

Cast Iron Field Weights

Applications:

Field standards for testing industrial devices Class III, Class IIIL or Class IIIL

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 10 kg/20 lb 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)





Grip-handle and Nesting Slab

110 Range: 3,000 lb – 1 lb

Grip-handle

111 Range: 1,000 kg – 500 g

Slotted Interlocking and Hanger

112 Range: 100 lb – 200 g

Counterpoise and Hanger Weights

113 Range: 200 kg – 7 oz

Avoirdupois Counterpoise and Hanger

114 Range: 500 lb – 7 oz

CAST IRON / AVOIRDUPOIS GRIP-HANDLE AND NESTING SLAB

RANGE: 3,000 lb – 1 lb

ASTM

Class 6

Grip-handle

Weight	Part #	Length	Width	Height	Slot Width	Slot Depth*	Price	Optional Certificate Accredited
3,000 lb	12872	20-3/4 in (527 mm)	20-3/4 in (527 mm)	29 in (737 mm)	3-1/2 in (89 mm)	2-3/4 in (70 mm)	\$10,400.00	\$310.00
2,500 lb	12854	20-3/4 in (527 mm)	20-3/4 in (527 mm)	24-3/4 in (629 mm)	3-31/32 in (101 mm)	2-3/4 in (70 mm)	\$12,800.00	\$235.00
2,000 lb	12868	20-3/4 in (527 mm)	20-3/4 in (527 mm)	19-1/2 in (495 mm)	3-1/2 in (89 mm)	2-3/4 in (70 mm)	\$11,500.00	\$235.00
1,500 lb	12864	15-1/8 in (384 mm)	15-1/8 in (384 mm)	26-7/8 in (683 mm)	2-1/2 in (64 mm)	2-1/4 in (57 mm)	\$9,000.00	\$235.00
1,250 lb	12858	15 in (381 mm)	15 in (381 mm)	23-3/4 in (603 mm)	2-1/2 in (64 mm)	2-1/4 in (57 mm)	\$7,700.00	\$235.00
1,000 lb	12850	15-1/2 in (394 mm)	15 in (381 mm)	18-11/16 in (478 mm)	2-3/4 in (70 mm)	2-29/32 in (74 mm)	\$5,000.00	\$235.00
500 lb	12844	12 in (305 mm)	11-1/2 in (292 mm)	15-3/4 in (400 mm)	2-1/2 in (64 mm)	1-29/32 in (48 mm)	\$4,000.00	\$235.00
250 lb	12892	9-3/4 in (248 mm)	9-3/4 in (248 mm)	12 in (305 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$2,600.00	\$235.00
200 lb	12890	9-3/4 in (248 mm)	9-3/4 in (248 mm)	10 in (254 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$2,350.00	\$235.00
100 lb	12862	7 in (178 mm)	9-1/8 in (232 mm)	7-7/8 in (200 mm)	4-1/2 in (114 mm)	1-1/2 in (38 mm)	\$660.00	\$105.00
50 lb	12839	5-1/2 in (140 mm)	7-29/32 in (201 mm)	6-9/16 in (167 mm)	4-1/2 in (114 mm)	1-21/32 in (42 mm)	\$160.00	\$80.00
30 lb	12878	4-29/32 in (125 mm)	8-1/4 in (210 mm)	4-1/2 in (114 mm)	4-15/32 in (114 mm)	31/32 in (25 mm)	\$210.00	\$80.00
25 lb	12833	4-1/2 in (114 mm)	6-1/2 in (165 mm)	4-15/16 in (125 mm)	3-5/8 in (92 mm)	31/32 in (25 mm)	\$145.00	\$80.00
20 lb	12870	4-15/32 in (114 mm)	5-3/4 in (146 mm)	5-3/32 in (129 mm)	3-31/32 in (101 mm)	1-5/32 in (29 mm)	\$115.00	\$80.00

Class 7

Weight	Part #	Length	Width	Height	Price	Optional Certificate Accredited
10 lb	12828	3-1/4 in (83 mm)	5 in (127 mm)	4-1/32 in (102 mm)	\$87.00	\$80.00
5 lb	12823	2-9/16 in (65 mm)	4 in (102 mm)	3-7/32 in (82 mm)	\$67.00	\$80.00
2 lb	12874	2-1/8 in (54 mm)	3 in (76 mm)	1-3/4 in (45 mm)	\$63.00	\$65.00
1 lb	12876	1-11/16 in (43 mm)	2-1/2 in (64 mm)	1-13/32 in (38 mm)	\$58.00	\$65.00

