

# ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



<b>Project Description</b>	<b>Hydraulic Tool Calibration Fixture Kit</b>		
<b>Date created</b>	<b>16 June 2011</b>	<b>Project Number</b>	<b>Q2099</b>

## INTRODUCTION & APPLICATION

Hydraulic torque wrench calibration application requiring a complete calibration kit to fit to a free standing calibration bench and cater for 100 to 50,000 N.m torque range.

## SOLUTION

Calibration fixture incorporating 5,000 and 50,000 N.m transducers, a set of (18) hexagon to square adaptors, square reducing sleeve adaptors, stainless steel reaction post with four bushed locations, a 'TTT' Torque Tool Tester instrument and connecting leads.



## TECHNICAL SPECIFICATION/DATA HIGHLIGHTS

The fixture is designed to fit into a prepared aperture in the workbench top and the instrument is mounted on a workbench shelf.

The transducers are fitted into special housings with needle roller bearings and dust shields.

Special calibration steps of the 5,000 N.m transducer to 5% & 2% i.e. 250 & 100 N.m.

Other special calibration kits can be configured to customer requirements.