


STAR-6877 Agency Contact: Ron McGee

**Precision Pharm/Biotech Hygienic Clamps
Described in Short-Form Catalog Sheet**

**Precision-Made Hygienic Clamps
for Pharmaceutical & Biotech Industries**



A complete line of hygienic clamps made specifically for the Pharmaceutical and Biotech Industries where quality and precision are required. These stainless steel clamps are made by investment castings to produce a high quality, precision fit assembly. They are designed to provide quick access to the joint for cleaning and inspection without sacrificing safety.

The standard 316 Stainless Steel SH clamps range from 1/2" to 12" and are suitable where joint cleanliness and efficiency are of paramount importance. These clamps are also available in a two-bolt system (Type II) with either wing nuts or hexagon units (SSHX) for greater torque control and more compact assembly.

The SSH clamps, 304 stainless steel, are available in sizes 1/2" to 6" and are designed for higher-pressure applications. For pressure vessels, filter housings and other applications, the ASME clamp ranges from 4" to 12" and are designed to the requirements of ASME section VIII of the Pressure Vessel Code and BPE. All components of the ASME Clamp are made from fully traceable 316 Stainless Steel.



- Variety of bolting available for specific requirements
- Delivery from stock
- High pressure ratings
- Superior surface finish
- 316 stainless steel standard
- Large wing nuts for easy, accurate torquing
- Precision-manufactured for uniform gasket compression
- Unique groove profile provides higher clamping efficiency

Tube OD Size	SH & SSHX**		SSH		ASME**	
	100°F	250°F	100°F	250°F	100°F	250°F
1/2", 3/4"	870	725	580	1360	928	783
1", 1-1/2"	870	725	580	1450	1180	993
2"	870	725	580	1450	1228	983
2-1/2"	870	725	580	1365	1106	885
3"	696	580	464	1360	983	786
3-1/2"	696	580	464	1015	910	774
4"	610	508	398	870	737	580
5"	521	435	348			725
6"	521	435	348	725	613	492
8"	348	290	218			391
10"	278	232	186			323
12"	174	145	116			145

Clamp Style Number Description

Clamp Style	Wing Nut	Hex Nut
Single Bolt	SH Type I	SSHX Type I
Double Bolt	SH Type II	SSHX Type II

SSH Denotes wing nut fastener.
SSHX Denotes hex nut fastener.
Type I Denotes single bolt.
Type II Denotes double bolt.

PRECISION-MADE HYGIENIC CLAMPS
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A short-form catalog sheet describes a line of precision-made Hygienic Clamps from L.J. Star Inc. Especially designed for use in pharmaceutical and biotech applications, the new clamps are made by investment castings to produce a high quality, precision fit assembly. The design allows quick access to the joint for cleaning and inspection, without sacrificing safety.

Included in the catalog are three basic models, all available from stock: the SH in 316 stainless steel for general applications, the SSH in 304 stainless steel for higher pressure applications, and the ASME version in fully traceable 316 stainless steel which is designed to meet the requirements of ASME section VIII and the Pressure Vessel Code of BPE.

Among the application benefits noted in the catalog are a choice of single-bolt or double bolt styles with

easy-opening, precision torquing wing nuts, or a hex nut closure for greater torque control and a more compact assembly. Also notable are temperature ratings to 450°F (232°C), a unique groove profile for higher clamping efficiency, and high pressure ratings.

For additional information, contact L.J. Star Incorporated, P.O. Box 1116, Twinsburg, OH 44087. Phone: 330-405-3040. Fax: 330-405-3070. Email: view@ljstar.com. These and other visual flow indicators are available on-line at our web site: www.ljstar.com

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