

# CAST IRON

TEST WEIGHTS

Calibration Turnaround in  
**4 Days**  
OR LESS



**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

To be the best by every measure<sup>®</sup>

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# Quality Guaranteed by the Toughest Standards of All...Our Own.

Designed for scale calibration, our solid cast iron test weights are available in the following:

ASTM Classes 6 and 7 • OIML Class M1 • NIST Class F

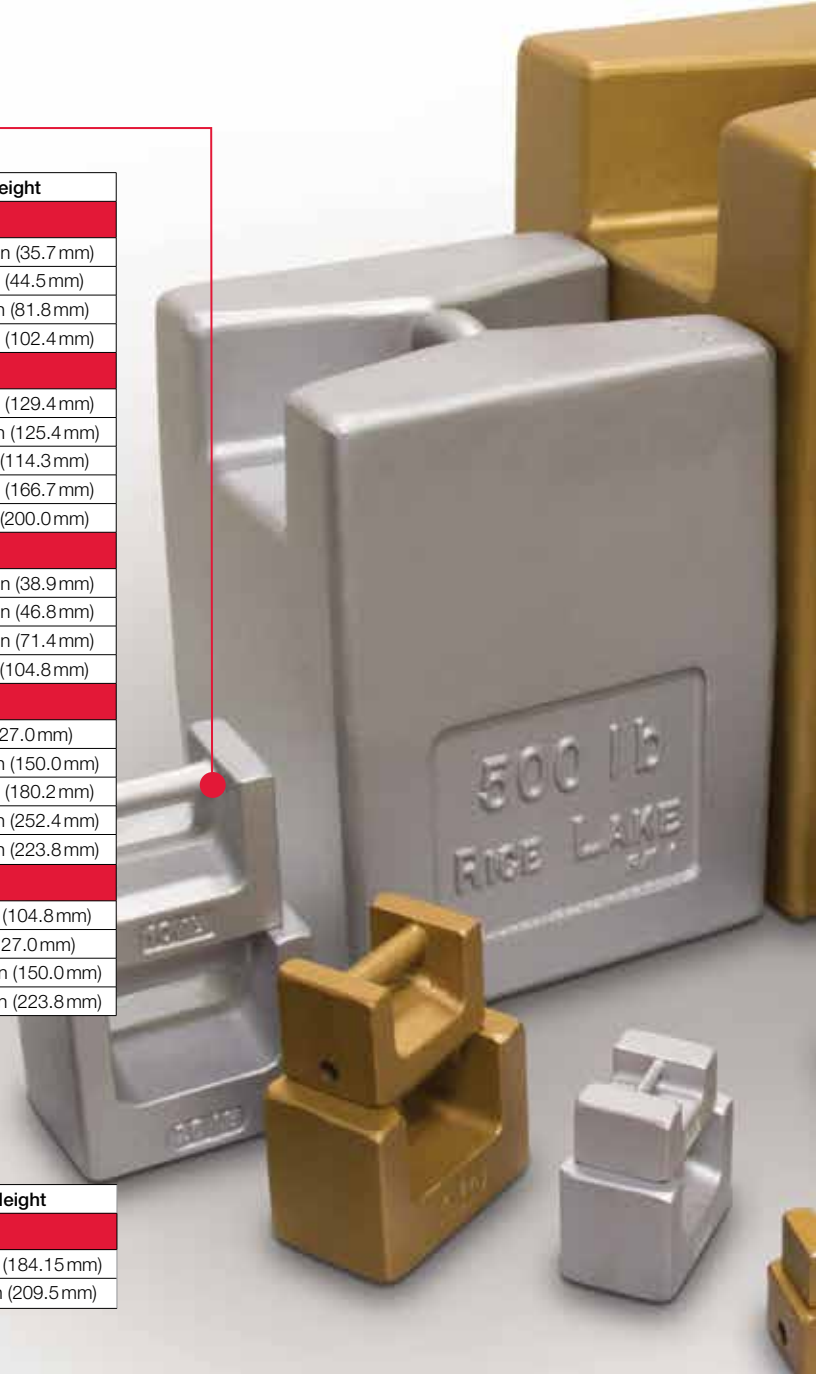
Our cast iron weights undergo a special phosphatizing process in which the metal is thoroughly cleaned and mildly etched to allow exceptional finish adhesion. The weights are then coated with a layer of chip-resistant paint which conforms to NIST Handbook 105-1 standards. This two-step process ensures a long-lasting finish that greatly reduces the possibility of corrosion.

