# **CAST IRON**



### **Applications:**

- Field standards for testing industrial devices Class III, Class IIIL or Class IIII
- Testing for non-marked scales without class designation
- Verifying scales are within specified accuracy and tolerances

### **Styles Available:**

- Grip-handle design for easy handling
- Nesting slab weights for heavy-capacity weighing
- Slotted weights and hangers for suspended weighing
- Counterpoise weights for ratio weighing

### **Features:**

- Nominal value marked on weight
- Weight capacities of 10kg/20lb and up meet NIST Handbook 105-1 and Handbook 44 specifications
- Metric weights designated by gold paint
- Avoirdupois (pound) weights designated by silver paint
- Serial numbers may be stamped on weights (optional)

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# **Cast Iron**

## Grip-handle and Nesting Slab Weights

ASTM CI	ass 6							Optional
Weight	Part #	Width	Length	Height	Slot Width	Slot Depth*	Price	Accredited Certificate
3,000 lb	12872	20 3/4in (527.1 mm)	20 3/4in (527.1 mm)	29in (736.6 mm)	3 1/2 in (88.9 mm)	2 3/4in (69.9 mm)	\$9,141.00	\$310.00
2,500 lb	12854	20 3/4in (527.1 mm)	20 3/4in (527.1 mm)	24 3/4 in (628.65 mm)	3 31/32in (100.8 mm)	2 3/4in (69.9 mm)	\$8,199.00	\$235.00
2,000 lb	12868	20 3/4in (527.05 mm)	20 3/4 in (527.05 mm)	19 1/2 in (495.3 mm)	3 1/2 in (88.9 mm)	2 3/4 in (69.9 mm)	\$7,250.00	\$235.00
1,500 lb	12864	15 1/8 in (384.2 mm)	15 1/8in (384.2mm)	26 7/8 in (682.6 mm)	2 1/2 in (63.5 mm)	2 1/4in (57.2 mm)	\$6,565.00	\$235.00
1,250 lb	12858	15in (381.0mm)	15 in (381.0 mm)	23 3/4 in (603.3 mm)	2 1/2 in (63.5 mm)	2 1/4in (57.2 mm)	\$5,485.00	\$235.00
1,000 lb	12850	15in (381.0mm)	15 1/2in (393.7 mm)	18 11/16in (474.7 mm)	2 3/4 in (69.9 mm)	2 29/32 in (73.8 mm)	\$2,626.00	\$235.00
500 lb	12844	11 1/2 in (292.1 mm)	12 in (304.8 mm)	15 3/4 in (400.1 mm)	2 1/2in (63.5 mm)	1 29/32 in (48.4 mm)	\$1,650.00	\$235.00
250 lb	12892	9 3/4 in (247.65 mm)	9 3/4 in (247.65 mm)	12in (304.8 mm)	2 1/2in (63.5 mm)	2 in (50.8 mm)	\$1,510.00	\$235.00
200 lb	12890	9 3/4 in (247.65 mm)	9 3/4 in (247.65 mm)	10 in (254 mm)	2 1/2in (63.5 mm)	2 in (50.8 mm)	\$1,313.00	\$235.00
100 lb	12862	9 1/8in (231.8mm)	7in (177.8mm)	7 7/8 in (200.0 mm)	4 1/2in (114.3 mm)	1 1/2 in (38.1 mm)	\$577.00	\$105.00
50 lb	12839	7 29/32 in (200.8 mm)	5 1/2 in (139.7 mm)	6 9/16 in (166.7 mm)	4 1/2in (114.3 mm)	1 21/32 in (42.1 mm)	\$137.00	\$80.00
30 lb	12878	8 1/4in (209.6 mm)	4 29/32 in (124.6 mm)	4 1/2in (114.3 mm)	4 15/32 in (113.5 mm)	31/32 in (24.6 mm)	\$180.00	\$80.00
25 lb	12833	6 1/2in (165.1 mm)	4 1/2 in (114.3 mm)	4 15/16 in (125.4 mm)	3 5/8 in (92.1 mm)	31/32 in (24.6 mm)	\$120.00	\$80.00
20 lb	12870	5 3/4in (146.1 mm)	4 15/32 in (113.5 mm)	5 3/32 in (129.4 mm)	3 31/32 in (100.8 mm)	1 5/32in (29.4 mm)	\$97.00	\$80.00

