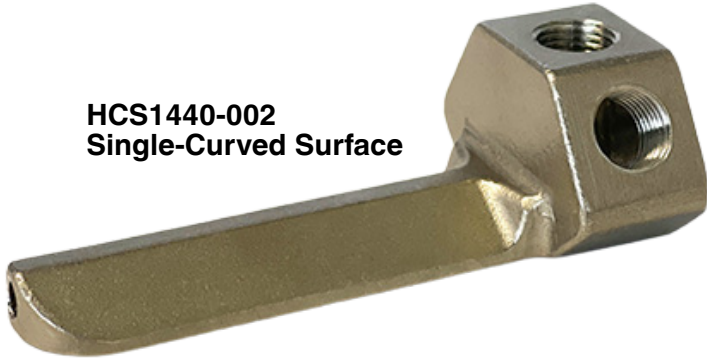




HCS1440-001
Flat Surface



HCS1440-002
Single-Curved Surface



SmartValves

HCS1440-001

Flat Surface

HCS1440-002

Single-Curved Surface

SmartValve is a high-performance vacuum-bagging connector engineered for demanding composite processes. Built from high-temperature stainless steel and optimized for both flat and single-curved surfaces, it delivers a rigid, leak-free seal under elevated heat and pressure. Its single-piece design eliminates wear points and integrates seamlessly with standard gauges, hoses, and couplings.

Features

- High-temperature stainless steel construction delivers exceptional durability and long-term performance
- Locks firmly in place once connected to gauges and hoses, ensuring stable, reliable operation
- No need to cut the vacuum bag, simplifying setup and reducing risk of errors
- Zero-leak design outperforms standard valves with base plates, eliminating common failure points
- Single-piece construction means no loose base plates to misplace or accidentally discard
- Stays upright under vacuum, preventing bag tears and costly rework
- Hands-free operation during initial vacuum build saves time and reduces labor requirements
- Connect multiple valves in series to efficiently vacuum large or complex parts
- Compatible with standard couplings, stops, hoses, and gauges, making integration seamless with existing equipment

