUGH THUMB NUTS

THROUGH NUT



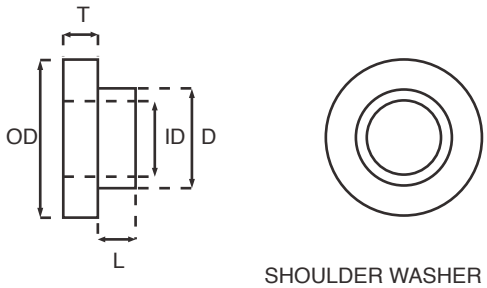
Through Thumb Nuts

Minimum order: 100

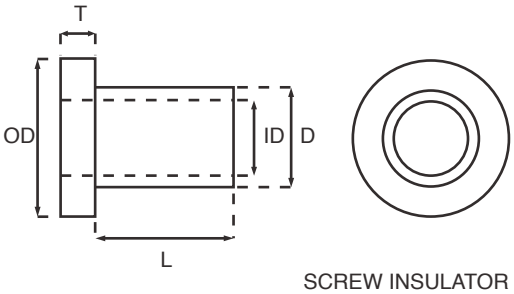
PART NUMBER	F	D	H
NTTN4/40	.120 (3.05)	.300 (7.62)	.280 (7.11)
NTTN6/32	.125 (3.18)	.360 (9.14)	.275 (6.99)
NTTN8/32	.140 (3.56)	.425 (10.80)	.305 (7.75)
NTTN10/24	.140 (3.56)	.425 (10.80)	.325 (8.26)
NTTN10/32	.140 (3.56)	.425 (10.80)	.325 (8.26)
NTTN1/4-20	.155 (3.94)	.540 (13.72)	.365 (9.27)
NTTN5/16-18	.171 (4.34)	.615 (15.62)	.385 (9.78)
NTTN3/8-16	.187 (4.75)	.687 (17.45)	.430 (10.92)
NTTN1/2-13	.203 (5.16)	.750 (19.05)	.468 (11.89)

NYLON FINISHING WASHERS

NYLON WASHERS OVERVIEW



SHOULDER WASHER



SCREW INSULATOR

Shoulder Washers and Screw Insulators – Standard Nylon Shoulder Washers

Minimum order: 1,000

Special Nylon Shoulder Washers and Screw Insulators

Tolerances all dimensions ± 0.015

Suitable for a variety of insulation and mechanical applications.

They seal, reduce vibration, act as spacers, guides, bushings and bearings. Isolate metal screws electrically and reduce corrosion.

They can also be used as light load bearings in many applications. Shoulder washers are shown with prefix NSW.

Screw insulators are for standard screw sizes (#2 up to 1/4) and are shown with the prefix SC.

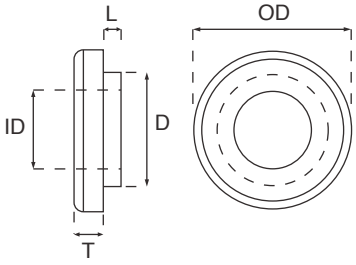
Shoulder washers can often be interchanged with screw insulators, but they tend to have a shorter shank (L dimension).

Custom sizes can be tooled for moulding.

Please specify size, quantity and tolerances when requesting a quote.

Minimum order: 1,000

SHOULDER WASHERS - STANDARD NYLON SHOULDER WASHERS



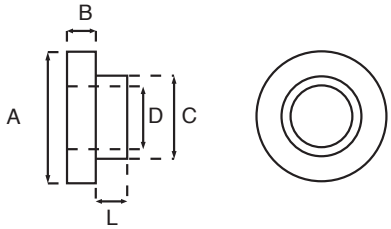
PART NUMBER	ID	OD	T	D	L
NSW2	.093 (2.36)	.250 (6.35)	.040 (1.02)	.156 (3.96)	.040 (1.02)
NSW4	.122 (3.09)	.281 (7.14)	.040 (1.02)	.187 (4.75)	.040 (1.02)
NSW6	.146 (3.71)	.328 (8.33)	.040 (1.02)	.218 (5.54)	.040 (1.02)
NSW8	.174 (4.42)	.375 (9.53)	.050 (1.27)	.250 (6.35)	.050 (1.27)
NSW10	.201 (5.11)	.437 (11.10)	.050 (1.27)	.281 (7.14)	.050 (1.27)
NSW1/4	.260 (6.60)	.562 (14.27)	.060 (1.52)	.375 (9.53)	.060 (1.52)
NSW3/8	.385 (9.78)	.750 (19.05)	.060 (1.52)	.500 (12.7)	.060 (1.52)

NYLON SHOULDER WASHERS

NYLON SHOULDER WASHERS

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW0152	3/64	1.19	.105	2.67	3/64	1.19	.084	2.13	.061	1.55
NSW0155	.060	1.52	.125	3.18	.030	0.76	.080	2.03	.055	1.40
NSW0156	1/32	0.79	.228	5.79	1/32	0.79	.122	3.10	.093	2.36
NSW0157	.035	0.89	.235	5.97	.095	2.41	.147	3.73	.115	2.92
NSW0180	.075	1.91	.181	4.60	3/64	1.19	.120	3.05	.045	1.14
NSW0182	1/32	0.79	.182	4.75	1/16	1.59	.131	3.33	.085	2.16
NSW0183	1/32	0.79	.182	4.75	5/64	1.98	.125	3.18	.085	2.16
NSW0184	1/32	0.79	.182	4.75	1/16	1.59	.119	3.02	.095	2.41
NSW0187	1/64	0.41	.187	4.75	1/32	0.79	.119	3.02	.089	2.26
NSW0188	.030	0.76	.187	4.75	.030	0.76	.131	3.33	.090	2.29
NSW0190	9/32	7.14	.197	5.00	1/32	0.79	.118	3.00	.075	1.91
NSW0191	.100	2.54	.350	8.89	.090	2.29	.200	5.08	.140	3.56
NSW0195	1/16	1.59	.195	4.95	1/32	0.79	.120	3.05	.093	2.36
NSW0196	3/64	1.19	.240	6.09	1/16	1.59	.135	3.42	.114	2.89
NSW0197	1/32	0.79	.216	5.48	3/64	1.19	.135	3.42	.115	2.92
NSW0198	1/32	0.79	.200	5.08	1/32	0.79	.140	3.56	.115	2.92
NSW0199	5/64	1.98	.187	4.75	1/32	0.79	.119	3.02	.063	1.60
NSW0200	1/32	0.79	.200	5.08	5/64	1.98	.135	1.98	.116	2.95
NSW0201	3/16	4.76	.187	4.75	1/32	0.79	.119	3.02	.063	1.60
NSW0202	5/64	1.98	.205	5.21	1/32	0.79	.125	3.18	.093	2.36
NSW0203	7/64	2.77	.205	5.21	1/32	0.79	.125	3.18	.093	2.36
NSW0204	3/16	4.76	.205	5.21	1/32	0.79	.125	3.18	.093	2.36
NSW0205	3/64	1.19	.202	5.13	1/64	0.41	.145	3.68	.120	3.05
NSW0206	1/16	1.59	.224	5.69	1/32	0.79	.154	3.91	.120	3.05
NSW0207	5/32	3.97	.235	5.97	3/64	1.19	.135	3.43	.110	2.79
NSW0208	1/16	1.59	.200	5.08	1/32	0.79	.120	3.05	.093	2.36
NSW0209	3/64	1.19	.210	5.33	1/64	0.41	.145	3.68	.120	3.05
NSW0210	3/64	1.19	.230	5.84	1/64	0.41	.142	3.61	.122	3.61
NSW0211	1/32	0.79	.128	5.54	3.64	1.19	.135	3.43	.115	2.92
NSW0212	7/16	11.11	.224	5.69	1/32	0.79	.154	3.91	.120	3.05
NSW0213	3/64	1.19	.200	5.08	1/32	0.79	.138	3.51	.109	2.77
NSW0214	1/32	0.79	.235	5.97	3/64	1.19	.137	3.48	.115	2.92
NSW0215	7/32	5.55	.250	6.35	11/64	4.37	.150	3.81	.115	2.92
NSW0216	1/32	0.79	.240	6.10	1/32	0.79	.150	3.81	.098	2.49
NSW0217	1/32	0.79	.228	5.79	3.64	1.19	.138	3.51	.100	2.54
NSW0218	1/8	3.18	.242	6.15	3/64	1.19	.140	3.56	.115	2.92
NSW0219	1/8	3.18	.290	7.37	1/64	0.41	.250	6.35	.193	4.90
NSW0220	3/64	1.19	.234	5.94	3/64	1.19	.147	3.73	.115	2.92
NSW0221	3/32	2.38	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSW0222	1/8	3.18	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSW0223	1/32	0.799	.250	6.35	1/16	1.59	.187	4.75	.140	3.56
NSW0224	3/64	1.19	.260	6.60	1/16	1.59	.190	4.83	.140	3.56
NSW0225	43/64	17.02	.250	6.35	3/64	1.19	.187	4.75	.095	2.41
NSW0226	1/16	1.59	.250	6.35	1/32	0.79	.143	3.63	.118	3.00
NSW0227	1/32	0.79	.257	6.53	1/16	1.59	.187	4.75	.141	3.58
NSW0228	1/64	0.41	.260	6.60	1/64	0.41	.154	3.91	.095	2.41
NSW0229	1/8	3.18	.250	6.35	3/64	1.19	.139	3.53	.118	3.00

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW0230	5/32	3.97	.265	6.73	1/32	0.79	.205	5.21	.142	3.61
NSW0232	5/64	1.98	.253	6.42	3/64	1.19	.136	3.45	.120	3.05
NSW0233	1/32	0.79	.203	5.16	3/64	1.19	.140	3.56	.115	2.92
NSW0234	.050	1.40	.239	6.07	.020	0.51	.139	3.53	.116	2.95
NSW0235	.033	0.84	.210	5.33	.042	1.07	.143	3.63	.116	2.95
NSW0236	.020	0.51	.250	6.35	.030	0.76	.150	3.81	.116	2.95
NSW0237	.040	1.02	.235	5.97	.047	1.19	.147	3.73	.115	2.92
NSW0238	.030	0.76	.230	5.84	.040	1.02	.150	3.81	.125	3.18
NSW0239	.090	2.29	.224	5.69	.028	0.71	.154	3.91	.120	3.05
NSW0240	.100	2.54	.230	5.84	.025	0.64	.190	4.83	.150	3.81
NSW0241	.155	3.94	.224	5.69	.028	0.71	.154	3.91	.120	3.05
NSW0242	3/32	2.38	.635	16.13	9/64	3.57	.425	10.80	.201	5.11
NSW0243	.063	1.60	15/64	5.94	.025	0.64	.164	4.17	.130	3.30
NSW0244	.031	0.79	.234	5.94	.025	0.64	.145	3.68	.115	2.92
NSW0250	.156	3.96	.265	6.73	.118	3.00	.205	5.21	.142	3.61
NSW0255	1/8	2.94	.500	12.70	1/8	2.94	.375	9.53	.285	7.14
NSW0290	1/32	0.79	.290	7.37	3.64	1.19	.170	4.32	.140	3.56
NSW0291	.375	9.53	.290	7.37	.234	5.94	.170	4.32	.140	3.56
NSW0296	.375	9.53	.499	12.67	.125	3.18	.295	7.49	.187	4.75
NSW0300	.090	2.29	.250	6.35	.050	1.27	.150	3.81	.120	3.05
NSW0305	.120	3.05	.250	6.35	.050	1.27	.135	3.43	.118	.300
NSW0310	.250	6.35	.250	6.35	.047	1.19	.156	3.96	.125	3.18
NSW0395	.025	0.64	.250	6.35	.031	0.79	.122	3.10	.093	2.36
NSW0396	.040	1.02	.250	6.35	.047	1.19	.140	3.56	.102	2.59
NSW0400	3/32	2.38	.235	5.97	3/64	1.19	.140	3.56	.115	2.92
NSW0401	1/4	6.35	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSW0402	3/64	1.19	.240	6.09	1/16	1.59	.138	3.50	.114	2.89
NSW0403	1/16	1.59	.312	7.93	1/16	1.59	.149	3.79	.115	2.92
NSW0404	3/32	2.38	.312	7.93	1/16	1.59	.149	3.79	.115	2.92
NSW0405	1/64	0.41	.250	6.35	3/64	1.19	.124	3.15	.111	2.82
NSW0406	1/32	0.79	.252	6.40	1/32	0.79	.186	4.72	.140	3.56
NSW0407	1/32	0.79	.250	6.35	1/32	0.79	.186	4.72	.139	3.53
NSW0408	.250	6.35	.235	5.97	.032	0.81	.120	3.05	.090	2.29
NSW0409	1/8	3.18	.250	6.35	1/32	0.79	.195	4.95	.130	3.30
NSW0410	1/32	0.79	.250	6.35	3/64	1.19	.144	2.90	.100	2.54
NSW0411	1/16	1.59	.250	6.35	1/32	0.79	.143	3.63	.115	2.92
NSW0412	1/16	1.59	.250	6.35	1/32	0.79	.169	4.29	.102	2.59
NSW0413	3/32	2.38	.250	6.35	3/64	1.19	.114	2.90	.100	2.54
NSW0414	1/8	3.18	.281	7.14	3/32	2.38	.158	4.01	.093	2.36
NSW0415	3/16	4.76	.293	7.44	3/64	1.19	.218	5.53	.138	3.51
NSW0416	11/64	4.37	.250	6.35	3/64	1.19	.186	4.72	.126	3.20
NSW0417	1/64	0.41	.310	7.87	1/16	1.59	.183	4.65	.139	3.53
NSW0418	1/64	0.41	.312	7.93	1/16	1.59	.187	4.75	.115	2.92
NSW0419	1/32	0.79	.312	7.93	1/32	0.79	.185	4.70	.140	3.56
NSW0420	1/16	1.59	.312	7.93	1/16	1.59	.170	4.32	.120	3.05
NSW0421	3/64	1.19	.312	7.93	1/16	1.59	.170	4.32	.127	3.23
NSW0422	1/8	3.18	.312	7.93	3/64	1.19	.234	5.94	.144	3.66