Class 6

Nesting Slab

Weight	Part #	Length	Width	Height	Slot Width	Slot Depth*	Price	Optional Certificate Accredited
2,500 lb	12860	30 in (762 mm)	42 in (1067 mm)	8-1/4 in (210 mm)	2 in (51 mm)	2-1/4 in (57 mm)	\$9,350.00	\$235.00
1,000 lb	34563	19-1/2 in (495 mm)	29-1/2 in (749 mm)	7-1/4 in (184 mm)	2 in (51 mm)	2-1/4 in (57 mm)	\$4,725.00	\$235.00

* Slot depth refers to distance between lifting bars and castings.



PN 12860 Nesting Slab



PN 12839 Grip-handle

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00

ASTM

Class 6

								Optional Certificate	
Weight	Part #	Length	Width	Height	Slot Width	Slot Depth*	Price	Accredited	
1,000 kg	12801	20-1/2 in (521mm)	20-1/2 in (521mm)	22 in (559 mm)	3-1/2 in (89 mm)	2-3/4 in (70 mm)	\$8,250.00	\$310.00	
500 kg	12797	15-1/8 in (384mm)	15-1/8 in (384mm)	20-3/4 in (527 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$7,700.00	\$235.00	
250 kg	12782	12-1/2 in (318mm)	11-1/2 in (292mm)	17-1/2 in (445 mm)	2-1/2 in (64 mm)	1-7/8 in (48 mm)	\$4,300.00	\$235.00	
200 kg	12793	12 in (305mm)	11-1/2 in (292mm)	14-1/4 in (362 mm)	2-1/2 in (64 mm)	1-7/8 in (48 mm)	\$4,000.00	\$235.00	
100 kg	12817	9-7/8 in (251mm)	9-7/8 in (251mm)	11 in (279 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$2,500.00	\$235.00	
50 kg	12803	7 in (178mm)	9-7/32 in (234 mm)	8-13/16 in (224 mm)	4-15/32 in (114 mm)	1-29/32 in (48 mm)	\$660.00	\$130.00	
35 kg	12805	5-1/2 in (140 mm)	7-7/8 in (200 mm)	9-15/32 in (252 mm)	4-15/32 in (114 mm)	1-1/16 in (27 mm)	\$475.00	\$130.00	
25 kg	12775	5-1/2 in (140 mm)	7-21/32 in (195 mm)	7-3/32 in (180 mm)	4-7/16 in (113 mm)	1-13/16 in (46 mm)	\$185.00	\$75.00	
20 kg	12771	5-19/32 in (142 mm)	7-5/8 in (194 mm)	5-29/32 in (150 mm)	4-5/8 in (118 mm)	1-19/32 in (41 mm)	\$155.00	\$75.00	
10 kg	12767	4-1/2 in (114 mm)	6 in (152 mm)	5 in (127 mm)	3-3/4 in (95 mm)	1-1/16 in (27 mm)	\$150.00	\$75.00	

Class 7

						Optional Certificate	
Weight	Part #	Length	Width	Height	Price	Accredited	
5 kg	12786	3-13/32 in (87 mm)	5-15/32 in (139 mm)	4-1/8 (105 mm)	\$88.00	\$75.00	
2 kg	12809	2-9/16 in (65 mm)	3-31/32 in (101 mm)	2-13/16 in (71 mm)	\$74.00	\$75.00	
1 kg	12813	2-1/8 in (54 mm)	3 in (76 mm)	1-27/32 in (47 mm)	\$63.00	\$55.00	
500 g	12815	1-5/8 in (41 mm)	2-1/2 in (64 mm)	1-17/32 in (39 mm)	\$58.00	\$55.00	

