

Calibrated Dead Weights are the official means by which torque analyzers and transducers are traced to the National or International Standards such as NIST, ISO, and others. There are 3 components that compose of a Dead Weight Test Set: (1) Segment Arm or Wheel, (2) Hanger, and (3) Weights.



Step 1:
Select either:
Segment Arms
or Wheels

SEGMENT ARMS

Model	Item #	Max Wt.	Tolerance	Input Dr.	Length
S-10	061106	25 lbs.	± .005	1/4"	10"
S-10	060094	75 lbs.	± .005	3/8"	10"
S-10	060056	100 lbs.	± .005	1/2"	10"
S-12	060052	75 lbs.	± .006	3/8"	12"
S-12	060093	100 lbs.	± .006	1/2"	12"
S-24	060091	100 lbs.	± .012	1/2"	24"
S-24	060053	200 lbs.	± .012	3/4"	24"
S-48	060090	125 lbs.	± .024	3/4"	48"
S-48	060054	200 lbs.	± .024	1"	48"

WHEELS (pictured upper right photo)

Model	Item #	Max Wt.	Tolerance	Input Dr.	Radius
1.0*	061587	50 oz.	± .0005	1/4"	1"
2.0**	060095	20 lbs.	± .001	1/4" & 3/8"	2"
4.0**	060064	50 lbs.	± .002	1/4" & 3/8"	4"

*Shape: Circular **Shape: Butterfly

Step 2: Select Hangers

Model	Item #	Weight	Stem
Stainless Steel (Class F)	110044	2 lbs.	9 1/4"
Stainless Steel (Class F)	110043	5 lbs.	16"



Step 3: Select Weights



Hook Weight



Slotted Weight



Hanger

Model	Item #	Weight
Stainless Steel Hook (Class 3)	110050	0.25 oz.
Stainless Steel Hook (Class 3)	110051	0.50 oz.
Stainless Steel Hook (Class 3)	110052	1 oz.
Stainless Steel Hook (Class 3)	110053	2 oz.
Stainless Steel Hook (Class 3)	110054	4 oz.
Stainless Steel Hook (Class 3)	110055	8 oz.
Stainless Steel Hook (Class 3)	110056	16 oz.
Stainless Steel Hook (Class 3)	110057	32 oz.
Stainless Steel Hook (Class 3)	110058	40 oz.
Stainless Steel Slotted (Class F)	110047	0.5 lbs.
Stainless Steel Slotted (Class F)	110046	1 lb.
Stainless Steel Slotted (Class F)	110045	2 lbs.
Stainless Steel Slotted (Class F)	110041	5 lbs.
Stainless Steel Slotted (Class F)	110042	10 lbs.
Stainless Steel Slotted (Class F)	110070	20 lbs.
Stainless Steel Slotted (Class F)	110071	50 lbs.



Calibration Test Equipment

For Torque Analyzers & Torque Transducers



TOTAL WEIGHT

Weights are placed upon the Hanger, which is hung from the Segment Arm or Wheel. The amount of **total weight** needed is determined by the maximum torque range of the analyzer or transducer being calibrated and the length of the Segment Arm or Wheel.

EZ-TorQ CALIBRATION KIT

The EZ-TorQ analyzer includes the EZ Calibration software for multipoint calibrations. For performing the calibration a calibration wheel, hanger and weights are required.

Mountz offers calibration kits for calibrating the EZ-TorQ. The kits include a wheel, hanger and weights.

**Calibration Kit
EZ-TorQ 10i (American)
Item #061279**

**Calibration Kit
EZ-TorQ 50i & 100i (American)
Item #061280**

NOTE!

Total weight includes both the Hanger and the Stainless Steel Weight(s).