

# Troemner Stainless Steel Heavy Capacity Weights

*Precision & Balance Matched Only By Nature.*

## **General Information** –

Troemner's new Stainless Steel Heavy Capacity Weights are an ideal solution for the food, beverage, pharmaceutical, nuclear and fine chemical industries. Manufactured from stainless steel, these weights are highly stable and resistant to corrosion – ideal for clean rooms, wash down environments and as a replacement for your cast iron weights. Troemner's Stainless Steel Heavy Capacity Weights can be supplied with Troemner's NIST Traceable Certificate up to 2000 kg (5000 lbs) or with a NVLAP Weight Calibration Certificate for weights up to 1000 kg (3000 lbs).

**Tolerances** – Stainless Steel Heavy Capacity Weights are adjusted to ANSI/ASTM Class 4, 5, 6 or NIST Class F. Please see the Tolerance Chart within the Mass Standards Handbook in the back of this desk reference for specific information.

**Construction and General Shape** – Troemner's Stainless Steel Heavy Capacity Weights are manufactured from a stainless steel alloy which possesses closely controlled density, low magnetic susceptibility, good stability and resistance to corrosion and handling damage. Troemner's Stainless Steel Heavy Capacity Weights range from 20 kg / 75 lb and up, are cylindrical in shape, have a flat even top surface and have a secure eyebolt on the top center of the weight to allow them be moved easily with various types of

industrial equipment. All of Troemner's Stainless Steel Heavy Capacity Weights have two-piece construction that allows the weights to be adjusted. Within each weight there is a cavity, below the eye bolt, that is filled with adjusting material, typically the same material from which the weight is made. This cavity is sealed during the production process to ensure the stability of the weight.

The eyebolt has an opening of 1 1/2 inches. Custom Stainless Steel Heavy Capacity Weights of any nominal value from 20 kg / 75 lb up to 2000 kg / 500 lb can be manufactured to meet your specific requirements.

**Surface Finish** – All surfaces have a satin finish and are smooth and free of scratches as outlined in ANSI/ASTM E617. For surface finish specifications see the Mass Standards Handbook in the back of this desk reference.

**Presentation** – To protect your Stainless Steel Heavy Capacity Weights, Troemner also manufactures a variety of custom containers and carts to properly store and transport your weights to keep them clean and protected. Containers and carts can be manufactured from a variety of materials depending on your application and environment. Ask your Troemner sales representative for more details.



## **Ordering a Certificate With Your Weight or Weight Set** –

The following certificates are available to meet your traceability and compliance needs. Complete information on our calibration certificates is located in the Weight Calibration Certificate Options section of this desk reference.

- Weights and weight sets supplied without weight certificates come with **Troemner's Statement of Accuracy**.
- To order **Troemner's NVLAP Weight Calibration Certificate**, specify the Troemner part number using the table at the end of this section followed by "W."
- To order **Troemner's Traceable Certificate**, specify the Troemner part number followed by "T."

NVLAP®

Accredited by the National Voluntary  
Laboratory Accreditation Program for  
the specific scope of Accreditation  
under Lab Code 105013.

ISO 9001

## Stainless Steel Heavy Capacity Weights

AVOIRDUPOIS HEAVY CAPACITY STAINLESS STEEL WEIGHTS					
Weight	Class 4 Part #	Class 5 Part #	Class 6 Part #	Weight Diameter (inches)	Weight Height including Eyebolt (inches)
5000 lb	7952-4	7952-5	7952-6	28.00	31.60
2500 lb	7954-4	7954-5	7954-6	22.00	26.20
2000 lb	7955-4	7955-5	7955-6	21.00	24.00
1500 lb	7956-4	7956-5	7956-6	18.90	21.90
1000 lb	7958-4	7958-5	7958-6	16.50	19.50
800 lb	7960-4	7960-5	7960-6	15.40	18.40
500 lb	7962-4	7962-5	7962-6	13.00	16.50
400 lb	7964-4	7964-5	7964-6	12.00	15.50
250 lb	7966-4	7966-5	7966-6	9.60	12.60
200 lb	7968-4	7968-5	7968-6	8.50	11.40
140 lb	7970-4	7970-5	7970-6	7.60	10.60
100 lb	7972-4	7972-5	7972-6	6.90	9.90
75 lb	7974-4	7974-5	7974-6	5.00	6.50

METRIC HEAVY CAPACITY STAINLESS STEEL WEIGHTS					
Weight	Class 4 Part #	Class 5 Part #	Class 6 Part #	Weight Diameter (inches)	Weight Height including Eyebolt (inches)
1200 kg	7904-4	7904-5	7904-6	22.90	25.80
1000 kg	7906-4	7906-5	7906-6	21.50	15.40
500 kg	7908-4	7908-5	7908-6	17.00	20.00
300 kg	7910-4	7910-5	7910-6	14.00	18.00
250 kg	7912-4	7912-5	7912-6	13.50	16.60
200 kg	7914-4	7914-5	7914-6	12.50	15.50
180 kg	7916-4	7916-5	7916-6	12.10	15.10
150 kg	7918-4	7918-5	7918-6	11.50	14.20
100 kg	7920-4	7920-5	7920-6	10.00	12.90
80 kg	7922-4	7922-5	7922-6	9.20	12.20
75 kg	7924-4	7924-5	7924-6	8.90	12.20
60 kg	7926-4	7926-5	7926-6	8.40	11.50
50 kg	7928-4	7928-5	7928-6	7.90	10.90
40 kg	7930-4	7930-5	7930-6	7.30	10.30
20 kg	7932-4	7932-5	7932-6	6.00	7.50