OIML

Class M1

								Optional Certificate	
Weight	Part #	Length	Width	Height	Slot Width	Slot Depth*	Price	Accredited	
500 kg	156304	15-1/8 in (384mm)	15-1/8 in (384mm)	20-3/4 in (527 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$3,225.00	\$235.00	
250 kg	156305	12 in (305mm)	11-1/2 in (292mm)	17-1/2 in (445 mm)	2-1/2 in (64 mm)	1-7/8 in (48 mm)	\$2,010.00	\$235.00	
100 kg	156306	9.87 in (251mm)	9.87 in (251mm)	11 in (279 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$1,590.00	\$235.00	
50 kg	105417	7 in (178mm)	9-7/32 in (234 mm)	8-13/16 in (224 mm)	4-15/32 in (114 mm)	1-29/32 in (48 mm)	\$690.00	\$130.00	
20 kg	105416	5-19/32 in (142 mm)	7-5/8 in (194 mm)	5-29/32 in (150 mm)	4-5/8 in (118 mm)	1-19/32 in (41 mm)	\$165.00	\$75.00	
10 kg	105415	4-1/2 in (114 mm)	6 in (152 mm)	5 in (127 mm)	3-3/4 in (95 mm)	1-1/16 in (27 mm)	\$160.00	\$75.00	
5 kg	105414	3-13/32 in (87 mm)	5-15/32 in (139 mm)	4-1/8 in (105 mm)	-	-	\$92.00	\$75.00	

* Slot depth refers to distance between lifting bars and castings.

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00



PN 12767 and PN 12771 OIML Grip-handle

CAST IRON / AVOIRDUPOIS AND METRIC SLOTTED INTERLOCKING AND HANGER

RANGE: 100 lb – 200 g

ASTM

Class 6

Slotted

Weight	Part #	Slot Width	Diameter	Height	Price
100 lb	40828	1 in (25 mm)	17 in (432 mm)	1-15/16 in (49 mm)	\$680.00
50 lb	12856	3/4 in (9 mm)	10-5/8 in (270 mm)	2-11/16 in (68 mm)	\$270.00
20 lb	12831	13/16 in (21 mm)	8-1/8 in (206 mm)	1-31/32 in (50 mm)	\$120.00

Optional Certificate

Accredited
\$105.00
\$80.00
\$80.00

Class 7

Slotted

Weight	Part #	Slot Width	Diameter	Height	Price
10 lb	12826	13/16 in (21 mm)	6-1/8 in (156 mm)	1-11/16 in (43 mm)	\$98.00
5 lb	12852	11/16 in (18 mm)	5-1/8 in (130 mm)	1-5/16 in (33 mm)	\$79.00
2 lb	12848	9/16 in (14 mm)	5 in (127 mm)	23/32 in (18 mm)	\$69.00
1 lb	12842	9/16 in (14 mm)	5 in (127 mm)	15/32 in (12 mm)	\$69.00
1/2 lb	12837	9/16 in (14 mm)	3-3/4 in (95 mm)	7/16 in (11 mm)	\$52.00

Optional Certificate

Accredited
\$80.00
\$80.00
\$65.00
\$65.00
\$40.00

Class 7

Hanger

Weight	Part #	Capacity	Total Length	Operational Length	Diameter	Price
5 lb*	12846	500 lb	37-1/4 in (946 mm)	35 in (889 mm)	4 in (102 mm)	\$315.00
2 lb	12841	200 lb	21-13/32 in (544 mm)	19 in (483 mm)	3-3/4 in (95 mm)	\$160.00
2 lb	12835	200 lb	10-1/4 in (260 mm)	8 in (203 mm)	3-3/4 in (95 mm)	\$155.00
1 lb	12830	200 lb	21-29/32 in (556 mm)	20-7/32 in (514 mm)	3-3/4 in (95 mm)	\$140.00
1 lb	12825	200 lb	9-5/16 in (237 mm)	7-9/16 in (192 mm)	3-3/4 in (95 mm)	\$115.00

* Stainless steel

Optional Certificate

Accredited
\$80.00
\$65.00
\$65.00
\$65.00
\$65.00

Class 6

Slotted

Weight	Part #	Slot Width	Diameter	Height	Price
20 kg	12819	21/32 in (17 mm)	10-5/16 in (262 mm)	2-11/32 in (60 mm)	\$270.00
10 kg	12811	3/4 in (19 mm)	8-3/16 in (208 mm)	2-1/16 in (52 mm)	\$150.00

