

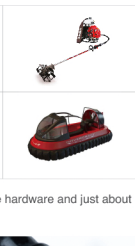
SELF-COMPENSATING HOSE CLAMPS



HT Ocean Springs Metal
HOT TIN Manufacture Limited

The Ocean Advantage

PEOPLE ORIENTED / CUSTOMER FIRST / QUALITY PRIORITY

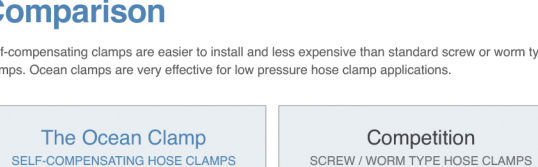


Ocean, a world leader in wire-forms, springs, and metal stampings, now has a full line of quality hose clamps. Ocean has provided hose clamps to its customers for years, and now carries a full line of quality clamps, in stock, and ready to ship to you.



Ocean is currently ISO9001:2015 and IATF 16949:2016 certified, so you can count on Ocean's quality and workmanship.

Applications



The Ocean Clamp can be used in appliances, automotive, water sport, home hardware and just about any low pressure application.

DOUBLE WIRE CLAMP

The Double Wire can disperse the clamping force over a larger area, therefore the clamping force is lower than that of a single wire clamp. Used for jacuzzi, home appliances, air conditioning units, cars, trucks, multi-purpose vehicles, etc.

SINGLE WIRE CLAMP

The single wire clamping force is concentrated along the wire, providing greater clamping force compared with other clamps. Widely used in washing machines, dishwashers and other household appliances, HVAC equipment, cars, trucks, lawn mowers, golf carts, etc.

SLIM WIRE CLAMP

Slim wire clamps compared to the single wire type, are made with thinner wire. They are lighter and cheaper than the regular single-wire types. It has the same endurance and clamping force as single wire clamp.

Comparison

Self-compensating clamps are easier to install and less expensive than standard screw or worm type clamps. Ocean clamps are very effective for low pressure hose clamp applications.

The Ocean Clamp SELF-COMPENSATING HOSE CLAMPS				Competition SCREW / WORM TYPE HOSE CLAMPS			
- Expands/Contracts with hose in response to temperature changes. - Cannot be over/under tightened. - Can be installed automatically eliminating Carpal Tunnel Syndrome (CTS), a nerve disorder of the hand and wrist. - Less time for assembly - resulting in lowered production costs.				- Must be manually adjusted as temperature changes. - Screw mechanism maybe over/under tightened causing damage/leakage to the hose. - Must be manually installed. - More time needed for assembly/disassembly due to screw adjustment.			
							

DOUBLE WIRE CLAMP

Effective Clamping Range:

Note: Safety glasses should be worn when installing parts.

After expanding to no greater than "A" diameter of the gage, the clamp, in relaxed condition, shall not pass over "D" diameter. When clamp is assembled on "A", "B", or "C" diameter gage, a wire of "X" diameter shall not pass between the gauge and clamp when inserted in a direction parallel to the axis of the gage. Finish: Electroplated Zinc per color code. Other finishes available upon request. (See color codes below). Material: Specially processed premium grade spring wire, hardened and austempered to meet the performance requirements specified. All Dimensions are in Inches. Conforms to SMC JIS G3521 and SS JIS G4314.

