

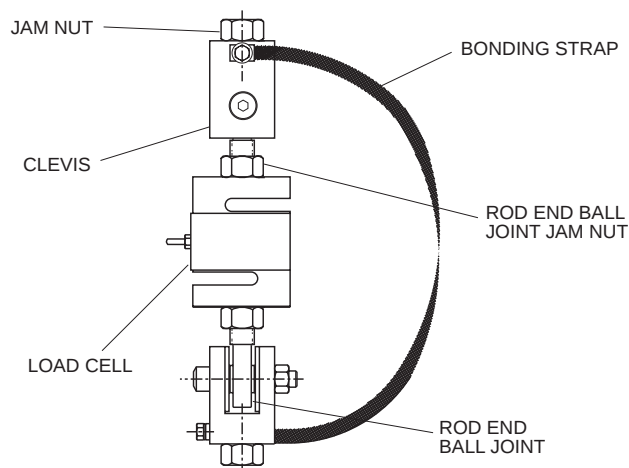
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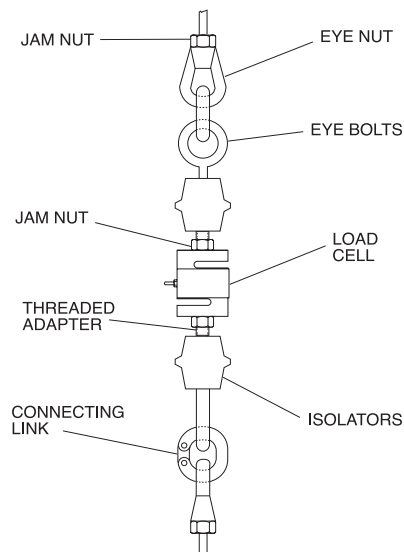
Hardware and Accessories

Mounting Assembly Component Identification

ITCM Isolated Tension Cell Mounting Assembly



Conventional Tension Mounting Assembly



Our popular ITCM Isolated Tension Cell Mounting Assembly and other conventional suspended weighing system assemblies employ a variety of serviceable hardware components. Rice Lake Weighing Systems offers a comprehensive selection of these items for all of your suspended vessel service needs. These drawings are designed to enable you to quickly identify and differentiate components from both of these common designs. All corresponding replacement hardware is located on the following pages.

Jam Nuts

Mild Steel/Stainless Steel

- Coarse or fine thread
- Zinc-plated mild steel or stainless steel



THREAD SIZE	PART #	SUGGESTED LIST PRICE
Mild Steel, Fine Thread:		
1/4-28 NF	14639	\$0.15
3/8-24 NF	14651	\$0.15
1/2-20 NF	14664	\$0.15
5/8-18 NF	14677	\$0.25
3/4-16 NF	14687	\$0.50
1-12 NF	14702	\$5.00
1-14 NF	14703	\$3.95
1 1/4-12 NF	14708	\$2.70
1 1/2-12 NF	14711	\$4.00
Mild Steel, Coarse Thread:		
1/4-20 NC	14636	\$0.15
3/8-16 NC	14649	\$0.15
1/2-13 NC	14661	\$0.15
5/8-11 NC	14676	\$0.25
3/4-10 NC	14686	\$0.50
1-8 NC	14701	\$0.65
1-1/4-7 NC	14707	\$2.50

THREAD SIZE	PART #	SUGGESTED LIST PRICE
Stainless Steel, Fine Thread:		
1/4-28 NF	14640	\$0.80
1/2-20 NF	14665	\$1.25
3/4-16 NF	14688	\$1.75
Stainless Steel, Coarse Thread:		
3/8-16 NC	14653	\$0.20
1/2-13 NC	14662	\$1.25
5/8-11 NC	14680	\$0.80
3/4-10 NC	14690	\$1.50

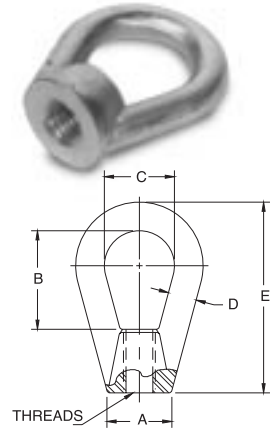
Hardware and Accessories

Eye Nuts

- Drop-forged steel, tapped NC right-hand threads

PART #	DIMENSIONS - INCHES (MILLIMETERS)										THREAD SIZE	SAFE LOAD*	SUGGESTED LIST PRICE
	A	B	C	D	E								
17772	.50	(12.7)	1.06	(26.9)	.75	(19.1)	.25	(6.4)	1.68	(42.7)	1/4-20 NC	500lb (226.8kg)	\$10.50
17773	.75	(19.1)	1.18	(30.0)	.87	(22.1)	.31	(7.9)	2.25	(57.2)	3/8-16 NC	1800lb (816.5kg)	\$11.50
17774	1.00	(25.4)	1.56	(39.6)	1.12	(28.5)	.43	(10.9)	3.00	(76.2)	1/2-13 NC	3600lb (1632.9kg)	\$16.50
17775	1.25	(31.8)	1.93	(49.0)	1.37	(34.8)	.56	(14.2)	3.75	(95.3)	5/8-11 NC	5800lb (2630.8kg)	\$22.50
17776	1.75	(44.5)	1.87	(47.5)	1.50	(38.1)	.75	(19.1)	3.87	(98.3)	3/4-10 NC	10,600lb (4808.1kg)	\$32.50
17777	2.25	(57.2)	2.12	(53.9)	1.75	(44.5)	1.00	(25.4)	4.75	(120.7)	1-8 NC	18,800lb (8527.6kg)	\$65.00

*Do not exceed the safe load.



Coupling Nuts

- Heavy hex

PART #	THREAD SIZE	LENGTH		FLAT		SAFE LOAD*	SUGGESTED LIST PRICE
		INCHES (MM)		INCHES (MM)			
14638	1/4-20 NC	1.75	(44.5)	.44	(11.2)	500lb (226.8kg)	\$2.00
14650	3/8-16 NC	1.75	(44.5)	.62	(15.8)	1500lb (680.4kg)	\$2.50
14663	1/2-13 NC	1.75	(44.5)	.87	(22.1)	3000lb (1360.8kg)	\$2.50
14681	5/8-11 NC	1.75	(44.5)	1.06	(26.9)	7500lb (3402.0kg)	\$4.00
14691	3/4-10 NC	1.75	(44.5)	1.25	(31.8)	10,000lb (4535.9kg)	\$5.00

*Do not exceed the safe load.



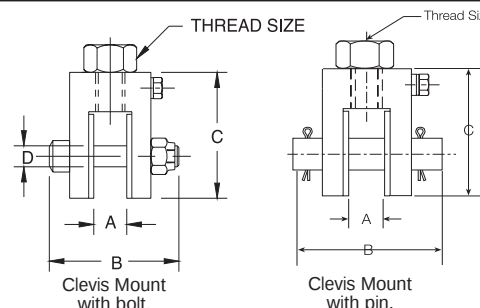
Important: Read "Load Cell Mounting Hardware Safety Guidelines" on page 367.

Hardware and Accessories

Clevis Mount Assemblies

Mild Steel

- Assembly used in the ITCM
- Adapts rod to rod-end ball joint
- Provides electrical isolation for load cell protection
- Elimination of unwanted side loads
- Optional stainless steel provides enhanced corrosion resistance

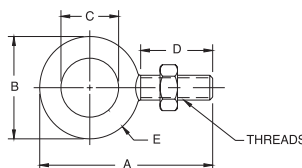


PART #	DIMENSIONS - INCHES (MILLIMETERS)					THREAD SIZE	SAFE LOAD*	SUGGESTED LIST PRICE
	A	B	C	D				
Mild Steel with bolt:								
17792	.52 (13.2)	2.38 (60.5)	1.94 (49.3)	.38 (9.5)	3/8-16 NC	300lb (136.1kg)	\$65.00	
17793	.52 (13.2)	2.38 (60.5)	1.94 (49.3)	.38 (9.5)	1/2-13 NC	300lb (136.1kg)	\$65.00	
17783	.39 (9.9)	1.81 (46.0)	1.69 (42.9)	.25 (6.4)	1/2-13 NC	500lb (226.8kg)	\$65.00	
17784	.65 (16.5)	2.68 (68.1)	2.31 (58.7)	.50 (12.7)	3/4-10 NC	4000lb (1814.4kg)	\$65.00	
17785	.78 (19.8)	3.37 (85.6)	3.00 (76.2)	.62 (15.8)	1- 8 NC	10,000lb (4535.9kg)	\$65.00	
17786	.39 (9.9)	1.81 (46.0)	1.69 (42.9)	.25 (6.4)	3/8-16 NC	500lb (226.8kg)	\$65.00	
17787	.65 (16.5)	2.68 (68.1)	2.31 (58.7)	.50 (12.7)	1/2-13 NC	2000lb (907.2kg)	\$65.00	
17788	.65 (16.5)	2.68 (68.1)	2.31 (58.7)	.50 (12.7)	5/8-11 NC	2500lb (1134.0kg)	\$65.00	
17789	.78 (19.8)	3.37 (85.6)	3.00 (76.2)	.62 (15.8)	3/4-10 NC	5000lb (2268.0kg)	\$65.00	
Mild Steel with pin:								
17790	1.39 (35.3)	4.12 (104.6)	4.50 (114.3)	1.00 (25.4)	1 1/4- 7 NC	15,000lb (6803.9kg)	\$250.00	
17791	1.22 (31.0)	4.12 (104.6)	5.00 (127.0)	1.25 (31.8)	1 1/2- 6 NC	20,000lb (9071.9kg)	\$250.00	
Stainless Steel with pin:								
33644	.52 (13.2)	2.38 (60.5)	1.94 (49.3)	.38 (9.5)	1/2-13 NC	300lb (136.1kg)	\$125.00	
33643	.39 (9.9)	1.81 (46.0)	1.69 (42.9)	.25 (6.4)	1/2-13 NC	500lb (226.8kg)	\$125.00	
33641	.39 (9.9)	1.81 (46.0)	1.69 (42.9)	.25 (6.4)	3/8-16 NC	500lb (226.8kg)	\$125.00	
33658	.52 (13.2)	2.38 (60.5)	1.94 (49.3)	.38 (9.5)	3/8-16 NC	500lb (226.8kg)	\$125.00	
33642	.65 (16.5)	2.68 (68.1)	2.31 (58.7)	.50 (12.7)	3/4-10 NC	4000lb (1814.4kg)	\$165.00	
33640	.65 (16.5)	2.68 (68.1)	2.31 (58.7)	.50 (12.7)	1/2-13 NC	2000lb (907.2kg)	\$165.00	
33639	.65 (16.5)	2.68 (68.1)	2.31 (58.7)	.50 (12.7)	5/8-11 NC	2500lb (1134.0kg)	\$165.00	
33638	.78 (19.8)	3.37 (85.6)	3.00 (76.2)	.62 (15.8)	3/4-10 NC	5000lb (2268.0kg)	\$165.00	