ASTM Cla	STM Class 7 Optional									
Weight	Part #	Width	Length	Height	Price	Accredited Certificate				
10 lb	12828	5in (127.0 mm)	3 1/4in (82.6 mm)	4 1/32 in (102.4 mm)	\$76.00	\$80.00				
5 lb	12823	4in (101.6 mm)	2 9/16in (65.1 mm)	3 7/32 in (81.8 mm)	\$58.00	\$80.00				
2 lb	12874	3in (76.2mm)	2 1/8 in (54.0 mm)	1 3/4in (44.5 mm)	\$55.00	\$65.00				
1 lb	12876	2 1/2 in (63.5 mm)	1 11/16in (42.9mm)	1 13/32in (35.7 mm)	\$50.00	\$65.00				

Nesting	Slab AST	M Class 6						Optional
Weight	Part #	Width	Length	Height	Slot Width	Slot Depth*	Price	Accredited Certificate
2,500 lb	12860	42 in (1066.8 mm)	30 in (762 mm)	8 1/4 in (209.5 mm)	2 in (50.8 mm)	2 1/4 in (57.15 mm)	\$8,199.00	\$235.00
1,000 lb	34563	29 1/2in (749.3 mm)	19 1/2 in (495.3 mm)	7 1/4 in (184.15 mm)	2 in (50.8 mm)	2 1/4 in (57.15 mm)	\$4,150.00	\$235.00

<sup>\*</sup> Slot depth refers to distance between lifting bars and castings

Additional	Additional Accessories							
Part #	Description	Price						
36092	Statement of Accuracy	\$45.00						
25836	Serial number	\$16.00						



Nesting Slab PN 12860



Cast Iron

**Cast Iron**Grip-handle Weights

ASTM CI	Class 6							Optional
Weight	Part #	Width	Length	Height	Slot Width	Slot Depth*	Price	Accredited Certificate
1,000 kg	12801	20 1/2 in (520.7 mm)	20 1/2 in (520.7 mm)	22 in (558.8 mm)	3 1/2 in (88.9 mm)	2 3/4 in (69.85 mm)	\$7,250.00	\$310.00
500 kg	12797	15 1/8 in (384.2 mm)	15 1/8 in (384.2 mm)	20 3/4 in (527 mm)	2 1/2 in (63.5 mm)	2 in (50.8 mm)	\$2,678.00	\$235.00
250 kg	12782	11 1/2 in (292.1 mm)	12 1/2 in (317.5 mm)	17 1/2 in (444.5 mm)	2 1/2 in (63.5 mm)	1 7/8 in (47.6 mm)	\$1,680.00	\$235.00
200 kg	12793	11 1/2 in (292.1 mm)	12 in (304.8 mm)	14 1/4 in (362 mm)	2 1/2 in (63.5 mm)	1 7/8 in (47.6 mm)	\$1,442.00	\$235.00
100 kg	12817	9 7/8 in (250.8 mm)	9 7/8 in (250.8 mm)	11 in (279.4 mm)	2 1/2 in (63.5 mm)	2 in (50.8 mm)	\$1,329.00	\$235.00
50 kg	12803	9 7/32 in (234.2 mm)	7 in (177.8 mm)	8 13/16 in (223.8 mm)	4 15/32 in (113.5 mm)	1 29/32 in (48.4 mm)	\$577.00	\$130.00
35 kg	12805	7 7/8 in (200.0 mm)	5 1/2 in (139.7 mm)	9 15/32 in (252.4 mm)	4 15/32 in (113.5 mm)	1 1/16 in (27.0 mm)	\$412.00	\$130.00
25 kg	12775	7 21/32 in (194.5 mm)	5 1/2 in (139.7 mm)	7 3/32 in (180.2 mm)	4 7/16 in (112.7 mm)	1 13/16 in (46.0 mm)	\$160.00	\$75.00
20 kg	12771	7 5/8 in (193.7 mm)	5 19/32 in (142.1 mm)	5 29/32 in (150.0 mm)	4 5/8 in (117.5 mm)	1 19/32 in (40.5 mm)	\$134.00	\$75.00
10 kg	12767	6 in (152.4 mm)	4 1/2 in (114.3 mm)	5 in (127.0 mm)	3 3/4 in (95.3 mm)	1 1/16 in (27.0 mm)	\$129.00	\$75.00

