



Welcome to Clamps Incorporated Newsletter  
"Clamps Tech"

## New Product

### All Stainless Steel Worm Hose Clamps

Clamps Incorporated is pleased to announce a new addition to our stocked parts - All Stainless Steel Worm Hose Clamps. These clamps are made in China and come in the SAE sizes.



**Band Width: 1/2 Inch**  
**Screw: 5/16 inch Hex Head**  
**Material:**  
**All 300 Series Stainless Steel**  
**(Band, Housing & Screw)**

Part Number	SAE Size
HC3006	06
HC3008	08
HC3010	10
HC3012	12
HC3016	16
HC3020	20
HC3024	24
HC3028	28
HC3032	32
HC3036	36
HC3040	40
HC3044	44
HC3048	48
HC3052	52
HC3056	56
HC3060	60
HC3064	64
HC3072	72
HC3080	80
HC3088	88
HC3096	96
HC3104	104

SAE Sizes 06 - 104

Contact us for more information  
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Please join us next quarter  
Thank You, Clamp Tech  
[techinfo@clampsinc.com](mailto:techinfo@clampsinc.com)

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## Temperature Ranges & Effects of Salt Spray for Common Finishes

The chart below is a quick guide to selecting a plating / finish to meet your temperature requirements. This chart is not inclusive in the finishes available, but lists the more popular finishes for fastening products. The effects of salt spray is listed in hours. The white corrosion means the salt spray has penetrated the chromate layer and is attacking the plating, red corrosion means the salt spray test has penetrated the finish on the part and is attacking the base metal.

Plating / Finish	Temperature Range (Temperatures in Fahrenheit)	Effects of Salt Spray
Zinc	<ul style="list-style-type: none"> <li>• 250° the outside Chromate coating will discolor</li> <li>• 350° the outside Chromate coating will lose integrity</li> <li>• 410° the Zinc plating will discolor</li> <li>• 730° the Zinc plating will lose integrity</li> </ul>	72 White / 144 Red
Sermaguard	<ul style="list-style-type: none"> <li>• 446° max before integrity lost</li> </ul>	U-Bolt 400 to Red Flat Parts 2000 to Red
Chrome	<ul style="list-style-type: none"> <li>• 800° before discolor and peeling</li> </ul>	These plating / finishes are typically not subject to salt spray test
Power Coat	<ul style="list-style-type: none"> <li>• 150° max will lose integrity</li> </ul>	
E-Coat	<ul style="list-style-type: none"> <li>• 400° max properties will begin to lose integrity</li> <li>• 600° burn off</li> </ul>	
High Heat Black	<ul style="list-style-type: none"> <li>• 1000° max before loss of integrity</li> </ul>	
Galvanizing	<ul style="list-style-type: none"> <li>• 730° max will lose integrity</li> </ul>	
Phosphate & Oil	<ul style="list-style-type: none"> <li>• 225° max will lose integrity</li> </ul>	24 White / 500 Red
Extra Sealer on Zinc Plating	<ul style="list-style-type: none"> <li>• 250° the outside Chromate coating will discolor</li> <li>• 350° the outside Chromate coating will lose integrity</li> <li>• 410° the Zinc plating will discolor</li> <li>• 730° the Zinc plating will lose integrity</li> </ul>	168 White / 500 Red
Geomet	<ul style="list-style-type: none"> <li>• 600° Constant heat will lose integrity</li> </ul>	240 White / 720 Red



Example of Salt Spray Test to White on Clear Zinc Plating



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