

## LOAD CELLS

Each Dillon indicator sold with a load cell in this price list receives free calibration. Additional Dillon load cells are calibrated at only \$85 each.

### SGMC Compression Load Cell

Includes side-mounted 5-pin connector, compression cap and base plate.



Part Number	lb Capacity	List Price	Part Number	kg Capacity	List Price
31913-0068	2,000	\$1,225	31913-0050	1,000	\$1,225
31913-0159	5,000	\$1,225	31913-0118	2,000	\$1,225
31914-0034	10,000	\$1,275	31914-0026	5,000	\$1,275
31915-0041	20,000	\$1,430	31915-0033	10,000	\$1,430
31916-0032	50,000	\$1,785	31916-0016	20,000	\$1,785
31916-0081	100,000	\$1,885	31916-0065	40,000	\$1,885

### SGMT Tension Load Cell

All SGMT load cell bodies are precision machined from high quality traceable materials. Each body is subjected to non-destructive examination and is based on a rugged design confirmed to satisfy 5 to 1 ultimate safety factor. Side-mounted 5-pin connector.



Suitable for overhead applications

Part Number	lb Capacity	List Price	Part Number	kg Capacity	List Price
31909-0064	2,000	\$870	31909-0056	1,000	\$870
31909-0155	5,000	\$870	31909-0114	2,000	\$870
31910-0038	10,000	\$960	31910-0020	5,000	\$960
31911-0045	20,000	\$1,150	31911-0037	10,000	\$1,150
31912-0036	50,000	\$1,620	31912-0010	20,000	\$1,620
31912-0085	100,000	\$1,680	31912-0069	40,000	\$1,680

### Tension Load Cell Hardware for Model SGMT Load Cell

Note: For optimum performance and calibration traceability, this hardware should be installed and calibrated with load cells at factory.

Part Number	Description	lb Capacity	kg Capacity	List Price
30270-0018	Eye Nut	2,000-10,000	1,000-5,000	\$165
30560-0017	Eye Nut	20,000	10,000	\$310
30561-0016	Eye Nut	50,000	20,000	\$630

### Model Z Tension Load Cell

Includes side-mounted 5-pin connector, overload stops and eye nuts



Part Number	lb Capacity	List Price
33565-0115	25	\$875
33565-0123	50	\$875
33565-0131	100	\$875
33565-0149	200	\$875
33565-0164	500	\$875
33565-0180	1,000	\$915

### Model Z Compression Load Cell

Includes side-mounted 5-pin connector, overload stops, compression load fitting and base plate.



Part Number	lb Capacity	List Price
33365-0117	25	\$930
33365-0125	50	\$930
33365-0133	100	\$930
33365-0141	200	\$930
33365-0166	500	\$930
33365-0182	1,000	\$980

### Load Cell Cables for SGMT, SGMC AND Z-Cell

Easy connect/disconnect at indicator. 5-pin connectors at load cell end. 7-pin connector at indicator end. Connects directly to jack on FI-90 and FI-127. FI-80 requires adapter cable below to use these cable assemblies.

Note: Load cell cable not required for S-Beam model.

Part Number	Length	List Price
AWT25-500177	1 ft adapter cable adds 7-pin jack to FI-80	\$75
26850-0212	6 ft	\$75
26850-0220	12 ft	\$85
26850-0238	18 ft	\$95
26850-0246	25 ft	\$105

Note: Additional cable length, add \$2.00/ft

### Parts for cable assemblies

Part Number	Description	List Price
14407-0018	SGMT, SGMC and Z-cell load cell mating connector (5-pin)	\$20
14407-0026	Indicator load cell mating connector (7-pin)	\$20

## S-Beam Load Cell

20 ft ( 6 m) cable pendant. Available with 7-pin connector or tinned leads.

Specify tension or compression calibration if equipped with Dillon indicator and no hardware.

Tinned lead termination- Works with FI-80, FI-127 or summing box. 20 ft (6 m) cable.



