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## ULTRA-THIN LOAD WASHER

### Ultra-Thin Load Washer

Load washer offer significant performance improvements over conventional load washers by its shear web design and radiused loading surface. These features provide impressive repeatability even when subjected to dynamic and misaligned compressive loads.

### Standard Configuration

- Shear web design mitigates errors from off-axis loading
- Integrated radiused loading surface to orientate force vector.
- Even when subjected to misaligned loads non-repeatability typically  $\leq 1\%$  FS
- 17-4 Stainless steel construction for corrosion resistance.



### Electric Specifications

**Sensitivity:** 1mV/V

**Max Excitation:** 15 VDC or VAC

**Bridge Resistance:** 700  $\Omega$  (nominal)

### Environmental

**Sensitivity:** 1mV/V

**Max Excitation:** 15 VDC or VAC

**Bridge Resistance:** 700  $\Omega$  (nominal)

### Dimensions

Capacity (lbf)	1000	1500	2000	3500	10,000
Non-linearity ( $\pm$ FS%)	1.5	1	1	1	1
Safe Overload (FS%)	150	333	300	300	300
Height (in)	0.25	0.50	0.91	0.63	0.79
Inner Diameter (in)	2.00	6.34	1.38	3.07	2.40
Outer Diameter(in)	4.00	8.34	4.33	4.61	5.04