



HERMETIC SEAL TECHNOLOGY
G L A S S T O M E T A L S E A L S

Hermetic Seal Technology, Inc.

2150 Schappelle Lane

Cincinnati, OH 45240

Phone: 513.851.4899

Fax: 513.851.4817

Email: sales@HermeticSealTech.com

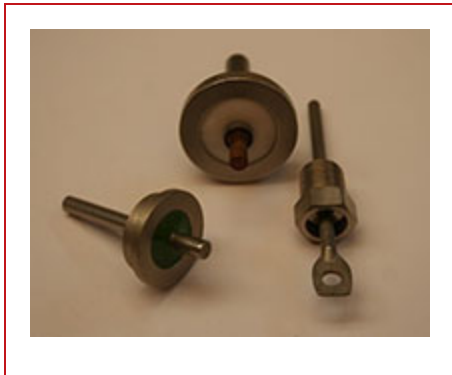
Website: www.glass-to-metal.com

High Amperage Feedthroughs

At HST, we engineer glass-to-metal seals/feedthrus in different specifications to meet varied high amperage needs. Pins for these feedthrus are made from hermetically sealable materials, such as alloy 52, stainless steel, molybdenum, copper-cored 52 alloy, and copper cored stainless steel.

Our high amperage seals are used in electric vehicles and high output batteries, as well as in several high current switching applications. Our engineers can design as well as build feedthrus to custom

[+ more](#)



Specifications

Pin Materials

Alloy 52 and Copper Cored 52 Alloy
Molybdenum
Stainless Steel and Copper Cored Stainless Steel
Other Materials Available Upon Request

Capabilities

Brazing
Glass Formulation
Glass Sealing
Resistance Welding

Insulator Materials	<p>Babal Barium Alkali Borosilicate Cabal 12 and other low silica glass Corning 9010 Corning 9013 HST Custom Lithium Corrosion Resistant Glass Soda Lime TA-23</p>
Mount Type	<p>Flange Mount Nut Mount Threaded Mount</p>
Current Rating	<p>Depending on center pin designed/application</p>
Mounting Diameter	<p>0.25" to 3.0"</p>
Plating Options	<p>Copper Plating Electroless Ni Plating Electrolytic Ni Plating Hard Gold Plating Pure Gold Plating Silver Plating Tin Plating And Many Others</p>
Industries Served	<p>Aerospace Automotive Medical Military Others</p>
Hermeticity	<p>Less than 1×10^{-8} cc/sec helium leak rate (100% tested)</p>
Production Capability	<ul style="list-style-type: none"> • We have the ability to handle orders from ten parts to millions of parts • We can also do sample parts • HST can help you with free hermetic seal design and development to insurance you have a

reliable and robust glass to metal seal