

Clamps

Snapper Hose Clamps

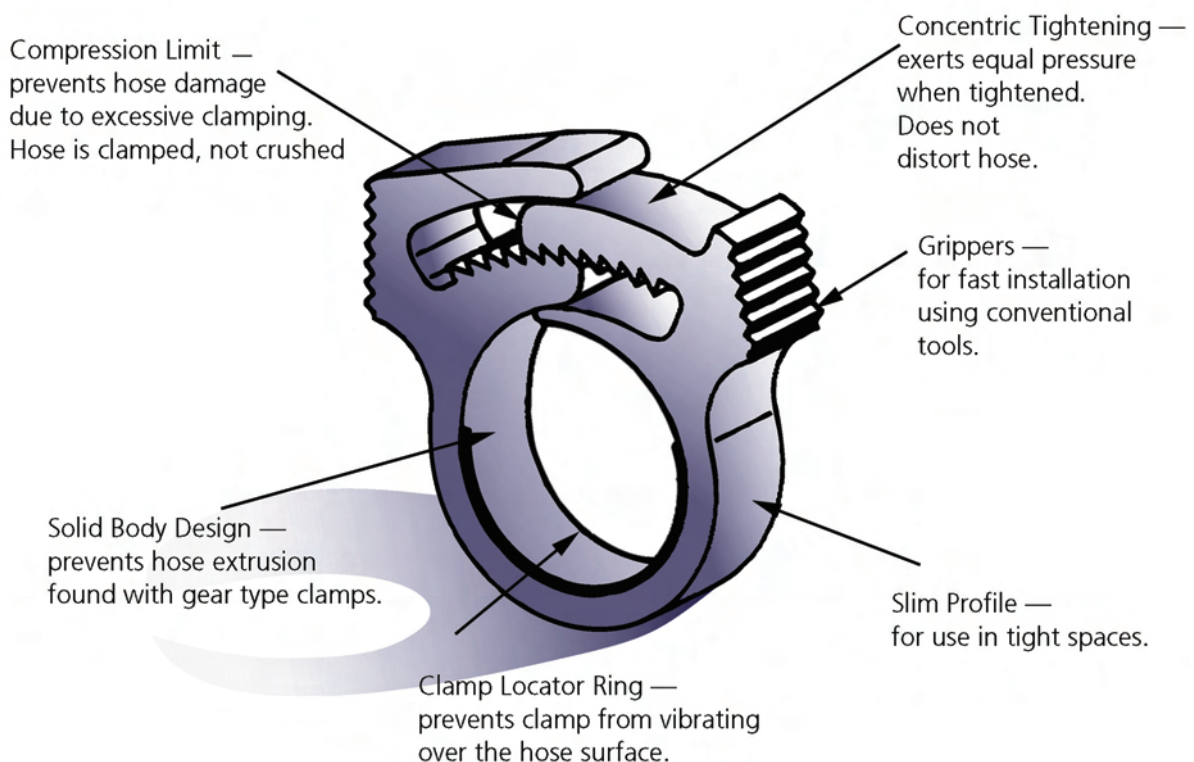
HellermannTyton's Snapper is a lightweight, corrosion resistant hose clamp manufactured from high performance, thermoplastic materials selected to work well in a variety of diverse environments. A quick, ratchet closure provides for reduced application time and allows for application after connection of the hose. Release is achieved by initiating opposed lateral movement of the ratchet ends. Heat stabilized materials are available for high temperature, motor and under-hood applications. Snappers are also stable in a wide variety of chemicals including salts, bases, alcohols, ethers, detergents, gasoline, lubricating oils, and greases.



The Snapper is available in 32 standard sizes ranging from 1/4" to 4-1/2" ID. Snappers are manufactured in white polyacetal and black polyamide 6.6 glass filled impact modified heat stabilized material. Custom designed and different colored or shaped Snappers are available based upon applications and volume requirements.

Snapper Clamp Features

- Will not rust or corrode
- Installation and removal can be five times faster than conventional clamps
- Completely reusable
- Safety engineered
- No protruding band or cluster
- Can be installed with hose in place
- Will not damage hose
- One hand installation for tight places



Snapper Hose Clamp Applications



Snapper clamp selection will vary with hose thickness and fitting sizes. End use testing is recommended to determine the actual size needed for each application.

Snapper Clamp Applications

Snapper hose clamps are used in a variety of markets and diverse applications.

- Automotive
- Air Lines
- Pumps
- Marine
- Drain Lines
- Sprayers
- Truck
- Water Lines
- Fuel Lines
- Heavy Equipment
- Sprinkler Systems
- Garden Hoses
- Many more hose and tubing applications

Double Braid Utility Hoses		Clear Vinyl Tubing		Neoprene Hoses		Fuel Line Hoses	
Diameter	Product	(I.D.) - (O.D.)	Product	Diameter	Product	Diameter	Product
1/4"	Snapper 8	3/16" - 5/16"	Snapper 1.5	1/8"	Snapper 1.5	1/4"	Snapper 6
3/8"	Snapper 12	1/4" - 3/8"	Snapper 4	3/16"	Snapper 2	5/8"	Snapper 8
1/2"	Snapper 19	5/16" - 7/16"	Snapper 6	9/32"	Snapper 8	3/8"	Snapper 12
5/8"	Snapper 22	3/8" - 1/2"	Snapper 8	3/8"	Snapper 12		
3/4"	Snapper 28	1/2" - 5/8"	Snapper 12	Garden Hoses		Heater Hoses	
1"	Snapper 33/34	5/8" - 7/8"	Snapper 19	1/2"	Snapper 14	1/2"	Snapper 18
1-1/4"	Snapper 38	3/4" - 1"	Snapper 24	5/8"	Snapper 18	5/8"	Snapper 19
1-1/2"	Snapper 50	1" - 1-1/4"	Snapper 32	3/4"	Snapper 32	3/8"	Snapper 24

Snapper Hose Clamp Tools

Snapper installation tools are available in both pneumatic and mechanical versions. They are specifically developed to increase reliability, reduce operator fatigue and installation time.

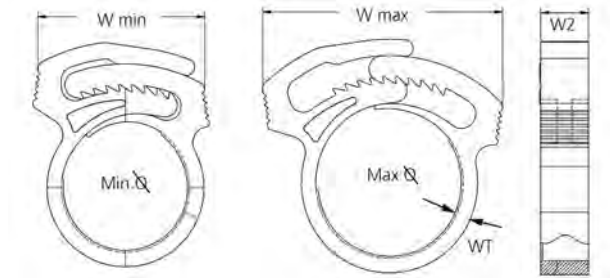


Product Selection			Tool Description			Snapper Range
Article No.	Part No.	Type	Type	Use	Stroke	
191-00010	PHSNP2-36	PHSNP2-36	Pneumatic	Production	Horizontal	2-36
191-00012	PHSNP38-100	PHSNP38-100			Vertical	38-100
191-00014	PSNP2-22	PSNP2-22				2-22
191-00019	PSNP24-70	PSNP24-70				24-70
191-02220	ASNP2-22	ASNP2-22	Mechanical	Production	Vertical	2-22
191-24700	ASNP24-70	ASNP24-70				24-70
191-01700	MSNP1-70	MSNP1-70		Maintenance/ Removal	Vertical	1-70

Use **Part No.** for ordering and **Type** for specification purposes.

