

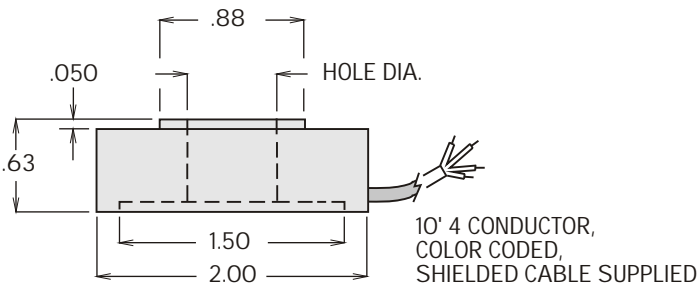
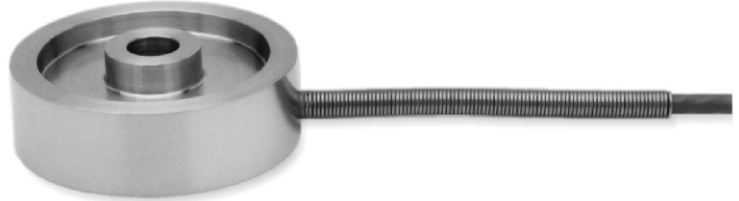
# THRU-HOLE LOAD CELL COMPRESSION ONLY

## THC SERIES

### CAPACITY RANGES:

250, 500, 1,000, 2,000,  
3,000, 5,000, 7,500, 10,000 LBS.

Our THC Series thru-hole load cells offer an outside diameter of 2.00 inches and up to six different thru-hole diameter options per capacity range. These load cells are manufactured from heat treated 17-4 ph stainless steel. 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:	0.25% of R.O.
Hysteresis:	0.25% of R.O.
Nonrepeatability:	0.1% 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:	0.002 @ R.O.

MODEL	CAPACITY	AVAILABLE INSIDE HOLE DIAMETERS
THC-250	250 LBS.	-P, -Q, -R, -S, -T, -V
THC-500	500 LBS.	-P, -Q, -R, -S, -T, -V
THC-1K	1,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-2K	2,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-3K	3,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-5K	5,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-7.5K	7,500 LBS.	-P, -Q, -R, -S, -T, -V
THC-10K	10,000 LBS.	-P, -Q, -R, -S, -T, -V

### INSIDE HOLE DIAMETER DIMENSIONS

	-P	-Q	-R	-S	-T	-V
NOMINAL HOLE DIA.	1/8"	3/16"	1/4"	3/8"	1/2"	5/8"
ACTUAL HOLE DIA.	.128	.193	.266	.391	.532	.656