## Grip Handle Weights

Part #	Weight	Width	Length	Height
<b>AVOIRDUPOIS ASTM Class 7</b>				
12876	1 lb	2 1/2 in (63.5 mm)	1 11/16 in (42.9 mm)	1 13/32 in (35.7 mm)
12874	2 lb	3 in (76.2 mm)	2 1/8 in (54.0 mm)	1 3/4 in (44.5 mm)
12823	5 lb	4 in (101.6 mm)	2 9/16 in (65.1 mm)	3 7/32 in (81.8 mm)
12828	10 lb	5 in (127.0 mm)	3 1/4 in (82.6 mm)	4 1/32 in (102.4 mm)
<b>AVOIRDUPOIS NIST Class F</b>				
12870	20 lb	5 3/4 in (146.1 mm)	4 15/32 in (113.5 mm)	5 3/32 in (129.4 mm)
12833	25 lb	6 1/2 in (165.1 mm)	4 1/2 in (114.3 mm)	4 15/16 in (125.4 mm)
12878	30 lb	8 1/4 in (209.6 mm)	4 29/32 in (124.6 mm)	4 1/2 in (114.3 mm)
12839	50 lb	7 29/32 in (200.8 mm)	5 1/2 in (139.7 mm)	6 9/16 in (166.7 mm)
12862	100 lb	9 1/8 in (231.8 mm)	7 in (177.8 mm)	7 7/8 in (200.0 mm)
<b>METRIC ASTM Class 7</b>				
12815	500 g	2 1/2 in (63.5 mm)	1 5/8 in (41.3 mm)	1 17/32 in (38.9 mm)
12813	1 kg	3 in (76.2 mm)	2 1/8 in (54.0 mm)	1 27/32 in (46.8 mm)
12809	2 kg	3 31/32 in (100.8 mm)	2 9/16 in (65.1 mm)	2 13/16 in (71.4 mm)
12786	5 kg	5 15/32 in (138.9 mm)	3 13/32 in (86.5 mm)	4 1/8 in (104.8 mm)
<b>METRIC NIST Class F</b>				
12767	10 kg	6 in (152.4 mm)	4 1/2 in (114.3 mm)	5 in (127.0 mm)
12771	20 kg	7 5/8 in (193.7 mm)	5 19/32 in (142.1 mm)	5 29/32 in (150.0 mm)
12775	25 kg	7 21/32 in (194.5 mm)	5 1/2 in (139.7 mm)	7 3/32 in (180.2 mm)
12805	35 kg	7 7/8 in (200.0 mm)	5 1/2 in (139.7 mm)	9 15/32 in (252.4 mm)
12803	50 kg	9 7/32 in (234.2 mm)	7 in (177.8 mm)	8 13/16 in (223.8 mm)
<b>METRIC OIML Class M1</b>				
105414	5 kg	5 15/32 in (138.9 mm)	3 13/32 in (86.5 mm)	4 1/8 in (104.8 mm)
105415	10 kg	6 in (152.4 mm)	4 1/2 in (114.3 mm)	5 in (127.0 mm)
105416	20 kg	7 5/8 in (193.7 mm)	5 19/32 in (142.1 mm)	5 29/32 in (150.0 mm)
105417	50 kg	9 7/32 in (234.2 mm)	7 in (177.8 mm)	8 13/16 in (223.8 mm)

## Nesting Slab Weights

Part #	Weight	Width	Length	Height
<b>AVOIRDUPOIS NIST Class F</b>				
34563	1000 lb	29 1/2 in (749.3 mm)	19 1/2 in (495.3 mm)	7 1/4 in (184.15 mm)
12860	2500 lb	42 in (1066.8 mm)	30 in (762 mm)	8 1/4 in (209.5 mm)