Snapper Hose Clamps

Polyamide 6.6 Glass Filled Impact Modified Heat Stabilized



Material Data

Material	Polyamide 6.6 glass filled impact modified heat stabilized (PA66GF13%)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C)
Color	Black
Flammability	UL94 HB

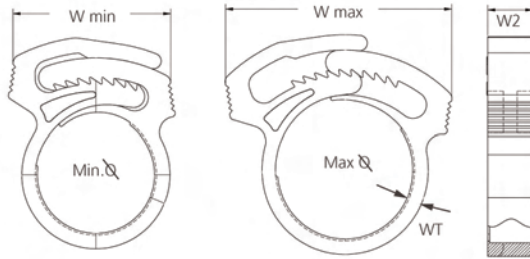


Product Selection

Article No.	Part No.	Type	Min. Ø	Max. Ø	Width (W2)	Wall Thickness (WT)	Width (W) Min.	Width (W) Max.	Pkg. Qty.
					in. (mm)	in. (mm)	in. (mm)	in. (mm)	
192-10010	SNP1GHS0C2	SNP1	0.233 " (5.928)	0.262 " (6.643)	0.149" (3.838)	0.04 " (1.01)	0.323" (8.181)	0.456" (11.615)	100
190-00019	SNP1GHS0M4		0.233 " (5.928)	0.262 " (6.643)	0.149" (3.838)	0.04 " (1.01)	0.323" (8.181)	0.456" (11.615)	1000
190-00029	SNP1.25GHS0C2	SNP1.25	0.275 " (6.95)	0.297 " (7.563)	0.15" (3.838)	0.042 " (1.111)	0.408" (10.403)	0.491" (12.423)	100
190-00030	SNP1.25GHS0M4		0.275 " (6.95)	0.297 " (7.563)	0.15" (3.838)	0.042 " (1.111)	0.408" (10.403)	0.491" (12.423)	1000
190-00251	SNP1.5GHS0C2	SNP1.5	0.314 " (7.972)	0.35 " (8.891)	0.147" (3.737)	0.055 " (1.414)	0.414" (10.504)	0.593" (15.049)	100
190-00035	SNP1.5GHS0M4		0.314 " (7.972)	0.35 " (8.891)	0.147" (3.737)	0.055 " (1.414)	0.414" (10.504)	0.593" (15.049)	1000
192-10020	SNP2GHS0C2	SNP2	0.359 " (9.096)	0.403 " (10.22)	0.233" (5.959)	0.068 " (1.717)	0.477" (12.12)	0.679" (17.271)	100
190-00098	SNP2GHS0M4		0.359 " (9.096)	0.403 " (10.22)	0.233" (5.959)	0.068 " (1.717)	0.477" (12.12)	0.679" (17.271)	1000
190-00132	SNP3GHS0C2	SNP3	0.396 " (10.016)	0.45 " (11.446)	0.234" (5.959)	0.07 " (1.818)	0.567" (14.342)	0.805" (20.402)	100
190-00134	SNP3GHS0M4		0.396 " (10.016)	0.45 " (11.446)	0.234" (5.959)	0.07 " (1.818)	0.567" (14.342)	0.805" (20.402)	1000
192-10040	SNP4GH0C2	SNP4	0.413 " (10.527)	0.462 " (11.753)	0.235" (5.959)	0.067 " (1.717)	0.529" (13.433)	0.756" (19.19)	100
190-00167	SNP4GHS0M4		0.413 " (10.527)	0.462 " (11.753)	0.235" (5.959)	0.067 " (1.717)	0.529" (13.433)	0.756" (19.19)	1000
192-10060	SNP6GHS0C2	SNP6	0.459 " (11.651)	0.522 " (13.286)	0.235" (5.959)	0.07 " (1.818)	0.578" (14.645)	0.846" (21.513)	100
190-00186	SNP6GHS0M4		0.459 " (11.651)	0.522 " (13.286)	0.235" (5.959)	0.07 " (1.818)	0.578" (14.645)	0.846" (21.513)	1000
192-10070	SNP7GHS0C2	SNP7	0.463 " (11.753)	0.558 " (14.206)	0.235" (5.959)	0.07 " (1.818)	0.653" (16.564)	0.981" (24.947)	100
190-00202	SNP7GHS0M4		0.463 " (11.753)	0.558 " (14.206)	0.235" (5.959)	0.07 " (1.818)	0.653" (16.564)	0.981" (24.947)	1000
192-10080	SNP8GHS0C2	SNP8	0.524 " (13.286)	0.599 " (15.228)	0.233" (5.959)	0.07 " (1.818)	0.653" (16.564)	0.981" (24.947)	100
190-00222	SNP8GHS0M4		0.524 " (13.286)	0.599 " (15.228)	0.233" (5.959)	0.07 " (1.818)	0.653" (16.564)	0.981" (24.947)	1000
192-10100	SNP10GHS0C2	SNP10	0.582 " (14.819)	0.664 " (16.863)	0.235" (5.959)	0.069 " (1.717)	0.682" (17.372)	1.038" (26.361)	100
190-00043	SNP10GHS0M4		0.582 " (14.819)	0.664 " (16.863)	0.235" (5.959)	0.069 " (1.717)	0.682" (17.372)	1.038" (26.361)	1000
190-00254	SNP12AGHS0C2	SNP12A	.626 " (15.9)	.716 " (18.2)	.233" (5.92)	.070 " (1.78)	.816" (20.7)	1.172" (29.8)	100
190-00255	SNP12AGHS0M4		.626 " (15.9)	.716 " (18.2)	.233" (5.92)	.070 " (1.78)	.816" (20.7)	1.172" (29.8)	1000
190-00300	SNP14AGHS0C2	SNP14A	0.729 " (18.52)	0.827 " (21.01)	0.234" (5.94)	0.070 " (1.78)	0.823" (20.9)	1.185" (30.1)	100
190-00301	SNP14AGHS0M4		0.729 " (18.52)	0.827 " (21.01)	0.234" (5.94)	0.070 " (1.78)	0.823" (20.9)	1.185" (30.1)	1000
192-10160	SNP16GHS0C2	SNP16	0.776 " (19.735)	0.867 " (21.973)	0.234" (5.959)	0.068 " (1.717)	0.795" (20.2)	1.222" (31.209)	100
190-00076	SNP16GHS0M4		0.776 " (19.735)	0.867 " (21.973)	0.234" (5.959)	0.068 " (1.717)	0.795" (20.2)	1.222" (31.209)	1000
190-00258	SNP18AGHS0C2	SNP18A	.802 " (20.4)	.940 " (23.9)	.240" (6.1)	.070 " (1.78)	.958" (24.3)	1.418" (36)	100
190-00259	SNP18AGHS0M4		.802 " (20.4)	.940 " (23.9)	.240" (6.1)	.070 " (1.78)	.958" (24.3)	1.418" (36)	1000

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. Snapper performance varies on application and environmental factors; end use testing is highly recommended.