ASTM Class 7 Option									
Weight	Part #	Width	Length	Height	Price	Accredited Certificate			
5 kg	12786	5 15/32 in (138.9 mm)	3 13/32 in (86.5 mm)	4 1/8 in (104.8 mm)	\$77.00	\$75.00			
2 kg	12809	3 31/32 in (100.8 mm)	2 9/16 in (65.1 mm)	2 13/16 in (71.4 mm)	\$64.00	\$75.00			
1 kg	12813	3 in (76.2 mm)	2 1/8 in (54.0 mm)	1 27/32 in (46.8 mm)	\$55.00	\$55.00			
500 g	12815	2 1/2 in (63.5 mm)	1 5/8 in (41.3 mm)	1 17/32 in (38.9 mm)	\$50.00	\$55.00			

OIML Cla	OIML Class M1									
Weight	Part #	Width	Length	Height	Slot Width	Slot Depth*	Price	Accredited Certificate		
500 kg	156304	15 1/8 in (384.2 mm)	15 1/8 in (384.2 mm)	20 3/4 in (527 mm)	21/2 in (63.5 mm)	2 in (50.8 mm)	\$2,678.00	\$235.00		
250 kg	156305	11 1/2 in (292.1 mm)	12 in (304.8 mm)	17 1/2 in (444.5 mm)	21/2 in (63.5 mm)	1 7/8 in (47.6 mm)	\$1,680.00	\$235.00		
100 kg	156306	9.87 in (250.7 mm)	9.87 in (250.7 mm)	11 in (279.4 mm)	21/2 in (63.5 mm)	2 in (50.8 mm)	\$1,329.00	\$235.00		
50 kg	105417	9 7/32 in (234.2 mm)	7 in (177.8 mm)	8 13/16 in (223.8 mm)	4 15/32 in (113.5 mm)	1 29/32 in (48.4 mm)	\$577.00	\$130.00		
20 kg	105416	7 5/8 in (193.7 mm)	5 19/32 in (142.1 mm)	5 29/32 in (150.0 mm)	4 5/8 in (117.5 mm)	1 19/32 in (40.5 mm)	\$134.00	\$75.00		
10 kg	105415	6 in (152.4 mm)	4 1/2 in (114.3 mm)	5 in (127.0 mm)	3 3/4 in (95.3 mm)	1 1/16 in (27.0 mm)	\$129.00	\$75.00		
5 kg	105414	5 15/32 in (138.9 mm)	3 13/32 in (86.5 mm)	4 1/8 in (104.8 mm)	-	-	\$77.00	\$75.00		

<sup>\*</sup> Slot depth refers to distance between lifting bars and castings

Additional Accessories							
Part #	Description	Price					
36092	Statement of Accuracy	\$45.00					
25836	Serial number	\$16.00					