Part Number	Capacity	List Price
AWT27-500020	50 lb / 22 kg	\$410
AWT27-500021	100 lb / 45 kg	\$410
AWT27-500022	200 lb / 90 kg	\$410
AWT27-500023	500 lb / 220 kg	\$410
AWT27-500024	1,000 lb / 450 kg	\$410
AWT27-500025	2,000 lb / 900 kg	\$410
AWT27-500026	5,000 lb / 2,200 kg	\$575
AWT27-500027	10,000 lb / 4,500 kg	\$575
AWT27-500028	20,000 lb / 9,000 kg	\$1,015

7-pin connector termination - Works with FI-127. 20 ft (6 m) cable



Part Number	Capacity	List Price
AWT27-500011	50 lb / 22 kg	\$430
AWT27-500012	100 lb / 45 kg	\$430
AWT27-500013	200 lb / 90 kg	\$430
AWT27-500014	500 lb / 220 kg	\$430
AWT27-500015	1,000 lb / 450 kg	\$430
AWT27-500016	2,000 lb / 900 kg	\$430
AWT27-500017	5,000 lb / 2,200 kg	\$595
AWT27-500018	10,000 lb / 4,500 kg	\$595
AWT27-500019	20,000 lb / 9,000 kg	\$1,035

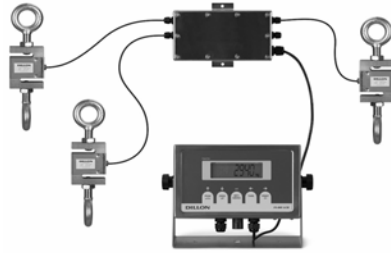
## S-Beam Load Cell Hardware

Factory attached when ordered at same time as indicator and load cell

Part Number	Description	Use	List Price
<b>Hardware for 50/100/200 lb Load Cells (1/4-28 threads)</b>			
AWT15-500182	Compression base (1/4-28)	Compression	\$40 ea.
AWT05-500228	Load button (1/4-28)	Compression	\$60 ea.
52744-0218	Eyebolt fitting (1/4-28)	Tension	\$10 ea.
AWT15-500178	Rod end bearing (1/4-28)	Tension	\$15 ea.
AWT15-500173	Threaded stud (1/4-28)	Tension	\$3 ea.
<b>Hardware for 500/1,000/ 2,000 lb Load Cells (1/2-20 threads)</b>			
AWT15-500183	Compression base (1/2-20)	Compression	\$40 ea.
AWT05-500230	Load button (1/2-20)	Compression	\$60 ea.
52744-0234	Eyebolt fitting (1/2-20)	Tension	\$13 ea.
AWT15-500179	Rod end bearing, (1/2-20)	Tension	\$30 ea.
AWT15-500174	Threaded stud, (1/2-20)	Tension	\$10 ea.
<b>Hardware for 5,000/10,000 lb Load Cells (3/4-16 threads)</b>			
AWT15-500184	Compression base (3/4-16)	Compression	\$60 ea.
AWT05-500231	Load button (3/4-16)	Compression	\$90 ea.
52744-0242	Eyebolt fitting (3/4-16)	Tension	\$28 ea.
AWT15-500180	Rod end bearing, (3/4-16)	Tension	\$65 ea.
AWT15-500175	Threaded stud, (3/4-16)	Tension	\$18 ea.
<b>Hardware for 20,000 lb Load Cell (1.25-12 threads)</b>			
AWT15-500185	Compression base (1.25-12)	Compression	\$130 ea.
AWT05-500233	Load button (1.25-12)	Compression	\$130 ea.
AWT15-500181	Rod end bearing, (1.25-12)	Tension	\$330 ea.
AWT15-500176	Threaded stud, (1.25-12)	Tension	\$68 ea.

## Load Cell Summing Box

Connect up to four load cells to the FI80 or FI-127 indicator to monitor total load. Load cells must be identical capacity and part number. S-Beam load cells require model with 20 ft cable and tinned leads. SGMT, SGMC and Z-cells each require a cable assembly below.



Part Number	Description	List Price
50063-1015	Stainless Steel NEMA4X four load cell summing box	\$190
47742-0020	25 ft (8 m) cable between FI-80/FI-127 and summing box (required)	\$75
	1st load cell calibration	No Charge
DILLONCAL-MTS	2nd – 4th load cell calibrations	\$90 ea.

Load cell cable for each SGMT, SGMC and Z-cell connected to the load cell summing box.  
Not required for S-Beam.

Part Number	Length	List Price
26850-0311	6 ft	\$75
26850-0329	12 ft	\$85
26850-0337	18 ft	\$95
26850-0345	25 ft	\$105

### Notes:

1. Each Dillon indicator and single load cell combination includes free calibration. Additional load cells are calibrated at only \$85 each for load cell summing box or multiple load cell memory in FI-127.
2. Load cell systems will be calibrated in tension direction. Load cell systems with SGMC and Compression Z-cell will be calibrated in compression. Load cell systems with S-Beam will be calibrated as appropriate for included hardware, if any.
3. Bi-directional calibration available with single S-Beam and FI-127 for \$85.
4. Load cells are designed to measure force along its loading axis only. Off-center bending, shear and torsion loads are undesired and should be relieved