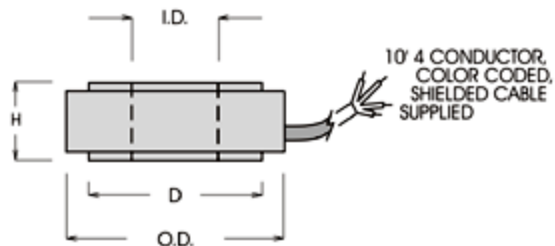
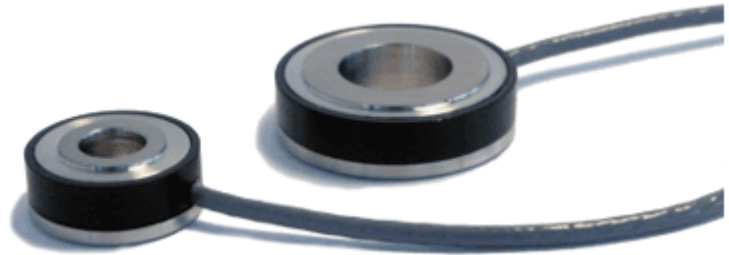


COMPRESSION ONLY / THRU HOLE LOAD WASHER LOAD CELL

LWO SERIES LOAD CELL

**CAPACITY RANGES:
2,400 THROUGH 300,000 LBS.**

The LWO Series are washer shaped, strain gage based load cells that have been most commonly used in fastener testing and thru hole load applications. Our stocked ranges from 2,400 through 300,000 lbs. compression are made from 17-4ph heat treated stainless steel and are matched to bolt diameters and their specific load characteristics. Modifications of diameters, thicknesses, or load range to a specific diameter for OEM applications are welcomed. The sensing element incorporates bonded foil strain gages of the highest quality and are sealed for protection against most industrial environments.



SPECIFICATIONS

Rated Output (R.O.): 2 mV/V nominal
 Nonlinearity: 2.0% of R.O.
 Hysteresis: 2.0% of R.O.
 Nonrepeatability: 1.0% of R.O.
 Zero Balance: 1.0% of R.O.
 Compensated Temp. Range: 60° to 160°F
 Safe Temp. Range: -65° to 200°F
 Temp. Effect on Output: 0.005% of Load/°F
 Temp. Effect on Zero: 0.01% of R.O./°F
 Terminal Resistance: 350 ohms nominal
 Excitation Voltage: 10 VDC
 Safe Overload: 150% of R.O.
 Deflection Inches: 0.001 @ R.O.

MODEL	DIMENSIONS (INCHES)				
	CAPACITY LBS.	O.D. DIA.	I.D. DIA.	D	H
LWO-2	2,400	.85	.192	.345	.350
LWO-4	4,000	.85	.262	.400	.350
LWO-7	7,000	.85	.326	.520	.350
LWO-10	10,000	.85	.390	.620	.350
LWO-14	14,000	1.00	.454	.725	.350
LWO-20	20,000	1.00	.517	.850	.350
LWO-25	25,000	1.25	.580	.960	.350
LWO-30	30,000	1.25	.644	1.040	.350
LWO-45	45,000	1.50	.770	1.200	.375
LWO-60	60,000	1.75	.897	1.490	.500
LWO-80	80,000	2.00	1.024	1.710	.500
LWO-80A	80,000	2.00	1.150	1.790	.500
LWO-125	125,000	2.37	1.279	2.140	.625
LWO-190	190,000	3.00	1.533	2.640	.875
LWO-260	260,000	3.50	1.787	3.000	1.250
LWO-300	300,000	3.75	2.041	3.300	1.370