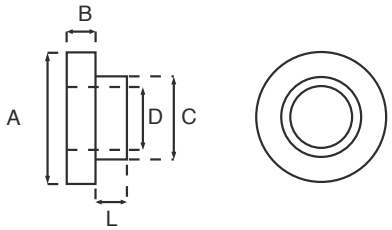
SHOULDER WASHER

NYLON SHOULDER WASHERS

NYLON SHOULDER WASHERS

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW0423	1/64	0.41	.250	6.35	1/32	0.79	.150	3.81	.116	2.95
NSW0424	7/32	5.55	.295	7.49	1/32	0.79	.234	5.94	.140	3.56
NSW0425	1/32	0.79	.312	7.93	1/16	1.59	.250	6.35	.196	4.98
NSW0426	11/64	4.37	.250	6.35	3/64	1.19	.145	3.68	.115	2.92
NSW0427	3/64	1.19	.250	6.35	1/32	0.79	.185	4.70	.116	2.95
NSW0428	7/64	2.77	.242	6.15	3/64	1.19	.140	3.56	.115	2.92
NSW0429	9/64	3.58	.250	6.35	3/64	1.19	.145	3.68	.115	2.92
NSW0430	3/16	4.76	.312	7.93	1/16	1.59	.250	6.35	.156	3.96
NSW0431	3/32	2.38	.240	6.10	1/32	0.79	.185	4.70	.125	3.18
NSW0432	3/64	1.19	.250	6.35	3/64	1.19	.143	3.63	.113	2.87
NSW0433	7/64	2.77	.250	6.35	3/64	1.19	.145	3.68	.115	2.92
NSW0434	1/16	1.59	.312	7.93	3/64	1.19	.170	4.32	.140	3.56
NSW0435	3/64	1.19	.250	6.35	1/16	1.59	.185	4.70	.116	2.95
NSW0436	1/32	0.79	.240	6.10	3/64	1.19	.139	3.53	.115	2.92
NSW0437	1/32	0.79	.265	6.73	1/32	0.79	.157	3.99	.126	3.20
NSW0438	1/32	0.79	.312	7.93	1/16	1.59	.187	4.75	.141	3.58
NSW0439	1/16	1.59	.250	6.35	3/64	1.19	.138	3.50	.120	3.05
NSW0440	5/16	7.94	.312	7.93	1/32	0.79	.154	3.91	.130	3.30
NSW0441	3/16	4.76	.312	7.93	1/32	0.79	.234	5.94	.184	4.67
NSW0442	7/32	5.54	.296	7.52	1/32	0.79	.235	5.97	.135	3.43
NSW0443	.156	3.96	.252	6.40	.047	1.19	.140	3.56	.115	2.92
NSW0444	1/16	1.59	.300	7.62	3/64	1.19	.194	4.93	.160	4.06
NSW0445	1/32	0.79	.313	7.95	1/32	0.79	.175	4.45	.143	3.63
NSW0446	1/64	0.41	.312	7.93	3/64	1.19	.160	4.06	.097	2.46
NSW0448	3/32	2.38	.312	7.93	3/64	1.19	.187	4.75	.128	3.25
NSW0449	1/32	0.79	.313	7.95	1/32	0.79	.219	5.56	.124	3.15
NSW0450	1/16	1.59	.312	7.93	3/46	1.19	.234	5.94	.144	3.66
NSW0451	1/32	0.79	.315	8.00	.030	0.76	.150	3.81	.115	2.92
NSW0452	1/32	0.79	.312	7.93	3/64	1.19	.203	5.16	.120	3.05
NSW0453	.027	0.69	.312	7.93	.035	0.89	.187	4.75	.140	3.56
NSW0454	1/32	0.79	.313	7.95	1/32	0.79	.219	5.56	.136	3.45
NSW0455	3/64	1.19	.312	7.93	1/32	0.79	.185	4.70	.126	3.20
NSW0456	3/64	1.19	.250	6.35	3/64	1.19	.156	3.96	.115	2.92
NSW0457	1/32	0.79	.250	6.35	1/32	0.79	.187	4.75	.120	3.05
NSW0459	15/64	5.94	.291	7.39	1/16	1.59	.154	3.91	.120	3.05
NSW0460	.125	3.18	.290	7.37	.047	1.19	.170	4.32	.140	3.56
NSW0462	1/32	0.79	.312	7.93	.063	1.60	.187	4.75	.123	3.12
NSW0463	.050	1.27	.312	7.93	.046	1.17	.229	5.82	.163	4.13
NSW0464	19/64	7.52	.250	6.35	3/64	1.19	.145	3.68	.115	2.92
NSW0465	.060	1.52	.312	7.93	.030	0.76	.189	4.80	.144	3.66
NSW0467	.062	1.57	.312	7.93	.063	1.60	.126	3.20	.091	0.23
NSW0468	.250	6.35	.312	7.93	.060	1.52	.210	5.33	.142	3.61
NSW0470	.165	4.19	.290	7.37	.047	1.19	.200	5.08	.145	3.68
NSW0475	.100	2.54	.312	7.93	.045	1.14	.150	3.81	.114	2.90
NSW0601	1/4	6.35	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSW0602	1/32	0.79	.330	8.38	1/16	1.59	.206	5.23	.141	3.58
NSW0603	.062	1.57	.300	7.62	.050	1.27	.180	4.57	.150	3.81

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW0605	3/64	1.19	.328	8.33	3/64	1.19	.218	5.54	.146	3.71
NSW0606	3/64	1.19	.340	.864	5/64	1.98	.250	6.35	.140	3.56
NSW0607	1/16	1.59	.289	7.34	1/16	1.59	.215	5.46	.093	2.36
NSW0608	3/64	1.19	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSW0609	3/64	1.19	.312	7.93	1/32	0.79	.185	4.70	.116	2.95
NSW0610	1/16	1.59	.348	8.83	1/32	0.79	.290	7.36	.256	6.50
NSW0612	3/32	2.38	.316	8.03	3/64	1.19	.158	4.01	.116	2.95
NSW0614	1/32	0.79	.324	8.23	1/16	1.59	.204	5.18	.140	3.56
NSW0615	.065	1.65	.320	8.13	.050	1.27	.182	4.62	.141	3.58
NSW0621	3/32	2.38	.340	8.64	1/16	1.59	.220	5.59	.175	4.45
NSW0628	3/8	9.53	.345	8.76	1/16	1.59	.205	5.21	.173	4.39
NSW0629	3/64	1.19	.345	8.76	1/16	1.59	.209	5.30	.171	4.34
NSW0630	13/64	5.16	.368	9.34	5/64	1.98	.146	3.70	.115	2.92
NSW0632	1/16	1.59	.349	8.87	3/64	1.19	.248	6.30	.140	3.56
NSW0633	.060	1.52	.349	8.87	.050	1.27	.260	6.60	.133	3.38
NSW0634	11/64	4.37	.350	8.89	1/64	0.41	.300	7.62	.112	2.84
NSW0798	.080	2.03	.344	8.74	.063	1.60	.235	5.97	.175	4.45
NSW0799	3/64	1.19	.344	8.74	7/64	.277	.189	4.80	.141	3.58
NSW0800	9/64	3.58	.344	8.74	1/16	1.59	.210	5.33	.170	4.32
NSW0801	3/8	9.53	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSW0802	1/16	1.59	.375	9.53	1/32	0.79	.195	4.95	.171	4.34
NSW0803	13/32	10.32	.510	12.95	1/16	1.59	.250	6.35	.171	4.34
NSW0804	.177	4.50	.355	9.02	.020	0.51	.315	8.00	.236	5.99
NSW0805	.283	7.19	.370	9.40	.067	1.70	.242	6.15	.195	4.95
NSW0806	.250	6.35	.344	8.74	.032	.081	.205	5.21	.173	4.39
NSW0807	.046	1.17	.359	9.12	.060	1.52	.300	7.62	.227	5.77
NSW0808	1/8	3.18	.375	9.53	1/16	1.59	.280	7.11	.201	5.10
NSW0809	5/32	3.97	.378	9.60	5/64	1.98	.194	4.92	.116	2.95
NSW0810	1/32	0.79	.375	9.53	1/16	1.59	.250	6.35	.171	4.34
NSW0811	3/64	1.19	.375	9.53	3/64	1.19	.245	6.22	.192	4.88
NSW0812	3/32	2.38	.375	9.53	1/32	0.79	.260	6.60	.220	5.59
NSW0813	7/64	2.77	.375	9.53	3/64	1.19	.195	4.95	.136	3.45
NSW0814	3/64	1.19	.375	9.53	5/64	1.98	.244	6.20	.150	3.81
NSW0815	3/32	2.38	.375	9.53	1/32	0.79	.185	4.70	.140	3.56
NSW0816	1/32	0.79	.375	9.53	1/32	0.79	.250	6.35	.169	4.29
NSW0817	3/64	1.19	.375	9.53	1/16	1.59	.218	5.54	.140	3.56
NSW0818	1/32	0.79	.375	9.53	1/16	1.59	.246	6.25	.167	4.24
NSW0819	1/16	1.59	.437	11.10	1/16	1.59	.313	7.95	.188	4.78
NSW0820	1/32	0.79	.375	9.53	1/16	1.59	.185	4.70	.140	3.56
NSW0821	1/32	0.79	.381	9.68	1/16	1.59	.308	7.82	.196	4.98
NSW0822	1/32	0.79	.374	9.50	1/32	0.79	.246	6.25	.141	3.58
NSW0823	.099	2.51	.375	9.53	.040	1.02	.250	6.35	.171	4.34
NSW0824	.050	1.27	3/8	9.53	.060	1.52	.245	6.22	.140	3.56
NSW0825	.060	1.52	.375	9.53	.030	0.76	.245	6.22	.145	3.68
NSW0826	.062	1.57	.500	12.70	1/16	1.59	.308	7.82	.196	4.98
NSW0827	.046	1.17	.375	9.53	.040	1.02	.250	6.35	.171	4.34
NSW0828	.125	3.18	.380	9.65	.065	1.65	.254	6.45	.196	4.98



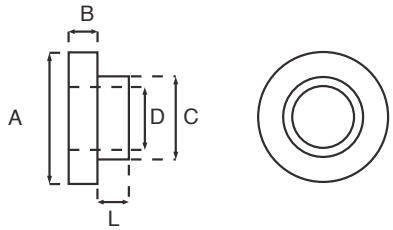
SHOULDER WASHER

NYLON SHOULDER WASHERS

NYLON SHOULDER WASHERS

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW0829	1/8	3.18	.370	9.40	.110	2.79	.307	7.80	.255	6.48
NSW0830	.032	0.81	.375	9.53	.062	1.57	.187	4.75	.147	3.73
NSW0831	.250	6.35	.375	9.53	.040	1.02	.250	6.35	.171	4.34
NSW0832	.043	1.09	.375	9.53	.035	0.76	.257	6.53	.193	4.90
NSW0833	.050	1.27	.375	9.53	.031	0.79	.243	6.17	.199	5.05
NSW0835	.050	1.27	.377	9.58	.050	1.27	.245	6.22	.155	3.94
NSW0837	.031	0.79	.375	9.53	.062	1.57	.187	4.75	.093	2.36
NSW0839	.050	1.27	.385	9.78	.030	0.76	.250	6.35	.169	4.29
NSW0840	13/64	5.16	.370	9.40	5/64	1.98	.145	3.68	.115	2.92
NSW0842	5/64	1.98	.375	9.53	7/32	5.55	.199	5.05	.140	3.56
NSW0844	3/64	1.19	.381	9.68	1/16	1.59	.185	4.70	.140	3.56
NSW0846	1/16	1.59	.375	9.53	3/32	2.38	.250	6.35	.140	3.56
NSW0847	.213	5.14	.375	9.53	1/16	1.59	.250	6.35	.197	5.00
NSW0848	1/32	0.79	.385	9.78	1/16	1.59	.240	6.10	.145	3.68
NSW0850	1/16	1.59	.375	9.53	3/32	2.38	.250	6.35	.138	3.51
NSW0852	3/32	2.38	.375	9.53	1/16	1.59	.248	6.30	.136	3.45
NSW0854	3/64	1.19	.375	9.53	1/16	1.59	.240	6.10	.194	4.93
NSW0855	7/64	2.77	.375	9.53	1/16	1.59	.240	6.10	.138	3.51
NSW0856	3/32	2.38	.375	9.53	1/64	0.41	.185	4.70	.140	3.56
NSW0857	5/32	3.97	.375	9.53	5/64	1.98	.193	4.90	.116	2.95
NSW0858	1/16	1.59	.375	9.53	1/16	1.59	.250	6.35	.145	3.68
NSW0859	9/64	3.58	.375	9.53	1/32	0.79	.245	6.22	.187	4.75
NSW0860	13/64	5.16	.380	9.65	1/16	1.59	.220	5.59	.148	3.76
NSW0861	1/8	3.18	.378	9.60	1/32	0.79	.255	6.48	.116	2.95
NSW0862	3/16	4.76	.390	9.91	5/64	1.98	.287	7.29	.196	4.98
NSW0863	5/64	1.98	.390	9.91	5/64	1.98	.313	7.95	.203	5.16
NSW0864	7/64	2.77	.395	10.03	5/64	1.98	.299	7.59	.230	5.84
NSW0865	.055	1.44	.380	9.65	.065	1.65	.254	6.45	.196	4.98
NSW0867	.046	1.17	.375	9.53	.040	1.02	.214	5.44	.141	3.58
NSW0868	.031	0.79	.375	9.53	.062	1.57	.312	7.92	.253	6.43
NSW0869	.207	5.26	.390	9.91	.062	1.57	.348	8.84	.312	7.92
NSW0870	1/8	3.18	.433	10.99	1/16	1.59	.312	7.92	.199	5.05
NSW0871	.130	3.30	.390	9.91	.062	1.57	.260	6.60	.200	5.08
NSW0872	.160	4.06	27/64	10.72	.050	1.27	9/32	7.15	.200	5.08
NSW0873	.126	3.20	.394	10.01	.039	0.99	.256	6.50	.221	5.61
NSW0874	.139	3.53	.390	9.91	.025	0.63	.303	7.70	.223	5.66
NSW0875	.300	7.62	.375	9.53	.050	1.27	.253	6.43	.125	3.18
NSW0876	.075	1.91	.390	9.91	.062	1.57	.260	6.60	.200	5.08
NSW0880	1/8	3.18	.400	10.16	1/8	3.18	.275	6.99	.140	3.56
NSW0882	9/32	7.14	.470	11.93	5/64	1.98	.312	7.92	.140	3.56
NSW0885	.100	2.54	.400	10.16	1/8	3.18	.275	6.99	.140	3.56
NSW0887	.187	4.75	.408	10.36	.062	1.57	.240	6.10	.197	5.00
NSW0888	3/64	1.19	.400	10.16	3/64	1.19	.243	6.17	.156	3.96
NSW0890	3/64	1.19	.415	10.54	5/32	3.97	.243	6.17	.141	3.58
NSW0894	1/16	1.59	.418	10.62	7/64	2.77	.243	6.17	.141	3.58
NSW0896	3/16	4.76	.408	10.36	1/16	1.59	.240	6.10	.220	5.59
NSW0900	1/32	0.79	.428	10.87	1/16	1.59	.245	6.22	.156	3.96