Ocean Clamp Number OHC-DW	Effective Clamping Range				E Nom. Wire Dia	Ref. Dimensions		H OVER-ALL WIDTH	X Gaging Wire Max	Color Code
	A Max Dia.	B Nom Dia.	C Min Dia.	D No-Go Dia.		F1	F2			
OHC-DW-4.0	0.275	0.264	0.247	0.233	0.039	0.259	0.190	0.259	0.006	D
OHC-DW-4.5	0.294	0.286	0.270	0.265	0.039	0.259	0.190	0.259	0.006	S
OHC-DW-5.0	0.306	0.301	0.285	0.280	0.039	0.259	0.190	0.259	0.006	D
OHC-DW-5.5	0.345	0.342	0.329	0.320	0.039	0.259	0.190	0.259	0.006	S
OHC-DW-6.0	0.389	0.375	0.370	0.360	0.039	0.259	0.190	0.259	0.006	S
OHC-DW-6.5	0.414	0.409	0.401	0.381	0.039	0.259	0.190	0.259	0.006	D
OHC-DW-7.0	0.442	0.438	0.432	0.415	0.039	0.259	0.190	0.259	0.006	S
OHC-DW-8.0	0.519	0.509	0.490	0.465	0.039	0.259	0.190	0.259	0.006	R
OHC-DW-8.5	0.555	0.539	0.528	0.488	0.039	0.259	0.190	0.259	0.006	D
OHC-DW-9.0	0.573	0.562	0.551	0.520	0.070	0.425	0.250	0.325	0.006	S
OHC-DW-9.5	0.627	0.614	0.595	0.555	0.070	0.425	0.250	0.325	0.006	R
OHC-DW-10.0	0.649	0.625	0.619	0.580	0.070	0.425	0.250	0.325	0.006	G
OHC-DW-10.5	0.662	0.646	0.627	0.586	0.070	0.425	0.250	0.325	0.006	D
OHC-DW-11.0	0.703	0.688	0.671	0.635	0.070	0.500	0.325	0.360	0.006	R
OHC-DW-11.5	0.736	0.716	0.697	0.650	0.070	0.500	0.325	0.360	0.006	D
OHC-DW-12.0	0.779	0.759	0.730	0.680	0.070	0.500	0.325	0.360	0.006	S
OHC-DW-12.5	0.812	0.795	0.772	0.720	0.070	0.500	0.325	0.360	0.006	D
OHC-DW-13.0	0.832	0.812	0.792	0.740	0.070	0.500	0.325	0.360	0.006	G
OHC-DW-14.0	0.900	0.875	0.850	0.800	0.086	0.550	0.375	0.400	0.006	D
OHC-DW-14.5	0.928	0.909	0.882	0.826	0.086	0.550	0.375	0.400	0.006	R
OHC-DW-15.0	0.968	0.938	0.906	0.855	0.086	0.550	0.375	0.400	0.006	S
OHC-DW-16.0	1.031	1.000	0.969	0.915	0.086	0.550	0.375	0.450	0.006	D
OHC-DW-17.0	1.099	1.062	1.034	0.960	0.086	0.550	0.375	0.450	0.006	R
OHC-DW-17.5	1.107	1.082	1.050	0.984	0.086	0.550	0.375	0.450	0.006	D
OHC-DW-18.0	1.159	1.125	1.100	1.030	0.086	0.550	0.375	0.450	0.006	S
OHC-DW-18.5	1.218	1.188	1.156	1.085	0.110	0.600	0.450	0.480	0.010	G
OHC-DW-19.0	1.269	1.232	1.196	1.117	0.110	0.600	0.450	0.480	0.010	D
OHC-DW-20.0	1.289	1.250	1.219	1.145	0.110	0.600	0.450	0.480	0.010	R
OHC-DW-21.0	1.344	1.312	1.281	1.210	0.110	0.600	0.450	0.480	0.010	S
OHC-DW-22.0	1.405	1.377	1.335	1.260	0.118	0.750	0.500	0.540	0.010	G
OHC-DW-22.5	1.433	1.401	1.362	1.279	0.118	0.750	0.500	0.540	0.010	S
OHC-DW-23.0	1.509	1.465	1.425	1.339	0.118	0.750	0.500	0.540	0.010	D
OHC-DW-24.0	1.531	1.500	1.469	1.359	0.126	0.750	0.500	0.560	0.010	S
OHC-DW-25.0	1.592	1.561	1.530	1.411	0.126	0.750	0.500	0.560	0.010	D
OHC-DW-26.0	1.692	1.625	1.578	1.475	0.126	0.750	0.500	0.560	0.010	R
OHC-DW-27.0	1.745	1.688	1.640	1.538	0.126	0.750	0.500	0.560	0.010	S
OHC-DW-28.0	1.797	1.750	1.703	1.580	0.126	0.750	0.500	0.560	0.010	D
OHC-DW-30.0	1.937	1.875	1.812	1.729	0.126	0.750	0.500	0.560	0.010	S
OHC-DW-31.0	2.008	1.938	1.875	1.789	0.137	0.800	0.550	0.590	0.010	D
OHC-DW-32.0	2.061	2.000	1.939	1.850	0.137	0.800	0.550	0.590	0.010	R
OHC-DW-34.0	2.187	2.125	2.062	1.946	0.137	0.800	0.550	0.590	0.010	S
OHC-DW-35.0	2.259	2.187	2.125	1.975	0.137	0.800	0.550	0.590	0.010	D
OHC-DW-36.0	2.399	2.307	2.187	2.060	0.137	0.800	0.550	0.590	0.010	S

G-GREEN, R-RED, D-DICHROMATE(YELLOW). NOTE: SELECTED SIZES AVAILABLE IN STAINLESS STEEL. INQUIRE FOR AVAILABILITY.



