

TEST WEIGHTS

CAST IRON



On Weights and
Calibration Services

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

Designed for scale calibration, our solid cast iron test weights are sealed to ASTM classes 6 and 7 specifications; Class F tolerances are listed in the National Institute of Standards and Technology Handbook 105-1. All weights are traceable to NIST. To verify adherence to class F tolerances, optional traceable certificates are available.

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.

RICE LAKE WEIGHING SYSTEMS
METROLOGICAL PRODUCTS & SERVICES GROUP

www.rlws.com

CAST IRON TEST WEIGHTS

Grip Handle Weights



Avoirdupois and Metric, NIST Class F & ASTM Class 7

AVOIRDUPOIS

Part #	Weight	Width	Length	Height
NIST Class F				
12870	20 lb	4 1/2"	5 5/8"	5"
12833	25 lb	4 3/8"	6 5/8"	4 15/16"
12878	30 lb	4 15/16"	8 1/8"	4 1/4"
12839	50 lb	5 5/8"	7 7/8"	6 3/8"
12862	100 lb	7"	9"	8 1/8"
ASTM Class 7				
12876	1 lb	1 5/8"	2 5/8"	1 1/4"
12874	2 lb	2 1/16"	3 1/8"	1 5/8"
12823	5 lb	2 5/8"	4"	3"
12828	10 lb	3 1/4"	5"	3 7/8"

METRIC

Part #	Weight	Width	Length	Height
NIST Class F				
12767	10 kg	4 1/2"	6"	4 15/16"
12771	20 kg	5 1/2"	8"	5 7/8"
12775	25 kg	5 3/8"	8"	7"
12805	35 kg	5 9/16"	7 7/8"	9 1/8"
12803	50 kg	7"	9"	8 7/8"
ASTM Class 7				
12815	500 g	1 5/8"	2 9/16"	1 7/16"
12813	1 kg	2 1/16"	3"	1 3/4"
12809	2 kg	2 5/8"	4"	2 3/4"
12786	5 kg	3 1/4"	5 3/8"	4"

Heavy Capacity Weights



Avoirdupois and Metric, NIST Class F

AVOIRDUPOIS

Part #	Weight	Width	Length	Height
12890	200 lb	9 3/4"	9 3/4"	10"
12892	250 lb	9 3/4"	9 3/4"	12"
12844	500 lb	11 3/4"	11 3/4"	15 3/4"
12850	1000 lb	15 1/4"	15 1/4"	19"
12858	1250 lb	15 1/8"	15 1/8"	23 1/4"
12864	1500 lb	15 1/8"	15 1/8"	27 3/4"
12868	2000 lb	20 1/2"	20 7/8"	20 3/8"
12854	2500 lb	20 1/2"	20 3/4"	25 1/4"
12872	3000 lb	20 1/2"	20 3/4"	30 1/4"

Nesting Slab Weight

34563	1000 lb	19 1/2"	29 1/2"	7 1/4"
12860	2500 lb	30"	42"	8 1/4"

METRIC

Part #	Weight	Width	Length	Height
12817	100 kg	9 7/8"	9 7/8"	11"
12793	200 kg	11 5/8"	12 1/4"	15 3/4"
12782	250 kg	11 5/8"	12 1/8"	17 1/4"
12797	500 kg	15 1/8"	15 1/8"	20 3/4"
12801	1000 kg	20 1/2"	20 3/4"	22 1/4"

Piggyback Weights



Avoirdupois and Metric, NIST Class F

AVOIRDUPOIS

Part #	Weight	Width	Length	Height
12886	4000 lb	21"	21"	42 3/4"
12888	5000 lb	21"	21"	51 7/8"

METRIC

Part #	Weight	Width	Length	Height
12821	2000 kg	21"	21"	46 5/8"



Slotted Interlocking Weights

Avoirdupois and Metric, ASTM Class 6 or 7

AVOIRDUPOIS

Part #	Weight	Slot Width	Diameter	Height
ASTM Class 7				
12837	1/2 lb	9/16"	3 3/4"	7/16"
12842	1 lb	9/16"	5"	7/16"
12848	2 lb	9/16"	5"	3/4"
12852	5 lb	9/16"	5 1/8"	1 1/4"
12826	10 lb	3/4"	6 1/8"	1 9/16"
ASTM Class 6				
12831	20 lb	3/4"	8 1/8"	1 7/8"
12856	50 lb	9/16"	10 1/2"	2 1/2"
40828	100 lb	1"	17"	1 15/16"

METRIC

Part #	Weight	Slot Width	Diameter	Height
ASTM Class 7				
12780	200 g	9/16"	3 3/4"	5/16"
12791	500 g	9/16"	5"	1/2"
12795	1 kg	9/16"	5 1/16"	3/4"
12799	2 kg	9/16"	5 1/8"	1 5/32"
12807	5 kg	3/4"	6 5/32"	1 25/32"
ASTM Class 6				
12811	10 kg	3/4"	8 3/16"	2"
12819	20 kg	9/16"	10 13/32"	2 5/16"

Hangers

Avoirdupois and Metric Slotted Interlocking Weights, ASTM Class 7

AVOIRDUPOIS

Part #	Weight	Capacity	Length	Total Length	Operational Diameter
12825	1 lb	200 lbs	9 1/2"	8"	3 11/16"
12830	1 lb	200 lbs	22"	20 5/16"	3 11/16"
12835	2 lb	200 lbs	10 1/4"	8"	3 13/16"
12841	2 lb	200 lbs	21 3/8"	19"	3 13/16"
12846	5 lb	500 lbs	37 1/4"	35"	5"

METRIC

Part #	Weight	Capacity	Length	Total Length	Operational Diameter
12769	500 g	100 kg	9 1/2"	8"	3 11/16"
12773	500 g	100 kg	22"	20 5/16"	3 11/16"
12777	1 kg	100 kg	10 1/4"	8"	3 13/16"
12784	1 kg	100 kg	21 3/8"	19"	3 13/16"
12788	2 kg	250 kg	37 1/4"	35"	5"

Unprecedented Customer Service

Knowledgeable customer service representatives available
6:30 a.m. to 6:30 p.m. Mon.–Fri. and 8 a.m. to 12 p.m. Sat. (CST)
Next Day Air deliveries available.



Manufactured to ASTM E 617 specifications.
*Class F manufactured to NIST Handbook 105-1 specifications and tolerances, revised 1990.

Your Rice Lake Weighing Systems distributor is:



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