# Heavy Capacity Weights

Part #	Weight	Width	Length	Height
<b>AVOIRDUPOIS NIST Class F</b>				
12890	200lb	9 3/4in (247.65mm)	9 3/4in (247.65mm)	10in (254mm)
12892	250lb	9 3/4in (247.65mm)	9 3/4in (247.65mm)	12in (304.8mm)
12844	500lb	11 1/2in (292.1mm)	12in (304.8mm)	15 3/4in (400.1mm)
12850	1000lb	15in (381.0mm)	15 1/2in (393.7mm)	18 11/16in (474.7mm)
12858	1250lb	15in (381.0mm)	15in (381.0mm)	23 3/4in (603.3mm)
12864	1500lb	15 1/8in (384.2mm)	15 1/8in (384.2mm)	26 7/8in (682.6mm)
12868	2000lb	20 3/4in (527.05mm)	20 3/4in (527.05mm)	19 1/2in (495.3mm)
12854	2500lb	20 3/4in (527.1mm)	20 3/4in (527.1mm)	24 3/4in (628.65mm)
12872	3000lb	20 3/4in (527.1mm)	20 3/4in (527.1mm)	29in (736.6mm)
<b>METRIC NIST Class F</b>				
12817	100kg	9 7/8in (250.8mm)	9 7/8in (250.8mm)	11in (279.4mm)
12793	200kg	11 1/2in (292.1mm)	12in (304.8mm)	14 1/4in (362mm)
12782	250kg	11 1/2in (292.1mm)	12 1/2in (317.5mm)	17 1/2in (444.5mm)
12797	500kg	15 1/8in (384.2mm)	15 1/8in (384.2mm)	20 3/4in (527mm)
12801	1000kg	20 1/2in (520.7mm)	20 1/2in (520.7mm)	22in (558.8mm)
<b>OIML Class M1</b>				
156304	500kg	15 1/8in (384.2mm)	15 1/8in (384.2mm)	20 3/4in (527mm)
156305	250kg	15 1/8in (384.2mm)	15 1/8in (384.2mm)	20 3/4in (527mm)
156306	100kg	15 1/8in (384.2mm)	15 1/8in (384.2mm)	20 3/4in (527mm)

# Hangers

Part #	Weight	Capacity	Total Length	Operational Length	Diameter
<b>AVOIRDUPOIS ASTM Class 7</b>					
12825	1 lb	200lb	9 5/16in (236.5mm)	7 9/16in (192.1mm)	3 3/4in (95.3mm)
12830	1 lb	200lb	21 29/32in (556.4mm)	20 7/32in (192.1mm)	3 3/4in (95.3mm)
12835	2 lb	200lb	10 1/4in (260.4mm)	8in (203.2mm)	3 3/4in (95.3mm)
12841	2 lb	200lb	21 13/32in (543.7mm)	19in (482.6mm)	3 3/4in (95.3mm)
12846	5 lb	500lb	37 1/4in (946.2mm)	35in (889.0mm)	4in (101.6mm)
<b>METRIC ASTM Class 7</b>					
12769	500g	100kg	9 5/16in (236.5mm)	7 9/16in (192.1mm)	3 3/4in (95.3mm)
12773	500g	100kg	21 29/32in (556.4mm)	20 7/32in (513.6mm)	3 3/4in (95.3mm)
12777	1 kg	100kg	10 1/4in (260.4mm)	8in (203.2mm)	3 3/4in (95.3mm)
12784	1 kg	100kg	21 13/32in (543.7mm)	19in (482.6mm)	3 3/4in (95.3mm)
12788	2 kg	250kg	37 1/4in (946.2mm)	35in (889.0mm)	4in (101.6mm)

# Slotted Interlocking Weights

Part #	Weight	Slot Width	Diameter	Height
<b>AVOIRDUPOIS ASTM Class 7</b>				
12837	1/2 lb	9/16in (14.3mm)	3 3/4in (95.3mm)	7/16in (11.1mm)
12842	1 lb	9/16in (14.3mm)	5in (127.0mm)	15/32in (11.9mm)
12848	2 lb	9/16in (14.3mm)	5in (127.0mm)	23/32in (18.3mm)
12852	5 lb	11/16in (17.5mm)	5 1/8in (130.2mm)	1 5/16in (33.3mm)
12826	10 lb	13/16in (20.6mm)	6 1/8in (155.6mm)	1 11/16in (42.9mm)
<b>AVOIRDUPOIS ASTM Class 6</b>				
12831	20 lb	13/16in (20.6mm)	8 1/8in (206.4mm)	1 31/32in (50.0mm)
12856	50 lb	3/4in (9mm)	10 5/8in (269.9mm)	2 11/16in (68.3mm)
40828	100 lb	1in (25.4mm)	17in (431.8mm)	1 15/16in (49.2mm)
<b>METRIC ASTM Class 7</b>				
12780	200 g	5/8in (15.9mm)	3 21/32in (92.9mm)	7/16in (11.1mm)
12791	500 g	9/16in (14.3mm)	5in (127.0mm)	15/32in (11.9mm)
12795	1 kg	9/16in (14.3mm)	5 1/16in (128.6mm)	3/4in (19.1mm)
12799	2 kg	9/16in (14.3mm)	5 1/8in (130.2mm)	1 3/16in (30.2mm)
12807	5 kg	13/16in (20.6mm)	6 3/16in (157.2mm)	1 13/16in (46.0mm)
<b>METRIC ASTM Class 6</b>				
12811	10 kg	3/4in (19.1mm)	8 3/16in (208.0mm)	2 1/16in (52.4mm)
12819	20 kg	21/32in (16.7mm)	10 5/16in (261.9mm)	2 11/32in (59.5mm)

# CAST IRON TEST WEIGHTS



All weights are traceable to the International System of Units (SI) through National Institute of Standards and Technology (NIST). To verify adherence to class tolerances, optional traceable certificates are available. Weights are manufactured to one of the following specifications: ASTM E 617, NIST Handbook 105-1, or OIML R111.