Grip-handle

# Cast Iron

# Slotted Interlocking and Hanger Weights

Slotted A	otted ASTM Class 6 Optional									
Weight	Part #	Slot Width	Diameter	Height	Price	Accredited Certificate				
100 lb	40828	1 in (25.4 mm)	17 in (431.8 mm)	1 15/16 in (49.2 mm)	\$595.00	\$105.00				
50 lb	12856	3/4 in (9 mm)	10 5/8 in (269.9 mm)	2 11/16 in (68.3 mm)	\$232.00	\$80.00				
20 lb	12831	13/16 in (20.6 mm)	8 1/8 in (206.4 mm)	1 31/32 in (50.0 mm)	\$100.00	\$80.00				
Slotted A	Slotted ASTM Class 7 Optional									
Weight	Part #	Slot Width	Diameter	Height	Price	Accredited Certificate				
10 lb	12826	13/16 in (20.6 mm)	6 1/8 in (155.6 mm)	1 11/16 in (42.9 mm)	\$85.00	\$80.00				
5 lb	12852	11/16 in (17.5 mm)	5 1/8 in (130.2 mm)	1 5/16 in (33.3 mm)	\$69.00	\$80.00				
2 lb	12848	9/16 in (14.3 mm)	5 in (127.0 mm)	23/32 in (18.3 mm)	\$59.00	\$65.00				
1 lb	12842	9/16 in (14.3 mm)	5 in (127.0 mm)	15/32 in (11.9 mm)	\$59.00	\$65.00				
1/2 lb	12837	9/16 in (14.3 mm)	3 3/4 in (95.3 mm)	7/16 in (11.1 mm)	\$46.00	\$40.00				

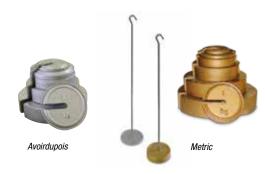
Hanger AS	Hanger ASTM Class 7 Optional									
Weight	Capacity	Part #	Total Length	Operational Length	Diameter	Price	Accredited Certificate			
5 lb*	500 lb	12846	37 1/4 in (946.2 mm)	35 in (889.0 mm)	4 in (101.6 mm)	\$273.00	\$80.00			
2 lb	200 lb	12841	21 13/32 in (543.7 mm)	19 in (482.6 mm)	3 3/4 in (95.3 mm)	\$137.00	\$65.00			
2 lb	200 lb	12835	10 1/4 in (260.4 mm)	8 in (203.2 mm)	3 3/4 in (95.3 mm)	\$131.00	\$65.00			
1 lb	200 lb	12830	21 29/32 in (556.4 mm)	20 7/32 in (513.6 mm)	3 3/4 in (95.3 mm)	\$117.00	\$65.00			
1 lb	200 lb	12825	9 5/16 in (236.5 mm)	7 9/16 in (192.1 mm)	3 3/4 in (95.3 mm)	\$95.00	\$65.00			

<sup>\*</sup> Stainless steel

Slotted A	lotted ASTM Class 6 Optional									
Weight	Part #	Slot Width	Diameter	Height	Price	Accredited Certificate				
20 kg	12819	21/32 in (16.7 mm)	10 5/16 in (261.9 mm)	2 11/32 in (59.5 mm)	\$232.00	\$75.00				
10 kg	12811	3/4 in (19.1 mm)	8 3/16 in (208.0 mm)	2 1/16 in (52.4 mm)	\$129.00	\$75.00				
Slotted A	Clotted ASTM Class 7 Optional									
Weight	Part #	Slot Width	Diameter	Height	Price	Accredited Certificate				
5 kg	12807	13/16 in (20.6 mm)	6 3/16 in (157.2 mm)	1 13/16 in (46.0 mm)	\$117.00	\$75.00				
2 kg	12799	9/16 in (14.3 mm)	5 1/8 in (130.2 mm)	1 3/16 in (30.2 mm)	\$69.00	\$75.00				
1 kg	12795	9/16 in (14.3 mm)	5 1/16 in (128.6 mm)	3/4 in (19.1 mm)	\$60.00	\$55.00				
500 g	12791	9/16 in (14.3 mm)	5 in (127.0 mm)	15/32 in (11.9 mm)	\$58.00	\$55.00				

Hanger A	langer ASTM Class 7 Optional									
Weight	Capacity	Part #	Total Length	Operational Length	Diameter	Price	<b>Accredited Certificate</b>			
2 kg	250 kg	12788	37 1/4 in (946.2 mm)	35 in (889.0 mm)	4 in (101.6 mm)	\$273.00	\$75.00			
1 kg	100 kg	12784	21 13/32 in (543.7 mm)	19 in (482.6 mm)	3 3/4 in (95.3 mm)	\$134.00	\$55.00			
1 kg	100 kg	12777	10 1/4 in (260.4 mm)	8 in (203.2 mm)	3 3/4 in (95.3 mm)	\$134.00	\$55.00			
500 g	100 kg	12773	21 29/32 in (556.4 mm)	20 7/32 in (513.6 mm)	3 3/4 in (95.3 mm)	\$117.00	\$55.00			
500 g	100 kg	12769	9 5/16 in (236.5 mm)	7 9/16 in (192.1 mm)	3 3/4 in (95.3 mm)	\$105.00	\$55.00			

