

Joint Simulation Rundown Assemblies

The Norbar Joint Simulation Rundown Assemblies are designed to simulate the working conditions of screwed or bolted joints. Used in conjunction with a Norbar transducer, bench stand and display instrument, the output of torque controlled power tools can be measured against a range of simulated joint rates, from hard through to soft.

- Suitable for a wide variety of power tools including pneumatic/electric screwdriver and angle wrenches with either clutch or stall torque control.
- Models available for torques from 0.2 N.m to 500 N.m (2 lbf.in to 500 lbf.ft).
- Spring washers and full instructions are provided to simulate a wide range of joint types as detailed in: BS6268:1982 , BS6544:1981, ISO5393:1981.



Joint Simulation Rundown Assemblies for Static Transducers

Part No.	Socket	Range	Bench Stand Required	A/F Size of Hex Screws - mm
	in			
50313	¼	0.2 - 2 N.m 2 - 20 lbf.in	50211	5
50251	¼	2 - 10 N.m 20 - 100 lbf.in	50211	5
50252	⅜	5 - 50 N.m 5 - 50 lbf.ft	50212	8
50253	½	10 - 100 N.m 10 - 100 lbf.ft	50213	10
50254	¾	100 - 500 N.m 100 - 500 lbf.ft	50220	19



Power Tool Test Fixture RD 5000

The RD5000 is designed for testing the output of powered torque controlled tools up to 5000 lbf.ft (6800 N.m). A suitable 1½” square drive Norbar Static Transducer, Lead and Display Instrument are also required for a complete system. For testing tools up to 1500 N.m, please order the alternative washer stack, part number 50548.2.

RD 5000 and Ancillaries

Part No.	Description
50548	135 - 6780 N.m (100 - 5000 lbf.ft) Power Tool Test Fixture
50548.1	Nut and Bolt Kit UNC
50548.4	Spring Stack 100 - 6800 N.m