*Do not exceed the safe load.

Load Cell Eye Bolts

- One jam nut included with each eye bolt



PART #	DIMENSIONS - INCHES (MILLIMETERS)										SAFE LOAD*	SUGGESTED LIST PRICE
	A	B	C	D	E	THREAD SIZE						
Mild Steel:												
17705	2.25 (57.2)	1.25 (31.8)	.75 (19.1)	1.00 (25.4)	.25 (6.4)	1/4-28 NF	500lb (226.8kg)	\$7.00				
17707	2.91 (73.9)	1.66 (42.2)	1.00 (25.4)	1.25 (31.8)	.33 (8.4)	3/8-24 NF	1400lb (635.0kg)	\$7.00				
17709	3.56 (90.4)	2.06 (52.3)	1.19 (30.2)	1.50 (38.1)	.44 (11.2)	1/2-20 NF	2600lb (1179.3kg)	\$10.00				
17711	4.25 (108.0)	2.50 (63.5)	1.37 (34.8)	1.75 (44.5)	.56 (14.2)	5/8-18 NF	4000lb (1814.4kg)	\$13.00				
17713	4.81 (122.2)	2.81 (71.4)	1.50 (38.1)	2.00 (50.8)	.66 (16.8)	3/4-16 NF	6000lb (2721.6kg)	\$18.00				
17715	6.06 (153.9)	3.56 (90.4)	1.81 (46.0)	2.50 (63.5)	.87 (22.1)	1-12 NF	9000lb (4082.3kg)	\$31.00				
17716	6.06 (153.9)	3.56 (90.4)	1.81 (46.0)	2.50 (63.5)	.87 (22.1)	1-14 NF	9000lb (4082.3kg)	\$29.00				
17718	7.44 (189.0)	4.44 (112.8)	2.19 (55.6)	3.00 (76.2)	1.12 (28.4)	1 1/4-12 NF	15,000lb (6803.9kg)	\$50.00				
17704	2.25 (57.2)	1.25 (31.8)	.75 (19.1)	1.00 (25.4)	.25 (6.4)	1/4-20 NC	500lb (226.8kg)	\$11.00				
17706	2.91 (73.9)	1.66 (42.2)	1.00 (25.4)	1.25 (31.8)	.33 (8.4)	3/8-16 NC	1400lb (635.0kg)	\$11.00				
17708	3.56 (90.4)	2.06 (52.3)	1.19 (30.2)	1.50 (38.1)	.44 (11.2)	1/2-13 NC	2600lb (1179.3kg)	\$10.00				
17710	4.25 (108.0)	2.50 (63.5)	1.37 (34.8)	1.75 (44.5)	.56 (14.2)	5/8-11 NC	4000lb (1814.4kg)	\$14.00				
17712	4.81 (122.2)	2.81 (71.4)	1.50 (38.1)	2.00 (50.8)	.66 (16.8)	3/4-10 NC	6000lb (2721.6kg)	\$19.00				
17714	6.06 (153.9)	3.56 (90.4)	1.81 (46.0)	2.50 (63.5)	.87 (22.1)	1-8 NC	9000lb (4082.3kg)	\$30.00				
17717	7.44 (189.0)	4.44 (112.8)	2.19 (55.6)	3.00 (76.2)	1.12 (28.4)	1 1/4-7 NC	15,000lb (6803.9kg)	\$55.00				
17719	4.31 (109.5)	2.81 (71.4)	1.50 (38.1)	1.50 (38.1)	.66 (16.8)	3/4-10 NC	6000lb (2721.6kg)	\$18.00				

*Do not exceed the safe load.

Important: Read "Load Cell Mounting Hardware Safety Guidelines" on page 367.

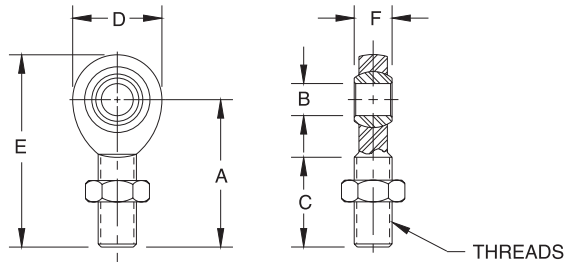
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

Hardware and Accessories

Rod End Ball Joints

- Used in the ITCM assembly
- One jam nut included with each rod end ball joint
- Standard or Teflon®-lined
- Optional stainless steel provides enhanced corrosion resistance for hostile environments



PART #	DIMENSIONS - INCHES (MILLIMETERS)										F	THREAD SIZE	SAFE LOAD*	BREAKING STRENGTH	TFE LINED	SUGG. LIST PRICE	
	A	B	C	D	E												
Mild Steel:																	
17746	1.94	(49.3)	.37	(9.4)	1.25	(31.8)	1.00	(25.4)	2.43	(61.7)	.50	(12.7)	3/8-24 NF	975lb (453.6kg)	3915lb (1913.3kg)	YES	\$16.00
17734	1.94	(49.3)	.37	(9.4)	1.25	(31.8)	1.00	(25.4)	2.43	(61.7)	.50	(12.7)	3/8-24 NF	1200lb (544.3kg)	4916lb (2229.9kg)	NO	\$12.50
17736	2.44	(62.0)	.50	(12.7)	1.50	(38.1)	1.31	(33.3)	3.09	(78.5)	.62	(15.8)	1/2-20 NF	4000lb (1814.4kg)	16,238lb (7365.5kg)	NO	\$40.00
17738	2.87	(72.9)	.75	(19.1)	1.75	(44.5)	1.75	(44.5)	3.75	(95.3)	.87	(22.1)	3/4-16 NF	7000lb (3175.2kg)	28,081lb (12,737.4kg)	NO	\$58.00
17735	2.44	(62.0)	.50	(12.7)	1.50	(38.1)	1.31	(33.3)	3.09	(78.5)	.62	(15.8)	1/2-20 NF	2000lb (907.2kg)	8075lb (3662.8kg)	NO	\$11.00
17737	2.87	(72.9)	.75	(19.1)	1.75	(44.5)	1.75	(44.5)	3.75	(95.3)	.87	(22.1)	3/4-16 NF	3250lb (1474.2kg)	13,831lb (6273.7kg)	NO	\$20.00
17739	1.56	(39.6)	.25	(6.4)	1.00	(25.4)	.75	(19.1)	1.93	(49.0)	.37	(9.4)	1/4-28 NF	500lb (226.8kg)	2158lb (978.9kg)	YES	\$12.00
17740	2.44	(62.0)	.50	(12.7)	1.50	(38.1)	1.31	(33.3)	3.09	(78.5)	.62	(15.8)	1/2-20 NF	4000lb (1814.4kg)	16,238lb (7365.5kg)	YES	\$40.00
17741	2.87	(72.9)	.62	(15.8)	1.75	(44.5)	1.75	(44.5)	3.75	(95.3)	.75	(19.1)	3/4-16 NF	10,000lb (4535.9kg)	40,572lb (18,403.2kg)	YES	\$60.00
17742	4.12	(104.7)	1.00	(25.4)	2.12	(53.9)	2.75	(70.0)	5.50	(139.7)	1.37	(34.8)	1-12 NF	10,500lb (4762.7kg)	43,541lb (19,749.9kg)	NO	\$76.00
26007	4.12	(104.7)	1.00	(25.4)	2.12	(53.9)	2.75	(70.0)	5.50	(139.7)	1.37	(34.8)	1-14 UNS	15,000lb (6803.9kg)	76,200lb (34,563.8kg)	YES	\$225.00
17747	4.12	(104.7)	1.00	(25.4)	2.12	(53.9)	2.75	(70.0)	5.50	(139.7)	1.37	(34.8)	1-12 NF	19,000lb (8618.3kg)	76,200lb (34,563.8kg)	YES	\$250.00
17743	4.12	(104.7)	1.25	(31.8)	2.12	(53.9)	2.75	(70.0)	5.50	(139.7)	1.09	(27.7)	1 1/4-12 NF	20,000lb (9071.9kg)	79,728lb (36,164.1kg)	NO	\$195.00
17744	5.37	(136.4)	1.50	(38.1)	3.00	(76.2)	3.50	(88.9)	7.12	(180.8)	1.31	(33.3)	1 1/2-12 NF	24,000lb (10,886.2kg)	96,510lb (43,776.3kg)	NO	\$160.00
17745	8.00	(203.2)	2.00	(50.8)	4.62	(117.4)	5.00	(127.0)	10.50	(266.7)	1.75	(44.5)	2-12 NF	55,000lb (24,947.7kg)	225,457lb (102,265.9kg)	NO	\$295.00
Stainless Steel:																	
33506	1.94	(49.3)	.37	(9.4)	1.25	(31.8)	1.00	(25.4)	2.43	(61.7)	.50	(12.7)	3/8-24 NF	1500lb (680.4kg)	7362lb (3339.4kg)	YES	\$85.00
33505	1.56	(39.6)	.25	(6.4)	1.00	(25.4)	.75	(19.1)	1.93	(49.0)	.37	(9.4)	1/4-28 NF	500lb (226.8kg)	2158lb (978.9kg)	YES	\$80.00
33507	2.44	(62.0)	.50	(12.7)	1.50	(38.1)	1.31	(33.3)	3.09	(78.5)	.62	(15.8)	1/2-20 NF	3000lb (1360.8kg)	16,238lb (7365.5kg)	YES	\$95.00
33508	2.87	(72.9)	.62	(15.8)	1.75	(44.5)	1.75	(44.5)	3.75	(95.3)	.75	(19.1)	3/4-16 NF	7,000lb (3175.2kg)	40,572lb (18,403.2kg)	YES	\$195.00

