

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 |

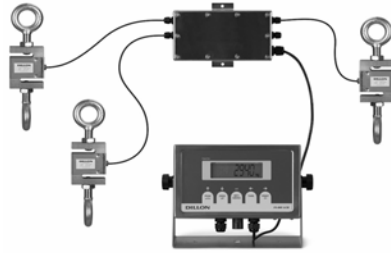
S-Beam Load Cell Hardware

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

| Part Number | Description | Use | List Price |
|---|----------------------------|-------------|------------|
| Hardware for 50/100/200 lb Load Cells (1/4-28 threads) | | | |
| 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. |
| Hardware for 500/1,000/ 2,000 lb Load Cells (1/2-20 threads) | | | |
| 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. |
| Hardware for 5,000/10,000 lb Load Cells (3/4-16 threads) | | | |
| 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. |
| Hardware for 20,000 lb Load Cell (1.25-12 threads) | | | |
| 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