Snapper Hose Clamps

Polyamide 6.6 Glass Filled Impact Modified Heat Stabilized (*continued*)

Material Data

Material	Polyamide 6.6 glass filled impact modified heat stabilized (PA66GF13%)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C)
Color	Black
Flammability	UL94 HB



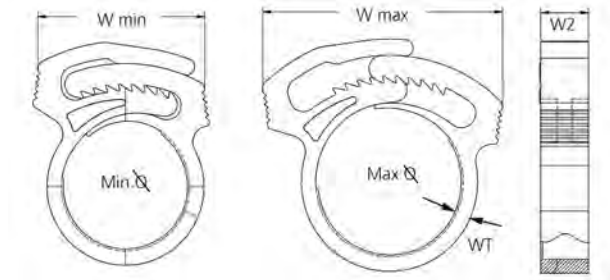
Product Selection

Article No.	Part No.	Type	Min. Ø	Max. Ø	Width (W2)	Wall Thickness (WT)	Width (W) Min.	Width (W) Max.	Pkg. Qty.
					in. (mm)	in. (mm)	in. (mm)	in. (mm)	
190-00090	SNP19GHS0C2	SNP19	0.878 " (22.28)	1.011 " (25.652)	0.234" (5.959)	0.071 " (1.818)	0.908" (23.028)	1.423" (36.158)	100
190-00093	SNP19GHS0M4		0.878 " (22.28)	1.011 " (25.652)	0.234" (5.959)	0.071 " (1.818)	0.908" (23.028)	1.423" (36.158)	1000
192-10220	SNP22GHS0C2	SNP22	0.948 " (24.119)	1.096 " (27.798)	0.236" (5.959)	0.071 " (1.818)	0.941" (23.937)	1.488" (37.774)	100
190-00111	SNP22GHS0M4		0.948 " (24.119)	1.096 " (27.798)	0.236" (5.959)	0.071 " (1.818)	0.941" (23.937)	1.488" (37.774)	1000
192-10240	SNP24GHS0C2	SNP24	1.007 " (25.55)	1.16 " (29.434)	0.295" (7.474)	0.07 " (1.818)	0.973" (24.745)	1.538" (39.087)	100
190-00119	SNP24GHS0H4		1.007 " (25.55)	1.16 " (29.434)	0.295" (7.474)	0.07 " (1.818)	0.973" (24.745)	1.538" (39.087)	500
190-00127	SNP28GHS0C2	SNP28	1.148 " (29.127)	1.325 " (33.624)	0.291" (7.373)	0.069 " (1.717)	1.018" (25.856)	1.647" (41.814)	100
190-00128	SNP28GHS0H4		1.148 " (29.127)	1.325 " (33.624)	0.291" (7.373)	0.069 " (1.717)	1.018" (25.856)	1.647" (41.814)	500
192-10320	SNP32GHS0K2	SNP32	1.245 " (31.58)	1.436 " (36.485)	0.29" (7.373)	0.069 " (1.717)	1.075" (27.27)	1.741" (44.238)	50
190-00140	SNP32GHS0H4		1.245 " (31.58)	1.436 " (36.485)	0.29" (7.373)	0.069 " (1.717)	1.075" (27.27)	1.741" (44.238)	500
190-00244	SNP33GHS0K2	SNP33	1.311 " (33.317)	1.63 " (41.391)	0.293" (7.474)	0.068 " (1.717)	1.58" (9.797)	2.542" (64.539)	50
190-00148	SNP33GHS0H4		1.311 " (33.317)	1.63 " (41.391)	0.293" (7.474)	0.068 " (1.717)	1.58" (9.797)	2.542" (64.539)	500
190-00149	SNP34GHS0K2	SNP34	1.367 " (34.748)	1.6 " (40.676)	0.295" (7.474)	0.069 " (1.717)	1.198" (30.401)	1.986" (50.399)	50
190-00150	SNP34GHS0H4		1.367 " (34.748)	1.6 " (40.676)	0.295" (7.474)	0.069 " (1.717)	1.198" (30.401)	1.986" (50.399)	500
192-10360	SNP36GHS0K2	SNP36	1.504 " (38.223)	1.762 " (44.764)	0.29" (7.373)	0.068 " (1.717)	1.274" (32.32)	2.113" (53.631)	50
190-00158	SNP36GHS0H4		1.504 " (38.223)	1.762 " (44.764)	0.29" (7.373)	0.068 " (1.717)	1.274" (32.32)	2.113" (53.631)	500
192-10380	SNP38GHS0K2	SNP38	1.629 " (41.391)	1.903 " (48.341)	0.294" (7.474)	0.069 " (1.717)	1.362" (34.643)	2.261" (57.469)	50
190-00163	SNP38GHS0H4		1.629 " (41.391)	1.903 " (48.341)	0.294" (7.474)	0.069 " (1.717)	1.362" (34.643)	2.261" (57.469)	500
191-00005	SNP42NGHS0K2	SNP42N	1.768 " (44.866)	2.054 " (52.224)	0.358" (9.09)	0.069 " (1.717)	1.383" (35.148)	2.325" (59.085)	50
191-00008	SNP42NGHS0C2		1.768 " (44.866)	2.054 " (52.224)	0.358" (9.09)	0.069 " (1.717)	1.383" (35.148)	2.325" (59.085)	100
192-10500	SNP50GHS0C2	SNP50	2.042 " (51.92)	2.327 " (59.07)	0.294" (7.474)	0.068 " (1.717)	1.425" (36.158)	2.364" (60.095)	100
190-00197	SNP60GHS0C2	SNP60	2.308 " (58.66)	2.639 " (67.04)	0.294" (7.474)	0.068 " (1.717)	1.463" (38.481)	2.585" (65.65)	100
190-00209	SNP70GHS0C2	SNP70	2.562 " (65.10)	2.961 " (75.22)	0.374" (9.494)	0.078 " (2.02)	1.834" (46.561)	3.02" (76.659)	100
190-00215	SNP76GHS0C2	SNP76	2.901 " (73.69)	3.276 " (83.19)	0.391" (9.898)	0.067 " (1.717)	1.704" (43.329)	2.862" (72.72)	100
190-00229	SNP80GHS0C2	SNP80	3.224 " (81.86)	3.600 " (91.47)	0.453" (11.514)	0.101 " (2.525)	1.913" (48.581)	3.171" (80.598)	100
190-00249	SNP90GHS0C2	SNP90	3.583 " (91.06)	4.008 " (101.79)	0.389" (9.898)	0.068 " (1.717)	1.936" (49.187)	3.236" (82.214)	100
192-11000	SNP100GHS0X2	SNP100	3.956 " (100.46)	4.491 " (114.06)	0.398" (10.1)	0.099 " (2.424)	2.068" (52.52)	3.543" (89.991)	25
190-00053	SNP101GHS0X2	SNP101	4.121 " (104.65)	4.718 " (119.88)	0.446" (11.312)	0.099 " (2.525)	2.426" (61.61)	4.261" (108.272)	25

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Snapper performance varies on application and environmental factors; end use testing is highly recommended.