*Do not exceed the safe load.

Teflon is a registered trademark of E.I. DuPont

Bonding Strap

- Used in the ITCM assembly
- Tinned copper braid
- Crimped sleeve on ends with .25" (6.4mm) hole
- Available in 12" (304.8mm), 14" (355.6mm), 16" (406.4mm), 24" (609.6mm) or 32" (812.8mm) lengths

LENGTH INCHES (MM)	PART #	SUGGESTED LIST PRICE
12 (304.8)	17778	\$9.50
14 (355.6)	17779	\$10.50
16 (406.4)	17780	\$11.50
24 (609.6)	17781	\$12.00
32 (812.8)	17782	\$18.00



Important: Read "Load Cell Mounting Hardware Safety Guidelines" on page 367.

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Prices & Specifications subject to change without notice

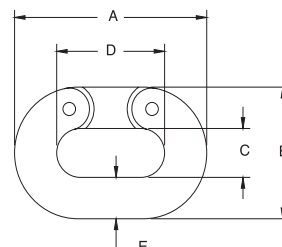
Hardware and Accessories

Connecting Links

- Drop-forged carbon steel, heat-treated, hot-dipped galvanized finish



PART #	DIMENSIONS - INCHES (MILLIMETERS)										SAFE LOAD*	SUGGESTED LIST PRICE
	A	B	C	D	E							
17794	1.50	(38.1)	1.00	(25.4)	.43	(10.9)	.87	(22.1)	.25	(6.4)	1325 lb (601.6 kg)	\$10.00
17795	2.06	(52.3)	1.37	(34.8)	.56	(14.2)	1.12	(28.5)	.37	(9.4)	2750 lb (1247.4 kg)	\$12.00
17796	2.65	(67.3)	1.71	(43.4)	.65	(16.5)	1.46	(37.1)	.50	(12.7)	4750 lb (2154.6 kg)	\$13.00
17797	3.31	(84.1)	2.09	(53.1)	.78	(19.8)	1.81	(46.0)	.62	(15.8)	7250 lb (3288.6 kg)	\$20.00
17798	3.87	(98.3)	2.50	(63.5)	.93	(23.6)	2.12	(53.9)	.75	(19.1)	10,250 lb (4649.3 kg)	\$35.00
17799	5.00	(127.0)	3.31	(84.1)	1.25	(31.8)	2.75	(69.9)	1.00	(25.4)	15,500 lb (7030.7 kg)	\$58.00



*Do not exceed the safe load.

Load Cell Isolators

- Power surges such as those caused by welding or electrical shorts frequently damage load cells and indicators. To prevent such damage, these isolators electrically separate the mechanical assembly from its tension-type load cell.

PART #	THREAD SIZE	HEIGHT INCHES	MAX. DIA (MILLIMETERS)	SAFE LOAD*	SUGGESTED LIST PRICE
17722	3/8-16 NC	2.50	(63.5)	600 lb (272.2 kg)	\$20.00
17724	1/2-13 NC	2.50	(63.5)	600 lb (272.2 kg)	\$28.00
17726	1/2-20 NF	2.50	(63.5)	600 lb (272.2 kg)	\$32.00
17725	1/2-13 NC	2.43	(61.7)	3000 lb (1360.8 kg)	\$45.00
17723	3/8-24 NF	2.50	(63.5)	600 lb (272.2 kg)	\$32.00
17728	1/2-13 NC x 1/2-20 NF	2.50	(63.5)	600 lb (272.2 kg)	\$32.00
17731	1/4-28 NF	1.00	(25.4)	150 lb (68.0 kg)	\$25.00
17732	1/4-20 NC	1.00	(25.4)	250 lb (113.4 kg)	\$25.00



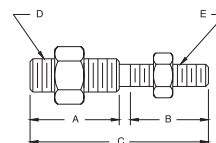
* Do not exceed the safe load.

Threaded Adapters

- For coupling isolators with load cells and steelyard rods
- Supplied with jam nuts
- Now in stronger, more durable stainless steel



PART #	DIMENSIONS - INCHES (MILLIMETERS)										SAFE LOAD*	SUGGESTED LIST PRICE
	A	B	C	D	E							
33561	—	—	—	—	2.00	(50.8)	1/4-28 NF	1/4-28 NF	300 lb	(136.1 kg)	\$9.00	
33562	.94	(23.9)	.94	(23.9)	2.00	(50.8)	1/4-28 NF	1/4-20 NC	300 lb	(136.1 kg)	\$9.00	
33563	.92	(23.3)	1.02	(25.9)	2.06	(52.3)	1/4-28 NF	3/8-24 NF	300 lb	(136.1 kg)	\$9.00	
33564	.94	(23.9)	.94	(23.9)	2.00	(50.8)	1/4-28 NF	3/8-16 NC	300 lb	(136.1 kg)	\$9.00	
33565	1.06	(26.9)	1.06	(26.9)	2.25	(57.2)	1/4-20 NC	3/8-16 NC	300 lb	(136.1 kg)	\$14.00	
33566	1.06	(26.9)	1.06	(26.9)	2.25	(57.2)	1/4-20 NC	3/8-24 NC	300 lb	(136.1 kg)	\$14.00	
33567	1.06	(26.9)	1.06	(26.9)	2.25	(57.2)	1/4-28 NF	1/2-13 NC	300 lb	(136.1 kg)	\$14.00	
33568	—	—	—	—	2.00	(50.8)	3/8-24 NF	3/8-24 NF	500 lb	(226.8 kg)	\$14.00	
33569	.91	(23.1)	.91	(23.1)	2.00	(50.8)	3/8-16 NC	3/8-24 NF	500 lb	(226.8 kg)	\$8.00	
33570	1.06	(26.9)	1.06	(26.9)	2.25	(57.2)	3/8-24 NF	1/2-13 NC	500 lb	(226.8 kg)	\$14.00	
33571	1.31	(33.3)	1.31	(33.3)	2.75	(69.9)	1/2-13 NC	5/8-11 NC	3000 lb	(1360.8 kg)	\$14.00	
33572	.87	(22.0)	.87	(22.0)	2.00	(50.8)	1/2-13 NC	1/2-20 NF	3000 lb	(1360.8 kg)	\$12.00	
33573	—	—	—	—	2.06	(52.3)	1/2-20 NF	1/2-20 NF	3000 lb	(1360.8 kg)	\$12.00	
33574	1.31	(33.3)	1.31	(33.3)	2.75	(69.9)	1/2-20 NF	5/8-11 NC	3000 lb	(1360.8 kg)	\$14.00	
33575	1.31	(33.3)	1.31	(33.3)	3.00	(76.2)	3/4-16 NF	3/4-10 NC	7000 lb	(3175.2 kg)	\$16.00	



*Do not exceed the safe load.

Important: Read "Load Cell Mounting Hardware Safety Guidelines" on page 367.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

Hardware and Accessories

ITCM - Isolated Tension Cell Mount Hardware Kits



Mount only - does not include load cell

The ITCM, Isolated Tension Cell Mount, is a mounting assembly designed for tension mounting S-beam load cells in suspended hopper assemblies and mechanical scale conversions. The ITCM incorporates clevis and unique rod end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, a major cause of load cell failure. To complete the design, a bonding strap connects the two clevis assemblies to further guarantee safety to your load cells.

