

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

Optional:

Serial numbers may be stamped on weights
(additional charges apply)





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

								Optional Certificate	
Weight	Part #	Length	Width	Height	Slot Width	Slot Depth*	Price	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)	\$14,000.00		\$325.50
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		\$246.75
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		\$246.75
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		\$246.75
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		\$246.75
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		\$246.75
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)	\$3,450.00		\$246.75
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		\$246.75
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		\$246.75
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)	\$760.00		\$110.25
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)	\$190.00		\$84.00
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		\$84.00
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		\$84.00
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		\$84.00

Class 7

						Optional Certificate	
Weight	Part #	Length	Width	Height	Price	Accredited	
10 lb	12828	3-1/4 in (83 mm)	5 in (127 mm)	4-1/32 in (102 mm)	\$87.00		\$84.00
5 lb	12823	2-9/16 in (65 mm)	4 in (102 mm)	3-7/32 in (82 mm)	\$67.00		\$84.00
2 lb	12874	2-1/8 in (54 mm)	3 in (76 mm)	1-3/4 in (45 mm)	\$63.00		\$68.25
1 lb	12876	1-11/16 in (43 mm)	2-1/2 in (64 mm)	1-13/32 in (38 mm)	\$58.00		\$68.25

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

227165 iQUBE3, Four-
junction box with T
227166 iQUBE3, Four-
junction box with T
227167 iQUBE3, Eight-
junction box with T
227168 iQUBE3, Four-
junction box with T



Accessories

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

CAST IRON / METRIC GRIP-HANDLE

RANGE: 1,000 kg – 500 g

ASTM

Class 6

Weight	Part #	Length	Width	Height	Slot Width	Slot Depth*	Price	Optional Certificate Accredited
1,000 kg	12801	20-1/2 in (521 mm)	20-1/2 in (521 mm)	22 in (559 mm)	3-1/2 in (89 mm)	2-3/4 in (70 mm)	\$12,000.00	\$325.50
500 kg	12797	15-1/8 in (384 mm)	15-1/8 in (384 mm)	20-3/4 in (527 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$7,700.00	\$246.75
250 kg	12782	12 in (305 mm)	11-1/2 in (292 mm)	17-1/2 in (445 mm)	2-1/2 in (64 mm)	1-7/8 in (48 mm)	\$3,600.00	\$246.75
200 kg	12793	12 in (305 mm)	11-1/2 in (292 mm)	14-1/4 in (362 mm)	2-1/2 in (64 mm)	1-7/8 in (48 mm)	\$4,000.00	\$246.75
100 kg	12817	9-7/8 in (251 mm)	9-7/8 in (251 mm)	11 in (279 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$2,500.00	\$246.75
50 kg	12803	7 in (178 mm)	9-7/32 in (234 mm)	8-13/16 in (224 mm)	4-15/32 in (114 mm)	1-29/32 in (48 mm)	\$700.00	\$136.50
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	\$136.50
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)	\$200.00	\$78.75
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)	\$175.00	\$78.75
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)	\$170.00	\$78.75

Class 7

Weight	Part #	Length	Width	Height	Price	Optional Certificate Accredited
5 kg	12786	3-13/32 in (87 mm)	5-15/32 in (139 mm)	4-1/8 (105 mm)	\$88.00	\$78.75
2 kg	12809	2-9/16 in (65 mm)	3-31/32 in (101 mm)	2-13/16 in (71 mm)	\$74.00	\$78.75
1 kg	12813	2-1/8 in (54 mm)	3 in (76 mm)	1-27/32 in (47 mm)	\$63.00	\$57.75
500 g	12815	1-5/8 in (41 mm)	2-1/2 in (64 mm)	1-17/32 in (39 mm)	\$58.00	\$57.75

OIML

Class M1

Weight	Part #	Length	Width	Height	Slot Width	Slot Depth*	Price	Optional Certificate Accredited
500 kg	156304	15-1/8 in (384 mm)	15-1/8 in (384 mm)	20-3/4 in (527 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$7,700.00	\$246.75
250 kg	156305	12 in (305 mm)	11-1/2 in (292 mm)	17-1/2 in (445 mm)	2-1/2 in (64 mm)	1-7/8 in (48 mm)	\$3,600.00	\$246.75
100 kg	156306	9.87 in (251 mm)	9.87 in (251 mm)	11 in (279 mm)	2-1/2 in (64 mm)	2 in (51 mm)	\$1,590.00	\$246.75
50 kg	105417	7 in (178 mm)	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	\$136.50
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	\$78.75
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	\$78.75
5 kg	105414	3-13/32 in (87 mm)	5-15/32 in (139 mm)	4-1/8 in (105 mm)	-	-	\$92.00	\$78.75