Snapper Hose Clamps Polyacetal (POM)



Material Data	
Material	Polyacetal (POM)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C)
Color	White
Flammability	UL94 HB



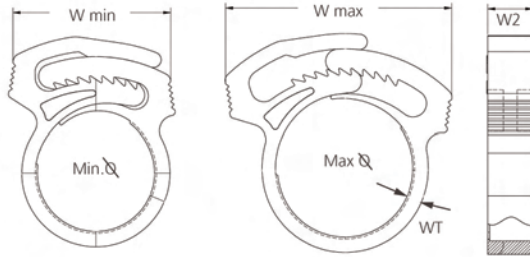
Product Selection

Article No.	Part No.	Type	Min. Ø	Max. Ø	Width (W2)	Wall Thickness (WT)	Width (W) Min.	Width (W) Max.	Pkg. Qty.
					in. (mm)	in. (mm)	in. (mm)	in. (mm)	
190-00022	SNP110C2	SNP1	0.228 " (5.8)	0.256 " (6.5)	0.148" (3.8)	0.04 " (1)	0.32" (8.1)	0.451" (11.5)	100
190-00023	SNP110M4		0.228 " (5.8)	0.256 " (6.5)	0.148" (3.8)	0.04 " (1)	0.32" (8.1)	0.451" (11.5)	1000
190-00027	SNP1.2510C2	SNP1.25	0.269 " (6.8)	0.291 " (7.4)	0.149" (3.8)	0.042 " (1.1)	0.404" (10.3)	0.486" (12.3)	100
190-00028	SNP1.2510M4		0.269 " (6.8)	0.291 " (7.4)	0.149" (3.8)	0.042 " (1.1)	0.404" (10.3)	0.486" (12.3)	1000
190-00033	SNP1.510C2	SNP1.5	0.307 " (7.8)	0.342 " (8.7)	0.146" (3.7)	0.054 " (1.4)	0.41" (10.4)	0.587" (14.9)	100
190-00034	SNP1.510M4		0.307 " (7.8)	0.342 " (8.7)	0.146" (3.7)	0.054 " (1.4)	0.41" (10.4)	0.587" (14.9)	1000
190-00101	SNP210C2	SNP2	0.351 " (8.9)	0.394 " (10)	0.231" (5.9)	0.067 " (1.7)	0.472" (12)	0.672" (17.1)	100
190-00102	SNP210M4		0.351 " (8.9)	0.394 " (10)	0.231" (5.9)	0.067 " (1.7)	0.472" (12)	0.672" (17.1)	1000
190-00135	SNP310C2	SNP3	0.387 " (9.8)	0.44 " (11.2)	0.232" (5.9)	0.069 " (1.8)	0.561" (14.2)	0.797" (20.2)	100
190-00136	SNP310M4		0.387 " (9.8)	0.44 " (11.2)	0.232" (5.9)	0.069 " (1.8)	0.561" (14.2)	0.797" (20.2)	1000
190-00165	SNP410C2	SNP4	0.404 " (10.3)	0.452 " (11.5)	0.233" (5.9)	0.066 " (1.7)	0.524" (13.3)	0.749" (19)	100
190-00170	SNP410M4		0.404 " (10.3)	0.452 " (11.5)	0.233" (5.9)	0.066 " (1.7)	0.524" (13.3)	0.749" (19)	1000
190-00187	SNP610C2	SNP6	0.449 " (11.4)	0.511 " (13)	0.233" (5.9)	0.069 " (1.8)	0.572" (14.5)	0.838" (21.3)	100
190-00190	SNP610M4		0.449 " (11.4)	0.511 " (13)	0.233" (5.9)	0.069 " (1.8)	0.572" (14.5)	0.838" (21.3)	1000
190-00204	SNP710C2	SNP7	0.453 " (11.5)	0.546 " (13.9)	0.233" (5.9)	0.069 " (1.8)	0.647" (16.4)	0.971" (24.7)	100
190-00206	SNP710M4		0.453 " (11.5)	0.546 " (13.9)	0.233" (5.9)	0.069 " (1.8)	0.647" (16.4)	0.971" (24.7)	1000
190-00224	SNP810C2	SNP8	0.513 " (13)	0.586 " (14.9)	0.231" (5.9)	0.069 " (1.8)	0.647" (16.4)	0.971" (24.7)	100
190-00226	SNP810M4		0.513 " (13)	0.586 " (14.9)	0.231" (5.9)	0.069 " (1.8)	0.647" (16.4)	0.971" (24.7)	1000
190-00045	SNP1010C2	SNP10	0.569 " (14.5)	0.65 " (16.5)	0.233" (5.9)	0.068 " (1.7)	0.675" (17.2)	1.028" (26.1)	100
190-00046	SNP1010M4		0.569 " (14.5)	0.65 " (16.5)	0.233" (5.9)	0.068 " (1.7)	0.675" (17.2)	1.028" (26.1)	1000
190-00252	SNP12A10C2	SNP12A	.615 " (15.62)	.704 " (17.88)	.233" (5.92)	.070 " (1.78)	.802" (20.37)	1.152" (29.26)	100
190-00253	SNP12A10M4		.615 " (15.62)	.704 " (17.88)	.233" (5.92)	.070 " (1.78)	.802" (20.37)	1.152" (29.26)	1000
190-00302	SNP14A10C2	SNP14A	0.714 " (18.4)	0.810 " (20.57)	0.233" (5.92)	0.069 " (1.75)	0.805" (20.45)	1.157" (29.39)	100
190-00303	SNP14A10M4		0.714 " (18.4)	0.810 " (20.57)	0.233" (5.92)	0.069 " (1.75)	0.805" (20.45)	1.157" (29.39)	1000
190-00077	SNP1610C2	SNP16	0.759 " (19.31)	0.848 " (21.5)	0.232" (5.9)	0.067 " (1.7)	0.787" (20)	1.21" (30.9)	100
190-00079	SNP1610M4		0.759 " (19.31)	0.848 " (21.5)	0.232" (5.9)	0.067 " (1.7)	0.787" (20)	1.21" (30.9)	1000
181-00256	SNP18A10C2	SNP18A	.790 " (20)	.933 " (23.7)	.239" (6.07)	.067 " (1.7)	.940" (23.9)	1.391" (35.3)	100
190-00257	SNP18A10M4		.790 " (20)	.933 " (23.7)	.239" (6.07)	.067 " (1.7)	.940" (23.9)	1.391" (35.3)	1000

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Acetal black is also available based upon minimum volume requirements. Snapper performance varies on application and environmental factors; end use testing is highly recommended.