APPLICATIONS

- Suspended hoppers
- Mechanical scale conversions
- Replaces traditional eyebolt, isolator configurations

STANDARD FEATURES

- Provides greater safety than traditional suspension configurations
- Complete package for ease of installation
- Built-in electrical isolation without having to use isolators (not available on 20,000lb/9071.9kg version)
- Provides correct load cell loading even in difficult installations
- Dramatically reduces overall length
- Capacities from 100lb/45.4kg to 20,000lb/9071.9kg
- Clevis mounts with nylon insulating washers
- Teflon®-lined rod end ball joints (not available on 20,000lb/9071.9kg version)
- Completely isolates load cell from stray currents
- Bonding strap for electrical continuity

NOTE: ALWAYS EMPLOY SAFETY MEASURES SUCH AS CHAINS OR VERTICAL CHECK RODS. SEE PAGE 296 FOR DETAILS.

LOAD RATING	PART #	CLEVIS THREAD	ROD END THREAD	*SAFE LOAD	SUGGESTED LIST PRICE
Mild Steel:					
300 lb (136.1 kg)	17968	3/8-16	3/8-24	300 lb (136.1 kg)	\$165.00
300 lb (136.1 kg)	17969	1/2-13	3/8-24	300 lb (136.1 kg)	\$165.00
500 lb (226.8 kg)	17894	3/8-16	1/4-28	500 lb (226.8 kg)	\$165.00
500 lb (226.8 kg)	17895	1/2-13	1/4-28	500 lb (226.8 kg)	\$165.00
2000 lb (907.2 kg)	17896	1/2-13	1/2-20	2000 lb (907.2 kg)	\$195.00
2500 lb (1134.0 kg)	17897	5/8-11	1/2-20	2500 lb (1134.0 kg)	\$195.00
4000 lb (1814.4 kg)	17898	3/4-10	1/2-20	4000 lb (1814.4 kg)	\$195.00
5000 lb (2268.0 kg)	17899	3/4-10	3/4-16	5000 lb (2268.0 kg)	\$255.00
10,000 lb (4535.9 kg)	17900	1-8	3/4-16	10,000 lb (4535.9 kg)	\$255.00
15,000 lb (6803.9 kg)	17958	1 1/4-7	1-12	15,000 lb (6803.9 kg)	\$995.00
15,000 lb (6803.9 kg)	63166	1 1/4-7	1-14	15,000 lb (6803.9 kg)	\$945.00
** 20,000 lb (9071.9 kg)	17959	1 1/2-6	1 1/4-12	20,000 lb (9071.9 kg)	\$895.00
Stainless Steel:					
500 lb (226.8 kg)	33630	3/8-16	3/8-24	500 lb (226.8 kg)	\$395.00
300 lb (136.1 kg)	33631	1/2-13	3/8-24	300 lb (136.1 kg)	\$395.00
500 lb (226.8 kg)	33632	3/8-16	1/4-28	500 lb (226.8 kg)	\$395.00
500 lb (226.8 kg)	33633	1/2-13	1/4-28	500 lb (226.8 kg)	\$395.00
2000 lb (907.2 kg)	33634	1/2-13	1/2-20	2000 lb (907.2 kg)	\$495.00
2500 lb (1134.0 kg)	33635	5/8-11	1/2-20	2500 lb (1134.0 kg)	\$495.00
3000 lb (1360.8 kg)	33636	3/4-10	1/2-20	3000 lb (1360.8 kg)	\$495.00
5000 lb (2268.0 kg)	33637	3/4-10	3/4-16	5000 lb (2268.0 kg)	\$695.00

Hardware kits do not include load cell.

*Do not exceed the safe load.

**Not electrically isolated.

Teflon is a registered trademark of E.I. DuPont.

Important: Read "Load Cell Mounting Hardware Safety Guidelines" on page 367.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

Hardware and Accessories

Surefoot™

- Replacement foot, adapts to most floor scales
- Use with single-ended beams to provide large, flat, adjustable introduction surface
- Special neoprene rubber sandwich base gives high accuracy, linearity and repeatability

PART #	MATERIAL	THREAD SIZE	DIMENSIONS - INCHES (MILLIMETERS)				SUGGESTED LIST PRICE
			BASE HT.	TOTAL HT.	DIAMETER		
18756	Stainless Steel	1/2-20 UNF	.75 (19.1)	2.62 (66.5)	3.47 (88.1)		\$40.00
39021	Mild Steel	3/4-16 UNF-28	1.50 (38.1)	3.25 (82.3)	4.00 (101.6)		\$82.00
Metric							
42130	Mild Steel	M12	.75 (19.1)	2.62 (66.5)	3.47 (88.1)		\$45.00



Bench Scale Feet

Rubber Pad

- 1/4-20 NC threads
- USDA-approved

Part # 35128 Rubber Pad
Suggested List Price \$8.00 each



Stainless Steel

- 3/8-16 threads

Part # 19141 Stainless Steel
Suggested List Price \$3.00 each



Leveling Pads

- Replacement feet, adapt to most floor scales
- Available in cadmium-plated steel or stainless steel
- Simple "swivel" design
- Use with single-ended shear beams or bending beams to provide a large, flat load introduction surface

PART #	THREAD SIZE	HEIGHT INCHES	DIAMETER (MILLIMETERS)	SUGGESTED LIST PRICE
Mild Steel:				
18817	1/2-13 NC	1.12 (28.4)	1.87 (47.5)	\$22.00
18820	3/4-10 NC	1.50 (38.1)	3.00 (76.2)	\$40.00
Stainless Steel:				
18818	1/2-13 NC	1.12 (28.4)	1.87 (47.5)	\$55.00
18833	3/4-10 NC	1.50 (38.1)	3.00 (76.2)	\$95.00

Used in conjunction with Leveling Pad Stems on page 336



Leveling Mount

- Designed for use with some floor scales or machinery platforms.
Can be used as a replacement foot on the "SP" floor scale to limit vibrations transmitted to the scale through the floor.
- Provides vibration isolation on most portable platforms

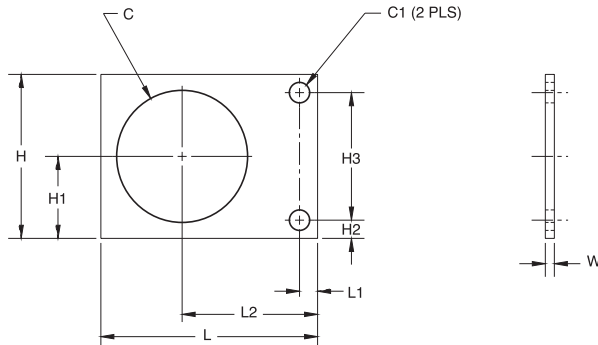
PART #	THREAD SIZE	HEIGHT INCHES	DIAMETER (MILLIMETERS)	SUGGESTED LIST PRICE
18819	1/2-13 NC	1.81 (46.0)	5.00 (127.0)	\$80.00



Hardware and Accessories

RoughDeck™ Scale Base Mounting Plates

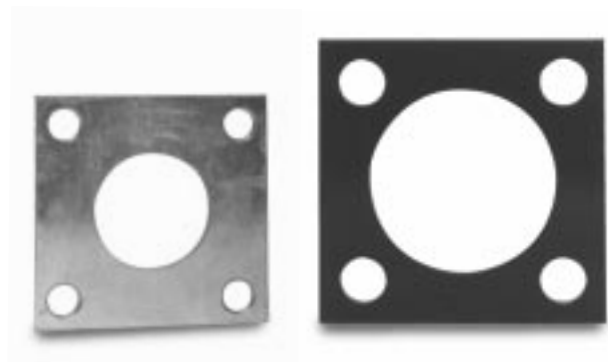
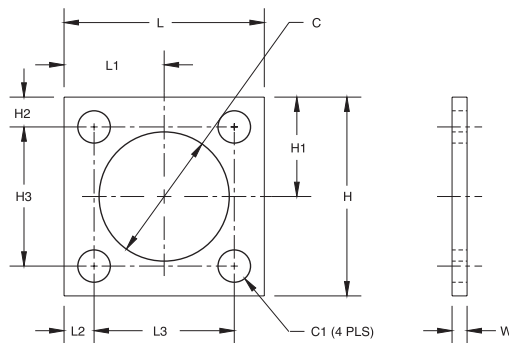
- Secures RoughDecks and other popular floor scales
- Prevents movement in horizontal plane
- Useful with Surefoot™ and other load cell foot assemblies
- Available in stainless steel and mild steel



PART #	MTL.	C	C1	DIMENSIONS - INCHES (MILLIMETERS)							SUGGESTED LIST PRICE
				H	H1	H2	H3	L	L1	L2	
19075	 MS	 3.62 (91.9)	56 (14.2)	 4.50 (114.3)	 2.25 (57.2)	50 (12.7)	 3.50 (88.9)	 6.00 (152.4)	50 (12.7)	 3.75 (95.3)	 \$13.00
19076	 SS	 3.62 (91.9)	56 (14.2)	 4.50 (114.3)	 2.25 (57.2)	50 (12.7)	 3.50 (88.9)	 6.00 (152.4)	50 (12.7)	 3.75 (95.3)	 \$16.00

Floor Scale Mounting Plates

- Suitable for use with leveling pads
- Generic mounting plate for popular floor scales
- Fits most floor scale foot assemblies
- Available in stainless steel and mild steel
(mild steel parts are zinc plated/painted)



