

# S-TYPE LOAD CELL

## Totalcomp TS Series



### **“S” Type Bi-Directional Load Cells Available in Nickel Plated or Stainless Steel.**

- ✓ **Capacities range from 25 to 40k lbs.**
- ✓ **Environmentally sealed, rugged steel construction.**
- ✓ **Includes 20ft., 4 conductor, shielded cable.**
- ✓ **NTEP Certified.**



 **Totalcomp**<sup>®</sup> Scales & Components

99 Reagent Lane • Fair Lawn, New Jersey 07410

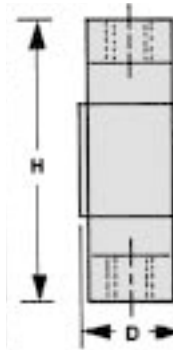
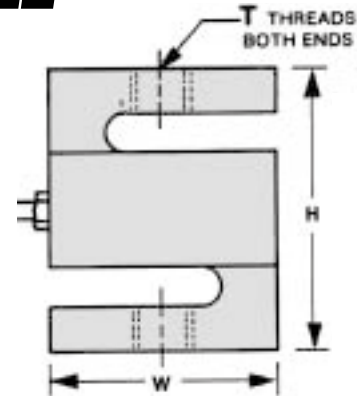
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# SPECIFICATIONS

## Model TS S-TYPE LOAD CELL

Capacity	SPECIFICATIONS				PART. NO.	
	H	W	D	'T'-Thread	Nickel Plated	Stainless Steel
25	2.50	2.00	.75	1/4 -28 UNF-2B	TS-25	TS-25-SS
50	2.50	2.00	.75	1/4 -28 UNF-2B	TS-50	TS-50-SS
75	2.50	2.00	.75	1/4 -28 UNF-2B	TS-75	N/A
100	2.50	2.00	.75	1/4 -28 UNF-2B	TS-100	TS-100-SS
150	2.50	2.00	.75	1/4 -28 UNF-2B	TS-150	N/A
200	2.50	2.00	.75	1/4 -28 UNF-2B	TS-200	TS-200-SS
250	2.50	2.00	.75	1/4 -28 UNF-2B	TS-250	TS-250-SS
300	2.50	2.00	.75	1/4 -28 UNF-2B	TS-300	TS-300-SS
500	2.50	2.00	1.00	1/2 -20 UNF-2B	TS-500	TS-500-SS
750	2.50	2.00	1.00	1/2 -20 UNF-2B	TS750	TS-750-SS
1,000	2.50	2.00	1.00	1/2 -20 UNF-2B	TS-1K	TS-1K-SS
1,500	2.50	2.00	1.00	1/2 -20 UNF-2B	TS-1.5K	TS-1.5K-SS
2,000	2.50	2.00	1.00	1/2 -20 UNF-2B	TS-2K	TS-2K-SS
2,500	2.50	2.00	1.00	1/2 -20 UNF-2B	TS-2.5K	TS-2.5K-SS
3,000	4.00	3.00	1.25	1/2 -20 UNF-2B	TS-3K	TS-3K-SS
5,000	4.00	3.00	1.25	3/4 -16 UNF-2B	TS-5K	TS-5K-SS
10,000	4.00	3.00	1.25	3/4 -16 UNF-2B	TS-10K	TS-10K-SS
15,000	5.50	3.50	1.50	1 -14 UNF	TS-15K	TS-15K-SS
20,000	7.00	4.50	2.00	1-1/4 -12 UNF	TS-20K	TS-20K-SS
30/40,000	10.00	5.75	2.75	1-1/2 -12 UNF	TS-30K/40K	N/A



**Safe Overload:**

150% of rated capacity

**Rated Output:**

3mV/V.

**Nonlinearity:**

.03% FSO

**Hysteresis:**

.02% FSO

**Non-Repeatability:**

.01% FSO

**Rated Excitation:**

10V AC-DC (15V maximum).

**Zero Balance:**

±1.0% Full Scale

**Bridge Resistance:**

350 ohms IN

350 ohms OUT

**Temperature Safe Range:**

0 to +175°F

**Compensated Range:**

+15 to +150°F

**Temperature Effect Zero:**

0.0006% FSO/°F

**Temperature Effect on Rated Output:**

0.0008% FSO/°F

**Element Material/Finish:**

Nickel Plated or Stainless Steel

**Cable Length & Type:**

20 foot, 4 conductor, shielded cable.

**Cable Color Code:**

Red .....+ Excitation

Black .....- Excitation

Green.....+ Signal

White .....- Signal

Bare .....Shield

**TOTALCOMP LIMITED WARRANTY**

Totalcomp warrants this products to be free of defects in materials and/or workmanship and suitable for the purpose(s) intended as outlined on this sheet. This warranty is effective and shall cover the purchaser for one year from the date of shipment from our plant. If this product is found to be defective by our inspection in accordance with the above listed criteria, we will replace or repair it at our expense. For warranty service, please obtain a return authorization number from us and return the item, shipping prepaid, with a written description of the problem. We will respond promptly with the results of our evaluation.



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