Snapper Hose Clamps Polyacetal (POM) (continued)



Material Data	
Material	Polyacetal (POM)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C)
Color	White
Flammability	UL94 HB



Product Selection					Width (W2)	Wall Thickness (WT)	Width (W) Min.	Width (W) Max.	Pkg. Qty.
Article No.	Part No.	Type	Min. Ø	Max. Ø	in. (mm)	in. (mm)	in. (mm)	in. (mm)	
190-00094	SNP1910C2	SNP19	0.859 " (21.8)	0.989 " (25.1)	0.232" (5.9)	0.07 " (1.8)	0.899" (22.8)	1.409" (35.8)	100
190-00095	SNP1910M4		0.859 " (21.8)	0.989 " (25.1)	0.232" (5.9)	0.07 " (1.8)	0.899" (22.8)	1.409" (35.8)	1000
190-00113	SNP2210C2	SNP22	0.928 " (23.6)	1.072 " (27.2)	0.234" (5.9)	0.07 " (1.8)	0.932" (23.7)	1.473" (37.4)	100
190-00114	SNP2210M4		0.928 " (23.6)	1.072 " (27.2)	0.234" (5.9)	0.07 " (1.8)	0.932" (23.7)	1.473" (37.4)	1000
190-00121	SNP2410C2	SNP24	0.985 " (25)	1.135 " (28.8)	0.292" (7.4)	0.069 " (1.8)	0.963" (24.5)	1.523" (38.7)	100
190-00122	SNP2410H4		0.985 " (25)	1.135 " (28.8)	0.292" (7.4)	0.069 " (1.8)	0.963" (24.5)	1.523" (38.7)	500
190-00124	SNP2810C2	SNP28	1.123 " (28.5)	1.296 " (32.9)	0.288" (7.3)	0.068 " (1.7)	1.008" (25.6)	1.631" (41.4)	100
190-00125	SNP2810H4		1.123 " (28.5)	1.296 " (32.9)	0.288" (7.3)	0.068 " (1.7)	1.008" (25.6)	1.631" (41.4)	500
190-00142	SNP3210K2	SNP32	1.218 " (30.9)	1.405 " (35.7)	0.287" (7.3)	0.068 " (1.7)	1.064" (27)	1.724" (43.8)	50
190-00143	SNP3210H4		1.218 " (30.9)	1.405 " (35.7)	0.287" (7.3)	0.068 " (1.7)	1.064" (27)	1.724" (43.8)	500
190-00146	SNP3310K2	SNP33	1.283 " (32.6)	1.595 " (40.5)	0.29" (7.4)	0.067 " (1.7)	1.564" (9.7)	2.517" (63.9)	50
190-00147	SNP3310H4		1.283 " (32.6)	1.595 " (40.5)	0.29" (7.4)	0.067 " (1.7)	1.564" (9.7)	2.517" (63.9)	500
190-00151	SNP3410K2	SNP34	1.338 " (34)	1.566 " (39.8)	0.292" (7.4)	0.068 " (1.7)	1.186" (30.1)	1.966" (49.9)	50
190-00152	SNP3410H4		1.338 " (34)	1.566 " (39.8)	0.292" (7.4)	0.068 " (1.7)	1.186" (30.1)	1.966" (49.9)	500
190-00157	SNP3610K2	SNP36	1.472 " (37.4)	1.724 " (43.8)	0.287" (7.3)	0.067 " (1.7)	1.261" (32)	2.092" (53.1)	50
190-00156	SNP3610H4		1.472 " (37.4)	1.724 " (43.8)	0.287" (7.3)	0.067 " (1.7)	1.261" (32)	2.092" (53.1)	500
190-00162	SNP3810K2	SNP38	1.594 " (40.5)	1.862 " (47.3)	0.291" (7.4)	0.068 " (1.7)	1.349" (34.3)	2.239" (56.9)	50
190-00245	SNP3810H4		1.594 " (40.5)	1.862 " (47.3)	0.291" (7.4)	0.068 " (1.7)	1.349" (34.3)	2.239" (56.9)	500
190-00247	SNP42N10K2	SNP42N	1.73 " (43.9)	2.01 " (51.1)	0.354" (9)	0.068 " (1.7)	1.369" (34.8)	2.302" (58.5)	50
190-00246	SNP42N10C2		1.73 " (43.9)	2.01 " (51.1)	0.354" (9)	0.068 " (1.7)	1.369" (34.8)	2.302" (58.5)	100
190-00248	SNP5010C2	SNP50	1.999 " (50.8)	2.277 " (57.8)	0.291" (7.4)	0.067 " (1.7)	1.411" (35.8)	2.341" (59.5)	100
190-00196	SNP6010C2	SNP60	2.259 " (57.4)	2.582 " (65.6)	0.291" (7.4)	0.067 " (1.7)	1.449" (38.1)	2.559" (65)	100
190-00212	SNP7010C2	SNP70	2.507 " (63.7)	2.897 " (73.6)	0.37" (9.4)	0.077 " (2)	1.816" (46.1)	2.99" (75.9)	100
190-00217	SNP7610C2	SNP76	2.839 " (72.1)	3.206 " (81.4)	0.387" (9.8)	0.066 " (1.7)	1.687" (42.9)	2.834" (72)	100
190-00231	SNP8010C2	SNP80	3.155 " (80.1)	3.523 " (89.5)	0.449" (11.4)	0.1 " (2.5)	1.894" (48.1)	3.14" (79.8)	100
190-00233	SNP9010C2	SNP90	3.506 " (89.1)	3.922 " (99.6)	0.385" (9.8)	0.067 " (1.7)	1.917" (48.7)	3.204" (81.4)	100
190-00052	SNP10010X2	SNP100	3.871 " (98.3)	4.395 " (111.6)	0.394" (10)	0.098 " (2.4)	2.048" (52)	3.508" (89.1)	25
190-00250	SNP10110X2	SNP101	4.033 " (102.4)	4.617 " (117.3)	0.442" (11.2)	0.098 " (2.5)	2.402" (61)	4.219" (107.2)	25

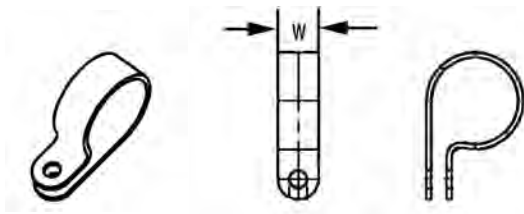
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Clamps

Clamps and Clips

P Clamps

HellermannTyton's P clamps are designed for locating wires, cables, and components in instruments, appliances, and electrical apparatus. These injection molded clamps are used for both internal and external installations. The inside edges are radiused to prevent cutting into cable insulation.



