

Standard Hose Clamps

A full line of hose clamps is headed up by this standard multi-purpose clamp. Versatile enough to be used in a number of general clamping applications. The stainless steel band resists corrosion.



SPECIFICATIONS

band:
micro: $\frac{5}{16}$ " stainless steel
(2363 & 2364)
standard: $\frac{1}{2}$ " stainless steel
(2365 through 2379)

housing:
stainless steel

screw:
micro: $\frac{1}{4}$ " hex head -
carbon steel (2363 & 2364)
standard: $\frac{5}{16}$ " hex head -
carbon steel
(2365 through 2379)

part no.	diameter range	SAE size	lbs. per 100 pcs.	part no.	diameter range	SAE size	lbs. per 100 pcs.
2363	$\frac{7}{32}$ "- $\frac{5}{8}$ "	004	2	2372	$1\frac{5}{16}$ "- $2\frac{1}{4}$ "	028	6
2364	$\frac{7}{16}$ "- $\frac{25}{32}$ "	006	2	2373	$1\frac{9}{16}$ "- $2\frac{1}{2}$ "	032	7
2365	$\frac{7}{16}$ "- $\frac{25}{32}$ "	006	4	2374	$1\frac{13}{16}$ "- $2\frac{3}{4}$ "	036	7
2366	$\frac{1}{2}$ "- $\frac{29}{32}$ "	008	4	2375	$2\frac{1}{16}$ "-3"	040	8
2367	$\frac{9}{16}$ "- $1\frac{1}{16}$ "	010	4	2376	$2\frac{5}{16}$ "- $3\frac{3}{4}$ "	044	8
2368	$1\frac{1}{16}$ "- $1\frac{1}{4}$ "	012	5	2377	$2\frac{9}{16}$ "- $3\frac{1}{2}$ "	048	8
2369	$1\frac{3}{16}$ "- $1\frac{1}{2}$ "	016	5	2378	$2\frac{13}{16}$ "- $3\frac{3}{4}$ "	052	8
2370	$1\frac{3}{16}$ "- $1\frac{3}{4}$ "	020	5	2379	$3\frac{1}{16}$ "-4"	056	10
2371	$1\frac{1}{16}$ "-2"	024	6				

min qty: 10

Stainless Steel Hose Clamps

Total stainless steel construction makes these clamps extra tough and durable. Ideal for use in corrosive environments and applications such as plumbing, sprinkler systems, swimming pools, automotive, marine and agricultural environments.



SPECIFICATIONS

band:
micro: $\frac{5}{16}$ " stainless steel
(236302 & 236402)
standard: $\frac{1}{2}$ " stainless steel
(236502 through 237902)

housing:
stainless steel

screw:
micro: $\frac{1}{4}$ " hex head - stainless
steel (236302 & 236402)
standard: $\frac{5}{16}$ " hex head -
stainless steel
(236502 through 237902)

part no.	diameter range	SAE size	lbs. per 100 pcs.	part no.	diameter range	SAE size	lbs. per 100 pcs.
236302	$\frac{7}{32}$ "- $\frac{5}{8}$ "	004	2	237202	$1\frac{5}{16}$ "- $2\frac{1}{4}$ "	028	6
236402	$\frac{7}{16}$ "- $\frac{25}{32}$ "	006	2	237302	$1\frac{9}{16}$ "- $2\frac{1}{2}$ "	032	6
236502	$\frac{7}{16}$ "- $\frac{25}{32}$ "	006	3	237402	$1\frac{13}{16}$ "- $2\frac{3}{4}$ "	036	6
236602	$\frac{1}{2}$ "- $\frac{29}{32}$ "	008	4	237502	$2\frac{1}{16}$ "-3"	040	7
236702	$\frac{9}{16}$ "- $1\frac{1}{16}$ "	010	4	237602	$2\frac{5}{16}$ "- $3\frac{3}{4}$ "	044	7
236802	$1\frac{1}{16}$ "- $1\frac{1}{4}$ "	012	5	237702	$2\frac{9}{16}$ "- $3\frac{1}{2}$ "	048	7
236902	$1\frac{3}{16}$ "- $1\frac{1}{2}$ "	016	5	237802	$2\frac{13}{16}$ "- $3\frac{3}{4}$ "	052	8
237002	$1\frac{3}{16}$ "- $1\frac{3}{4}$ "	020	5	237902	$3\frac{1}{16}$ "-4"	056	8
237102	$1\frac{1}{16}$ "-2"	024	5				

min qty: 10

Shielded Hose Clamps

Designed for use on silicone and other soft hose material. Features an inner stainless steel band to prevent material from protruding through the notches in the outer band. One-piece inner liner is double welded preventing separation.