Optional Certificate

Accredited
\$75.00
\$75.00

Class 7

Slotted

Weight	Part #	Slot Width	Diameter	Height	Price
5 kg	12807	13/16 in (21 mm)	6-3/16 in (157 mm)	1-13/16 in (46 mm)	\$140.00
2 kg	12799	9/16 in (14 mm)	5-1/8 in (130 mm)	1-3/16 in (30 mm)	\$79.00
1 kg	12795	9/16 in (14 mm)	5-1/16 in (129 mm)	3/4 in (19 mm)	\$70.00
500 g	12791	9/16 in (14 mm)	5 in (127 mm)	15/32 in (12 mm)	\$67.00
200 g	12780	5/8 in (16 mm)	3-21/32 in (93 mm)	7/16 in (11 mm)	\$54.00

Optional Certificate

Accredited
\$75.00
\$75.00
\$55.00
\$55.00
\$55.00

Class 7

Hanger

Weight	Part #	Capacity	Total Length	Operational Length	Diameter	Price
2 kg	12788	250 kg	37-1/4 in (946 mm)	35 in (889 mm)	4 in (102 mm)	\$315.00
1 kg	12784	100 kg	21-13/32 in (544 mm)	19 in (483 mm)	3-3/4 in (95 mm)	\$155.00
1 kg	12777	100 kg	10-1/4 in (260 mm)	8 in (203 mm)	3-3/4 in (95 mm)	\$155.00
500 g	12773	100 kg	21-29/32 in (556 mm)	20-7/32 in (514 mm)	3-3/4 in (95 mm)	\$140.00
500 g	12769	100 kg	9-5/16 in (237 mm)	7-9/16 in (192 mm)	3-3/4 in (95 mm)	\$125.00

Optional Certificate

Accredited
\$75.00
\$55.00
\$55.00
\$55.00
\$55.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00



Avoirdupois

Metric

RANGE: 200 kg – 7 oz

ASTM

Class 7

Round

Weight	Part #	Ratio	Diameter	Fairbanks Part #	Price
50 lb x 1/2 lb	10154	1 lb - 100 lb	2-7/8 in (73 mm)	PA48	\$42.00
100 lb x 1 lb	10156	1 lb - 100 lb	4-1/16 in (103 mm)	PA32	\$48.00
200 lb x 2 lb	10158	1 lb - 100 lb	4-1/16 in (103 mm)	PA21	\$42.00
500 lb x 5 lb	10160	1 lb - 100 lb	3-3/4 in (95 mm)	Pb52	\$48.00
100 lb x 1/2 lb	10152	1/2 lb - 100 lb	2-7/8 in (73 mm)	PBC32	\$42.00
200 lb x 1 lb	10168	1/2 lb - 100 lb	3-17/32 in (90 mm)	PBC21	\$54.00
300 lb x 1 1/2 lb	10189	1/2 lb - 100 lb	3-1/2 in (89 mm)	-	\$42.00
500 lb x 2 1/2 lb	10170	1/2 lb - 100 lb	3-1/2 in (89 mm)	PBC52	\$61.00
1,000 lb x 5 lb	10196	1/2 lb - 100 lb	3-7/8 in (98 mm)	-	\$73.00

Class 7

Hexagon

Weight	Part #	Diameter	Price
10 kg x 100 g	10266	2 in (51 mm)	\$48.00
25 kg x 250 g	10268	2-13/16 in (71 mm)	\$48.00
50 kg x 500 g	10270	4 in (102 mm)	\$52.00
100 g x 1 kg	10272	4 in (102 mm)	\$58.00
200 kg x 2 kg	10274	4 in (102 mm)	\$63.00

Class 7

Square

Weight	Part #	Ratio	Diameter	Fairbanks Part #	Price
50 lb x 1/2 lb	10191	1 lb - 100 lb	2-5/16 in (59 mm)	1A2349	\$48.00
100 lb x 1 lb	10162	1 lb - 100 lb	3-1/2 in (89 mm)	1A1469	\$48.00
200 lb x 2 lb	10164	1 lb - 100 lb	3-1/2 in (89 mm)	1A1470	\$54.00
500 lb x 5 lb	10166	1 lb - 100 lb	3-1/2 in (89 mm)	1A1471	\$91.00