* 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



ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

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
\$110.25
\$84.00
\$84.00

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
\$84.00
\$84.00
\$68.25
\$68.25
\$42.00

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

Optional Certificate

Accredited
\$84.00
\$68.25
\$68.25
\$68.25
\$68.25

* Stainless steel

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
\$78.75
\$78.75

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
\$78.75
\$78.75
\$57.75
\$57.75
\$57.75

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
\$78.75
\$57.75
\$57.75
\$57.75
\$57.75

Accessories

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



CAST IRON / AVOIRDUPOIS AND METRIC COUNTERPOISE AND HANGER WEIGHTS

RANGE: 200 kg – 7 oz

ASTM

Class 7

Round

Weight	Part #	Ratio	Diameter	Fairbanks® Part #	Price
50 lb × 1/2 lb	10154	1 lb - 100 lb	2-7/8 in (73 mm)	PA48	\$42.00
100 lb × 1 lb	10156	1 lb - 100 lb	4-1/16 in (103 mm)	PA32	\$48.00
200 lb × 2 lb	10158	1 lb - 100 lb	4-1/16 in (103 mm)	PA21	\$42.00
500 lb × 5 lb	10160	1 lb - 100 lb	3-3/4 in (95 mm)	Pb52	\$48.00
100 lb × 1/2 lb	10152	1/2 lb - 100 lb	2-7/8 in (73 mm)	PBC32	\$42.00
200 lb × 1 lb	10168	1/2 lb - 100 lb	3-17/32 in (90 mm)	PBC21	\$54.00
300 lb × 1 1/2 lb	10189	1/2 lb - 100 lb	3-1/2 in (89 mm)	-	\$42.00
500 lb × 2 1/2 lb	10170	1/2 lb - 100 lb	3-1/2 in (89 mm)	PBC52	\$61.00
1,000 lb × 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 × 100 g	10266	2 in (51 mm)	\$48.00
25 kg × 250 g	10268	2-13/16 in (71 mm)	\$48.00
50 kg × 500 g	10270	4 in (102 mm)	\$52.00
100 g × 1 kg	10272	4 in (102 mm)	\$58.00
200 kg × 2 kg	10274	4 in (102 mm)	\$63.00

Class 7

Square

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

ASTM
PRECISIONOIML
PRECISIONBALANCE
CALIBRATIONSTAINLESS
FIELD WEIGHTSCAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

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 × 1/2 lb	10367	3 in (76 mm)	42071831	\$54.00
100 lb × 1 lb	10369	2-7/8 in (73 mm)	42076188	\$54.00
200 lb × 2 lb	10371	2-31/32 in (75 mm)	42076189	\$54.00
300 lb × 3 lb	10373	2-31/32 in (75 mm)	42076190	\$54.00
500 lb × 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 × 1 1/99 lb	10387	99 - 1	3 in (76 mm)	40810545	\$61.00
500 lb × 5 5/99 lb	10391	99 - 1	3-3/32 in (79 mm)	42111567	\$61.00
10 lb × 1 1/4 lb	10427	8 - 1	2-15/16 in (75 mm)	-	\$61.00
5 lb × 5/8 lb	10425	8 - 1	2-15/16 in (75 mm)	-	\$54.00
2 lb × 1/4 lb	10411	8 - 1	2-7/32 in (56 mm)	-	\$54.00
80 lb × 1 3/5 lb	10421	50 - 1	3 in (76 mm)	-	\$54.00
40 lb × 4/5 lb	10419	50 - 1	2-13/16 in (71 mm)	-	\$54.00
20 lb × 2/5 lb	10417	50 - 1	2-31/32 in (75 mm)	-	\$61.00
10 lb × 1/5 lb	10415	50 - 1	2 in (51 mm)	-	\$54.00
5 lb × 1/10 lb	10413	50 - 1	1-1/2 in (38 mm)	-	\$54.00
100 lb × 1 9/16 lb or 25 oz	10409	64 - 1	3 in (76 mm)	42111417	\$54.00
50 lb × 28/32 lb or 12 1/2 oz	10407	61 - 1	2-15/16 in (75 mm)	40807082	\$54.00
25 lb × 25/64 lb or 6 1/4 oz	10405	64 - 1	2-31/32 in (75 mm)	40807092	\$54.00
10 lb × 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 × 1 lb	11417	49868	\$42.00
200 lb × 2 lb	11419	49869	\$48.00
500 lb × 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



Triangle Single and Hanger



ASTM
PRECISION

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