SPECIFICATIONS

band:
 $\frac{1}{2}$ " stainless steel

housing:
stainless steel

screw:
 $\frac{5}{16}$ " hex head - carbon steel

part no.	diameter range	SAE size	lbs. per 100 pcs.	part no.	diameter range	SAE size	lbs. per 100 pcs.
236504	$\frac{7}{16}$ "- $\frac{25}{32}$ "	006	5	237004	$1\frac{3}{16}$ "- $1\frac{3}{4}$ "	020	6
236604	$\frac{1}{2}$ "- $\frac{29}{32}$ "	008	5	237104	$1\frac{1}{16}$ "-2"	024	7
236704	$\frac{9}{16}$ "- $1\frac{1}{16}$ "	010	6	237204	$1\frac{5}{16}$ "- $2\frac{1}{4}$ "	028	7
236804	$1\frac{1}{16}$ "- $1\frac{1}{4}$ "	012	6	237304	$1\frac{9}{16}$ "- $2\frac{1}{2}$ "	032	8
236904	$1\frac{3}{16}$ "- $1\frac{1}{2}$ "	016	6				

min qty: 10



Constant Torque Clamps MADE IN USA

Provides automatic adjustments for constant torque on expanding and contracting hoses. The housing is riveted to the saddle at four points providing added strength. The shield protects soft hoses from damage or shear. Torque rated to 40-70 in./lbs.

SPECIFICATIONS

band:
3/16" stainless steel

housing:
stainless steel

screw:
standard: 5/16" hex head

hex head:
stainless steel

part no.	diameter range	SAE size
2200	9/16" - 1 1/16"	10
2202	1 1/16" - 1 1/4"	12
2204	1 3/16" - 1 1/2"	16
2206	1 3/16" - 1 3/4"	20
2208	1 1/16" - 2"	24
2212	1 9/16" - 2 1/2"	32
2214	1 13/16" - 2 3/4"	36
2216	2 1/16" - 3"	40
2218	2 5/16" - 3 1/4"	44
2222	2 9/16" - 3 1/2"	48



Fuel Injection Hose Clamps MADE IN USA

Designed with a non-perforated band of aluzinc-coated carbon. The screw and nut are also zinc-plated carbon.

part no.	diameter range	lbs. per 100 pcs
210402	7/16" - 1/2"	2
210602	1/2" - 9/16"	3
210802	9/16" - 5/8"	4



Flexible Grommeting MADE IN USA

This flexible grommeting protects and insulates wires and cables from chafing against sharp chassis edges. The serrated design is ideal for irregular shaped panel holes. Fits 1/8", 3/16" and 1/4" panel thicknesses. Molded of durable 6/6 nylon. ASTM D-4066 flammability classification 94V-2.

black

part no.	maximum panel thickness	length
5086	.125"	100-ft
5090	.187"	100-ft
5094	.250"	100-ft



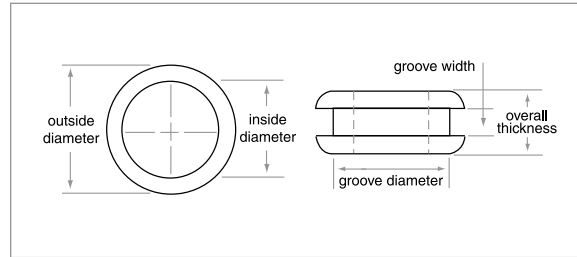
cable ties
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Rubber Grommets

Protect wires from chafing against drilled holes with these rubber grommets. Grommets are organized by groove width in the chart below. Select specific groove width and locate other pertinent dimensions below. PLEASE NOTE: Groove diameter is the size of hole needed to snap a grommet into for the best fit. Material is styrene butadiene rubber (SBR) and is black in color.