Additional Acc	cessories	
Part #	Description	Price
36092	Statement of Accuracy	\$45.00
25836	Serial number	\$16.00



# **Cast Iron**

## Counterpoise and Hanger Weights

Round ASTM Class 7					
Ratio	Weight	Part #	Diameter	Fairbanks Part #	Price
1 lb - 100 lb	50 lb x 1/2 lb	10154	2 7/8 in (73.0 mm)	PA48	\$37.00
1 lb - 100 lb	100 lb x 1 lb	10156	4 1/16 in (103.2 mm)	PA32	\$42.00
1 lb - 100 lb	200 lb x 2 lb	10158	4 1/16 in (103.2 mm)	PA21	\$37.00
1 lb - 100 lb	500 lb x 5 lb	10160	3 3/4 in (95.3 mm)	PB52	\$42.00
1/2 lb - 100 lb	100 lb x 1/2 lb	10152	2 7/8 in (73.0 mm)	PBC32	\$37.00
1/2 lb - 100 lb	200 lb x 1 lb	10168	3 17/32 in (89.7 mm)	PBC21	\$47.00
1/2 lb - 100 lb	300 lb x 1 1/2 lb	10189	3 1/2 in (88.9 mm)	-	\$37.00
1/2 lb- 100 lb	500 lb x 2 1/2 lb	10170	3 1/2 in (88.9 mm)	PBC52	\$53.00
1/2 lb- 100 lb	1,000 lb x 5 lb	10196	3 7/8 in (98.4 mm)	-	\$63.00

Hangers - Round and Square ASTM Class 7						
Approx. Weight	Part #	Total Length	Operational Length	Diameter	Price	
Round						
7 oz	10188	7 1/16 in (179.4 mm)	5 1/8 in (130.2 mm)	3 31/32 in (100.8 mm)	\$68.00	
10 oz (Fairbanks® only)	10184	7 1/16 in (179.4 mm)	5 1/8 in (130.2 mm)	3 31/32 in (100.8 mm)	\$68.00	
12 oz	10185	7 1/16 in (179.4 mm)	5 1/8 in (130.2 mm)	3 31/32 in (100.8 mm)	\$68.00	
17 oz	10186	7 1/16 in (179.4 mm)	5 1/8 in (130.2 mm)	4 in (101.6 mm)	\$68.00	
21 oz	10187	7 1/16 in (179.4 mm)	5 1/8 in (130.2 mm)	4 in (101.6 mm)	\$68.00	
Square						
21 oz	10193	8 7/16 in (214.3 mm)	6 5/16 in (160.3 mm)	-	\$68.00	

Hexagon ASTM Class 7			
Weight	Part #	Diameter	Price
10 kg x 100 g	10266	2 in (50.8 mm)	\$42.00
25 kg x 250 g	10268	2 13/16 in (71.4 mm)	\$42.00
50 kg x 500 g	10270	4 in (101.6 mm)	\$46.00
100 kg x 1 kg	10272	4 in (101.6 mm)	\$50.00
200 kg x 2 kg	10274	4 in (101.6 mm)	\$55.00

Square ASTM Class 7						
Ratio	Weight	Part #	Diameter	Fairbanks Part #	Price	
1 lb - 100 lb	50 lb x 1/2 lb	10191	2 5/16 in (58.7 mm)	1A2349	\$42.00	
1 lb - 100 lb	100 lb x 1 lb	10162	3 1/2 in (88.9 mm)	1A1469	\$42.00	
1 lb - 100 lb	200 lb x 2 lb	10164	3 1/2 in (88.9 mm)	1A1470	\$47.00	
1 lb - 100 lb	500 lb x 5 lb	10166	3 1/2 in (88.9 mm)	1A1471	\$79.00	