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW0901	.093	2.36	.437	11.10	.040	1.02	.375	9.53	.194	4.93
NSW0902	1/32	0.79	.437	11.10	1/16	1.59	.245	6.22	.156	3.96
NSW0903	.115	2.92	.432	10.97	.065	1.65	.256	6.50	.196	4.98
NSW0904	3/8	9.53	.437	11.10	1/16	1.59	.282	7.16	.225	5.72
NSW0905	1/16	1.59	.425	10.78	1/16	1.59	.310	7.87	.250	6.35
NSW0907	.026	0.66	.438	11.13	.094	2.39	.307	7.80	.253	6.43
NSW0908	3/32	2.38	.438	11.13	1/32	0.79	.267	6.78	.203	5.16
NSW0909	13/32	10.32	.493	12.52	3/32	2.38	.376	9.55	.176	4.47
NSW0910	.070	1.78	.443	11.25	.048	1.22	.285	7.24	.191	4.85
NSW0912	9/64	3.58	.432	10.97	1/32	0.79	.303	7.70	.196	4.98
NSW0914	.043	1.09	.440	11.18	.094	2.39	.312	7.92	.193	4.90
NSW0915	.138	3.51	.413	10.49	.315	8.00	.244	6.20	.217	5.51
NSW0916	3/16	4.76	.743	18.87	1/16	1.59	.437	11.10	.376	9.55
NSW0917	3/64	1.19	.428	10.87	1/8	3.18	.350	8.89	.308	7.82
NSW0918	3/64	1.19	.450	11.43	1/64	0.41	.310	7.87	.230	5.84
NSW0919	.060	1.52	.460	11.68	.030	0.76	.370	9.40	.260	6.60
NSW0920	.138	3.51	.413	18.87	.118	3.00	.244	6.20	.217	5.51
NSW0921	.236	5.99	.480	12.19	.079	2.01	.315	8.00	.240	6.10
NSW0925	3/64	1.19	.468	11.89	1/16	1.59	.248	6.30	.140	3.56
NSW0926	11/16	17.53	.498	12.64	1/16	1.59	.375	9.53	.254	6.45
NSW0930	7/32	5.55	.468	11.89	3/64	1.19	.375	9.53	.325	8.26
NSW0935	.187	4.75	.495	12.57	.065	1.65	.312	7.92	.200	5.08
NSW0940	.157	3.99	.483	12.27	.059	1.50	.315	8.00	.240	6.10
NSW0950	.157	3.99	.472	11.99	.181	4.60	.315	8.00	.205	5.21
NSW1001	3/8	9.53	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSW1002	3/32	2.38	.438	11.13	1/16	1.59	.267	6.78	.203	5.16
NSW1003	3/16	4.76	.745	18.92	1/32	0.79	.282	7.16	.234	5.94
NSW1004	9/64	3.58	.438	11.13	1/32	0.79	.250	6.35	.135	3.43
NSW1005	5/64	1.98	.464	11.79	1/64	0.41	.312	7.92	.255	6.48
NSW1006	11/64	4.37	.425	10.78	1/16	1.59	.377	9.58	.260	6.60
NSW1007	3/64	1.19	.437	11.10	3/64	1.19	.281	7.14	.201	5.11
NSW1008	3/64	1.19	.620	15.75	3/64	1.19	.312	7.92	.205	5.21
NSW1009	1/16	1.59	.740	18.80	1/32	0.79	.368	9.53	.320	8.13
NSW1010	3/64	1.19	.625	15.88	7/64	2.77	.375	9.53	.250	6.35
NSW1011	1/16	1.59	.675	17.14	3/32	2.38	.480	12.19	.257	6.53
NSW1012	1/8	3.18	.697	17.70	1/16	1.59	.359	9.12	.266	6.76
NSW1013	3/64	1.19	.688	17.48	1/32	0.79	5.43	13.79	.508	12.90
NSW1014	1/32	0.79	.437	11.10	1/32	0.79	.310	7.87	.253	6.43
NSW1015	3/64	1.19	.500	12.70	3/32	2.38	.275	6.99	.145	3.68
NSW1016	7/16	11.11	.500	12.70	1/8	3.18	.250	6.35	.167	4.24
NSW1017	1/16	1.59	.562	14.27	3/32	2.38	.375	9.53	.260	6.60
NSW1018	3/16	4.76	.625	15.88	1/16	1.59	.322	8.18	.255	6.48
NSW1019	3/64	1.19	.615	15.62	1/32	0.79	.310	7.87	.253	6.43
NSW1020	1/16	1.59	.640	16.26	1/16	1.59	.380	9.65	.195	4.95
NSW1021	3/64	1.19	.630	16.00	1/32	0.79	.248	6.30	.171	4.34
NSW1022	3/64	1.19	.625	15.88	1/16	1.59	.375	9.53	.190	4.83
NSW1023	3/64	1.19	.555	14.10	5/64	1.98	.300	7.62	.260	6.60

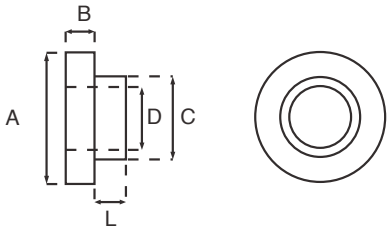


SHOULDER WASHER

NYLON SHOULDER WASHERS

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW1025	7/16	11.11	.562	14.28	1/16	1.59	.375	9.53	.255	6.48
NSW1026	1/32	0.79	.588	14.93	1/32	0.79	.253	6.43	.198	5.02
NSW1027	.500	12.70	.500	12.70	1/16	1.59	.365	9.27	.312	7.92
NSW1028	.249	6.32	.500	12.70	.062	1.57	.250	6.35	.189	4.80
NSW1030	3/32	2.38	.490	12.45	1/16	1.59	.281	7.14	.200	5.08
NSW1031	.050	1.27	.500	12.70	.062	1.57	.248	6.30	.194	4.93
NSW1032	1/32	0.79	.500	12.70	3/32	2.38	.250	6.35	.156	3.96
NSW1033	5/16	7.94	.500	12.70	1/16	1.59	.312	7.92	.200	5.08
NSW1034	1/32	0.79	.500	12.70	1/32	0.79	.312	7.92	.252	3.73
NSW1035	1/32	0.79	.500	12.70	1/16	1.59	.230	5.84	.147	3.73
NSW1036	1/64	0.41	.500	12.70	5/64	1.98	.250	6.35	.165	4.19
NSW1037	.047	1.19	.500	12.70	.125	3.17	.281	7.14	.219	5.56
NSW1040	3/32	2.38	.505	12.83	1/16	1.59	.343	8.71	.257	6.53
NSW1041	.335	8.51	.495	12.57	.050	1.27	.346	8.79	.260	6.60
NSW1045	3/16	4.76	.498	12.65	1/4	6.35	.310	7.87	.195	4.95
NSW1048	7/16	11.11	.500	12.70	1/16	1.59	.375	9.53	.250	6.35
NSW1050	5/32	3.97	.490	12.45	1/16	1.59	.250	6.35	.190	4.83
NSW1051	3/64	1.19	.441	11.20	1/16	1.59	.248	6.30	.194	4.93
NSW1052	5/32	3.97	.488	12.39	1/8	3.18	.250	6.35	.190	4.83
NSW1053	.170	4.32	.500	12.70	.125	3.17	.375	9.52	.257	6.53
NSW1054	9/64	3.58	.500	12.70	1/16	1.59	.345	8.76	.285	7.34
NSW1055	1/32	0.79	.495	12.57	1/32	0.79	.312	7.92	.260	6.60
NSW1057	3/32	2.38	.500	12.70	1/16	1.59	.312	7.92	.260	6.60
NSW1058	1/32	0.79	.490	12.45	1/32	0.79	.310	7.87	.193	4.90
NSW1059	.060	1.52	.500	12.70	.030	0.76	.365	9.27	.260	6.60
NSW1060	5/64	1.98	.492	12.50	1/32	0.79	.318	8.08	.265	6.73
NSW1061	5/32	3.97	.488	12.39	1/8	3.18	.250	6.35	.215	5.46
NSW1065	3/16	4.76	.513	13.03	1/16	1.59	.312	7.92	.175	4.45
NSW1070	5/64	1.98	.495	12.57	1/32	0.79	.318	8.08	.193	4.90
NSW1071	.253	6.43	.502	12.75	.187	4.75	.374	9.50	.318	8.08
NSW1075	1/4	6.35	.513	13.03	1/16	1.59	.370	9.40	.260	6.60
NSW1080	1/64	0.41	.500	12.70	1/32	0.79	.318	8.08	.141	3.58
NSW1082	3/64	1.19	.500	12.70	1/32	0.79	.318	8.08	.193	4.90
NSW1084	3/64	1.19	.500	12.70	1/32	0.79	.318	8.08	.141	3.58
NSW1086	1/16	1.59	.500	12.70	1/16	1.59	.330	8.38	.150	3.81
NSW1088	.109	2.77	.500	12.70	1/16	1.59	.240	6.10	.138	3.51
NSW1090	3/64	1.19	.518	13.16	1/32	0.79	.350	7.75	.080	2.03
NSW1092	.075	1.91	.500	12.70	.175	4.45	.300	7.62	.195	4.95
NSW1095	1/8	3.18	.502	12.75	1/32	0.79	.399	10.13	.349	8.86
NSW1098	9/64	3.58	.515	13.08	1/16	1.59	.312	7.92	.260	6.60
NSW1101	3/32	2.38	.500	12.70	1/32	0.79	.282	7.16	.234	5.94
NSW1115	.500	12.70	.525	15.88	.063	1.60	.370	9.40	.267	6.78
NSW1145	.030	0.76	.562	14.28	.030	0.76	.400	10.16	.318	8.08
NSW1150	3/64	1.19	.562	14.28	3/64	1.19	.300	7.62	.260	6.60
NSW1155	3/64	1.19	.562	14.28	.024	0.61	.370	9.40	.335	8.51
NSW1159	9/16	14.29	.550	13.97	1/16	1.59	.375	9.53	.255	6.48
NSW1160	1/16	1.59	.562	14.28	7/64	2.77	.365	9.27	.215	5.46

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW1162	27/64	10.72	.550	13.97	1/16	1.59	.375	9.53	.255	6.48
NSW1163	15/32	11.91	.550	13.97	1/16	1.59	.380	9.65	.247	6.27
NSW1164	1/32	0.79	.562	14.28	1/8	3.18	.312	7.93	.169	4.29
NSW1165	1/4	6.35	.551	13.99	1/16	1.59	.380	9.65	.248	6.30
NSW1170	3/8	9.53	.570	14.48	1/16	1.59	.470	11.94	.385	9.78
NSW1175	.783	19.89	.570	14.48	.039	0.99	.491	12.47	.413	10.49
NSW1176	.335	8.51	.545	13.84	.075	1.91	.316	8.03	.166	4.22
NSW1180	3/64	1.19	.578	14.68	1/16	1.59	.185	4.70	.140	3.56
NSW1200	3/64	1.19	.615	15.62	3/64	1.19	.315	8.00	.208	5.28
NSW1201	1/8	3.18	.620	15.75	3/8	9.53	.360	9.14	.320	8.13
NSW1204	.500	12.70	.600	15.24	.025	0.64	.485	12.32	.324	8.23
NSW1205	1/32	0.79	.620	15.75	3/64	1.19	.434	11.02	.383	9.73
NSW1210	1/32	0.79	.625	15.88	1/16	1.59	.405	10.29	.378	9.60
NSW1211	.139	3.53	.625	15.88	.066	1.68	.405	10.29	.320	8.13
NSW1215	.062	1.57	.625	15.88	1/32	0.79	.310	7.87	.195	4.95
NSW1217	.030	0.76	.625	15.88	.030	0.76	.447	12.12	.378	9.60
NSW1219	3/64	1.19	.625	15.88	1/16	1.59	.310	7.87	.172	4.37
NSW1220	3/4	19.05	.620	15.75	1/8	3.18	.400	10.60	.260	6.60
NSW1221	1/8	3.18	.630	16.00	1/16	1.59	.327	8.31	.260	6.60
NSW1222	1/32	0.79	.625	15.88	1/32	0.79	.448	11.37	.378	9.60
NSW1225	0.27	0.69	.625	15.88	.062	1.57	.248	6.30	.120	3.05
NSW1227	.210	5.33	.625	15.88	.058	1.47	.379	9.63	.263	6.68
NSW1228	.025	0.64	.625	15.88	.060	1.52	.219	5.56	.140	3.56
NSW1230	3/64	1.19	.550	13.97	5/64	1.98	.305	7.75	.260	6.60
NSW1232	.500	12.70	.625	15.88	1/16	1.59	.370	9.40	.316	8.03
NSW1233	.090	2.29	.625	15.88	.062	1.57	.311	7.90	.253	6.43
NSW1235	.150	3.81	.620	15.75	.060	1.52	.502	12.75	.316	8.03
NSW1240	3/16	4.76	.630	16.00	1/16	1.59	.375	9.53	.254	6.45
NSW2499	3/8	9.53	.513	13.03	1/16	1.59	.312	7.93	.191	4.85
NSW2501	3/8	9.53	.513	13.03	1/16	1.59	.312	7.93	.261	6.63
NSW2502	1/8	3.18	.467	11.86	3/64	1.19	.312	7.93	.255	6.48
NSW2503	1/32	0.79	.625	15.88	1/16	1.59	.375	9.53	.295	7.49
NSW2504	1/8	3.18	.687	17.45	1/8	3.18	.437	11.10	.328	8.33
NSW2505	1/32	0.79	.500	12.70	1/16	1.59	.312	7.93	.252	6.40
NSW2506	5/16	7.94	.625	15.88	1/16	1.59	.500	12.70	.380	9.65
NSW2507	1/8	3.18	.600	15.24	1/8	3.18	.370	7.93	.250	6.35
NSW2508	3/16	4.76	6.74	17.12	3/32	2.38	.500	12.70	.290	7.36
NSW2509	1-7/64	28.17	.635	16.13	9/64	3.58	.425	10.80	.201	5.11
NSW2510	3/8	9.53	.687	17.45	3/8	9.53	.359	9.12	.263	6.68
NSW2511	5/16	7.94	.625	15.88	1/16	1.59	.500	12.70	.395	10.03
NSW2512	.334	8.48	.687	17.45	.046	1.17	.348	8.84	.263	6.68
NSW2513	1/8	3.18	.703	17.86	1/16	1.59	.437	11.10	.335	8.51
NSW2515	.420	10.67	.710	18.03	.075	1.90	.470	11.94	.420	10.67
NSW2520	5/32	3.97	.725	18.41	5/32	3.97	.445	11.30	.375	9.53
NSW2521	5/32	3.97	.720	18.29	1/16	1.59	.485	12.32	.270	6.86
NSW2525	11/32	3.43	.730	18.54	1/4	6.35	.375	9.53	.257	6.52
NSW2528	3/16	4.76	.743	18.87	1/16	1.59	.443	11.25	.375	9.53