Material Data

Material	Polyamide 6.6 heat stabilized (PA66HS)
Color	Black
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C)
Flammability	UL94 V2



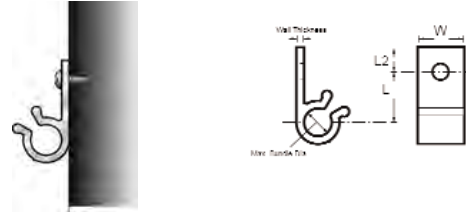
Product Selection

Article No.	Part No.	Type	Max. Ø Bundle	Width (W)	Mounting Hole Centers	Mounting Hole Ø	Radius	Pkg. Qty.
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	
211-60000	211-60000	H1P	.125" (3.2)	.393" (10.0)	.3346" (8.5)	.1654" (4.2)	.01969" (0.5)	100
211-60010	211-60010	H1P	.125" (3.2)	.393" (10.0)	.3346" (8.5)	.1654" (4.2)	.01969" (0.5)	1000
211-60001	211-60001	H2P	.196" (5.0)	.3937" (10.0)	.375" (9.5)	.1654" (4.2)	.03937" (1.0)	100
211-60020	211-60020	H2P	.196" (5.0)	.3937" (10.0)	.375" (9.5)	.1654" (4.2)	.03937" (1.0)	1000
211-60002	211-60002	H3P	.255" (6.5)	.3937" (10.0)	.3937" (10.0)	.1654" (4.2)	.03937" (1.0)	100
211-60040	211-60040	H3P	.255" (6.5)	.3937" (10.0)	.3937" (10.0)	.1654" (4.2)	.03937" (1.0)	1000
211-60003	211-60003	H4P	.314" (8.0)	.3937" (10.0)	.3937" (10.0)	.1654" (4.2)	.03937" (1.0)	100
211-60050	211-60050	H4P	.314" (8.0)	.3937" (10.0)	.3937" (10.0)	.1654" (4.2)	.03937" (1.0)	1000
211-60005	211-60005	H6P	.433" (11.0)	.3937" (10.0)	.5118" (13.0)	.1654" (4.2)	.03937" (1.0)	100
211-60061	211-60061	H6P	.433" (11.0)	.3937" (10.0)	.5118" (13.0)	.1654" (4.2)	.03937" (1.0)	1000
211-60006	211-60006	H7P	.492" (12.5)	.3937" (10.0)	.5512" (14.0)	.1654" (4.2)	.05906" (1.5)	100
211-60078	211-60078	H7P	.492" (12.5)	.3937" (10.0)	.5512" (14.0)	.1654" (4.2)	.05906" (1.5)	1000
211-60007	211-60007	H8P	.55" (14.0)	.3937" (10.0)	.5906" (15.0)	.1654" (4.2)	.05906" (1.5)	100
211-60090	211-60090	H8P	.55" (14.0)	.3937" (10.0)	.5906" (15.0)	.1654" (4.2)	.05906" (1.5)	1000
211-60098	211-60098	H9P	.629" (16.0)	.3937" (10.0)	.63" (16.0)	.1654" (4.2)	.05906" (1.5)	1000
211-60110	211-60110	H10P	.688" (17.5)	.3937" (10.0)	.6693" (17.0)	.1654" (4.2)	.05906" (1.5)	1000
211-60120	211-60120	H11P	.748" (19.0)	.3937" (10.0)	.7087" (18.0)	.1654" (4.2)	.07874" (2.0)	1000
211-60130	211-60130	H12P	.807" (20.5)	.3937" (10.0)	.748" (19.0)	.1654" (4.2)	.07874" (2.0)	1000
211-60140	211-60140	H13P	.866" (22.0)	.4724" (12.0)	.8071" (20.5)	.2047" (5.2)	.07874" (2.0)	1000
211-60150	211-60150	H14P	.944" (24.0)	.4724" (12.0)	.8465" (21.5)	.2047" (5.2)	.07874" (2.0)	1000
211-60160	211-60160	H15P	1.003" (25.5)	.4724" (12.0)	.9055" (23.0)	.2047" (5.2)	.09843" (2.5)	1000

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Screw Mount Cable Clips

Available in three sizes, HellermannTyton screw mount clips offer quick, snap-in action. These clips allow for easy release for wiring changes or replacements, saving both time and money.



Material Data

Material	Polyacetal (POM)
Color	Black
Operating Temperature	-40 °F to +194 °F (-40 °C to +90 °C)
Flammability	UL94 HB



Product Selection

Article No.	Part No.	Type	Length (L)	Length (L2)	Width (W)	Max. Ø Bundle	Mounting Hole Ø	Wall Thickness	Pkg. Qty.
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	
211-70200	D10H4	8D10	.67" (17.0)	.31" (8.0)	.60" (15.0)	.40" (10.0)	.31" (8.0)	.08" (2.0)	500
211-70203	D15L4	8D15	1" (25.0)	.40" (10.0)	.60" (15.0)	.60" (15.0)	.31" (8.0)	.08" (2.0)	200
211-70204	D20L4	8D20	1.10" (28.0)	.40" (10.0)	.60" (15.0)	.78" (20.0)	.31" (8.0)	.10" (2.5)	200

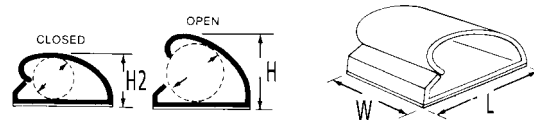
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

WAC Adhesive

WAC Adhesive clamps offer a fast, convenient, low cost method of routing wires and cables. The easy to install adhesive system eliminates the time and expense of drilling holes. Ideal for economical wire and cable retention applications. Extruded from PVC. For 0.5" to 1" bundles.

Material Data

Material	PVC (Polyvinylchloride)
Color	Gray
Operating Temperature	-20 °F to +150 °F (-28 °C to +65 °C)
Flammability	UL94 V0 (excluding adhesive)



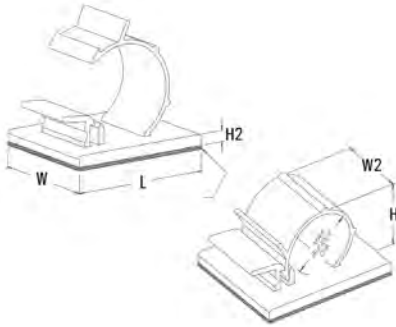
Product Selection

Article No.	Part No.	Type	Min. Ø Bundle	Max. Ø Bundle	Length (L)	Width (W)	Height (H)	Height (H2)	Pkg. Qty.
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	
151-00667	151-00667	WACO75	0.5" (12.7)	0.75" (19.1)	1.13" (28.7)	1" (25.4)	0.62" (15.75)	1.05" (26.7)	500
151-00668	151-00668	WAC100	0.75" (19.1)	1.0" (25.4)	1.5" (38.1)	1.25" (31.75)	0.85" (21.59)	1.39" (34.3)	500

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Series 12 Cable Clips

HellermannTyton's Series 12 cable clamps feature an exclusive quick lock/release for simplified wire installations. The easy to install adhesive system allows for faster assembly. Series 12 clamps can be used for various electrical, electronic and electromechanical applications. For bundles up to 3/4".