Fairbanks Round Individual and Hanger





Fairbanks Square Individual and Hanger

# **Avoirdupois**Counterpoise and Hanger Weights

Round AS1	IM Class 7				
Ratio	Weight	Part #	Diameter	Howe™ Part #	Price
-	50 lb x 1/2 lb	10367	3 in (76.2 mm)	42071831	\$47.00
-	100 lb x 1 lb	10369	2 7/8 in (73.0 mm)	42076188	\$47.00
-	200 lb x 2 lb	10371	2 31/32 in (75.4 mm)	42076189	\$47.00
-	300 lb x 3 lb	10373	2 31/32 in (75.4 mm)	42076190	\$47.00
-	500 lb x 5 lb	10385	3 1/8 in (79.4 mm)	42078947	\$47.00
For Countin	g Scales				
99 - 1	100 lb x 1 1/99 lb	10387	3 in (76.2 mm)	40810545	\$53.00
99 - 1	500 lb x 5 5/99 lb	10391	3 3/32 in (78.6 mm)	42111567	\$53.00
8 - 1	10 lb x 1 1/4 lb	10427	2 15/16 in (74.6 mm)	-	\$53.00
8 -1	5 lb x 5/8 lb	10425	2 15/16 in (74.6 mm)	-	\$51.00
8 - 1	2 lb x 1/4 lb	10411	2 7/32 in (56.4 mm)	-	\$47.00
50 - 1	80 lb x 1 3/5 lb	10421	3 in (76.2 mm)	-	\$47.00
50 - 1	40 lb x 4/5 lb	10419	2 13/16 in (71.4 mm)	-	\$47.00
50 - 1	20 lb x 2/5 lb	10417	2 31/32 in (75.4 mm)	-	\$53.00
50 - 1	10 lb x 1/5 lb	10415	2 in (50.8 mm)	-	\$47.00
50 - 1	5 lb x 1/10 lb	10413	1 1/2 in (38.1 mm)	-	\$47.00
64 - 1	100 lb x 1 9/16 lb or 25 oz	10409	3 in (76.2 mm)	42111417	\$47.00
61 - 1	50 lb x 28/32 lb or 12 1/2 oz	10407	2 15/16 in (74.6 mm)	40807082	\$47.00
64 - 1	25 lb x 25/64 lb or 6 1/4 oz	10405	2 31/32 in (75.4 mm)	40807092	\$47.00
64 -1	10 lb x 5/32 lb or 2 1/2 oz	10404	1 1/2 in (38.1 mm)	42111454	\$47.00

Round Hanger ASTM Class 7						
Approx. Weight	Part #	Total Length	Operational Length	Diameter	Price	
7 oz	10382	8 1/4 in (209.6 mm)	6 3/16 in (157.2 mm)	2 31/32 in (75.4)	\$63.00	
10 oz	10379	8 1/4 in (209.6 mm)	6 3/16 in (157.2 mm)	2 31/32 in (75.4)	\$63.00	
12 oz	10380	8 1/4 in (209.6 mm)	6 3/16 in (157.2 mm)	2 31/32 in (75.4)	\$105.00	
16 oz	10381	8 1/4 in (209.6 mm)	6 3/16 in (157.2 mm)	2 31/32 in (75.4)	\$105.00	

Triangle ASTM (	Class 7		
Approx. Weight	Part #	Toledo® Part #	Price
100 lb x 1 lb	11417	49868	\$37.00
200 lb x 2 lb	11419	49869	\$42.00
500 lb x 5 lb	11421	49870	\$63.00

Triangle Hanger ASTM Class 7						
Approx. Weight	Part #	Total Length	Operational Length	Toledo Part #	Price	
14 oz	11423	8 1/4 in (209.6 mm)	6 3/16 in (157.2 mm)	49857	\$63.00	



Howe Round Individual and Hangers



Toledo Triangle Individual and Hangers