



Modu-Stak Cushion Clamp Assemblies



Hydra-Zorb's Modu-Stak cushion clamps are available in a wide variety of configurations.

General Characteristics

- Cushion material is polypropylene with working temperature from -20F to 212F.
- Reduce noise, shock and vibrations caused by surges in fluid conductors.
- Eliminate metal to metal contact between fluid conductors & clamps preventing galvanic reaction.
- Resists most fuels, oils, gases, greases, solvents, etc.
- Provide fast and simple installation.
- Extensive selection of components for assemblies can meet varying application requirements.
- Assemblies available in either single or double line.
- Permit various sizes of fluid conductors to be mixed to suit installation.
- Only one man and one tool needed for assembly.
- Available for sizes from 1/4" to 2-3/8" tube and 1/8" to 2" pipe.
- Integral hexagon in applicable sizes allows use as retainer for a bulkhead fitting.
- Loose steel parts are zinc dichromate plated. Stainless steel components available.
- Made in the USA

Mounting Features

- Clamp assemblies can use weld plates, be bolted directly into place, utilize channel mounting or be suspended using customer supplied threaded rod.
- Formed weld bases have integral weld nuts secured from the underside. Weld failure cannot cause clamp failure.
- Formed weld plates with integral weld nuts are available.
- Heavy weld plates, including integral weld nuts, are available for heavy duty applications.
- Double width heavy weld plates including weld nuts and heavy duty retainer are available for severe duty applications.
- Heavy and double width weld plates can be special ordered for multiple runs.

Stacking and Tiering

- Center distance of mounting holes (bolt holes) and height of the assembly are identical.
- All assembly sizes (like series) are the same width for good appearance when stacked together.
- Double retainer plates are used for heavier duty applications (required when stacking or tiering).
- 1" size makes compact conductor runs possible when using conductors up to 1/2" diameter.
- Single and double units are available 1, 1-1/2, and 2 inch heights.
- 1 and 2 inch units, 1 and 3 inch units, 1-1/2 inch units, and 3 inch units stack together to provide compactness in conductor runs.
- 1 inch units can be tiered to 3 levels utilizing common standard fasteners.
- 1-1/2" units can be tiered 2 levels utilizing common standard fasteners.
- Conductor spacing using single units for multiple runs is height of unit plus one inch.
- Conductor spacing using double units for multiple runs is same as height of unit.

Retainer Features

- Channel section of standard retainer provides greater rigidity.
- Doubled retainer plates are used for heavier duty applications (required when stacking or tiering).
- When stacking, retainer is used as a wrench to lightly tighten stack bolts and then put in place to retain stack bolts.

Fastener Features

- Several fastener options are available for all sizes and types of assemblies.
- Other than stacking bolts, all fasteners are readily available from fastener suppliers.
- Bolts are even half inch increments in length.
- Elastic lock nuts are standard.
- Stack studs and hex bolts are equivalent to grade 5.
- All fasteners are 5/16" – 18 thread.



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Engineer:	
Contractor:	
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