Material Data

Material	Polyamide 6.6 (PA66)
Color	Gray
Operating Temperature	-40 °F to +150 °F (-40 °C to +65 °C)
Flammability	UL94 V2 (excluding adhesive)



Product Selection

Article No.	Part No.	Type	Max. Ø Bundle	Length (L)	Width (W)	Width (W2)	Height (H)	Height (H2)	Pkg. Qty.
				in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	
151-00274	12-0188C2	12-0188	.188"	.62"	.74"	.39"	.335"	.08"	100
151-00275	12-0188M4	12-0188	(4.78)	(15.75)	(18.8)	(9.91)	(8.51)	(18.67)	1000
151-00268	12-0250C2	12-0250	.25"	.87"	1"	.63"	.42"	.100"	100
151-00269	12-0250M4	12-0250	(6.35)	(22.1)	(25.4)	(16)	(10.67)	(2.54)	1000
151-00270	12-0375C2	12-0375	.375"	1"	1"	.63"	.5"	.11"	100
151-00271	12-0375M4	12-0375	(9.53)	(25.4)	(25.4)	(16)	(12.7)	(2.8)	1000
151-00272	12-500C2	12-0500	.5"	1.21"	1"	.64"	.68"	.11"	100
151-00273	12-500M4	12-0500	(12.70)	(30.7)	(25.4)	(16.26)	(17.27)	(2.79)	1000
151-00276	12-0750C2	12-0750	.75"	1.45"	1.15"	.64"	.99"	.125"	100
151-00277	12-0750M4	12-0750	(19.10)	(36.83)	(29.21)	(16.26)	(25.15)	(3.18)	500

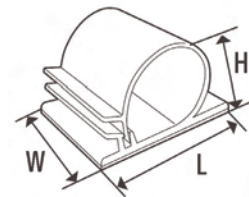
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Series 22 Clamps

Series 22 round clamps are an attractive, low cost alternative recommended where the exceptionally high performance series 12 clamps are not needed. Series 22 wire clamps are constructed of precision extruded PVC and easy to install adhesive system. They provide the same basic advantages as the series 12 clamps. For bundles up to 3/4".

Material Data

Material	PVC (Polyvinylchloride)
Color	Black
Operating Temperature	-20 °F to +150 °F (-28 °C to +65 °C)
Flammability	UL94 V0 (excluding adhesive)



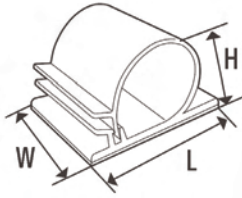
Product Selection

Article No.	Part No.	Type	Max. Ø Bundle	Length (L)	Width (W)	Height (H)	Pkg. Qty.
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	
151-00250	22-0188M4	22-0188	.188" (4.76)	.750" (19.05)	1" (25.4)	.337" (8.56)	1000
151-00251	22-0250M4	22-0250	.250" (6.35)	1.02" (25.91)	1" (25.4)	.420" (10.67)	1000
151-00252	22-0375M4	22-0375	.375" (9.53)	1" (25.4)	1" (25.4)	.551" (14)	1000
151-00253	22-0500M4	22-0500	.500" (12.7)	1.25" (31.75)	1" (25.4)	.701" (17.81)	1000
151-00254	22-0625H4	22-0625	.625" (15.87)	1.25" (31.75)	1.25" (31.75)	.801" (20.35)	500
151-00255	22-0750C2	22-0750	.750" (19.05)	1.5" (38.1)	1.5" (38.1)	.966" (24.54)	100

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Series 32 Clamps

The series 32 clamps have a narrower width than the series 22 clamps, making them compact and ideal for installations in cramped quarters. Series 32 wire clamps are constructed of precision extruded PVC and easy to install adhesive system. They provide the same basic advantages as the series 12 clamps. For bundles up to 3/4".



Material Data

Material	PVC (Polyvinylchloride)
Color	Black
Operating Temperature	-20 °F to +150 °F (-28 °C to +65 °C)
Flammability	UL94 V0 (excluding adhesive)



Product Selection

Article No.	Part No.	Type	Max. Ø Bundle	Length (L)	Width (W)	Height (H)	Pkg. Qty.
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	
151-00256	32-0188M4	32-0188	.188" (4.76)	.750" (19.05)	.500" (12.7)	.337" (8.56)	1000
151-00257	32-0250M4	32-0250	.250" (6.35)	1.02" (25.91)	.500" (12.7)	.420" (10.67)	1000
151-00258	32-0375M4	32-0375	.375" (9.53)	1" (25.4)	.500" (12.7)	.551" (14)	1000
151-00259	32-0500M4	32-0500	.500" (12.7)	1.25" (31.75)	.500" (12.7)	.701" (17.81)	1000
151-00260	32-0625H4	32-0625	.625" (15.87)	1.25" (31.75)	.625" (15.87)	.801" (20.35)	500
151-00261	32-0750C2	32-0750	.750" (19.05)	1.5" (38.1)	.750" (19.05)	.966" (24.54)	100

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

RB Clips

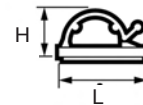
RB self-adhesive clips are ideal for cable and pipe bundles. Bundles are easily snapped into or out of clips. The RB clips suit diameters of 1/8", 5/16", and 1/2".



Adhesive clips come in pairs connected together on adhesive liner.

Material Data

Material	Polyamide 6.6 (PA66)
Color	Natural
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C)
Flammability	UL94 V2 (excluding adhesive)



Product Selection

Article No.	Part No.	Type	Max. Ø Bundle	Length (L)	Width (W)	Height (H)	Pkg. Qty.
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	
151-14005	RB5H4	RB5	.1969" (5.0)	.75" (19.0)	.75" (19.0)	.24" (6.0)	500
151-13608	RB8L4	RB8	.315" (8.0)	1" (25.0)	1" (25.0)	.45" (11.5)	200
151-00506	RB14L4	RB14	.5512" (14.0)	1.307" (33.2)	1.079" (27.4)	.63" (16.0)	200

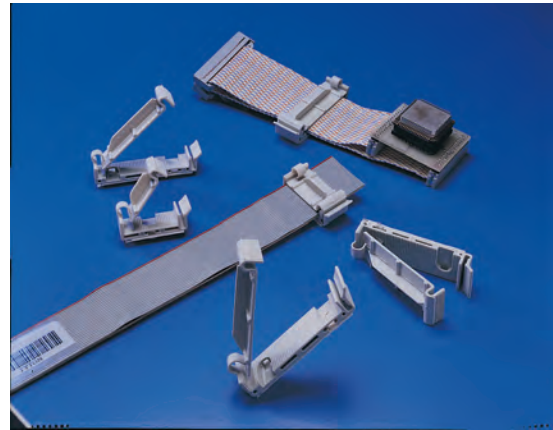
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Dual Adjustable Flat Ribbon Cable Clamps

Designed to route, protect and secure flat ribbon cables in computers, electronics, panels and components, this unique adjustable clamp will not damage sensitive wire and cable. The clamp will adjust and close to the exact height of the ribbon cable, using only as much force as needed to secure the cable. The clamp is releasable on demand and adjustable on both sides. The low profile design allows for use in confined areas where space is a premium.

