

# STRAIGHT HOSE

## Clamps, Installation & Removal Tools



**Double ear clamps** are widely used in maintenance and OEM medium pressure applications. Their single piece construction assures a positive, tamperproof seal without damaging the hose or tubing. Double ear design permits compensations for tolerance variations in hose sizes. For proper installation, select the nominal clamp size nearest to, but slightly larger than, the outside diameter of the hose or tubing to be clamped with the insert (fitting) in place. One ear should be closed all the way. When the second ear is closed, the first ear will open slightly. This creates a spring-like action which holds against pressure, vibration and hose shrinking caused by temperature changes or aging. Available in 1008/1010 zinc-plated carbon steel or 300 Series stainless steel.

### Double Ear Clamps Ordering Information:

Nominal Size	Inches		mm		Width		Thickness		Inner Width of Ear		Zinc-Plated Model	Stainless Model
	Closed	Open	Closed	Open	Inches	mm	Inches	mm	Inches	mm		
5/32"	.122	— .161	3.1	— 4.1	.138	3.5	.0197	0.5	.0591	1.5	EC41	ES41
11/64"	.138	— .177	3.5	— 4.5	.138	3.5	.0236	0.6	.0591	1.5	EC45	n/a
3/16"	.118	— .197	3	— 5	.197	5.0	.0276	0.7	.0980	2.5	EC305	ES305
1/4"	.197	— .276	5	— 7	.236	6.0	.0276	0.7	.118	3.0	EC507	ES507
5/16"	.276	— .354	7	— 9	.276	7.0	.0394	1.0	.126	3.2	EC709	ES709
3/8"	.315	— .433	8	— 11	.276	7.0	.0394	1.0	.177	4.5	EC811	ES811
7/16"	.354	— .433	9	— 11	.276	7.0	.0394	1.0	.138	3.5	EC911	ES911
1/2"	.433	— .512	11	— 13	.276	7.0	.0394	1.0	.138	3.5	EC1113	ES1113
9/16"	.512	— .591	13	— 15	.295	7.5	.0394	1.0	.158	4.0	EC1315	ES1315
19/32"	.591	— .669	15	— 17	.315	8.0	.0473	1.2	.197	5.0	EC1517	ES1517
5/8"	.591	— .708	15	— 18	.315	8.0	.0473	1.2	.197	5.0	EC1518	ES1518
3/4"	.669	— .787	17	— 20	.335	8.5	.0473	1.2	.236	6.0	EC1720	ES1720
13/16"	.748	— .866	19	— 22	.354	9.0	.0591	1.5	.256	6.5	EC1922	ES1922
7/8"	.787	— .905	20	— 23	.354	9.0	.0591	1.5	.256	6.5	EC2023	ES2023
15/16"	.866	— .984	22	— 25	.394	10.0	.0591	1.5	.256	6.5	EC2225	ES2225
1"	.905	— 1.063	23	— 27	.394	10.0	.0591	1.5	.276	7.0	EC2327	ES2327
1 1/16"	.984	— 1.102	25	— 28	.394	10.0	.0591	1.5	.256	6.5	EC2528	ES2528
1 1/8"	1.063	— 1.220	27	— 31	.394	10.0	.0591	1.5	.295	7.5	EC2731	ES2731
1 5/16"	1.220	— 1.339	31	— 34	.394	10.0	.0591	1.5	.295	7.5	EC3134	ES3134
1 7/16"	1.339	— 1.457	34	— 37	.394	10.0	.0591	1.5	.315	8.0	EC3437	ES3437
1 1/2"	1.457	— 1.575	37	— 40	.394	10.0	.0591	1.5	.315	8.0	EC3740	ES3740
1 5/8"	1.575	— 1.693	40	— 43	.394	10.0	.0591	1.5	.335	8.5	EC4043	ES4043
1 3/4"	1.693	— 1.811	43	— 46	.394	10.0	.0591	1.5	.335	8.5	EC4346	ES4346

NOTE: Double Ear Clamps must be purchased in package quantities of twenty-five.

### Installation & Removal Tools Ordering Information:



Description	Model
Straight Ear Clamp Pincher	ST1098
Side Ear Clamp Pincher (For use in confined areas with pinchers held parallel to the hose)	NT1099

### Hose Clamps Ordering Information:

Size Range (Dia.) Min.	Max.	Band Width	Plated Model	Stainless Model
7/32"	5/8"	5/16"	HC104	HS104
5/16"	7/8"	5/16"	HC106	HS106
9/16"	1 1/4"	5/16"	HC112	HS112
11/16"	1 1/2"	5/16"	HC116	HS116
3/4"	1 3/4"	5/16"	HC120	HS120
3/8"	7/8"	9/16"	HC206	HS206
7/16"	1"	9/16"	HC208	HS208
9/16"	1 1/16"	9/16"	HC210	HS210
9/16"	1 1/4"	9/16"	HC212	HS212
11/16"	1 1/2"	9/16"	HC216	HS216
3/4"	1 3/4"	9/16"	HC220	HS220
1 1/16"	2"	9/16"	HC224	HS224
1 5/16"	2 1/4"	9/16"	HC228	HS228
1 9/16"	2 1/2"	9/16"	HC232	HS232
1 13/16"	2 3/4"	9/16"	HC236	HS236
2 1/16"	3"	9/16"	HC240	HS240
2 5/16"	3 1/4"	9/16"	HC244	HS244
2 9/16"	3 1/2"	9/16"	HC248	HS248
2 13/16"	3 3/4"	9/16"	HC252	HS252
3 1/16"	4"	9/16"	HC256	HS256
3 9/16"	4 1/2"	9/16"	HC264	HS264
4 1/16"	5"	9/16"	HC272	HS272
4 5/8"	5 1/2"	9/16"	HC280	HS280

Note: Hose clamps must be purchased in package quantities of ten.



**Worm-Drive Reusable Hose Clamps** facilitate quick, permanent in-field installation and repairs for a wide variety of applications. Makes custom hose assemblies possible using only a screwdriver. Also ideal for special situations requiring extra reinforcement. Band and housing are made of heavy-duty stainless steel and the screw is available in cadmium-plated steel (Model HC) or stainless steel (Model HS). Available in a wide variety of sizes. Can be removed and reused.



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