PART #	DIMENSIONS - INCHES (MILLIMETERS)											SUGGESTED	
	C	C1	H	H1	H2	H3	L	L1	L2	L3	W	LIST PRICE	
Mild Steel:													
18737	2.00 (50.8) ..	.53 (13.5)...	4.00 (101.6) ...	2.00 (50.8) ..	.50 (12.7)...	3.00 (76.2) .	4.00 (101.6) ...	2.00 (50.8) ..	.50 (12.7) ..	3.00 (76.2) ..	.25 (6.4)	\$8.00	
18738	3.25 (82.6) ..	.81 (20.6)...	5.00 (127.0) ...	2.50 (63.5) ..	.75 (19.1) ...	3.50 (88.9) .	5.00 (127.0) ...	2.50 (63.5) ..	.75 (19.1) ..	3.50 (88.9) ..	.38 (9.7)	\$9.00	
Stainless Steel:													
18751	2.00 (50.8) ..	.53 (13.5)...	4.00 (101.6) ...	2.00 (50.8) ..	.50 (12.7)...	3.00 (76.2) .	4.00 (101.6) ...	2.00 (50.8) ..	.50 (12.7) ..	3.00 (76.2) ..	.25 (6.4)	\$16.00	

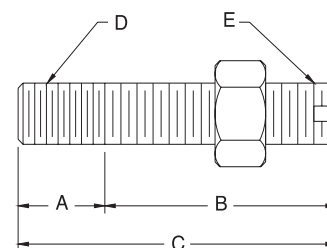
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

Hardware and Accessories

Leveling Pad Stems

- For use with leveling pads
- One jam nut included

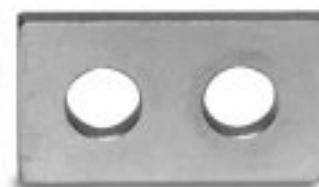
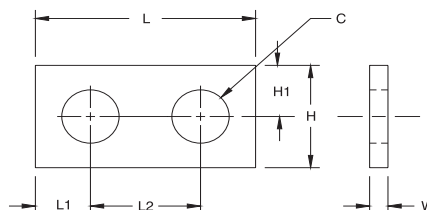


PART #	DIMENSIONS - INCHES (MILLIMETERS)					SLOT	MATERIAL	SUGGESTED LIST PRICE
	A	B	C	D	E			
Mild Steel:								
17693	.75 (19.1)	2.00 (50.8)	2.75 (69.9)	3/4-10 NC	3/4-16 NF	NO	1045	\$12.00
Stainless Steel:								
17689	.50 (12.7)	1.50 (38.1)	2.00 (50.8)	1/2-13 NC	1/2-20 NF	YES	SS	\$12.00
17695	.75 (19.1)	2.00 (50.8)	2.75 (69.9)	3/4-10 NC	3/4-16 NF	NO	SS	\$12.00

Used in conjunction with Leveling Pad on page 326.
Warning: Do not use to suspend a load.

Load Cell Spacers

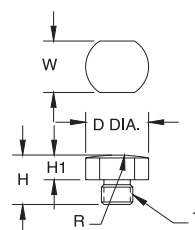
- Use with most popular single-ended beams
- Provides flat mounting surface required for optimum load cell performance
- Zinc-plated mild steel or stainless steel



PART #	C	DIMENSIONS - INCHES (MILLIMETERS)						SUGGESTED LIST PRICE		
		H	H1	L	L1	L2				
Mild Steel:										
17754	.53 (13.4)	1.25 (31.8)	.62 (15.7)	2.25 (57.2)	.62 (15.7)	1.00 (25.4)	.25 (6.4)	\$16.00		
17755	.78 (19.8)	1.50 (38.1)	.75 (19.1)	3.00 (76.2)	.75 (19.1)	1.50 (38.1)	.25 (6.4)	\$17.00		
17756	1.03 (26.2)	2.00 (50.8)	1.00 (25.4)	4.00 (101.6)	1.00 (25.4)	2.00 (50.8)	.25 (6.4)	\$18.00		
18260	.53 (13.4)	1.25 (31.8)	.62 (15.7)	2.25 (57.2)	.62 (15.7)	1.00 (25.4)	.37 (9.4)	\$18.00		
Stainless Steel:										
17757	.78 (19.8)	1.50 (38.1)	.75 (19.1)	3.00 (76.2)	.75 (19.1)	1.50 (38.1)	.25 (6.4)	\$24.00		
18383	.53 (13.4)	1.25 (31.8)	.62 (15.7)	2.25 (57.2)	.62 (15.7)	1.00 (25.4)	.37 (9.4)	\$18.00		
18411	.53 (13.4)	1.25 (31.8)	.62 (15.7)	2.25 (57.2)	.62 (15.7)	1.00 (25.4)	.25 (6.4)	\$16.00		

Load Button

- Suitable for use with compression mounting assemblies, canisters, S-beams, and single-ended beams
- Hardened alloy steel

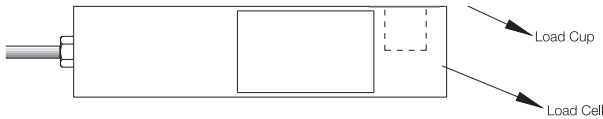


PART #	DIMENSIONS - INCHES (MILLIMETERS)					SUGGESTED LIST PRICE
	T	D	H	H1	R	
17750	3/8-24 UNF	.75 (19.1)	.60 (15.2)	.30 (7.6)	2.00 (50.8)	\$17.00
17751	1/2-20 UNF	.75 (19.1)	.70 (17.8)	.30 (7.6)	4.00 (101.6)	\$17.00
17752	3/4-16 UNF	1.50 (38.1)	.90 (22.9)	.30 (7.6)	6.00 (152.4)	\$19.00

Hardware and Accessories

Ball and Cup Load Introduction

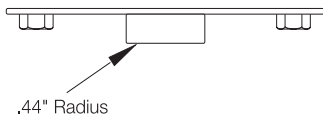
- Design offers accurate point loading
- Self-centering effect built in
- Ease of manufacture for custom applications



Load Receiver

- Use with load cup and ball bearings to build a custom scale
- Ball and cup load introduction provides point loading for maximum accuracy
- Stainless steel construction
- Capacity: 250 - 4000 lb

Part # 18832 Load Receiver
Suggested List Price \$40.00 each



Ball Bearings

- Use with load cup and load receiver to build a custom scale
- Hardened chrome alloy steel for superior durability

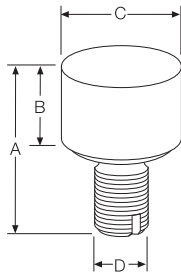
PART #	DIAMETER	SUGGESTED LIST PRICE
18815	5/8"	\$3.00
18816	7/8"	\$5.00



Load Cups

- Ball and cup load introduction provides point loading for maximum accuracy
- For use with most popular single-ended beams

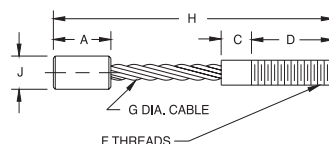
PART #	DIMENSIONS - INCHES (MILLIMETERS)				SUGGESTED LIST PRICE
	A	B	C	D	
31911	1.70 (43.2)	.54 (13.7)	1.07 (27.2)	1/2-20 NF	\$35.00
33654	1.12 (28.4)	.54 (13.7)	.78 (19.8)	1/2-20 NF	\$22.00
33653	1.50 (38.1)	.80 (20.3)	1.12 (28.4)	3/4-16 NF	\$24.00
33652	2.00 (50.8)	.85 (21.6)	1.75 (44.5)	1-12 NF	\$68.00
33651	2.85 (72.4)	.85 (21.6)	1.75 (44.5)	1-12 NF	\$95.00
33650	2.85 (72.4)	.85 (21.6)	1.75 (44.5)	1-14 NF	\$95.00
33647	2.75 (69.9)	.50 (12.7)	.75 (19.1)	1/2-20 NF	\$26.00



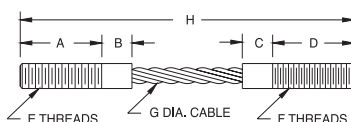
Hardware and Accessories

Wire Rope Assemblies

- Wire rope assemblies provide better alignment and greatly increase load cell repeatability. In addition, they act as natural vibration dampeners.