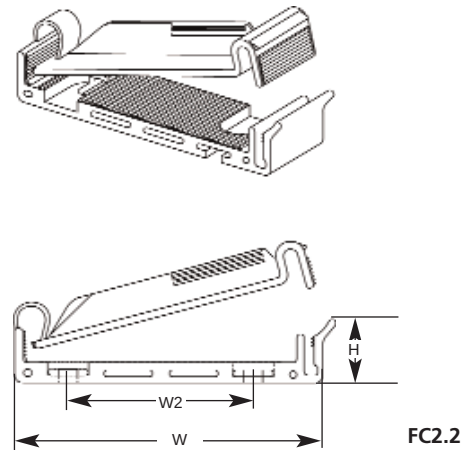
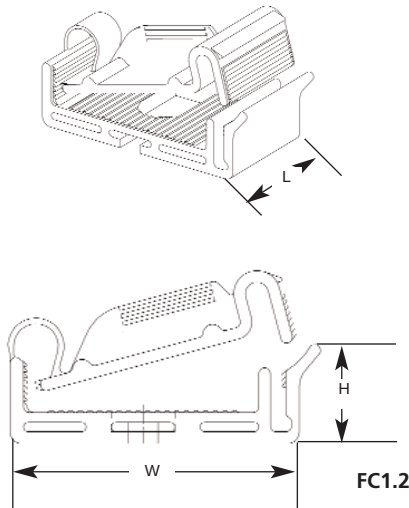
The clamp is adjustable so that single or stacked cable can be routed. The "snap clamp" design of this flat ribbon clamp makes it an excellent choice for specification and installation.

Both adhesive backed and non-adhesive screw mount versions are available.



Material Data

Material	Polyamide 6.6 (PA66)
Color	Telecom Gray
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C)
Flammability	UL94 V2 (excluding adhesive)



Product Selection

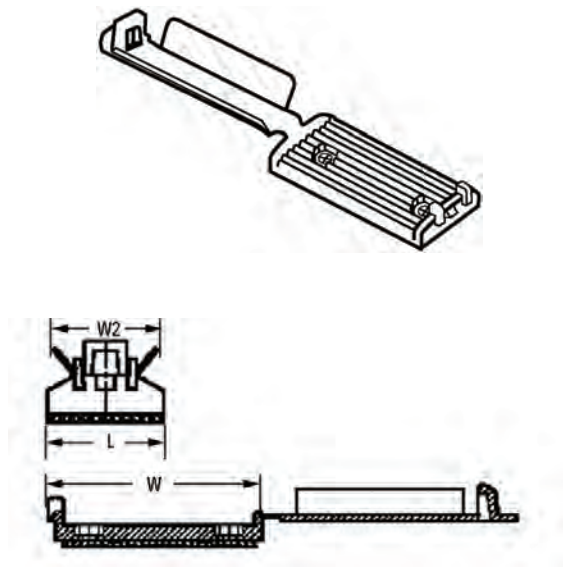
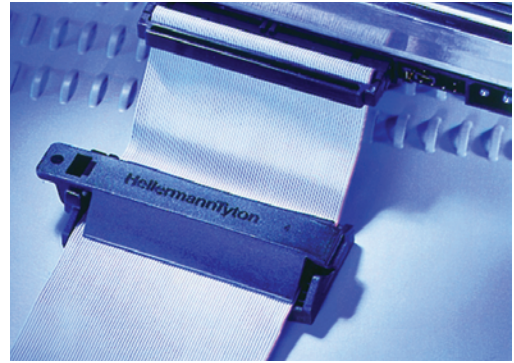
Product Selection															
Article No.	Part No.	Type	Length (L)		Width (W)		Width (W2)		Height (H)		Mounting Hole Ø		Max Cable Width		Pkg. Qty.
			in. (mm)		in. (mm)		in. (mm)		in. (mm)		in. (mm)		in. (mm)		
Adhesive															
154-00013	FC1.2AK2	FC1.2A	.75"	(19)	1.5"	(38.1)	n/a	n/a	.51"	(13.1)	n/a	n/a	1.2 "	(30.48)	50
154-00012	FC1.2AH4	FC1.2A	.75"	(19)	1.5"	(38.1)	n/a	n/a	.51"	(12.9)	n/a	n/a	1.2 "	(30.48)	500
154-00017	FC2.2AK2	FC2.2A	.75"	(19)	2.5"	(63.5)	n/a	n/a	.51"	(12.75)	n/a	n/a	2.0 "	(50.8)	50
154-00016	FC2.2AH4	FC2.2A	.75"	(19)	2.5"	(63.5)	n/a	n/a	.51"	(12.75)	n/a	n/a	2.0 "	(50.8)	500
Non-Adhesive															
154-00011	FC1.2K2	FC1.2	.75"	(19)	1.5"	(38.1)	n/a	n/a	.51"	(12.9)	138"	(6.0)	1.2 "	(30.48)	50
154-00010	FC1.2H4	FC1.2	.75"	(19)	1.5"	(38.1)	n/a	n/a	.51"	(12.9)	138"	(6.0)	1.2 "	(30.48)	500
154-00015	FC2.2K2	FC2.2	.75"	(19)	2.5"	(63.5)	1.5"	(38.1)	.51"	(12.95)	138"	(6.0)	2.0 "	(50.8)	50
154-00014	FC2.2H4	FC2.2	.75"	(19)	2.5"	(63.5)	1.5"	(38.1)	.51"	(12.95)	138"	(6.0)	2.0 "	(50.8)	500

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Flat Ribbon Cable Clamps

HellermannTyton's flat ribbon cable clamps secure and route flat cable, ideal for automotive and household appliance applications. Available in adhesive backed and non-adhesive screw mount versions.

- Performs well in very dry, air-conditioned areas
- The rounded edges and soft wings protect and hold the cable securely
- Clamps are offered in four sizes that are easy to fasten and unfasten



Material Data

Material	Polyamide 6.6 high impact modified (PA66HIR)
Color	Black
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C)
Flammability	UL94 HB (only clamp without adhesive)



Product Selection

Product Selection								
Article No.	Part No.	Type	Length (L)	Width (W)	Width (W2)	Mounting Hole Ø		Pkg. Qty.
			in. (mm)	in. (mm)	in. (mm)	in. (mm)		
Adhesive								
151-15250	151-15250	FKH25A	1.22" (31.0)	.98" (25.0)	.86" (22.0)	n/a	n/a	100
151-15300	151-15300	FKH30A	1.37" (35.0)	.98" (25.0)	.86" (22.0)	n/a	n/a	100
151-15500	151-15500	FKH50A	2.22" (56.6)	.98" (25.0)	.86" (22.0)	n/a	n/a	100
151-15800	151-15800	FKH80A	3.38" (86.0)	.98" (25.0)	.86" (22.0)	n/a	n/a	100
Non-Adhesive								
151-16250	151-16250	FKH25	1.22" (31.0)	.98" (25.0)	.86" (22.0)	.122" (3.1)		100
151-16300	151-16300	FKH30	1.37" (35.0)	.98" (25.0)	.86" (22.0)	.122" (3.1)		100
151-16500	151-16500	FKH50	2.22" (56.6)	.98" (25.0)	.86" (22.0)	.122" (3.1)		100
151-16800	151-16800	FKH80	3.38" (86.0)	.98" (25.0)	.86" (22.0)	.122" (3.1)		100

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.