## Rice Lake's traceable certificates provide the following documentation:

- Traceability to NIST
- Weight class: ASTM 4-7, NIST F, OIML M1, M2, M3
- Environmental conditions present at time of calibration
- Test location (Rice Lake Weighing Systems, an accredited laboratory)
- Rice Lake Weighing Systems ISO 9001 registration
- All requirements for the National Voluntary Laboratory Accreditation Program (NVLAP), ISO/IEC 17025 and ANS/NCSL 2540-1

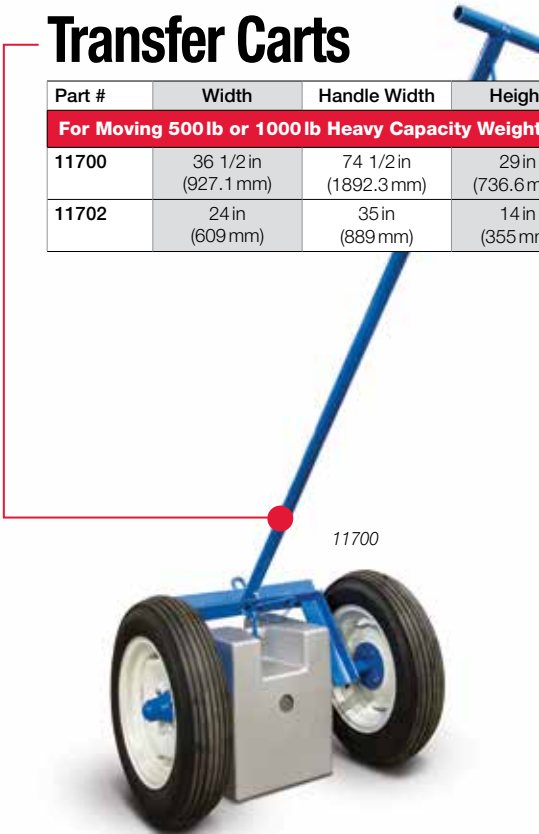


## Sealing Plugs

Part #	Diameter
<b>Lead Plugs</b>	
11749	2 3/4 in (69.8 mm)
11750	1 7/8 in (47.6 mm)
11751	1 in (25.4 mm)
11752	1/2 in (12.7 mm)
11753	1 1/4 in (31.7 mm)
11760	9/16 in (14.3 mm)
11761	5/8 in (15.9 mm)
11765	3/4 in (19.1 mm)
11785	7/8 in (22.2 mm)
<b>Aluminum Plugs</b>	
11744	3/8 in (9.5 mm)
11745	1/2 in (12.7 mm)
11746	5/8 in (15.9 mm)
11762	1 in (25.4 mm)
11767	9/16 in (14.3 mm)
11775	7/8 in (22.2 mm)
11776	3/4 in (19.1 mm)
<b>Back-up Plugs</b>	
11748	2 3/4 in (69.8 mm)
11766	3/4 in (19.1 mm)
11710	1 in (25.4 mm)
11699	1 7/8 in (47.6 mm)
<b>Back-up Plugs Stainless Steel</b>	
44992	1 in (25.4 mm)
44993	5/8 in (15.9 mm)
44994	3/8 in (9.5 mm)
<b>Stainless Steel Plugs</b>	
11709	15/16 in (23.0 mm)

## Transfer Carts

Part #	Width	Handle Width	Height
<b>For Moving 500 lb or 1000 lb Heavy Capacity Weights</b>			
11700	36 1/2 in (927.1 mm)	74 1/2 in (1892.3 mm)	29 in (736.6 mm)
11702	24 in (609 mm)	35 in (889 mm)	14 in (355 mm)



## Dust Covers

Weight Part #	Cover Part #	Capacity
<b>Canvas Covers</b>		
12890	11720	200 lb
12844	11722	500 lb
12880	11723	750 lb
12850	11724	1000 lb
12858	11727	1250 lb
12866	11729	2000 lb
12860	11732 (slab)	2500 lb
12888	11735	5000 lb
12775	11736	25 kg
12803	11737	50 kg
12817	11738	100 kg
12782	11740	250 kg
12797	11741	500 kg
12801	11742	1000 kg
12821	11743	2000 kg

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