PART #	DIMENSIONS - INCHES (MILLIMETERS)							SAFE LOAD*	SUGGESTED LIST PRICE
	A	C	D	F	G	H	J		
17759	.81 (20.6)	.50 (12.7)	.87 (22.1)	1/4-28 NF-2A	.12 (3.0)	3.50 (88.9)	.44 (11.2)	400lb (181.4kg)	\$24.00
17761	.87 (22.1)	.50 (12.7)	1.25 (31.8)	3/8-24 NF-2A	.19 (4.8)	3.50 (88.9)	.50 (12.7)	850lb (385.6kg)	\$22.00



PART #	DIMENSIONS - INCHES (MILLIMETERS)							SAFE LOAD*	SUGGESTED LIST PRICE
	A	B & C	D	E	F	G	H		
17760	.87 (22.1)	.50 (12.7)	.87 (22.1)	1/4-20 NC-2A	1/4-28 NF-2A	.12 (3.1)	4.00 (101.6)	400lb (181.4kg)	\$21.00
17762	1.25 (31.8)	.50 (12.7)	1.25 (31.8)	3/8-16 NC-2A	3/8-24 NF-2A	.18 (4.6)	5.00 (127.0)	850lb (385.6kg)	\$32.00
17766	1.62 (41.1)	.50 (12.7)	1.62 (41.1)	1/2-13 NC-2A	1/2-20 NF-2A	.25 (6.4)	6.50 (165.1)	1400lb (635.0kg)	\$32.00
17765	1.62 (41.1)	.50 (12.7)	1.62 (41.1)	1/2-13 NC-2A	1/2-20 NF-2A	.25 (6.4)	5.50 (139.7)	1400lb (635.0kg)	\$32.00
17764	1.00 (25.4)	-	1.37 (34.8)	1/2-20 NF-2A	1/2-20 NF-2A	.25 (6.4)	4.00 (101.6)	1400lb (635.0kg)	\$36.00
17768	2.00 (50.8)	-	2.50 (63.5)	3/8-24 NF-2A	3/8-24 NF-2A	.12 (3.1)	5.50 (139.7)	400lb (181.4kg)	\$45.00
17769**	1.25 (31.8)	-	.75 (19.1)	1/4-28 NF-2A	1/4-28 NF-2A	.12 (3.1)	3.00 (76.2)	400lb (181.4kg)	\$30.00
17770**	1.25 (31.8)	-	.75 (19.1)	1/2-20 NF-2A	1/2-20 NF-2A	.18 (4.6)	3.00 (76.2)	850lb (385.6kg)	\$30.00
17771**	1.25 (31.8)	-	.75 (19.1)	1/2-20 NF-2A	1/2-20 NF-2A	.25 (6.4)	3.00 (76.2)	1400lb (635.0kg)	\$30.00

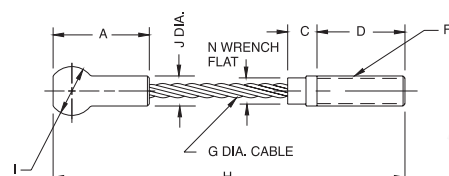
* Do not exceed the safe load.

**Used with Rice Lake Weighing Systems Flexure Bases.

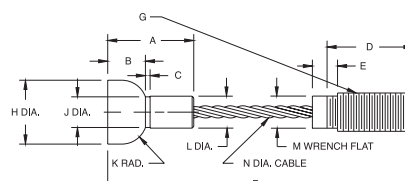
Cardinal Wire Rope Replacement Assemblies

EL208 Cardinal wire rope assembly. Used on 7,500 lb (3402.0 kg) capacity FH model and 8,000 lb (3628.7 kg) capacity EP model.

EL209 Cardinal wire rope assembly. Used on 20,000 lb (9071.9 kg) capacity FH and EP models. May also be used on 15,000 lb (6803.9 kg) capacity FH and EP models.



Part # 17763 EL208



Part # 17767 EL209

PART #	DIMENSIONS - INCHES (MILLIMETERS)										SUGGESTED LIST PRICE
	A	B	C	D	E	F	G	H	I	J	
17763	1.50 (38.1)	-	.50 (12.7)	1.62 (41.1)	-	1/2-13 NC	.25 (6.4)	6.00 (152.4)	.81 (20.6)	.43 (10.9)	\$39.00
17767	1.71 (43.4)	.75 (19.1)	.09 (2.3)	2.00 (50.8)	.43 (10.9)	6.31 (160.3)	3/4-10 UNC-2A	1.25 (31.8)	-	.60 (15.2)	\$50.00

Custom Wire Ropes

- Custom wire ropes are available for your specific applications
- When ordering, please supply us with the specifications listed at right, a sample if possible, the required tension rating and total capacity

Style Wire Rope*

A ... Thread Length	F ... Threads	K ... Safe Load
B ... Shank Length	G ... Rope Diameter	L ... Environment
C ... Shank Length	H ... Overall Length	M ... Application
D ... Thread Length	I ... Ball Diameter	
E ... Threads	J ... Shank Diameter	

* Use drawings above for reference

Important: Read "Load Cell Mounting Hardware Safety Guidelines" on page 367.

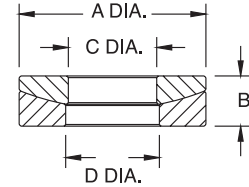
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

Hardware and Accessories

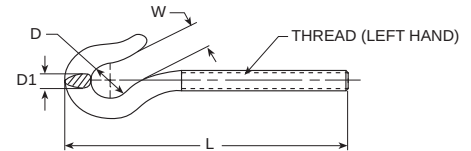
Spherical Washer Sets

PART #	DIMENSIONS - INCHES (MILLIMETERS)					SUGGESTED LIST PRICE
	BOLT SIZE	A	B	C	D	
Mild Steel:						
15196	.25 (6.4)	.62 (15.8)	.20 (5.1)	.28 (7.1)	.31 (7.9)	\$4.50
15197	.38 (9.7)	.88 (22.4)	.25 (6.4)	.41 (10.4)	.44 (11.2)	\$6.00
15198	.50 (12.7)	1.12 (28.5)	.31 (7.9)	.53 (13.5)	.56 (14.2)	\$8.00
15199	.62 (15.8)	1.38 (35.1)	.31 (7.9)	.66 (16.8)	.69 (17.5)	\$9.00
15200	.75 (19.1)	1.62 (41.1)	.38 (9.7)	.78 (19.8)	.81 (20.6)	\$13.00
15201	1.00 (25.4)	2.00 (50.8)	.50 (12.7)	1.06 (26.9)	1.12 (28.5)	\$23.00
15202	1.25 (31.8)	2.62 (66.6)	.50 (12.7)	1.31 (33.3)	1.38 (35.1)	\$32.00
15203	1.50 (38.1)	2.88 (73.2)	.53 (13.5)	1.56 (39.6)	1.62 (41.1)	\$59.00
15204	1.75 (44.5)	3.25 (82.6)	.69 (17.5)	1.81 (46.0)	1.88 (47.8)	\$82.00
15205	2.00 (50.8)	3.88 (98.6)	.81 (20.6)	2.06 (52.3)	2.12 (53.8)	\$90.00
Stainless Steel:						
33218	.50 (12.7)	1.12 (28.5)	.31 (7.9)	.53 (13.5)	.56 (14.2)	\$11.50
33220	.75 (19.1)	1.62 (41.1)	.38 (9.7)	.78 (19.8)	.81 (20.6)	\$21.00



Hooks

- Left-hand thread
- For use with turnbuckle assembly
- Jam nut included

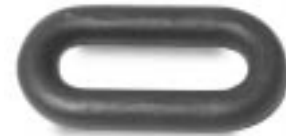


PART #	DIMENSIONS - INCHES (MILLIMETERS)				THREAD	SAFE LOAD*	SUGGESTED LIST PRICE
	D	D1	L	W			
17803	.87 (22.1)	.53 (13.5)	6.50 (165.1)	.81 (20.6)	1/2-13 NC-LH	1300lb (589.7kg)	\$14.00
17804	.90 (22.9)	.62 (15.8)	6.75 (171.5)	.84 (21.3)	5/8-11 NC-LH	2200lb (997.9kg)	\$17.00
17805	1.12 (28.5)	.69 (17.5)	7.37 (187.2)	.91 (23.1)	3/4-10 NC-LH	2700lb (1224.7kg)	\$24.00

* Do not exceed the safe load.

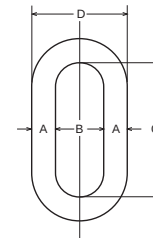
Weldless End Links

- Self colored or hot-dip galvanized
- Forged carbon steel—quenched and tempered



PART #	DIMENSIONS - INCHES (MILLIMETERS)				SAFE LOAD*	SUGGESTED LIST PRICE
	A	B	C	D		
F312L	.625 (15.9)	1.00 (25.4)	3.25 (82.6)	2.32 (58.9)	9300lb (4218.4kg)	\$14.25
17810	.875 (22.2)	2.00 (50.8)	5.13 (130.3)	3.75 (95.3)	12,000lb (5443.1kg)	\$60.00
21911	1.00 (22.2)	2.25 (57.2)	5.75 (146.1)	4.25 (108.0)	15,200lb (6894.6kg)	\$85.00
65430	1.25 (31.8)	2.50 (63.5)	7.00 (177.8)	5.00 (127.0)	26,400lb (11,974.9kg)	\$105.00
21912	1.375 (34.9)	2.75 (69.9)	7.75 (196.9)	5.50 (139.7)	30,000lb (13,607.8kg)	\$255.00

*Do not exceed the safe load.



Important: Read "Load Cell Mounting Hardware Safety Guidelines" on page 367.

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Prices & Specifications subject to change without notice

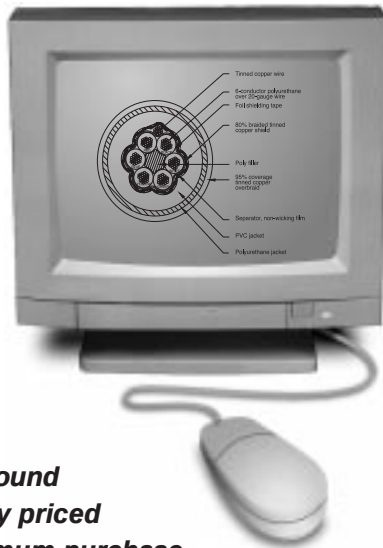
Hardware and Accessories

Complete Custom Cable Services

Special cable requirements?

Custom-built cable designed specifically for your application.

Choose from the following design elements, and Rice Lake Weighing Systems will build a cable to your specifications.



