



CALIBRATION BEAMS & WEIGHTS - METRIC



Calibration details



9 METRIC - NEWTON METRE SIZES

21400	3 N-m	Torque Radius Disc (100 mm)
21429	60 N-m	Radius Ended Beam (0.25 m)
21421	150 N-m	Radius Ended Beam (0.5 m)
21427	500 N-m	Radius Ended Beam (0.5 m)
21428	1,500 N-m	Radius Ended Beam (1.0 m)
21842	7,000 N-m	Free Standing Beam

With the exception of 21842 all calibration beams are supplied in a protective case. A UKAS accredited calibration certificate for the measurement of the torque radius is provided with each beam.

9 WEIGHTS FOR THE DISC 21400

21452.NAM	Brass weight set to give 0.5 N-m (10 x 0.5 N)
21450.NAM	Brass weight set to give 1.0 N-m (10 x 1.0 N)
21479.NAM	Brass weight set to give 2.5 N-m (10 x 2.5 N)

9 WEIGHTS FOR THE BEAM 21429

21476.NAM	Cast iron weight set to give 5 N-m (10 x 2 N)
21454.NAM	Cast iron weight set to give 10 N-m (10 x 4 N)
21458.NAM	Cast iron weight set to give 50 N-m (10 x 20 N)
Q2343.NAM	Cast iron weight set to give 60 N-m Optimised for the Pro-Test 60 (1 x 4.8 N, 1 x 7.2 N, 1 x 12 N, 1 x 24 N, 4 x 48 N)

9 WEIGHTS FOR THE BEAM 21421

21477.NAM	Cast iron weight set to give 50 N-m (10 x 10 N)
21458.NAM	Cast iron weight set to give 100 N-m (10 x 20 N)

9 WEIGHTS FOR THE BEAM 21427/21428

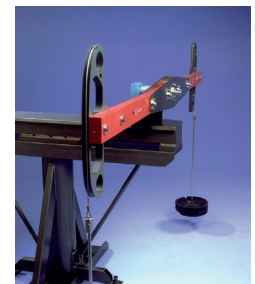
21459.NAM	Cast iron weight set to give 250/500 N-m (1 x 10 N, 10 x 50 N)
21460.NAM	Cast iron weight set to give 500/1,000 N-m (1 x 10 N, 10 x 100 N)
21483.NAM	Cast iron weight set to give 500/1,000 & 1,500 N-m (14 x 100 N, 1 x 50 N, 2 x 20 N, 1 x 10 N)

e.g. set 21459.NAM will give 250 N-m on a 21427 beam and 500 N-m on a 21428.

9 WEIGHTS FOR THE BEAM 21842

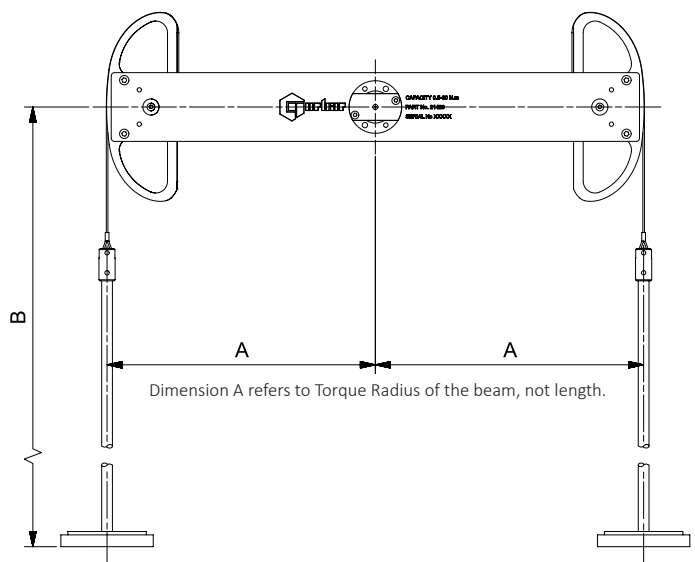
21469.NAM	Cast iron weight set to give 7,000 N-m (20 x 50 lbf)
-----------	--

All weight sets come with traceable UKAS accredited calibration certificate. This requires the customer to provide the value for 'g' (local gravity) for the intended place of use when ordering.