1/16" groove width

part no.	inside dia.	groove dia.	outside dia.	overall thickness
5102	1/8"	1/4"	11/32"	3/16"
5104	3/16"	5/16"	7/16"	3/16"
5106	1/4"	3/8"	9/16"	1/4"
5108	5/16"	7/16"	9/16"	3/16"
5110	5/16"	9/16"	13/16"	5/16"
5112	3/8"	1/2"	5/8"	1/4"
5114	3/8"	5/8"	7/8"	5/16"
5116	7/16"	9/16"	3/4"	1/4"
5118	7/16"	11/16"	15/16"	5/16"
5120	1/2"	13/16"	1 1/16"	5/16"
5122	9/16"	13/16"	1 1/16"	5/16"
5124	5/8"	7/8"	1 1/8"	5/16"
5126	3/4"	7/8"	1 1/8"	9/32"
5128	3/4"	1 1/16"	1 3/8"	3/8"
5130	7/8"	1 1/4"	1 5/8"	7/16"
5132	1"	1 3/8"	1 3/4"	7/16"
5134	1 1/2"	1 3/4"	2 1/8"	7/16"
5136	2 1/8"	2 1/2"	2 7/8"	7/16"

1/8" groove width

part no.	inside dia.	groove dia.	outside dia.	overall thickness
5150	3/16"	5/16"	7/16"	1/4"
5152	1/4"	3/8"	1/2"	9/32"
5154	3/8"	17/32"	3/4"	1/2"
5156	3/8"	5/8"	7/8"	3/8"
5158	1/2"	3/4"	1"	1/2"
5160	5/8"	7/8"	1 1/8"	3/8"
5162	1 1/16"	1"	1 5/16"	7/16"
5164	3/4"	1 1/16"	1 3/8"	7/16"
5166	7/8"	1 1/4"	1 5/8"	1/2"
5168	1"	1 3/8"	1 3/4"	1/2"
5170	1 1/2"	1 3/4"	2 1/8"	1/2"
5172	2 1/8"	2 1/2"	2 7/8"	7/16"

3/16" groove width

part no.	inside dia.	groove dia.	outside dia.	overall thickness
5180	1/4"	7/16"	5/8"	5/16"
5182	3/8"	5/8"	7/8"	7/16"
5184	1/2"	13/16"	1 1/16"	7/16"
5186	7/8"	1 1/4"	1 5/8"	9/16"
5187	1"	1 3/8"	1 3/4"	9/16"
5188	1 1/2"	1 3/4"	2 1/8"	9/16"

1/4" groove width

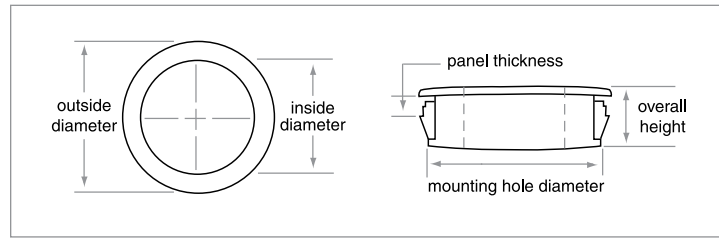
part no.	inside dia.	groove dia.	outside dia.	overall thickness
5192	3/4"	1 1/16"	1 3/8"	9/16"
5194	1"	1 3/8"	1 3/4"	5/8"
5196	1 1/2"	1 3/4"	2"	1/2"



body clips
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Nylon Grommets

Eliminate wire abrasion caused by metal panel cutouts with these 6/6 nylon grommets. Temperature rating: 105°C (221°F).



standard grommets

part no.	mounting hole dia.	inside dia.	outside dia.	overall height	panel thickness
5000*	.187"	1/8"	1/4"	15/64"	1/16"
5002*	.312"	3/16"	3/8"	5/16"	1/16"
5004	.375"	1/4"	15/32"	13/32"	1/8"
5006	.437"	5/16"	17/32"	13/32"	1/8"
5008	.500"	3/8"	37/64"	13/32"	1/8"
5010	.562"	7/16"	21/32"	13/32"	1/8"
5012	.625"	1/2"	23/32"	13/32"	1/8"
5014	.687"	9/16"	25/32"	13/32"	1/8"
5016	.750"	5/8"	27/32"	13/32"	1/8"
5017	.875"	11/16"	61/64"	29/64"	1/8"
5018	1.000"	3/4"	1 1/8"	29/64"	1/8"
5020	1.093"	7/8"	17/32"	29/64"	1/8"
5022	1.375"	1	1 15/32"	29/64"	1/8"

* thickness difference



universal grommets

part no.	mounting hole dia.	inside dia.	outside dia.	overall height	panel thickness
5024	.750"	1/2"	55/64"	25/64"	1/8"



Ratchet Wrench Knockout Set

The four-point design of the punches allow the slugs to drop out of the die automatically without splitting. Perfect for chassis builders, metal fabrication and other OEM/MRO applications. Durable punches make holes in up to 12 gauge stainless steel and 10 gauge mild steel. Includes a handy ratchet mechanism for application ease. The complete set punches holes from 1/2" to 2".

part no.	pipe sizes	hole size O.D.
992102	1/2" - 2"	7/8" - 2 3/8"