SHOULDER WASHER

NYLON SHOULDER WASHERS

NYLON SHOULDER WASHERS

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW2531	5/16	7.94	.743	18.87	5/64	1.98	.502	12.75	.383	9.72
NSW2532	.155	3.94	.745	18.92	.100	2.54	.545	13.84	.391	9.93
NSW2533	.375	9.52	.750	19.05	.375	9.52	.594	15.09	.380	9.65
NSW2534	.187	4.75	.745	18.92	.031	0.79	.282	7.16	.234	5.94
NSW2539	11/32	3.43	.740	18.80	3/32	2.38	.375	9.53	.266	6.76
NSW2540	1/8	3.18	.740	18.80	3/32	2.38	.371	9.42	.266	6.76
NSW2541	5/64	1.98	.750	19.05	3/32	2.38	.380	9.65	.266	6.76
NSW2542	3/64	1.19	.750	19.05	3/16	4.76	.500	12.70	.430	10.92
NSW2543	.770	19.56	.750	19.05	.095	2.41	.490	12.45	.190	4.83
NSW2544	1.00	25.40	.750	19.05	.095	2.41	.375	9.53	.265	6.73
NSW2545	.100	2.54	.750	19.05	.086	2.18	.500	12.70	.250	6.35
NSW2550	1/16	1.59	.734	18.64	1/8	3.18	.488	12.40	.250	6.35
NSW2551	3/64	1.19	.753	19.12	5/64	1.98	.409	10.38	.258	6.55
NSW2552	7/64	2.77	.743	18.87	3/32	2.38	.500	12.70	.375	9.53
NSW2553	5/16	7.94	.750	19.05	5/64	1.98	.500	12.70	.370	9.39
NSW2554	3/64	1.19	.735	18.67	3/16	4.76	.490	12.45	.435	11.05
NSW2555	.098	2.49	.747	18.87	.079	2.01	.482	12.24	.358	9.09
NSW2556	3/16	4.76	.750	19.05	1/16	1.59	.500	12.70	.375	9.53
NSW2557	23/64	10.00	.748	18.99	1/8	3.18	.504	12.80	.384	9.75
NSW2558	1/8	3.18	.750	19.05	1/16	1.59	.500	12.70	.375	9.53
NSW2560	3/64	1.19	.750	19.05	1/32	0.79	.371	9.42	.253	6.43
NSW2561	27/64	10.72	.750	19.05	11/64	4.37	.434	11.02	.312	7.93
NSW2562	1/4	3.38	.755	19.17	5/64	1.98	.505	12.83	.378	9.60
NSW2563	3/32	1.19	.750	19.05	1/8	3.18	.375	9.53	.265	6.73
NSW2564	1/4	3.38	.750	19.05	1/16	1.59	.250	6.35	.150	3.81
NSW2566	15/32	11.90	.740	18.80	5/32	3.97	.375	9.53	.250	6.35
NSW2568	3/64	1.19	.750	19.05	1/32	0.79	.341	8.66	.253	6.43
NSW2570	11/16	17.46	.740	18.80	9/64	3.58	.385	9.78	.260	6.60
NSW2571	.320	8.13	.750	19.05	.030	0.76	.580	14.73	.517	13.13
NSW2575	51/64	20.24	.750	19.05	3/32	2.38	.315	8.01	.190	4.83
NSW2576	1/32	0.76	.750	19.05	1/32	0.79	.500	12.70	.219	5.56
NSW2578	3/16	4.76	.750	19.05	1/16	1.59	.625	15.88	.510	12.95
NSW2580	5/16	7.94	.745	18.92	1/32	0.79	.560	14.22	.500	12.70
NSW2585	1/4	3.38	.740	18.80	.500	12.70	.605	15.37	.380	9.65
NSW2586	1/4	3.38	.750	19.05	1/8	3.18	.500	12.70	.281	7.14
NSW2590	.018	0.46	.745	18.92	.085	2.16	.305	7.75	.200	5.08
NSW3001	1/8	3.18	.693	17.60	1/16	1.59	.437	11.10	.328	8.33
NSW3002	3/64	1.19	.750	19.05	3/64	1.19	.375	9.53	.323	8.20
NSW3003	7/32	5.55	.750	19.05	3/32	2.38	.380	9.65	.266	6.76
NSW3004	1/16	1.59	.750	19.05	3/32	2.38	.359	9.12	.152	3.86
NSW3005	5/32	3.97	.750	19.05	1/32	0.79	.498	12.64	.378	9.60
NSW3006	1/32	0.79	.750	19.05	1/8	3.18	.500	12.70	.375	9.53
NSW3007	1/16	1.59	.750	19.05	1/8	3.18	.500	12.70	.375	9.53
NSW3008	1/16	1.59	.745	18.92	1/32	0.79	.375	9.53	.320	8.13
NSW3009	3/64	1.19	.760	19.30	5/64	1.98	.410	10.41	.258	6.55
NSW3010	.027	0.68	.745	18.92	1/32	0.79	.310	7.87	.257	6.53
NSW3012	.395	10.03	.740	18.80	.062	1.57	.430	10.92	.322	8.18
NSW3015	1.01	25.53	.752	19.10	.060	1.52	.505	12.83	.320	8.13
NSW3016	.050	1.27	.745	18.92	1/16	1.59	.556	14.12	.515	13.08
NSW3017	5/32	3.97	.755	19.18	.500	12.70	.510	12.95	.385	9.78
NSW3020	.305	7.75	.740	18.80	.130	3.30	.495	12.57	.219	5.56
NSW3021	.440	11.18	.745	18.92	1/16	1.59	.495	12.57	.390	9.91
NSW3030	.252	6.40	.780	19.81	.079	2.01	.392	9.96	.250	6.35

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSW3100	.325	8.26	.825	20.96	.060	1.52	.435	11.05	.310	7.87
NSW3101	1/32	0.79	.750	19.05	1/16	1.59	.375	9.53	.260	6.60
NSW3102	.500	12.70	.825	20.96	1/16	1.59	.620	15.75	.520	13.21
NSW3103	.500	12.70	.872	22.14	1/8	3.18	.617	15.67	.335	8.51
NSW3150	1.00	25.40	.875	22.23	1/16	1.59	.500	12.70	.375	9.53
NSW3151	3/8	9.53	7/8	22.22	1/8	3.18	.633	16.08	.510	12.95
NSW3155	3/8	9.53	.875	22.23	1/8	3.18	.630	16.00	.440	11.18
NSW3160	.500	12.70	.875	22.23	1/16	1.59	.750	19.05	.635	16.13
NSW3165	3/8	9.53	.875	22.23	1/8	3.18	.620	15.75	.250	6.35
NSW3200	3/16	4.76	.995	25.27	1/8	3.18	.792	20.12	.695	17.65
NSW3205	5/8	15.88	.995	25.27	1/8	3.18	.787	19.99	.695	17.65
NSW3210	1.00	25.40	.995	25.27	1/8	3.18	.788	20.02	.695	17.65
NSW3500	3/16	4.76	.750	19.05	1/16	1.59	.498	12.64	.378	9.60
NSW3501	7/64	2.77	.750	19.05	3/32	2.38	.577	14.66	.390	9.91
NSW3502	27/64	10.72	.790	20.07	3/64	1.19	.625	15.88	.550	13.97
NSW3503	13/16	8.12	.625	15.88	1/8	3.18	.375	9.53	.255	6.47
NSW3504	13/16	8.12	.625	15.88	1/8	3.18	.375	9.53	.260	6.60
NSW3507	.250	6.35	.830	21.08	.100	2.54	.452	11.18	.253	6.43
NSW3510	13/32	10.32	.825	10.96	3/32	2.38	.445	11.30	.306	7.77
NSW3511	13/64	5.16	.880	22.35	3/64	1.19	.750	19.05	.617	15.67
NSW3512	.935	23.75	.872	22.15	.110	2.79	.497	12.69	.385	9.78
NSW3520	17/32	13.49	.945	24.03	5/64	1.98	.470	11.93	.406	10.31
NSW3562	1/4	6.35	.980	24.89	1/8	3.18	.556	14.12	.380	9.65
NSW3580	9/16	14.29	1.25	31.75	3/64	1.19	1.00	25.40	.559	14.20
NSW3600	.660	16.76	1.01	25.65	.160	4.06	.600	15.24	.260	6.60
NSW3601	3/16	4.76	1.00	25.40	1/4	6.35	.435	11.05	.325	8.26
NSW3602	1/32	0.79	1.00	25.40	3/32	2.38	.616	15.65	.515	13.08
NSW3603	.050	1.27	1.01	25.53	.070	1.78	.500	12.70	.453	11.51
NSW3605	5/16	7.94	1.01	25.53	1/16	1.59	.500	12.70	.375	9.53
NSW3606	.330	8.38	1.00	25.40	.040	1.02	.625	15.87	.515	13.08
NSW3610	9/16	14.29	1.00	25.40	1/16	1.59	.500	12.70	.382	9.70
NSW3615	3/4	19.05	1.00	25.40	1/8	3.18	.500	12.70	.375	9.53
NSW3650	7/64	2.77	1.00	25.40	5/64	1.98	.770	19.56	.508	12.90
NSW3680	1/16	1.59	1.00	25.40	1/16	1.59	.298	7.57	.203	5.16
NSW3685	1/16	1.59	1.06	27.02	1/16	1.59	.787	19.99	.612	15.54
NSW3686	.281	7.14	1.11	28.07	.092	2.34	.718	18.24	.515	13.08
NSW3690	7/16	11.11	1.125	28.58	3/32	2.38	.700	17.78	.510	12.95
NSW3691	.060	1.52	1.16	29.46	.128	3.25	.495	12.57	.377	9.58
NSW4001	3/32	2.38	1.125	28.58	1/16	1.59	.740	18.80	.515	13.08
NSW4002	3/32	2.38	1.23	31.24	1/16	1.59	.980	24.89	.510	12.95
NSW4003	9/32	7.14	1.11	28.07	1/8	3.18	.752	19.10	.515	13.08
NSW4004	.500	12.70	1.245	31.69	1/8	3.18	.875	22.23	.627	15.92
NSW4005	13/32	10.32	1.25	31.80	1/16	1.59	.600	15.24	.538	13.66
NSW4006	13/32	10.32	1.25	31.77	1/16	1.59	.528	13.41	.471	11.96
NSW4007	13/64	5.16	1.74	44.17	13/64	5.16	1.10	27.81	.345	11.04
NSW4008	11/32	8.71	1.25	31.75	5/32	3.97	.995	25.27	.885	22.48
NSW4009	.750	19.05	1.125	28.57	1/16	1.59	7/16	11.11	5/16	7.94
NSW4010	3/32	2.38	1.25	31.75	1/16	1.59	.930	23.62	.562	14.27
NSW4011	.094	2.39	1.25	31.75	.062	1.57	.989	25.12	.562	14.27
NSW4012	.060	1.52	1.65	41.91	.060	1.52	1.38	35.05	1.125	28.58
NSW4013	5/8	15.88	1.75	44.45	1/8	3.18	1.375	34.93	1.02	25.78
NSW5001	.500	12.70	2.07	52.45	1/8	3.18	1.05	26.67	.806	20.42
NSW5009	45/64	7.03	2.11	53.62	1/8	3.18	.603	15.31	.270	6.85

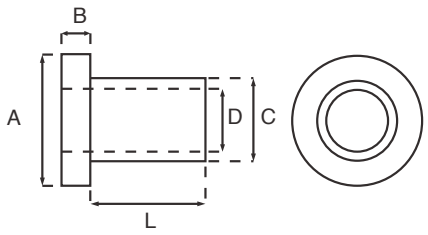
NYLON SCREW INSULATORS

Screw Insulators

Isolate metal screws electrically, reduce corrosion.

Screw insulators may also be used as light load bearings
in many applications.

Specify screw size and length when ordering.

