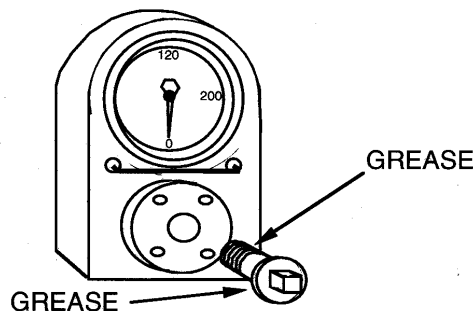


# STATIMETER BOLT LOAD METER

## TEST BOLT METHOD OF OPERATION

- 1) Select the correct Bolt Load Meter and Test Bolt Set using the table below.
- 2) Assemble the selected Test Bolt in the Bolt load meter by hand ensuring that the Test Nut is located correctly in the rear of the unit and engages freely with the Test Bolt. The threads and the underside of the bolt head must always be lubricated with grease -- Statimeter recommend the use of Rocol Kilopoise 0868G.
- 3) After ensuring that there is no undue slack in the Test Bolt assembly, tighten the Test Bolt with your impact wrench, set to your pre-determined setting using the correct size of impact socket.
- 4) Note the gauge reading
- 5) Loosen the Test Bolt and re-tighten three times noting each reading to obtain an average value
- 6) Compare this average value against the desired tension value, to calibrate and monitor the performance of your wrenches



Model	Bolt Capacity		Maximum Load			Average min grip length		Approx torque range with Test Bolt			Text Bolt Hex A/F
	mm	in	kN	lbf	kgf	mm	in	Bolt size	N.m	Lbf.ft	in
00	3-6	1/8-1/4	22	5000	2250	16	5/8	5/8	7-70	5-50	5/8
0	5-11	3/16-7/16	66	15000	7000	17	11/16	7/8	15-200	10-150	7/8
1	6-16	1/4-5/8	130	30000	14000	32	1,1/4	7/8	25-400	20-300	7/8
2	13-32	1/2-1,1/4	350	80000	36000	40	1,9/16	1,1/4	70-1400	50-1000	1,1/4
3	16-32	5/8-1,1/4	500	110000	50000	41	1,5/8	1,3/8	135-2000	100-1500	2,1/4

