

## THRU-HOLE LOAD CELL COMPRESSION ONLY (2.00 O.D.)

### THC SERIES



**CAPACITY RANGES:**

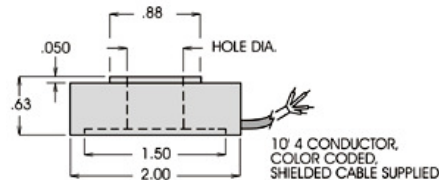
**250, 500, 1,000, 2,000,  
3,000, 5,000, 7,500, 10,000 LBS.**

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.

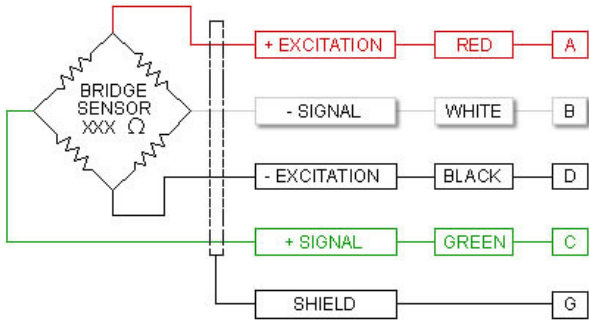


MODEL	CAPACITY LBS.	AVAILABLE INSIDE HOLE DIAMETER
THC-250	250 LBS.	-P, -Q, -R, -S, -T, -V
THC-500	500 LBS.	-P, -Q, -R, -S, -T, -V
THC-1K	1,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-2K	2,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-3K	3,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-5K	5,000 LBS.	-P, -Q, -R, -S, -T, -V
THC-7.5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

**Wiring Color Code (WCC1) 4 Conductor**

Internal Temperature Compensation and Balance Network Not Shown



**CAL-TEDS Plug & Play Option**

AD9 (9 PIN "D" Series) Connector attached to the end of a Load Cell or Torque sensor cable with a TEDS (Transducer Electric Data Sheet) EPPROM. Used with a Smart Plug & Play IEEE 1451.4 Compliant instrument, (shown on right), the Load Cell and Instrument will self calibrate. This option is a real time saver.

>> [Learn more about Plug & Play Smart Sensors](#)



**SSI LOAD CELL DISPLAY**  
 SMART PLUG & PLAY HAND-HELD INDICATOR WITH DATA LOGGING  
 IEEE 1451.4 COMPLIANT  
 \$675  
 >> [More info](#)



**DPM-3 LOAD CELL DISPLAY**  
 SMART PLUG & PLAY DIGITAL PANEL MOUNT LOAD CELL METER  
 IEEE 1451.4 COMPLIANT  
 \$395  
 >> [More info](#)

Order Code Model	Capacity Range	Description	Price	Quantity	Add to Cart
THC-250-P	Capacity: 250 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-250-Q	Capacity: 250 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-250-R	Capacity: 250 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-250-S	Capacity: 250 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-250-T	Capacity: 250 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-250-V	Capacity: 250 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>
THC-500-P	Capacity: 500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-500-Q	Capacity: 500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-500-R	Capacity: 500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-500-S	Capacity: 500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-500-T	Capacity: 500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-500-V	Capacity: 500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>
THC-1K-P	Capacity: 1,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-1K-Q	Capacity: 1,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-1K-R	Capacity: 1,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-1K-S	Capacity: 1,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-1K-T	Capacity: 1,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-1K-V	Capacity: 1,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>

THC-2K-P	Capacity: 2,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-2K-Q	Capacity: 2,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-2K-R	Capacity: 2,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-2K-S	Capacity: 2,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-2K-T	Capacity: 2,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-2K-V	Capacity: 2,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>
THC-3K-P	Capacity: 3,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-3K-Q	Capacity: 3,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-3K-R	Capacity: 3,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-3K-S	Capacity: 3,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-3K-T	Capacity: 3,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-3K-V	Capacity: 3,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>
THC-5K-P	Capacity: 5,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-5K-Q	Capacity: 5,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-5K-R	Capacity: 5,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-5K-S	Capacity: 5,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-5K-T	Capacity: 5,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-5K-V	Capacity: 5,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>
THC-7.5K-P	Capacity: 7,500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-7.5K-Q	Capacity: 7,500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-7.5K-R	Capacity: 7,500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-7.5K-S	Capacity: 7,500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-7.5K-T	Capacity: 7,500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-7.5K-V	Capacity: 7,500 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>
THC-10K-P	Capacity: 10,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-10K-Q	Capacity: 10,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-10K-R	Capacity: 10,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-10K-S	Capacity: 10,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-10K-T	Capacity: 10,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
THC-10K-V	Capacity: 10,000 lbs	Thru Hole Load Cell	\$545	1	<a href="#">Buy Now</a>
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	1	<a href="#">Buy Now</a>