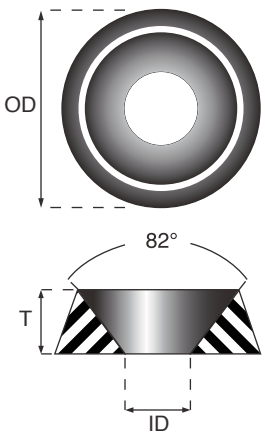


SCREW INSULATOR

PART NUMBER	L		A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
NSI002012	1/8	3.18	.181	4.60	3/64	1.19	.120	3.05	.090	2.29
NSI002018	3/16	4.76	.181	4.60	3/64	1.19	.120	3.05	.090	2.29
NSI002025	1/4	6.35	.181	4.60	3/64	1.19	.120	3.05	.090	2.29
NSI002037	3/8	9.53	.181	4.60	3/64	1.19	.120	3.05	.090	2.29
NSI004003	1/32	0.79	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004004	3/64	1.19	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004006	1/16	1.59	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004009	3/32	2.38	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004012	1/8	3.18	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004015	5/32	3.97	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004018	3/16	4.76	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004025	1/4	6.35	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004037	3/8	9.53	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI004050	1/2	12.70	.235	5.97	3/64	1.19	.145	3.68	.115	2.92
NSI006004	3/64	1.19	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006006	1/16	1.59	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006009	3/32	2.38	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006012	1/8	3.18	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006015	5/32	3.97	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006018	3/16	4.76	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006025	1/4	6.35	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006037	3/8	9.53	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI006050	1/2	12.70	.290	7.37	3/64	1.19	.170	4.32	.140	3.56
NSI008012	1/8	3.18	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSI008014	9/64	3.58	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSI008025	1/4	6.35	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSI008037	3/8	9.53	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSI008050	1/2	12.70	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSI008062	5/8	15.88	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSI008075	3/4	19.05	.344	8.74	1/16	1.59	.205	5.21	.173	4.39
NSI010006	1/16	1.59	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010014	9/64	3.58	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010018	3/16	4.76	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010025	1/4	6.35	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010037	3/8	9.53	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010050	1/2	12.70	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010056	9/16	14.29	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010062	5/8	15.88	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI010075	3/4	19.05	.399	10.13	1/16	1.59	.260	6.60	.200	5.08
NSI050012	1/8	3.18	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI050014	9/64	3.58	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI050018	3/16	4.76	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI050025	1/4	6.35	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI050037	3/8	9.53	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI050050	1/2	12.70	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI050062	5/8	15.88	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI050075	3/4	19.05	.513	13.03	1/16	1.59	.312	7.92	.260	6.60
NSI012012	1/8	3.18	.620	15.75	1/16	1.59	.360	9.14	.320	8.13
NSI012025	1/4	6.35	.620	15.75	1/16	1.59	.360	9.14	.320	8.13
NSI012037	3/8	9.53	.620	15.75	1/16	1.59	.360	9.14	.320	8.13
NSI012050	1/2	12.70	.620	15.75	1/16	1.59	.360	9.14	.320	8.13
NSI012062	5/8	15.88	.620	15.75	1/16	1.59	.360	9.14	.320	8.13

NYLON FINISHING WASHERS

MOULDED NYLON FINISHING WASHERS



PART NUMBER	ID	OD	T
NFW6	.143 (3.63)	.437 (11.10)	.100 (2.54)
NFW8	.171 (4.34)	.510 (12.95)	.115 (2.92)
NFW10	.191 (4.85)	.580 (14.73)	.152 (3.86)
NFW12	.225 (5.75)	.609 (15.47)	.160 (4.06)
NFW25	.260 (6.61)	.683 (17.35)	.180 (4.57)

Moulded Nylon Finishing Washers

These washers protect cabinets from scratching, cover misaligned holes, etc.

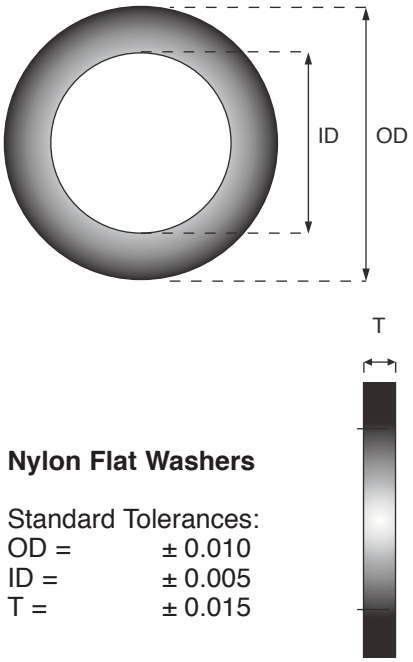
May also be used as glides, bumpers, feet, and spacers.

Available in Natural or Black Nylon

Minimum order: 1,000

NYLON FLAT WASHERS

NYLON FLAT WASHERS - STANDARD TOLERANCES



Nylon Flat Washers

Standard Tolerances:
OD = ± 0.010
ID = ± 0.005
T = ± 0.015

These washers are made to be used with standard screw sizes #2 up to 1/2. They come in the four most popular thickness', from 1/32 up to 1/8.

Minimum order: 1,000

PART NUMBER	ID	OD	T
NFW2-032	.090 (2.29)	.250 (6.35)	.032 (0.81)
NFW2-062	.090 (2.29)	.250 (6.35)	.062 (1.58)
NFW2-093	.090 (2.29)	.250 (6.35)	.093 (2.36)
NFW2-125	.090 (2.29)	.250 (6.35)	.125 (3.18)
NFW4-032	.115 (2.92)	.250 (6.35)	.032 (0.81)
NFW4-062	.115 (2.92)	.250 (6.35)	.062 (1.58)
NFW4-093	.115 (2.92)	.250 (6.35)	.093 (2.36)
NFW4-125	.115 (2.92)	.250 (6.35)	.125 (3.18)
NFW6-032	.140 (3.56)	.312 (7.94)	.032 (0.81)
NFW6-062	.140 (3.56)	.312 (7.94)	.062 (1.58)
NFW6-093	.140 (3.56)	.312 (7.94)	.093 (2.36)
NFW6-125	.140 (3.56)	.312 (7.94)	.125 (3.18)
NFW8-032	.171 (4.34)	.375 (9.53)	.032 (0.81)
NFW8-062	.171 (4.34)	.375 (9.53)	.062 (1.58)
NFW8-093	.171 (4.34)	.375 (9.53)	.093 (2.36)
NFW8-125	.171 (4.34)	.375 (9.53)	.125 (3.18)
NFW10-032	.194 (4.93)	.375 (9.53)	.032 (0.81)
NFW10-062	.194 (4.93)	.375 (9.53)	.062 (1.58)
NFW10-093	.194 (4.93)	.375 (9.53)	.093 (2.36)
NFW10-125	.194 (4.93)	.375 (9.53)	.125 (3.18)
NFW250-032	.257 (6.53)	.500 (12.7)	.032 (0.81)
NFW250-062	.257 (6.53)	.500 (12.7)	.062 (1.58)
NFW250-093	.257 (6.53)	.500 (12.7)	.093 (2.36)
NFW250-125	.257 (6.53)	.500 (12.7)	.125 (3.18)
NFW312-032	.317 (8.05)	.500 (12.7)	.032 (0.81)
NFW312-062	.317 (8.05)	.500 (12.7)	.062 (1.58)
NFW312-093	.317 (8.05)	.500 (12.7)	.093 (2.36)
NFW312-125	.317 (8.05)	.500 (12.7)	.125 (3.18)
NFW375-032	.380 (9.65)	.625 (15.88)	.032 (0.81)
NFW375-062	.380 (9.65)	.625 (15.88)	.062 (1.58)
NFW375-093	.380 (9.65)	.625 (15.88)	.093 (2.36)
NFW375-125	.380 (9.65)	.625 (15.88)	.125 (3.18)
NFW437-032	.443 (11.25)	.750 (19.05)	.032 (0.81)
NFW437-062	.443 (11.25)	.750 (19.05)	.062 (1.58)
NFW437-093	.443 (11.25)	.750 (19.05)	.093 (2.36)
NFW437-125	.443 (11.25)	.750 (19.05)	.125 (3.18)
NFW500-032	.505 (12.83)	.750 (19.05)	.032 (0.81)
NFW500-062	.505 (12.83)	.750 (19.05)	.062 (1.58)
NFW500-093	.505 (12.83)	.750 (19.05)	.093 (2.36)
NFW500-125	.505 (12.83)	.750 (19.05)	.125 (3.18)

NYLON FLAT WASHERS

NYLON FLAT WASHERS - RETAINING WASHERS

PART NUMBER	ID	RETAINING DIAMETER R	OD	T
NFWR2-032	.078 (1.98)	.115 (2.92)	13/64 (5.16)	.031 (0.79)
NFWR2-062	.078 (1.98)	.115 (2.92)	13/64 (5.16)	.062 (1.58)
NFWR4-032	.102 (2.59)	.156 (3.96)	17/64 (6.75)	.031 (0.79)
NFWR4-062	.102 (2.59)	.156 (3.96)	17/64 (6.75)	.062 (1.58)
NFWR6-032	.128 (3.25)	.198 (5.03)	21/64 (8.33)	.031 (0.79)
NFWR6-062	.128 (3.25)	.198 (5.03)	21/64 (8.33)	.062 (1.58)
NFWR8-032	.152 (3.86)	.235 (5.97)	25/64 (9.92)	.031 (0.79)
NFWR8-062	.152 (3.86)	.235 (5.97)	25/64 (9.92)	.062 (1.58)
NFWR10-032	.177 (4.50)	.277 (7.04)	29/64 (11.51)	.031 (0.79)
NFWR10-062	.177 (4.50)	.277 (7.04)	29/64 (11.51)	.062 (1.58)
NFWR250-032	.234 (5.94)	.375 (9.53)	19/32 (15.08)	.031 (0.79)
NFWR250-062	.234 (5.94)	.375 (9.53)	19/32 (15.08)	.062 (1.58)
NFWR312-032	.292 (7.42)	.470 (11.94)	47/64 (18.65)	.031 (0.79)
NFWR312-062	.292 (7.42)	.470 (11.94)	47/64 (18.65)	.062 (1.58)
NFWR375-032	.350 (8.89)	.564 (14.33)	57/64 (22.62)	.031 (0.79)
NFWR375-062	.350 (8.89)	.564 (14.33)	57/64 (22.62)	.062 (1.58)
NFWR437-032	.410 (10.41)	.570 (14.48)	1-1/32 (26.19)	.031 (0.79)
NFWR437-062	.410 (10.41)	.570 (14.48)	1-1/32 (26.19)	.062 (1.58)
NFWR500-032	.468 (11.89)	.690 (17.53)	1-1/8 (28.58)	.031 (0.79)
NFWR500-062	.468 (11.89)	.690 (17.53)	1-1/8 (28.58)	.062 (1.58)

Retaining Washers

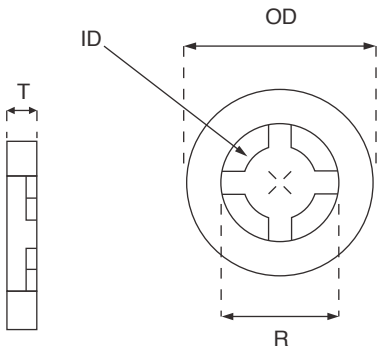
Similar to our standard flat washers, but with a specially configured inside diameter designed to grip the outside of the screw shank.

The washer slides on the screw easily, but is retained on the screw.

For use in applications requiring pre-assembly of the screw and washer to reduce final assembly cost.

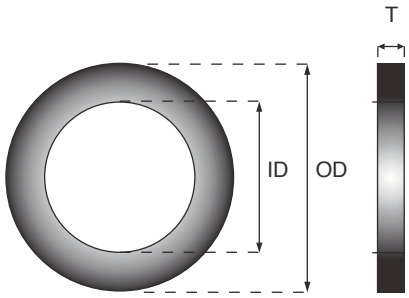
Other sizes may be tooled on request.

Minimum order: 1,000



NYLON FLAT WASHERS
PROTECTIVE BUMPERS

NYLON FLAT WASHERS - METRIC



Metric Washers

Minimum order: 1,000

PART NUMBER	ID (mm)	OD (mm)	T (mm)
NFW2	2.15	5.00	.080
NFW2.5	2.65	5.60	.080
NFW3	3.20	8.00	.080
NFW3.5	3.70	8.00	.080
NFW4	4.30	9.00	.080
NFW5	5.30	11.00	1.00
NFW6	6.40	12.00	1.50
NFW8	8.40	18.00	2.00
NFW8.5	8.50	25.00	2.00
NFW10	10.50	22.00	2.50

PROTECTIVE PRODUCTS (BUMPERS)

PART NUMBER	SHAPE	COLOUR	HEIGHT		DIAMETER		DIE CUT METHOD	CASE QTY
			in	mm	in	mm		
SJ-5001	CYCLINDRICAL	BLACK	0.14	3.56	0.50	12.7	KISS CUT PADS - 40	3,000
SJ-5003	HEMISPHERICAL	WHITE, GREY, BROWN, BLACK	0.20	5.1	0.44	11.2	KISS CUT PADS - 58	3,000
SJ-5007	TAPERED SQUARE	BLACK	0.10	2.5	0.40	10.2	KISS CUT PADS - 108	3,000
SJ-5008	TAPERED SQUARE	WHITE, GREY, BROWN, BLACK	0.12	3.1	0.50	12.7	KISS CUT PADS - 108	3,000
SJ-5009	HEMISPHERICAL	WHITE, GREY, BROWN, BLACK	0.40	10.2	0.88	22.4	KISS CUT PADS - 24	1,000
SJ-5012	CYCLINDRICAL	WHITE, GREY, BROWN, BLACK	0.14	3.56	0.50	12.7	KISS CUT PADS - 56	3,000
SJ-5014	CYCLINDRICAL: TRUNCATED CONE	WHITE, GREY, BROWN, BLACK	0.52	13.2	0.81	20.6	4X1 PERFORATED MATRIX	1,000
SJ-5017	HEMISPHERICAL	WHITE, GREY, BROWN, BLACK	0.38	9.7	0.75	19.0	KISS CUT PADS - 40	1,000
SJ-5018	TAPERED SQUARE	WHITE, GREY, BROWN, BLACK	0.23	5.8	0.50	12.7	KISS CUT PADS - 80	3,000
SJ-5023	TAPERED SQUARE	WHITE, GREY, BROWN, BLACK	0.30	7.6	0.81	20.6	KISS CUT PADS - 36	1,000
SJ-5027	HEMISPHERICAL	WHITE, GREY, BROWN, BLACK	0.31	7.9	0.63	16.0	KISS CUT PADS - 40	1,000
SJ-5302	HEMISPHERICAL	TRANSPARENT	0.085	2.16	0.312	7.9	KISS CUT PADS - 144	3,000
SJ-5303	HEMISPHERICAL	TRANSPARENT	0.20	5.1	0.44	11.2	KISS CUT PADS - 56	3,000
SJ-5306	HEMISPHERICAL	TRANSPARENT	0.15	3.8	0.375	9.5	KISS CUT PADS - 54	3,000
SJ-5312	HEMISPHERICAL	TRANSPARENT	0.14	3.56	0.50	12.7	KISS CUT PADS - 56	3,000
SJ-5508	TAPERED SQUARE	WHITE, GREY, BROWN, BLACK	0.12	3.1	0.50	12.7	8X1 PERFORATED MATRIX	3,000
SJ-5518	TAPERED SQUARE	WHITE, GREY, BROWN, BLACK	0.23	5.8	0.50	12.7	8X1 PERFORATED MATRIX	3,000
SJ-5523	TAPERED SQUARE	WHITE, GREY, BROWN, BLACK	0.30	7.6	0.81	20.6	4X1 PERFORATED MATRIX	1,000
SJ-5532	CIRCULAR DEPRESSED	WHITE, GREY, BROWN, BLACK	0.66	16.8	1.88	47.8	4X1 PERFORATED MATRIX	100
SJ-5705	TAPERED SQUARE	BLACK	0.24	6.1	1.25	31.8	SEPERATE PARTS	1,000
SJ-5744	CYCLINDRICAL	BLACK	0.16	4.06	0.75	19.1	KISS CUT PADS - 40	2,600

NYLON SCREW ANCHORS
NYLON HOSE CLAMPS

NYLON SCREW ANCHORS (WALL PLUGS)

PART NUMBER	SCREW SIZE	HOLE SIZE	LENGTH
WA210875	#6-8	3/16 (4.76)	7/8 (22.23)
WA281700	#10-12	1/4 (6.35)	1-1/16 (26.99)
WA351385	#14-16	5/16 (7.94)	1-3/8 (34.93)

Nylon Screw Anchors (Wall Anchors)

Multi-use, light duty nylon anchor for use with sheet metal or wood screws.

