

Hyperboloid

Smiths Interconnect's Hypertac® hyperboloid is the original superior performing contact technology for use in demanding environments where reliability and safety are critical.

The shape of the contact sleeve is formed by hyperbolically arranged contact wires, which align themselves elastically as contact lines around the pin, providing a number of linear contact paths. The smallest practical pin diameter is 0.3mm but there is effectively no upper limit.

The Hypertac hyperboloid contact is available in the following variants:

- [Hyperboloid Contact Stamped - HCS](#)
- [Tortac® Contact](#)
- [Hyperspring® Contact](#)

The Hypertac hyperboloid contact provides the following commercial benefits:

- Low cost of ownership - Does not need replacement during equipment life
- Reduced system costs - Equipment design is less critical
- Reduced qualification costs - No re-testing due to contact failures