SINGLE WIRE CLAMP

Effective Clamping Range:

Note: Safety glasses should be worn when installing parts.

After expanding to no greater than "A" diameter of the gage, the clamp, in relaxed condition, shall not pass over "D" diameter. When clamp is assembled on "A", "B", or "C" diameter gage, a wire of "X" diameter shall not pass between the gauge and clamp when inserted in a direction parallel to the axis of the gage. Finish: Electroplated Zinc per color code. Other finishes available upon request. (See color codes below). Material: Specially processed premium grade spring wire, hardened and austempered to meet the performance requirements specified. All Dimensions are in Inches. Conforms to SMC JIS G3521 and SS JIS G4314.

Ocean Clamp Number OHC-SW	Effective Clamping Range				X Gaging Wire Max	G Clearance at Overlap Max	F Length of Tangs	W Width over Tangs Max	Z Width over Tangs when on a Dia	Y Overall Height (Ref)	Color Code
	A Max Dia.	B Nom Dia.	C Min Dia.	D No-Go Dia.							
OHC-SW-9.0	0.662	0.573	0.562	0.551	0.520	0.006	0.025	1/4	+0.000 -0.002	1.16	2D
OHC-SW-11.0	0.687	0.703	0.688	0.671	0.635	0.006	0.025	1/4	+0.000 -0.002	1.38	R
OHC-SW-12.0	0.687	0.770	0.750	0.730	0.680	0.008	0.031	1/4	+0.000 -0.002	1.38	2D
OHC-SW-13.0	0.682	0.832	0.812	0.792	0.740	0.008	0.031	1/4	+0.000 -0.002	1.38	G
OHC-SW-14.0	0.682	0.900	0.875	0.860	0.800	0.008	0.031	1/4	+0.000 -0.002	1.49	R
OHC-SW-16.0	0.107	1.031	1.000	0.969	0.915	0.008	0.062	1/4	+0.002	1.75	G
OHC-SW-18.0	0.122	1.150	1.125	1.100	1.030	0.010	0.062	1/4	+0.002	1.88	2D
OHC-SW-19.0	0.122	1.218	1.187	1.162	1.085	0.010	0.062	1/4	+0.002	1.88	G
OHC-SW-20.0	0.122	1.280	1.250	1.219	1.145	0.010	0.062	1/4	+0.002	1.88	R
OHC-SW-21.0	0.132	1.344	1.312	1.281	1.210	0.010	0.062	1/4	+0.002	2.19	2D
OHC-SW-22.0	0.132	1.406	1.375	1.344	1.260	0.010	0.062	1/4	+0.002	2.19	G
OHC-SW-23.0	0.132	1.468	1.437	1.406	1.300	0.010	0.062	1/4	+0.002	2.19	R
OHC-SW-24.0	0.132	1.531	1.500	1.469	1.380	0.010	0.062	1/4	+0.002	2.25	2D
OHC-SW-26.0	0.142	1.672	1.635	1.578	1.455	0.010	0.062	1/4	+0.002	2.56	2D

G-GREEN, R-RED, D-DICHROMATE(YELLOW).

CONTACT US

ADDRESS INFORMATION

HONG KONG OFFICE:

Tel: +852 2174 6078
Fax: +852 2174 6778
Email: thomas@htsprings.com
Address: Bldg. B, 13/F, Wang Kwong Ind. Bldg., 45 Hung To Rd., Kowloon, Hong Kong.
Website: www.htsprings.com

CHINA FACTORY:

Tel: 86-769-8391 1281
Fax: 86-769- 8339 7158-801/802
Address: Xiao long Industrial Zone, Yuanshanbei Village, Changping Town, Dongguan City, Guangdong Province, China 523583.

U.S. OFFICE:

Tel: +1 973 698 6947
Email: bmelgaard@ocean-metal.com
Address: 2 Como Ct, Towaco NJ 07082, USA.
Website: www.ocean-metal.com

CHINA BEIJING OFFICE:

Tel: 86-010-8478 3281
Mobile: 86-150 1121 9781
Email: flordadong@htsprings.com
Address: 206# Tower C, Focus Square International Center, No. 6 Futong East Avenue, Wangfeng New City, Chaoyang District, Beijing, 100102, China.