For use in wood, concrete, tile, brick or sheet metal.

The expanded rim prevents the loss of the wall plugs inside the hole. Non-twist fins keep them firmly in place and stop rotation.

Anchors can be colour-coded for size identification.

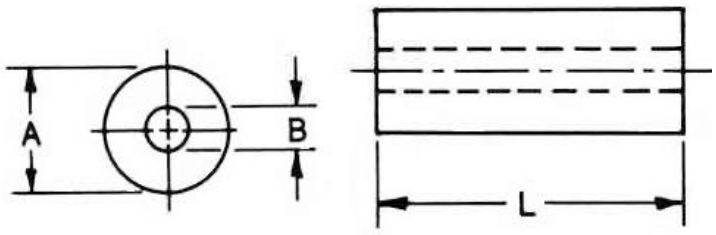
WALL PLUG MOUNTS

PART NUMBER	MEASUREMENTS (mm)					
	H	H1	W	L	L1	L2
WPM-01	37	6.3	10	12.7	9.7	12.5
WPM-02	36.2	13	10	12.9	9.7	12.4

NYLON HOSE CLAMPS

PART NUMBER	MAXIMUM WIRE DIAMETER	CLAMPING RANGE
NHC0344	11/32 (8.73)	.360 - .406 (9.14 - 10.31)
NHC0406	13/32 (10.32)	.406 - .468 (10.31 - 11.89)
NHC0468	15/32 (11.91)	.475 - .532 (12.07 - 13.51)
NHC0531	17/32 (13.49)	.538 - .608 (13.67 - 15.44)
NHC0593	19/32 (15.08)	.597 - .665 (15.16 - 16.89)
NHC0750	3/4 (19.05)	.740 - .850 (18.8 - 21.59)
NHC0953	61/64 (24.21)	.953 - 1.085 (24.21 - 27.56)
NHC1031	1-1/32 (26.19)	1.031 - 1.168 (26.19 - 29.67)
NHC1250	1-1/4 (31.75)	1.250 - 1.425 (31.75 - 36.2)
NHC1406	1-13/32 (35.72)	1.406 - 1.610 (35.71 - 40.89)
NHC1593	1-19/32 (40.48)	1.593 - 1.812 (40.46 - 46.02)
NHC1687	1-11/16 (42.86)	1.790 - 2.11 (45.47 - 53.59)
NHC1875	1-7/8 (47.63)	1.870 - 2.125 (47.5 - 53.97)
NHC2125	2-1/8 (53.98)	2.120 - 2.390 (53.85 - 60.71)

STANDARD NYLON SPACERS



Standard Nylon Spacers

Tough and resilient, nylon spacers are useful for many applications. They are ideal for use in electrical and electronic assemblies. They also can be used as bushings, bearing, rollers, and glides. Molded from corrosion resistant Type 6/6 Nylon.

***All standard nylon spacers can be tapped two thread sizes larger than screw size listed.**

ITEM NUMBER	A		B		L		SCREW SIZE
	IN	MM	IN	MM	IN	MM	
13SP000	1/8	3.18	0.063	1.60	0.1875	4.76	1
13SP001	3/16	4.76	0.091	2.31	0.125	3.18	2
13SP002	3/16	4.76	0.115	2.92	0.125	3.18	4
13SP003	3/16	4.76	0.091	2.31	0.1875	4.76	2
13SP004	3/16	4.76	0.115	2.92	0.1875	4.76	4
13SP005	3/16	4.76	0.091	2.31	0.25	6.35	2
13SP006	3/16	4.76	0.115	2.92	0.25	6.35	4
13SP007	3/16	4.76	0.091	2.31	0.3125	7.94	2
13SP008	3/16	4.76	0.115	2.92	0.3125	7.94	4
13SP009	3/16	4.76	0.091	2.31	0.375	9.53	2
13SP010	3/16	4.76	0.115	2.92	0.375	9.53	4
13SP011	3/16	4.76	0.091	2.31	0.4375	11.11	2
13SP012	3/16	4.76	0.115	2.92	0.4375	11.11	4
13SP013	3/16	4.76	0.091	2.31	0.5	12.70	2
13SP014	3/16	4.76	0.115	2.92	0.5	12.70	4
13SP015	3/16	4.76	0.091	2.31	0.5625	14.29	2
13SP016	3/16	4.76	0.115	2.92	0.5625	14.29	4
13SP017	3/16	4.76	0.091	2.31	0.625	15.88	2
13SP018	3/16	4.76	0.115	2.92	0.625	15.88	4
13SP019	3/16	4.76	0.091	2.31	0.6875	17.46	2
13SP020	3/16	4.76	0.115	2.92	0.6875	17.46	4
13SP021	3/16	4.76	0.091	2.31	0.75	19.05	2
13SP022	3/16	4.76	0.115	2.92	0.75	19.05	4
13SP023	3/16	4.76	0.091	2.31	0.8125	20.64	2
13SP024	3/16	4.76	0.115	2.92	0.8125	20.64	4
13SP025	3/16	4.76	0.091	2.31	0.875	22.22	2
13SP026	3/16	4.76	0.115	2.92	0.875	22.22	4
13SP027	3/16	4.76	0.091	2.31	0.9375	23.81	2
13SP028	3/16	4.76	0.115	2.92	0.9375	23.81	4
13SP029	3/16	4.76	0.091	2.31	1.00	25.40	2
13SP030	3/16	4.76	0.115	2.92	1.00	25.40	4
13SP031	1/4	6.35	0.091	2.31	0.125	3.18	2
13SP032	1/4	6.35	0.115	2.92	0.125	3.18	4
13SP033	1/4	6.35	0.14	3.56	0.125	3.18	6
13SP034	1/4	6.35	0.171	4.34	0.125	3.18	8
13SP035	1/4	6.35	0.091	2.31	0.1875	4.76	2
13SP036	1/4	6.35	0.115	2.92	0.1875	4.76	4
13SP037	1/4	6.35	0.14	3.56	0.1875	4.76	6
13SP038	1/4	6.35	0.171	4.34	0.1875	4.76	8
13SP039	1/4	6.35	0.091	2.31	0.25	6.35	2
13SP040	1/4	6.35	0.115	2.92	0.25	6.35	4
13SP041	1/4	6.35	0.14	3.56	0.25	6.35	6
13SP042	1/4	6.35	0.171	4.34	0.25	6.35	8
13SP043	1/4	6.35	0.091	2.31	0.3125	7.94	2
13SP044	1/4	6.35	0.115	2.92	0.3125	7.94	4
13SP045	1/4	6.35	0.14	3.56	0.3125	7.94	6
13SP046	1/4	6.35	0.171	4.34	0.3125	7.94	8
13SP047	1/4	6.35	0.091	2.31	0.375	9.53	2
13SP048	1/4	6.35	0.115	2.92	0.375	9.53	4

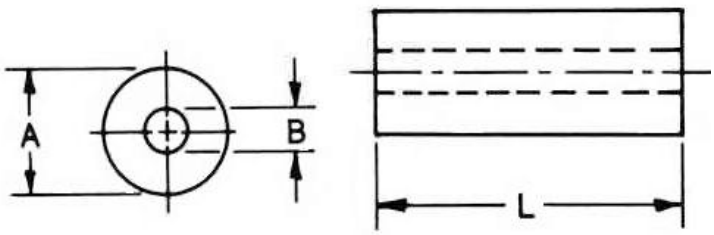
ITEM NUMBER	A		B		L		SCREW SIZE
	IN	MM	IN	MM	IN	MM	
13SP049	1/4	6.35	0.14	3.56	0.375	9.53	6
13SP050	1/4	6.35	0.171	4.34	0.375	9.53	8
13SP051	1/4	6.35	0.091	2.31	0.4375	11.11	2
13SP052	1/4	6.35	0.115	2.92	0.4375	11.11	4
13SP053	1/4	6.35	0.14	3.56	0.4375	11.11	6
13SP054	1/4	6.35	0.171	4.34	0.4375	11.11	8
13SP055	1/4	6.35	0.091	2.31	0.5	12.70	2
13SP056	1/4	6.35	0.115	2.92	0.5	12.70	4
13SP057	1/4	6.35	0.14	3.56	0.5	12.70	6
13SP058	1/4	6.35	0.171	4.34	0.5	12.70	8
13SP059	1/4	6.35	0.091	2.31	0.5625	14.29	2
13SP060	1/4	6.35	0.115	2.92	0.5625	14.29	4
13SP061	1/4	6.35	0.14	3.56	0.5625	14.29	6
13SP062	1/4	6.35	0.171	4.34	0.5625	14.29	8
13SP063	1/4	6.35	0.091	2.31	0.625	15.88	2
13SP064	1/4	6.35	0.115	2.92	0.625	15.88	4
13SP065	1/4	6.35	0.14	3.56	0.625	15.88	6
13SP066	1/4	6.35	0.171	4.34	0.625	15.88	8
13SP067	1/4	6.35	0.091	2.31	0.6875	17.46	2
13SP068	1/4	6.35	0.115	2.92	0.6875	17.46	4
13SP069	1/4	6.35	0.14	3.56	0.6875	17.46	6
13SP070	1/4	6.35	0.171	4.34	0.6875	17.46	8
13SP071	1/4	6.35	0.091	2.31	0.75	19.05	2
13SP072	1/4	6.35	0.115	2.92	0.75	19.05	4
13SP073	1/4	6.35	0.14	3.56	0.75	19.05	6
13SP074	1/4	6.35	0.171	4.34	0.75	19.05	8
13SP075	1/4	6.35	0.091	2.31	0.8125	20.64	2
13SP076	1/4	6.35	0.115	2.92	0.8125	20.64	4
13SP077	1/4	6.35	0.14	3.56	0.8125	20.64	6
13SP078	1/4	6.35	0.171	4.34	0.8125	20.64	8
13SP079	1/4	6.35	0.091	2.31	0.875	22.22	2
13SP080	1/4	6.35	0.115	2.92	0.875	22.22	4
13SP081	1/4	6.35	0.14	3.56	0.875	22.22	6
13SP082	1/4	6.35	0.171	4.34	0.875	22.22	8
13SP083	1/4	6.35	0.091	2.31	0.9375	23.81	2
13SP084	1/4	6.35	0.115	2.92	0.9375	23.81	4
13SP085	1/4	6.35	0.14	3.56	0.9375	23.81	6
13SP086	1/4	6.35	0.171	4.34	0.9375	23.81	8
13SP087	1/4	6.35	0.091	2.31	1.00	25.40	2
13SP088	1/4	6.35	0.115	2.92	1.00	25.40	4
13SP089	1/4	6.35	0.14	3.56	1.00	25.40	6
13SP090	1/4	6.35	0.171	4.34	1.00	25.40	8
13SP091	5/16	7.94	0.115	2.92	0.125	3.18	4
13SP092	5/16	7.94	0.14	3.56	0.125	3.18	6
13SP093	5/16	7.94	0.171	4.34	0.125	3.18	8
13SP094	5/16	7.94	0.194	4.93	0.125	3.18	10
13SP095	5/16	7.94	0.115	2.92	0.1875	4.76	4
13SP096	5/16	7.94	0.14	3.56	0.1875	4.76	6
13SP097	5/16	7.94	0.171	4.34	0.1875	4.76	8