Round and Square

Hangers

Approx. Weight	Part #	Total Length	Operational Length	Diameter	Price
Round					
7 oz	10188	7-1/16 in (179 mm)	5-1/8 in (130 mm)	3-31/32 in (101 mm)	\$78.00
10 oz (Fairbanks® only)	10184	7-1/16 in (179 mm)	5-1/8 in (130 mm)	3-31/32 in (101 mm)	\$78.00
12 oz	10185	7-1/16 in (179 mm)	5-1/8 in (130 mm)	3-31/32 in (101 mm)	\$78.00
17 oz	10186	7-1/16 in (179 mm)	5-1/8 in (130 mm)	4 in (102 mm)	\$78.00
21 oz	10187	7-1/16 in (179 mm)	5-1/8 in (130 mm)	4 in (102 mm)	\$78.00
Square					
21 oz	10193	8-7/16 in (214 mm)	6-5/16 in (160 mm)	-	\$78.00



PN 10193 21 oz Square Hanger

PN 10185 12 oz Round Hanger

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

CAST IRON / AVOIRDUPOIS COUNTERPOISE AND HANGER

RANGE: 500 lb – 7 oz

ASTM

Class 7

Round

Weight	Part #	Diameter	Howe™ Part #	Price
50 lb x 1/2 lb	10367	3 in (76 mm)	42071831	\$54.00
100 lb x 1 lb	10369	2-7/8 in (73 mm)	42076188	\$54.00
200 lb x 2 lb	10371	2-31/32 in (75 mm)	42076189	\$54.00
300 lb x 3 lb	10373	2-31/32 in (75 mm)	42076190	\$54.00
500 lb x 5 lb	10385	3-1/8 in (79 mm)	42078947	\$54.00

Class 7 For Counting Scales

Round

Weight	Part #	Ratio	Diameter	Fairbanks Part #	Price
100 lb x 1 1/99 lb	10387	99 - 1	3 in (76 mm)	40810545	\$61.00
500 lb x 5 5/99 lb	10391	99 - 1	3-3/32 in (79 mm)	42111567	\$61.00
10 lb x 1 1/4 lb	10427	8 - 1	2-15/16 in (75 mm)	-	\$61.00
5 lb x 5/8 lb	10425	8 - 1	2-15/16 in (75 mm)	-	\$54.00
2 lb x 1/4 lb	10411	8 - 1	2-7/32 in (56 mm)	-	\$54.00
80 lb x 1 3/5 lb	10421	50 - 1	3 in (76 mm)	-	\$54.00
40 lb x 4/5 lb	10419	50 - 1	2-13/16 in (71 mm)	-	\$54.00
20 lb x 2/5 lb	10417	50 - 1	2-31/32 in (75 mm)	-	\$61.00
10 lb x 1/5 lb	10415	50 - 1	2 in (51 mm)	-	\$54.00
5 lb x 1/10 lb	10413	50 - 1	1-1/2 in (38 mm)	-	\$54.00
100 lb x 1 9/16 lb or 25 oz	10409	64 - 1	3 in (76 mm)	42111417	\$54.00
50 lb x 28/32 lb or 12 1/2 oz	10407	61 - 1	2-15/16 in (75 mm)	40807082	\$54.00
25 lb x 25/64 lb or 6 1/4 oz	10405	64 - 1	2-31/32 in (75 mm)	40807092	\$54.00
10 lb x 5/32 lb or 2 1/2 oz	10404	64 - 1	1-1/2 in (38 mm)	42111454	\$54.00

Round

Hangers

Approx. Weight	Part #	Total Length	Operational Length	Diameter	Price
7 oz	10382	8-1/4 in (210 mm)	6-3/16 in (157 mm)	2-31/32 in (75 mm)	\$73.00
10 oz	10379	8-1/4 in (210 mm)	6-3/16 in (157 mm)	2-31/32 in (75 mm)	\$73.00
12 oz	10380	8-1/4 in (210 mm)	6-3/16 in (157 mm)	2-31/32 in (75 mm)	\$125.00
16 oz	10381	8-1/4 in (210 mm)	6-3/16 in (157 mm)	2-31/32 in (75 mm)	\$125.00

Triangle

Approx. Weight	Part #	Toledo® Part #	Price
100 lb x 1 lb	11417	49868	\$42.00
200 lb x 2 lb	11419	49869	\$48.00
500 lb x 5 lb	11421	49870	\$73.00

Triangle

Hangers

Approx. Weight	Part #	Total Length	Operational Length	Toledo® Part #	Price
14 oz	11423	8-1/4 in (210 mm)	6-3/16 in (157 mm)	49857	\$73.00



This image shows a full page of blank, lined paper. It features approximately 28 horizontal grey lines spaced evenly apart, typical of standard notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings present.