The mini-V

We still call it the mini-V! The mini-v is available in both JVI platinum J-finish and 201L stainless steel. It is available with a square faceplate and with an angled faceplate.

**BENEFITS:**
- 1" tall faceplate
- Fits in a 2" thick flange
- Ideal for field topped double tees
- Ideal for insulated wall panel alignment
- Tested in 4" and 2" thick flange thicknesses
- Tested in a 2" thick flange with 2" composite topping

**Recommended Nominal Strengths in 4" Thickness**

- **Cyclic In-Plane Shear With Tension (Gap = 0.1")** 6.4 kips
- **Monotonic In-Plane Shear With Tension (Gap = 0.1")** 10.1 kips
- **Out-of-Plane Shear with No Tension** 3.5 kips

**Tension Normal to Face Plate** is not explicitly reported due to the inherent ductility of the mini-V loaded in tension. Load displacement curves should be investigated for a tension capacity with an acceptable associated displacement.

**Recommended Nominal Strengths in 2" Thickness**

- **Cyclic In-Plane Shear With NO Tension** 6.6 kips
  Test performed on 2" thickness with 2" topping
- **Monotonic In-Plane Shear NO Tension** 7.0 kips
  Test performed on 2" thickness NO topping
- **Out-of-Plane Shear with No Tension** 2.9 kips
  Single test performed on 2" thickness NO topping

U.N.O Nominal Strengths are 5% fractile strengths calculated using the average ultimate load, and standard deviation of full-scale test results. A 5% fractile strength is the nominal strength for which there is a 90% confidence that there is a 95% probability of the actual strength exceeding the nominal strength. Please reference ACI 318 Appendix D for additional information.