- **Quick turnaround**
- **Competitively priced**
- **5000 ft minimum purchase**
- **Call a Rice Lake Weighing Systems sales representative to begin the design process!**

Jacket Material:

- PVC
- Polyurethane
- Double-jacketed

Conductors:

- Unlimited number
- Twisted pairs
- Color code
- Gauge

Shielding:

- Braided
- Foil

Jacket Colors:

- Black, brown, green, orange, red, blue, yellow, gray, natural

Ink Colors:

- Black, white, silver, orange
- Custom logos

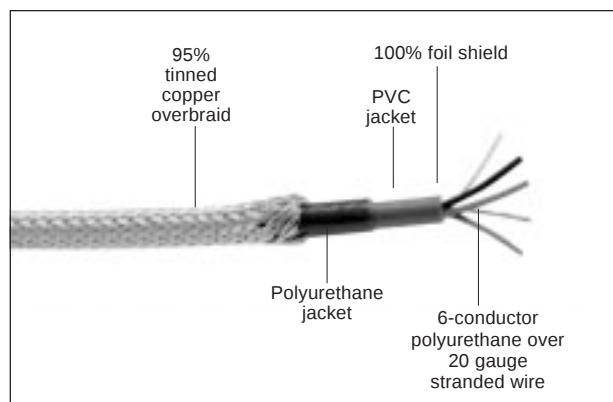
Approvals:

- UL listed
- CSA

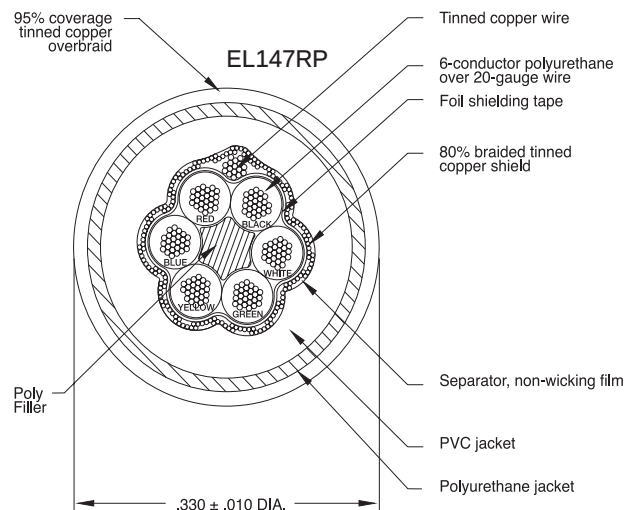
EL147RP Rodent Protection Cable

- Tinned copper overbraid provides superior rodent and abrasion protection
- Enhanced EMI/RFI detergent
- 6-conductor industry-standard color code
- Ideal for truck and railroad track scales
- Diameter: .33" (8.38mm)

PART #	DESCRIPTION - CONTINUOUS FEET (METERS)/ROLL	LIST PRICE
53205	50 (15.3) 6-Conductor Hostile Environment Cable	\$140.00
53204	100 (30.5) 6-Conductor Hostile Environment Cable	\$275.00
53206	250 (76.2) 6-Conductor Hostile Environment Cable	\$700.00
53207	500 (152.4) 6-Conductor Hostile Environment Cable	\$1,400.00
53208	1000 (304.8) 6-Conductor Hostile Environment Cable	\$2,700.00



PART # 31475 EL147RP
Suggested List Price \$3.00/ft



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Prices & Specifications subject to change without notice

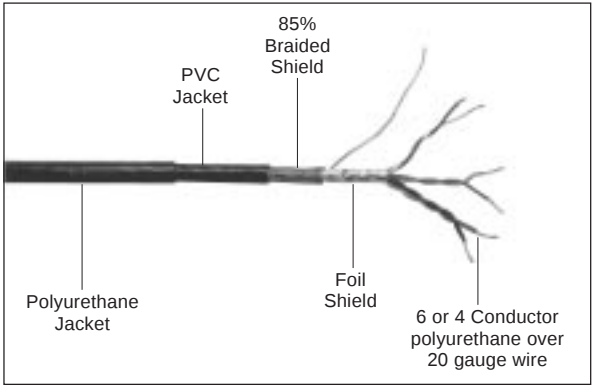
Hardware and Accessories

Hostile Environment Load Cell Cable

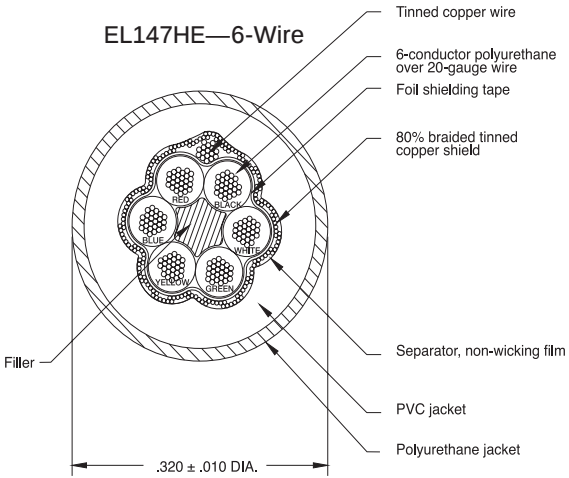
EL146HE—4-Wire Load Cell Cable

EL147HE—6-Wire Load Cell Cable

- Designed for use in hostile environments
- Polyurethane jacketing provides superior chemical and abrasion resistance
- RFI and EMI protected with foil overbraid shield
- Unmatched durability, yet extremely flexible
- All conductors are industry-standard color coded
- Diameter—EL146HE: 0.28" (7.1mm); EL147HE: 0.32" (8.1mm)
- The 6-wire cable is best suited for longer runs where remote sense lines can be used
- Use the 4-wire cable for repairing or extending existing cable



PART #	DESCRIPTION - CONTINUOUS FEET (METERS)/ROLL		SUGGESTED LIST PRICE
15510	100	(30.5) 4-Conductor Hostile Environment Cable	\$132.00
15511	250	(76.2) 4-Conductor Hostile Environment Cable	\$315.00
15512	500	(152.4) 4-Conductor Hostile Environment Cable	\$620.00
15513	1000	(304.8) 4-Conductor Hostile Environment Cable	\$1,150.00
15494	Custom Length	4-Conductor Hostile Environment Cable	\$1.35/ft
15520	100	(30.5) 6-Conductor Hostile Environment Cable	\$170.00
15521	250	(76.2) 6-Conductor Hostile Environment Cable	\$412.00
15522	500	(152.4) 6-Conductor Hostile Environment Cable	\$800.00
15523	1000	(304.8) 6-Conductor Hostile Environment Cable	\$1,580.00
15496	Custom Length	6-Conductor Hostile Environment Cable	\$1.80/ft

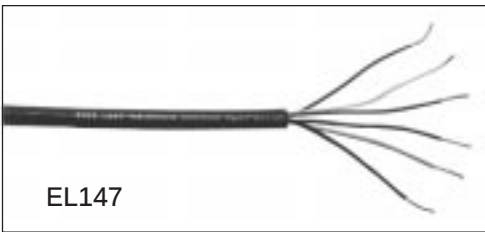
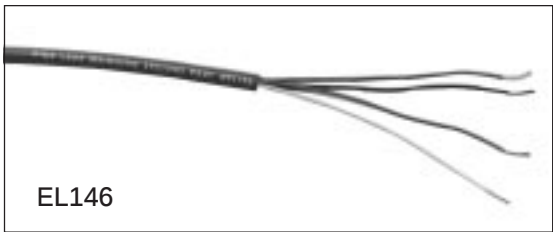


Standard Load Cell Cable

EL146—4-Wire Load Cell Cable

EL147—6-Wire Load Cell Cable

- 20 AWG tinned copper wire stranded for flexibility
- Braided shielding is encased in red PVC
- All conductors are industry-standard color coded
- Diameter—EL146: 0.25" (6.4mm); EL147: 0.29" (7.4mm)
- The 6-wire cable is best suited for longer runs where remote sense lines can be used
- Use the 4-wire cable for repairing or extending existing cable



PART #	DESCRIPTION - CONTINUOUS FEET (METERS)/ROLL		SUGGESTED LIST PRICE
15505	100	(30.5) 4-Conductor Cable	\$75.00
15506	250	(76.2) 4-Conductor Cable	\$180.00
15507	500	(152.4) 4-Conductor Cable	\$350.00
15508	1000	(304.8) 4-Conductor Cable	\$660.00
15493	Custom Length	4-Conductor Cable	\$0.80/ft
15515	100	(30.5) 6-Conductor Cable	\$148.00
15516	250	(76.2) 6-Conductor Cable	\$360.00
15517	500	(152.4) 6-Conductor Cable	\$690.00
15518	1000	(304.8) 6-Conductor Cable	\$1,340.00
15495	Custom Length	6-Conductor Cable	\$1.50/ft