Model	100 mm Disc	0.25 m Beam	0.5 m Beam	0.5 m Beam	1 m Beam	Free Standing Beam	
Part Number	21400	21429	21421	21427	21428	21842	
Minimum Torque (N-m)	0.05	0.5	5	50	10	350	
Dimensions (mm)	A	100	250	500	500	1,000	* 1,573.66
	B max.	295	650	755	1,015	1,015	1,070
Weight (kg)	0.5	1.9	5.0	17.0	25.0	270.0	

* A max. Torque Radius for 7,000 N-m beam





CALIBRATION BEAMS & WEIGHTS - IMPERIAL



Calibration details



9 IMPERIAL - POUNDS FEET SIZES	
21400	25 lbf-in Torque Radius Disc (100 mm)
21430	500 lbf-in Radius Ended Beam (10")
21424	100 lbf-ft Radius Ended Beam (12")
21425	500 lbf-ft Radius Ended Beam (24")
21426	1,000 lbf-ft Radius Ended Beam (48")
21842	5,000 lbf-ft Free Standing Beam

With the exception of 21842 all calibration beams are supplied in a protective case. A UKAS accredited calibration certificate for the measurement of the torque radius is provided with each beam.

9 WEIGHTS FOR THE DISC 21400	
21455.NAM	Brass weight set to give 50 ozf-in (10 x 1.27 ozf)
21453.NAM	Brass weight set to give 100 ozf-in (10 x 2.54 ozf)
21451.NAM	Brass weight set to give 160 ozf-in (10 x 4.064 ozf)

9 WEIGHTS FOR THE BEAM 21430	
21465.NAM	Cast iron weight set to give 100 lbf-in (10 x 1 lbf)
21466.NAM	Cast iron weight set to give 500 lbf-in (10 x 5 lbf)

9 WEIGHTS FOR THE BEAM 21424	
21467.NAM	Cast iron weight set to give 100 lbf-ft (10 x 10 lbf)

9 WEIGHTS FOR THE BEAM 21425	
21468.NAM	Cast iron weight set to give 500 lbf-ft (10 x 25 lbf)

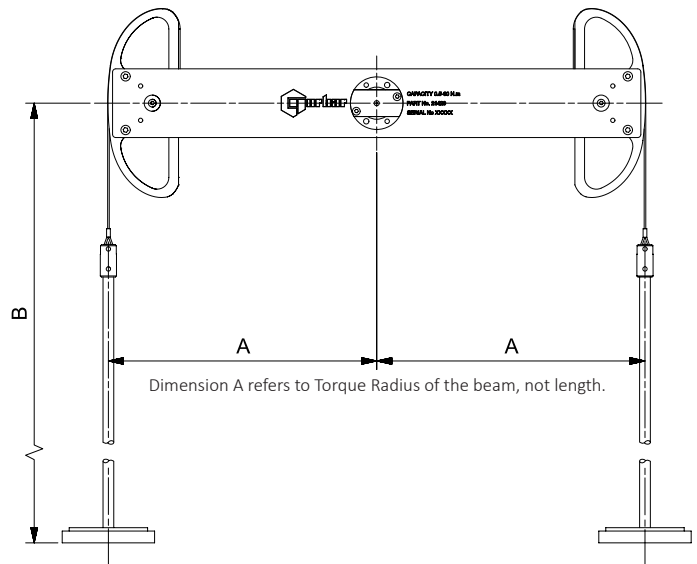
9 WEIGHTS FOR THE BEAM 21426	
21468.NAM	Cast iron weight set to give 1,000 lbf-ft (10 x 25 lbf)

9 WEIGHTS FOR THE BEAM 21842	
21469.NAM	Cast iron weight set to give 5,000 lbf-ft (20 x 50 lbf)

All weight sets come with a traceable UKAS accredited calibration certificate. This requires the customer to provide the value for 'g' (local gravity) for the intended place of use when ordering.

Model	100 mm Disc	10" Beam	12" Beam	24" Beam	48" Beam	Free Standing Beam
Part Number	21400	21430	21424	21425	21426	21842
Minimum torque	0.44 lbf-in	10 lbf-in	10 lbf-ft	50 lbf-ft	100 lbf-ft	300 lbf-ft
Dimensions (mm)	A	100	254	305	610	* 1,524
	B max.	295	650	690	965	1,015
Weight (kg)	0.5	1.2	3.7	17.3	26.4	270.0

* A max. Torque Radius for 5,000 lbf-ft beam



9 ANCILLARY PRODUCTS FOR CALIBRATION BEAMS	
J2676	1,500 N.m Calibration Pedestal
J2329	Pro-Test Calibration Test Rig Assembly
80005	Adjustable Angle Attachment

9 CALIBRATION FIXTURES	
J5042.25	Transducer calibration fixture 1/4" sq
J5042.375	Transducer calibration fixture 3/8" sq
J5042.5	Transducer calibration fixture 1/2" sq
J5042.75	Transducer calibration fixture 3/4" sq
J5042.1	Transducer calibration fixture 1" sq
J3305	3° Angled Plate for use with calibration fixtures