

# DILLON

## 2008 Price List

Effective: October 1, 2008

Loadcell\_p.indd

### 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.



<u>Part Number</u>	<u>Pound Capacity</u>	<u>List Price</u>	<u>Part Number</u>	<u>Kg Capacity</u>	<u>List Price</u>
31913-0068	2,000	\$ 1,190	31913-0050	1,000	\$ 1,190
31913-0159	5,000	\$ 1,190	31913-0118	2,000	\$ 1,190
31914-0034	10,000	\$ 1,240	31914-0026	5,000	\$ 1,240
31915-0041	20,000	\$ 1,390	31915-0033	10,000	\$ 1,390
31916-0032	50,000	\$ 1,735	31916-0016	20,000	\$ 1,735
31916-0081	100,000	\$ 1,830	31916-0065	40,000	\$ 1,830

**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*



<u>Part Number</u>	<u>Pound Capacity</u>	<u>List Price</u>	<u>Part Number</u>	<u>Kg Capacity</u>	<u>List Price</u>
31909-0064	2,000	\$ 845	31909-0056	1,000	\$ 845
31909-0155	5,000	\$ 845	31909-0114	2,000	\$ 845
31910-0038	10,000	\$ 930	31910-0020	5,000	\$ 930
31911-0045	20,000	\$ 1,120	31911-0037	10,000	\$ 1,120
31912-0036	50,000	\$ 1,570	31912-0010	20,000	\$ 1,570
31912-0085	100,000	\$ 1,630	31912-0069	40,000	\$ 1,630

### 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.

<u>Part Number</u>	<u>Description</u>	<u>Pound Capacity</u>	<u>Kg Capacity</u>	<u>List Price</u>
30270-0018	Eye Nut	2,000-10,000	1,000-5,000	\$ 160
30560-0017	Eye Nut	20,000	10,000	\$ 300
30561-0016	Eye Nut	50,000	20,000	\$ 615

**MODEL Z TENSION LOAD CELL** - Includes side-mounted 5-pin connector, overload stops and eye nuts.



<u>Part Number</u>	<u>Pound Capacity</u>	<u>List Price</u>
33565-0115	25	\$ 850
33565-0123	50	\$ 850
33565-0131	100	\$ 850
33565-0149	200	\$ 850
33565-0164	500	\$ 850
33565-0180	1,000	\$ 890

**MODEL Z COMPRESSION LOAD CELL** - Includes side-mounted 5-pin connector, overload stops, compression load fitting and base plate.



<u>Part Number</u>	<u>Pound Capacity</u>	<u>List Price</u>
33365-0117	25	\$ 900
33365-0125	50	\$ 900
33365-0133	100	\$ 900
33365-0141	200	\$ 900
33365-0166	500	\$ 900
33365-0182	1,000	\$ 950

**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.

<u>Part Number</u>	<u>Length</u>	<u>List Price</u>
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

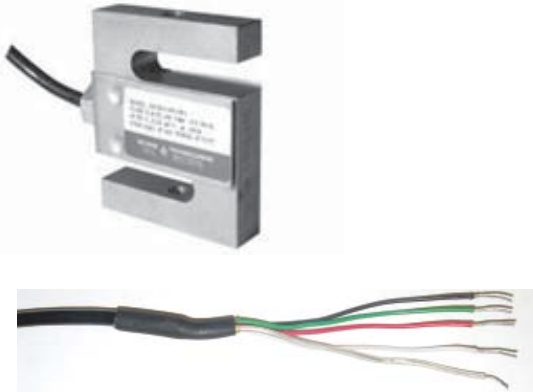
NOTE: Additional cable length, add \$2.00/ft.

Parts for cable assemblies

<u>Part Number</u>	<u>Description</u>	<u>List Price</u>
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.



<u>Part Number</u>	<u>Capacity</u>	<u>List Price</u>
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.



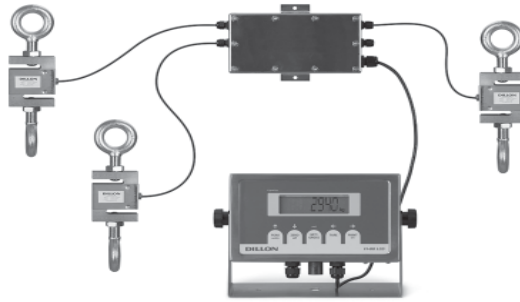
<u>Part Number</u>	<u>Capacity</u>	<u>List Price</u>
AWT27-500011	50 lb / 22 kg	\$ 430
AWT27-500012	100 lb / 45 kg	\$ 430
AWT27-500013	200 lb / 90 kg	\$ 430
AWT27-500014	500 lb / 220 kg	\$ 430
AWT27-500015	1,000 lb / 450 kg	\$ 430
AWT27-500016	2,000 lb / 900 kg	\$ 430
AWT27-500017	5,000 lb / 2,200 kg	\$ 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

<u>Part Number</u>	<u>Description</u>	<u>Use</u>	<u>List Price</u>
<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.



<u>Part Number</u>	<u>Description</u>	<u>List Price</u>
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	free
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.

<u>Part Number</u>	<u>Length</u>	<u>List Price</u>
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.