NYLON SPACERS

ITEM NUMBER	A		B		L		SCREW SIZE
	IN	MM	IN	MM	IN	MM	
13SP098	5/16	7.94	0.194	4.93	0.1875	4.76	10
13SP099	5/16	7.94	0.115	2.92	0.25	6.35	4
13SP100	5/16	7.94	0.14	3.56	0.25	6.35	6
13SP101	5/16	7.94	0.171	4.34	0.25	6.35	8
13SP102	5/16	7.94	0.194	4.93	0.25	6.35	10
13SP103	5/16	7.94	0.115	2.92	0.3125	7.94	4
13SP104	5/16	7.94	0.14	3.56	0.3125	7.94	6
13SP105	5/16	7.94	0.171	4.34	0.3125	7.94	8
13SP106	5/16	7.94	0.194	4.93	0.3125	7.94	10
13SP107	5/16	7.94	0.115	2.92	0.375	9.53	4
13SP108	5/16	7.94	0.14	3.56	0.375	9.53	6
13SP109	5/16	7.94	0.171	4.34	0.375	9.53	8
13SP110	5/16	7.94	0.194	4.93	0.375	9.53	10
13SP111	5/16	7.94	0.115	2.92	0.4375	11.11	4
13SP112	5/16	7.94	0.14	3.56	0.4375	11.11	6
13SP113	5/16	7.94	0.171	4.34	0.4375	11.11	8
13SP114	5/16	7.94	0.194	4.93	0.4375	11.11	10
13SP115	5/16	7.94	0.115	2.92	0.5	12.70	4
13SP116	5/16	7.94	0.14	3.56	0.5	12.70	6
13SP117	5/16	7.94	0.171	4.34	0.5	12.70	8
13SP118	5/16	7.94	0.194	4.93	0.5	12.70	10
13SP119	5/16	7.94	0.115	2.92	0.5625	14.29	4
13SP120	5/16	7.94	0.14	3.56	0.5625	14.29	6
13SP121	5/16	7.94	0.171	4.34	0.5625	14.29	8
13SP122	5/16	7.94	0.194	4.93	0.5625	14.29	10
13SP123	5/16	7.94	0.115	2.92	0.625	15.88	4
13SP124	5/16	7.94	0.14	3.56	0.625	15.88	6
13SP125	5/16	7.94	0.171	4.34	0.625	15.88	8
13SP126	5/16	7.94	0.194	4.93	0.625	15.88	10
13SP127	5/16	7.94	0.115	2.92	0.6875	17.46	4
13SP128	5/16	7.94	0.14	3.56	0.6875	17.46	6
13SP129	5/16	7.94	0.171	4.34	0.6875	17.46	8
13SP130	5/16	7.94	0.194	4.93	0.6875	17.46	10
13SP131	5/16	7.94	0.115	2.92	0.75	19.05	4
13SP132	5/16	7.94	0.14	3.56	0.75	19.05	6
13SP133	5/16	7.94	0.171	4.34	0.75	19.05	8
13SP134	5/16	7.94	0.194	4.93	0.75	19.05	10
13SP135	5/16	7.94	0.115	2.92	0.8125	20.64	4
13SP136	5/16	7.94	0.14	3.56	0.8125	20.64	6
13SP137	5/16	7.94	0.171	4.34	0.8125	20.64	8
13SP138	5/16	7.94	0.194	4.93	0.8125	20.64	10
13SP139	5/16	7.94	0.115	2.92	0.875	22.22	4
13SP140	5/16	7.94	0.14	3.56	0.875	22.22	6
13SP141	5/16	7.94	0.171	4.34	0.875	22.22	8
13SP142	5/16	7.94	0.194	4.93	0.875	22.22	10
13SP143	5/16	7.94	0.115	2.92	0.9375	23.81	4
13SP144	5/16	7.94	0.14	3.56	0.9375	23.81	6
13SP145	5/16	7.94	0.171	4.34	0.9375	23.81	8
13SP146	5/16	7.94	0.194	4.93	0.9375	23.81	10
13SP147	5/16	7.94	0.115	2.92	1.00	25.40	4
13SP148	5/16	7.94	0.14	3.56	1.00	25.40	6
13SP149	5/16	7.94	0.171	4.34	1.00	25.40	8
13SP150	5/16	7.94	0.194	4.93	1.00	25.40	10
13SP158	3/8	9.53	0.14	3.56	0.125	3.18	6
13SP159	3/8	9.53	0.171	4.34	0.125	3.18	8
13SP160	3/8	9.53	0.194	4.93	0.125	3.18	10
13SP161	3/8	9.53	0.14	3.56	0.1875	4.76	6
13SP162	3/8	9.53	0.171	4.34	0.1875	4.76	8
13SP163	3/8	9.53	0.194	4.93	0.1875	4.76	10
13SP164	3/8	9.53	0.14	3.56	0.25	6.35	6
13SP165	3/8	9.53	0.171	4.34	0.25	6.35	8
13SP166	3/8	9.53	0.194	4.93	0.25	6.35	10
13SP167	3/8	9.53	0.14	3.56	0.3125	7.94	6

ITEM NUMBER	A		B		L		SCREW SIZE
	IN	MM	IN	MM	IN	MM	
13SP168	3/8	9.53	0.171	4.34	0.3125	7.94	8
13SP169	3/8	9.53	0.194	4.93	0.3125	7.94	10
13SP170	3/8	9.53	0.14	3.56	0.375	9.53	6
13SP171	3/8	9.53	0.171	4.34	0.375	9.53	8
13SP172	3/8	9.53	0.194	4.93	0.375	9.53	10
13SP173	3/8	9.53	0.14	3.56	0.4375	11.11	6
13SP174	3/8	9.53	0.171	4.34	0.4375	11.11	8
13SP175	3/8	9.53	0.194	4.93	0.4375	11.11	10
13SP176	3/8	9.53	0.14	3.56	0.5	12.70	6
13SP177	3/8	9.53	0.171	4.34	0.5	12.70	8
13SP178	3/8	9.53	0.194	4.93	0.5	12.70	10
13SP179	3/8	9.53	0.14	3.56	0.5625	14.29	6
13SP180	3/8	9.53	0.171	4.34	0.5625	14.29	8
13SP181	3/8	9.53	0.194	4.93	0.5625	14.29	10
13SP182	3/8	9.53	0.14	3.56	0.625	15.88	6
13SP183	3/8	9.53	0.171	4.34	0.625	15.88	8
13SP184	3/8	9.53	0.194	4.93	0.625	15.88	10
13SP185	3/8	9.53	0.14	3.56	0.6875	17.46	6
13SP186	3/8	9.53	0.171	4.34	0.6875	17.46	8
13SP187	3/8	9.53	0.194	4.93	0.6875	17.46	10
13SP188	3/8	9.53	0.14	3.56	0.75	19.05	6
13SP189	3/8	9.53	0.171	4.34	0.75	19.05	8
13SP190	3/8	9.53	0.194	4.93	0.75	19.05	10
13SP191	3/8	9.53	0.14	3.56	0.8125	20.64	6
13SP192	3/8	9.53	0.171	4.34	0.8125	20.64	8
13SP193	3/8	9.53	0.194	4.93	0.8125	20.64	10
13SP194	3/8	9.53	0.14	3.56	0.875	22.22	6
13SP195	3/8	9.53	0.171	4.34	0.875	22.22	8
13SP196	3/8	9.53	0.194	4.93	0.875	22.22	10
13SP197	3/8	9.53	0.14	3.56	0.9375	23.81	6
13SP198	3/8	9.53	0.171	4.34	0.9375	23.81	8
13SP199	3/8	9.53	0.194	4.93	0.9375	23.81	10
13SP200	3/8	9.53	0.14	3.56	1.00	25.40	6
13SP201	3/8	9.53	0.171	4.34	1.00	25.40	8
13SP202	3/8	9.53	0.194	4.93	1.00	25.40	10
13SP203	1/2	12.70	0.14	3.56	0.125	3.18	6
13SP204	1/2	12.70	0.171	4.34	0.125	3.18	8
13SP205	1/2	12.70	0.194	4.93	0.125	3.18	10
13SP206	1/2	12.70	0.219	5.56	0.125	3.18	12
13SP207	1/2	12.70	0.26	6.60	0.125	3.18	1/4
13SP208	1/2	12.70	0.14	3.56	0.1875	4.76	6
13SP209	1/2	12.70	0.171	4.34	0.1875	4.76	8
13SP210	1/2	12.70	0.194	4.93	0.1875	4.76	10
13SP211	1/2	12.70	0.219	5.56	0.1875	4.76	12
13SP212	1/2	12.70	0.26	6.60	0.1875	4.76	1/4
13SP213	1/2	12.70	0.14	3.56	0.25	6.35	6
13SP214	1/2	12.70	0.171	4.34	0.25	6.35	8
13SP215	1/2	12.70	0.194	4.93	0.25	6.35	10
13SP216	1/2	12.70	0.219	5.56	0.25	6.35	12
13SP217	1/2	12.70	0.26	6.60	0.25	6.35	1/4
13SP218	1/2	12.70	0.14	3.56	0.3125	7.94	6
13SP219	1/2	12.70	0.171	4.34	0.3125	7.94	8
13SP220	1/2	12.70	0.194	4.93	0.3125	7.94	10
13SP221	1/2	12.70	0.219	5.56	0.3125	7.94	12
13SP222	1/2	12.70	0.257	6.53	0.3125	7.94	1/4
13SP223	1/2	12.70	0.14	3.56	0.375	9.53	6
13SP224	1/2	12.70	0.171	4.34	0.375	9.53	8
13SP225	1/2	12.70	0.194	4.93	0.375	9.53	10
13SP226	1/2	12.70	0.219	5.56	0.375	9.53	12
13SP227	1/2	12.70	0.257	6.53	0.375	9.53	1/4
13SP228	1/2	12.70	0.14	3.56	0.4375	11.11	6
13SP229	1/2	12.70	0.171	4.34	0.4375	11.11	8
13SP230	1/2	12.70	0.194	4.93	0.4375	11.11	10

STANDARD NYLON SPACERS (continued)



Standard Nylon Spacers

Tough and resilient, nylon spacers are useful for many applications. They are ideal for use in electrical and electronic assemblies. They also can be used as bushings, bearing, rollers, and glides. Molded from corrosion resistant Type 6/6 Nylon.

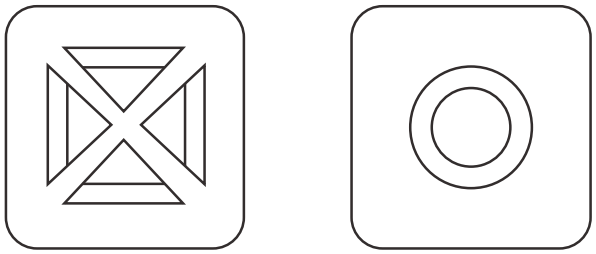
***All standard nylon spacers can be tapped two thread sizes larger than screw size listed.**

ITEM NUMBER	A		B		L		SCREW SIZE
	IN	MM	IN	MM	IN	MM	
13SP231	1/2	12.70	0.219	5.56	0.4375	11.11	12
13SP232	1/2	12.70	0.257	6.53	0.4375	11.11	1/4
13SP233	1/2	12.70	0.14	3.56	0.5	12.70	6
13SP234	1/2	12.70	0.171	4.34	0.5	12.70	8
13SP235	1/2	12.70	0.194	4.93	0.5	12.70	10
13SP236	1/2	12.70	0.219	5.56	0.5	12.70	12
13SP237	1/2	12.70	0.257	6.53	0.5	12.70	1/4
13SP238	1/2	12.70	0.14	3.56	0.5625	14.29	6
13SP239	1/2	12.70	0.171	4.34	0.5625	14.29	8
13SP240	1/2	12.70	0.194	4.93	0.5625	14.29	10
13SP241	1/2	12.70	0.219	5.56	0.5625	14.29	12
13SP242	1/2	12.70	0.257	6.53	0.5625	14.29	1/4
13SP243	1/2	12.70	0.14	3.56	0.625	15.88	6
13SP244	1/2	12.70	0.171	4.34	0.625	15.88	8
13SP245	1/2	12.70	0.194	4.93	0.625	15.88	10
13SP246	1/2	12.70	0.219	5.56	0.625	15.88	12
13SP247	1/2	12.70	0.257	6.53	0.625	15.88	1/4
13SP248	1/2	12.70	0.14	3.56	0.6875	17.46	6
13SP249	1/2	12.70	0.171	4.34	0.6875	17.46	8
13SP250	1/2	12.70	0.194	4.93	0.6875	17.46	10
13SP251	1/2	12.70	0.219	5.56	0.6875	17.46	12
13SP252	1/2	12.70	0.257	6.53	0.6875	17.46	1/4
13SP253	1/2	12.70	0.14	3.56	0.75	19.05	6
13SP254	1/2	12.70	0.171	4.34	0.75	19.05	8
13SP255	1/2	12.70	0.194	4.93	0.75	19.05	10
13SP256	1/2	12.70	0.219	5.56	0.75	19.05	12
13SP257	1/2	12.70	0.260	6.60	0.75	19.05	1/4
13SP258	1/2	12.70	0.14	3.56	0.8125	20.64	6
13SP259	1/2	12.70	0.171	4.34	0.8125	20.64	8
13SP260	1/2	12.70	0.194	4.93	0.8125	20.64	10
13SP261	1/2	12.70	0.219	5.56	0.8125	20.64	12
13SP262	1/2	12.70	0.260	6.60	0.8125	20.64	1/4
13SP263	1/2	12.70	0.14	3.56	0.875	22.22	6
13SP264	1/2	12.70	0.171	4.34	0.875	22.22	8
13SP265	1/2	12.70	0.194	4.93	0.875	22.22	10
13SP266	1/2	12.70	0.219	5.56	0.875	22.22	12
13SP267	1/2	12.70	0.260	6.60	0.875	22.22	1/4
13SP268	1/2	12.70	0.14	3.56	0.9375	23.81	6
13SP269	1/2	12.70	0.171	4.34	0.9375	23.81	8
13SP270	1/2	12.70	0.194	4.93	0.9375	23.81	10
13SP271	1/2	12.70	0.219	5.56	0.9375	23.81	12
13SP272	1/2	12.70	0.260	6.60	0.9375	23.81	1/4
13SP273	1/2	12.70	0.14	3.56	1.00	25.40	6
13SP274	1/2	12.70	0.171	4.34	1.00	25.40	8
13SP275	1/2	12.70	0.194	4.93	1.00	25.40	10
13SP276	1/2	12.70	0.219	5.56	1.00	25.40	12
13SP277	1/2	12.70	0.260	6.60	1.00	25.40	1/4