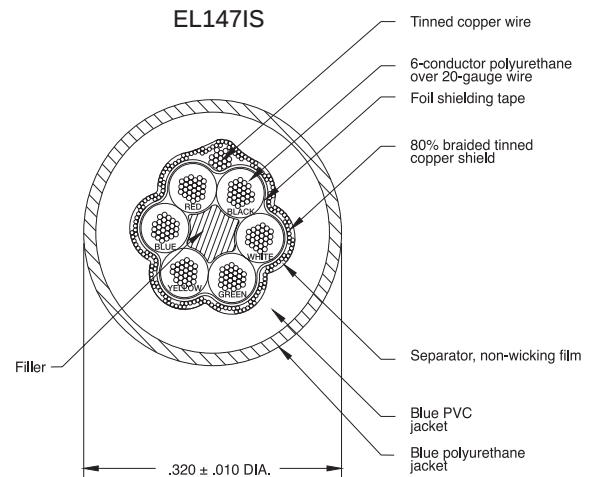
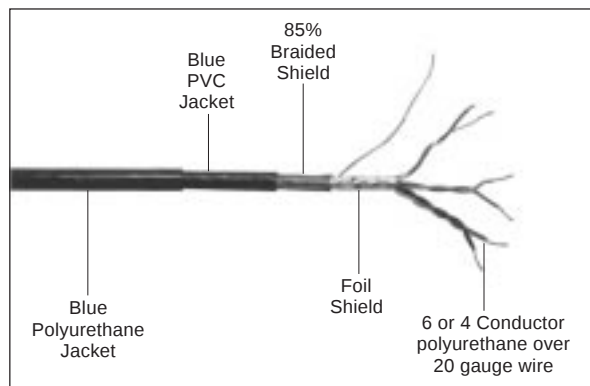
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

Hardware and Accessories

EL147IS Hazardous Environment Blue Jacket Cable

- Designed for intrinsically safe applications (must be wired according to Factory Mutual System-approved diagram)
- Polyurethane over PVC double jacketing provides superior chemical and abrasion resistance
- Both foil and braided wire shields for added RFI and EMI protection
- 6 conductors are industry-standard color coded
- Diameter— 0.32" (8.1mm)
- Suited for longer runs where remote sense lines can be used



PART # 32817 EL147IS
Suggested List Price \$2.50/ft

EL144 Communications Cable

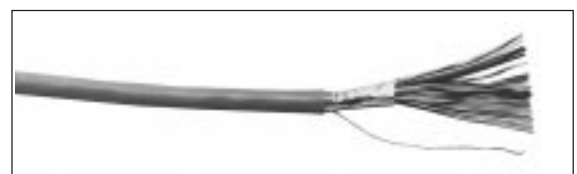
- 2-conductor with bare ground
- RFI/EMI protected with foil shield
- Perfect for RS-232, 2-wire RS-485, and 20 mA current loop communications
- Diameter: 0.19" (4.8mm)



PART # 32803 EL144
Suggested List Price \$0.50/ft

BCD Cable

- Sheathed in gray PVC
- Mylar aluminum foil shield with stranded tinned copper drain wire
- 24 AWG, 30-conductor, stranded tinned copper conductor with PVC insulation
- Diameter: 0.375" (9.5mm)



PART # 15497 BCD
Suggested List Price \$9.00/ft

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

Hardware and Accessories

SURVIVOR® EL620HE High Temperature Cable

- Multiconductor overall foil and braid shield
- Suitable for high temperatures up to 392°F (200°C)
- Insulation thickness - 0.010" (0.25mm)
- Jacket thickness - 0.017" (0.43mm)
- 18 gauge, tinned copper conductors
- Teflon® jacket, resistant to chemical corrosion and high temperature
- Beldfoil aluminum-polyester shield with 85% tinned copper braid shield
- 150V NEC 725 Class 2 classified for use in an airplenum non-conduit

Teflon is a registered trademark of E.I. DuPont.

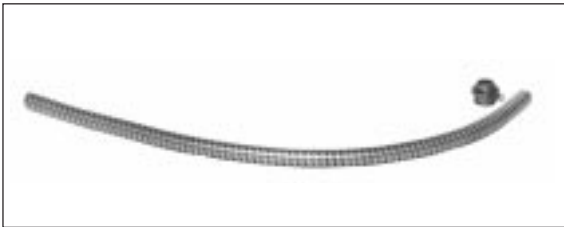
6 Wire Load Cell Cable



PART # 15605 EL620HE
Suggested List Price \$5.00/ft

SURVIVOR® Cable Armor

- Flexible all metal protective armor
- Ideal for protecting load cell cable from mechanical abrasion or rodents
- Available in stainless steel and galvanized steel
- 0.5" (12.7mm) internal diameter, 2.0" (50.8mm) minimum bend radius
- Optional end fitting with 1/2" male pipe thread



PART # 17808 Galvanized Steel
Suggested List Price \$1.95/ft

PART # 17806 Stainless Steel
Suggested List Price \$3.95/ft

PART # 17807 Optional End Fitting
Suggested List Price \$1.00 each

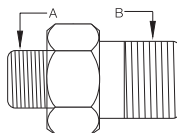
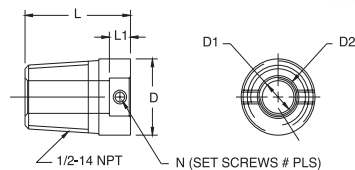
Load Cell Conduit Adapters

- Used to adapt conduit to load cells
- 303 stainless steel

PART #	DIMENSIONS - INCHES (MILLIMETERS)					SUGGESTED LIST PRICE
	D	D1	D2	L	L1	
Clamp-On						
17680*	1.38 (35.1)	.44 (11.2)	1.00 (25.4)	1.69 (42.9)	.72 (18.3)	\$35.00
17681	.85 (21.6)	.38 (9.7)	.44 (11.2)	1.25 (31.8)	.38 (9.7)	\$25.00

PART #	DIMENSIONS		SUGGESTED LIST PRICE
	A	B	
Thread-On			
31533	3/8-24 UNF	—	\$15.00
31534	—	1/4-18 NPT	\$15.00
31535	5/8-18 UNF	1/2-14 NPT	\$30.00

NOTE: 31533 and 31534 are used together to form male-to-male adapter.



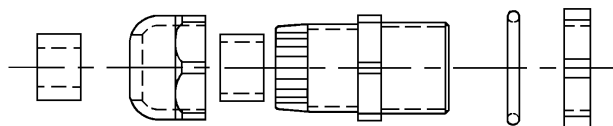
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Prices & Specifications subject to change without notice

Hardware and Accessories

Cord Grip Assemblies

- Assemblies include cord grip, locknut, "O"-ring seal, gray and black reducer glands
- Fittings are made of weather- and corrosion-resistant nylon



PART #	THREAD	PANEL HOLE DIAMETER-INCHES (MM)	GLAND CABLE RANGES—INCHES (MILLIMETERS)		SUGGESTED LIST PRICE
			REGULAR (BLACK)	REDUCER (GRAY)	
15669	PCN9	.625 (15.9)	.157 - .314 (4.0 - 8.0)	.118 - .236 (3.0 - 6.0)	\$3.00
15670	3/8 NPT	.687 (17.4)	.157 - .314 (4.0 - 8.0)	.118 - .236 (3.0 - 6.0)	\$3.00
15671	1/2 NPT	.844 (21.4)	.236 - .472 (6.0 - 12.0)	.200 - .354 (5.1 - 9.0)	\$3.00

EL214 Cable Splicing Kit

- Designed for a complete, professional transducer cable splice
- Prevents moisture from entering the load cell through the cable connector
- Each kit contains a high-impact plastic splicing box, liquid-tight cable fittings, circuit card, Teflon® sleeving, premeasured potting compound and complete instructions

SPECIFICATIONS:

Dimensions:	3.00" W x 1.00" H x 1.50" D (76.2mm W x 25.4mm H x 38.1mm D)
Mounting Centers:	2.50" (63.5mm)
Number of Connections:	7
Cable Diameter:	0.187"-0.312" (4.7mm-7.9mm)
Cure Time For Potting:	Epoxy-Polyamide resin cures in 2 hours at 73°F (23°C)

Teflon is a registered trademark of E.I. DuPont.



PART # 15485 EL214
Suggested List Price \$70.00

EL214T Cable Splicing Kit

- Designed to accommodate larger cables than the EL214; all other dimensions and performance features are the same

SPECIFICATIONS:

Dimensions:	3.00" W x 1.00" H x 1.50" D (76.2mm W x 25.4mm H x 38.1mm D)
Mounting Centers:	2.50" (63.5mm)
Number of Connections:	7
Cable Diameter:	0.270"-0.480" (6.9mm-12.2mm)
Cure Time For Potting:	Epoxy-Polyamide resin cures in 2 hours at 73°F (23°C)



PART # 15486 EL214T
Suggested List Price \$80.00

Hardware and Accessories

EL215 Cable Splicing Kit

- Designed for use in weather-exposed or direct-burial locations
- Each kit contains plastic splicing tube, circuit board, insulating resin and instructions

SPECIFICATIONS:

Dimensions:	1.375" dia x 6.0" long (34.9mm dia x 152.4mm)
Number of Connections:	7
Cable Diameter:	up to .75" (19.1mm)
Cure Time For Potting:	2 hours at 70°F (21°C)



PART # 15612 EL215
Suggested List Price \$50.00

Flintec Load Cell Cable Replacement Kits

- Each kit includes cable for four Flintec SB4 or UB1 load cells as listed

PART #	DESCRIPTION	CABLE LENGTH EA. FEET (METERS)	SUGGESTED LIST PRICE
18412	 For SB4, 225-5200lb (102.1-2358.7kg)	10' (3.1m)	\$295.00
18413	 For SB4, 11,250-22,500 lb	15' (4.6m)	\$325.00
18414	 For UB1	20'(6.1m)	\$365.00