NYLON EXPANSION NUTS

NYLON EXPANSION NUTS

SQUARE HEAD	HOLE SIZE		PANEL THICKNESS		SCREW SIZE	H HEAD SIZE	T HEAD HEIGHT	L LENGTH
	INCHES	METRIC	INCHES	METRIC				
NENS00001	.275/.290	6.99/7.37	.031/.125	0.79/3.18	8 OR 10	.375 (9.63)	.031 (.79)	.320 (8.13)
NENS00002	.275/.290	6.99/7.37	.031/.125	0.79/3.18	8 OR 10	.375 (9.63)	.062 (1.57)	.320 (8.13)
NENS00003	.275/.290	6.99/7.37	.031/.125	0.79/3.18	8 OR 10	.375 (9.63)	.125 (3.18)	.320 (8.13)
NENS00004	.275/.290	6.99/7.37	.031/.125	0.79/3.18	8 OR 10	.375 (9.63)	.250 (6.35)	.320 (8.13)
NENS00005	.375	9.53	.031/.125	0.79/3.18	1/4	5/8 (15.88)	1-1/16 (27.0)	9/32 (7.14)
NENS00006	.250/.260	6.35/6.61	.031/.115	0.79/2.92	6	.437 (11.10)	.094 (2.39)	.220 (5.59)
NENS00007	.270/.270	6.86/6.86	0.62/.275	1.57/6.99	6	.375 (9.53)	.031 (0.79)	.435 (11.05)
NENS00912	.225/.255	5.71/6.48	.031/.125	0.79/3.18	8	.375 (9.53)	.187 (4.75)	.300 (7.62)
NENS00915	.245/.255	6.22/6.48	.031/.125	0.79/3.18	6 OR 8	3/8 (9.53)	1/32 (0.79)	9/32 (7.14)
NENS01000	.250/.255	6.35/6.48	.110/.125	2.79/3.18	6	.375 (9.53)	.031 (1.79)	.265 (6.73)
NENS01012	.173/.178	4.39/4.52	.031/.078	0.79/1.98	4	.218 (5.54)	.250 (6.35)	.218 (5.54)
NENS01014	.250/.270	6.35/6.86	.062/.155	1.57/3.94	6	.375 (9.53)	.032 (0.81)	.312 (7.92)
NENS01016	.285	7.24	.078/.175	1.98/4.45	8	.380 (9.65)	.045 (1.14)	.340 (8.64)
NENS01020	.275/.280	6.99/7.11	.040/.045	1.02/1.14	8 OR 10	.370 (9.40)	.032 (0.81)	.330 (8.38)
NENS01021	.375/.390	9.53/9.91	.230	5.48	1/4	5/8 (15.88)	.080 (2.03)	.438 (11.13)
NENS01122	.350/.355	8.89/9.02	.218/.230	5.54/5.84	8 OR 10	.475 (12.07)	.062 (1.57)	.421 (10.69)
NENS01125	.370/.390	9.40/9.91	.064/.187	1.57/4.75	10	.609 (15.47)	.085 (2.16)	.290 (7.37)
NENS01126	.305/.315	7.75/8.00	.031/.175	0.79/4.44	8	.470 (11.94)	.060 (1.52)	.300 (7.62)
NENS01130	.370/.375	9.40/9.52	.031/.100	0.79/2.54	12	.620 (15.75)	.080 (2.03)	.275 (6.98)
NENS01135	.173/.178	4.39/4.52	.031/.078	0.79/1.98	4	.218 (5.54)	.050 (1.27)	.218 (5.54)
NENS01145	.270/.310	6.85/7.87	.031/.170	0.79/4.32	8	.405 (10.29)	.062 (1.57)	.312 (7.92)
NENS01150	.310/.310	7.87/7.87	.031/.170	0.79/4.32	10	.465 (11.81)	.062 (1.57)	.295 (7.49)
NENS01154	.320/.320	8.13/8.13	.031/.155	0.79/3.94	10	.650 (16.51)	.072 (1.83)	.305 (7.75)
NENS01155	.245/.270	6.22/6.85	.047/.095	1.19/2.41	2	.375 (9.52)	.032 (0.81)	.240 (6.07)
NENS01160	.335/.340	8.52/8.64	.062/.125	1.58/3.17	8	.512 (12.96)	.075 (1.90)	.315 (8.00)
NENS01165	.270/.270	6.86/6.86	.062/.125	1.58/3.17	6	.390 (9.90)	.050 (1.27)	.275 (6.99)
NENS01170	.275/.285	6.90/7.24	.031/.125	0.79/3.17	4	.375 (9.53)	.050 (1.27)	.218 (5.54)
NENS01171	.200/.270	5.08/6.86	.032/.156	0.81/3.96	6	.312/.437 (7.93/11.1)	.035 (0.89)	.312 (7.93)
NENS01175	.275/.280	6.99/7.11	.062/.120	1.60/3.05	6	.390 (9.90)	.055 (1.40)	.281 (7.14)
NENS01176	.260/.270	6.61/6.86	.093/.187	2.36/4.75	6	.410 (10.41)	.040 (1.02)	.310 (7.87)
NENS01178	.265	6.73	.047/.180	1.19/4.57	8	.375 (9.53)	.032 (0.81)	.327 (8.31)
NENS01179	.365	9.28	.062/.120	1.19/4.57	1/4	5/8 (15.88)	.080 (2.04)	9/32 (7.14)
NENS01180	.370/.375	9.40/9.50	.062/.120	1.60/3.05	1/4	.625 (15.90)	.080 (2.04)	.281 (7.14)
NENS01181	.410/.410	10.42/10.42	.031/.062	0.79/1.58	1/4	.630 (16.00)	.140 (3.56)	.280 (7.12)
NENS01185	.320/.335	8.08/8.51	.032/.234	0.81/5.94	10	.470 (11.94)	.055 (1.40)	.420 (10.67)
NENS01190	.335/.345	8.51/8.76	.062/.171	1.58/4.35	10	.468 (11.88)	.095 (2.42)	.400 (10.16)
NENS01195	.330/.365	8.38/9.28	.032/.095	0.81/2.41	8	.500 (12.70)	.094 (2.39)	.295 (7.50)
NENS01200	.250/.260	6.35/6.61	.062/.125	1.58/3.18	6	.375 (9.53)	.140 (3.56)	.265 (6.73)



BOTTOM (DOUBLE SPLIT STYLE)

Nylon Expansion Nuts

Used with self-threading metal screws, these snap-in nuts expand and securely lock screws and assembled parts in place, connecting thin-gauge materials and eliminating cross-threading. They are corrosion and vibration resistant. Design variation is available.

Minimum order: 1,000 for full range.

NYLON EXPANSION NUTS (continued)

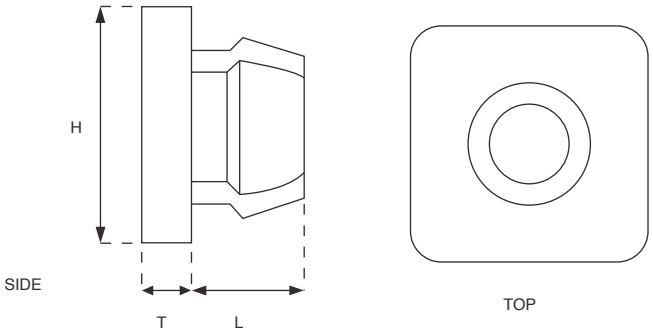
DOUBLE SPLIT SQUARE HEAD	HOLE SIZE		PANEL THICKNESS		SCREW SIZE	H HEAD SIZE	T HEAD HEIGHT	L LENGTH
	INCHES	METRIC	INCHES	METRIC				
NENS01010	.377/.382	9.58/9.70	.125/.130	3.18/3.30	10	39/64 (15.48)	.082 (2.08)	.308 (7.82)
NENS01015	.228/.233	5.79/5.92	.250/.271	6.35/6.88	8	.375 (9.53)	.031 (0.79)	.406 (10.31)
NENS01018	.310/.315	7.87/8.00	.110/.115	2.79/2.92	8	.437 (11.10)	.078 (1.98)	.281 (7.14)
NENS01019	.305/.310	7.75/7.87	.125/.135	3.18/3.43	8	.437 (11.10)	.062 (1.57)	.281 (7.14)
NENS01025	.250/.250	6.35/6.35	.093/.275	0.91/6.99	8	.375 (9.53)	.047 (1.19)	.420 (10.67)
NENS01128	.330/.330	8.38/8.38	.031/.125	0.79/3.18	8	.505 (12.83)	.032 (0.81)	.275 (6.98)
NENS01030	.303	7.70	.031/.145	0.79/3.68	8 OR 10	.435 (11.05)	.062 (1.57)	.270 (6.86)

ROUND HEAD	HOLE SIZE		PANEL THICKNESS		SCREW SIZE	H HEAD SIZE	T HEAD HEIGHT	L LENGTH
	INCHES	METRIC	INCHES	METRIC				
NENS00009	.270/.280	6.86/7.11	.062/.165	1.57/4.19	6	.375 (9.53)	.093 (2.36)	.297 (7.54)
NENS00010	.275/.290	6.99/7.37	.031/.125	0.79/3.18	8 OR 10	.500 (12.70)	.031 (0.79)	.320 (8.13)
NENS00011	.271/.290	6.88/7.37	.031/.125	0.79/3.18	8 OR 10	.500 (12.70)	.062 (1.57)	.320 (8.13)
NENS00012	.271/.290	6.88/7.37	.031/.125	0.79/3.18	8 OR 10	.500 (12.70)	.125 (3.18)	.320 (8.13)
NENS00013	.275/.290	6.99/7.37	.031/.125	0.79/3.18	8 OR 10	.500 (12.70)	.250 (6.35)	.320 (8.13)
NENS00038	.275/.290	6.99/7.37	.031/.156	0.79/3.96	8	.500 (12.70)	.375 (9.53)	.320 (8.13)
NENS00072	.275/.290	6.99/7.37	.031/.156	0.79/3.96	8 OR 10	.500 (12.70)	.708 (17.98)	.315(8.00)
NENS00073	.280/.285	7.11/7.24	.032/.150	0.81/3.81	6	.500 (12.70)	23/32 (18.26)	11/32 (8.73)
NENS00100	.275/.290	6.99/7.37	.031/.156	0.79/3.96	8 OR 10	.437 (11.10)	.032 (0.81)	.325 (8.26)
NENS00818	.275/.290	6.99/7.37	.031/.109	0.79/2.77	8 OR 10	.547 (13.89)	1.062 (26.97)	.281 (7.14)
NENS01013	.285/.290	7.24/7.37	.031/.094	0.79/2.39	8	.455 (11.56)	1.505 (38.23)	.275 (6.99)
NENS01121	.350/.355	8.89/9.27	.032/.125	0.81/3.185	12	.531 (13.31)	.125 (3.18)	.281 (7.14)
NENS01140	.310/.310	7.87/7.87	.031/.160	0.79/4.06	10	.500 (12.70)	.035 (0.89)	.292 (7.42)
NENS02200	.425/.429	10.80/10.90	.031/.110	0.79/2.79	5/16	.740 (18.80)	.190 (4.83)	.312 (7.92)
NENS02300	.415/4.30	10.54/10.92	.032/.135	0.81/3.43	1/4	.750 (19.05)	.062 (1.57)	.310 (7.87)
NENS02400	.325/.330	8.26/8.38	.031/.156	0.79/3.96	10	.565 (14.35)	.062 (1.57)	.320 (8.13)
NENS02500	.275	6.99	.062/.170	1.57/4.32	8	.495 (12.57)	.312 (7.92)	.325 (8.26)

THREE LEGGED SQUARE HEAD	HOLE SIZE		PANEL THICKNESS		SCREW SIZE	H HEAD SIZE	T HEAD HEIGHT	L LENGTH
	INCHES	METRIC	INCHES	METRIC				
NENS03300*	.300/.300	7.62/7.62	.031/.135	0.78/3.43	6	.485 (12.32)	.055 (1.40)	.265 (6.73)

*Three legged square head expansion nut fits round hole

ROUND & THREE LEG



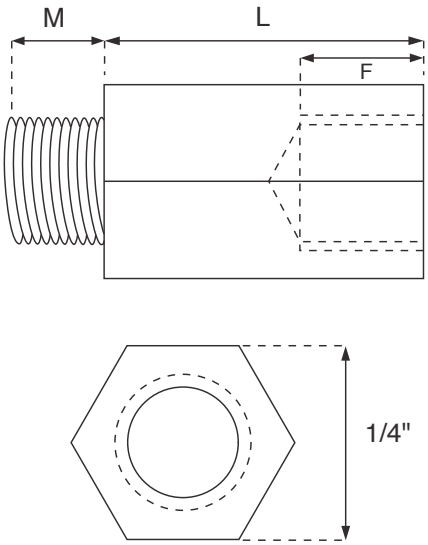
NYLON THREADED STANDOFFS

NYLON MALE - FEMALE THREADED STANDOFFS

* F DIMENSION IS ADJUSTED WHEN THE LENGTH WILL NOT PERMIT FULL THREAD DEPTH AS FOLLOWS:

WHERE L = 1/4 (6.35) F = 3/16 (4.76)
WHERE L = 3/8 (9.53) F =1/4 (6.35)
WHERE L = 1/2 (12.7) F = 3/8 (9.53)

THREAD SIZE	M	F*
4/40 (2.54)	3/16 (4.76)	1/4 (6.35)
6/32 (4.76)	1/4 (6.35)	3/8 (9.53)
8/32 (6.35)	3/8 (9.53)	7/16 (11.11)



Nylon Male-Female Threaded Standoffs

Minimum order: 1,000

PART NUMBER	THREAD (IN/MM)	LENGTH (IN/MM)
NMF440X.250	4/40 (2.54)	1/4 (6.35)
NMF632X.250	6/32 (4.76)	1/4 (6.35)
NMF832X.250	8/32 (6.35)	1/4 (6.35)
NMF440X.375	4/40 (2.54)	3/8 (9.53)
NMF632X.375	6/32 (4.76)	3/8 (9.53)
NMF832X.375	8/32 (6.35)	3/8 (9.53)
NMF440X.500	4/40 (2.54)	1/2 (12.7)
NMF632X.500	6/32 (4.76)	1/2 (12.7)
NMF832X.500	8/32 (6.35)	1/2 (12.7)
NMF440X.625	4/40 (2.54)	5/8 (15.88)
NMF632X.625	6/32 (4.76)	5/8 (15.88)
NMF832X.625	8/32 (6.35)	5/8 (15.88)
NMF440X.750	4/40 (2.54)	3/4 (19.05)
NMF632X.750	6/32 (4.76)	3/4 (19.05)
NMF832X.750	8/32 (6.35)	3/4 (19.05)
NMF440X.875	4/40 (2.54)	7/8 (22.23)
NMF632X.875	6/32 (4.76)	7/8 (22.23)
NMF832X.875	8/32 (6.35)	7/8 (22.23)
NMF440X1.000	4/40 (2.54)	1 (25.4)
NMF632X1.000	6/32 (4.76)	1 (25.4)
NMF832X1.000	8/32 (6.35)	1 (25.4)
NMF440X1.125	4/40 (2.54)	1-1/8 (28.58)
NMF632X1.125	6/32 (4.76)	1-1/8 (28.58)
NMF832X1.125	8/32 (6.35)	1-1/8 (28.58)
NMF440X1.250	4/40 (2.54)	1-1/4 (31.75)
NMF632X1.250	6/32 (4.76)	1-1/4 (31.75)
NMF832X1.250	8/32 (6.35)	1-1/4 (31.75)
NMF440X1.375	4/40 (2.54)	1-3/8 (34.93)
NMF632X1.375	6/32 (4.76)	1-3/8 (34.93)
NMF832X1.375	8/32 (6.35)	1-3/8 (34.93)
NMF440X1.500	4/40 (2.54)	1-1/2 (38.1)
NMF632X1.500	6/32 (4.76)	1-1/2 (38.1)
NMF832X1.500	8/32 (6.35)	1-1/2 (38.1)
NMF440X1.625	4/40 (2.54)	1-5/8 (41.28)
NMF632X1.625	6/32 (4.76)	1-5/8 (41.28)
NMF832X1.625	8/32 (6.35)	1-5/8 (41.28)
NMF440X1.750	4/40 (2.54)	1-3/4 (44.45)
NMF632X1.750	6/32 (4.76)	1-3/4 (44.45)
NMF832X1.750	8/32 (6.35)	1-3/4 (44.45)
NMF440X2.000	4/40 (2.54)	2 (50.8)
NMF632X2.000	6/32 (4.76)	2 (50.8)
NMF832X2.000	8/32 (6.35)	2 (50.8)