

# ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



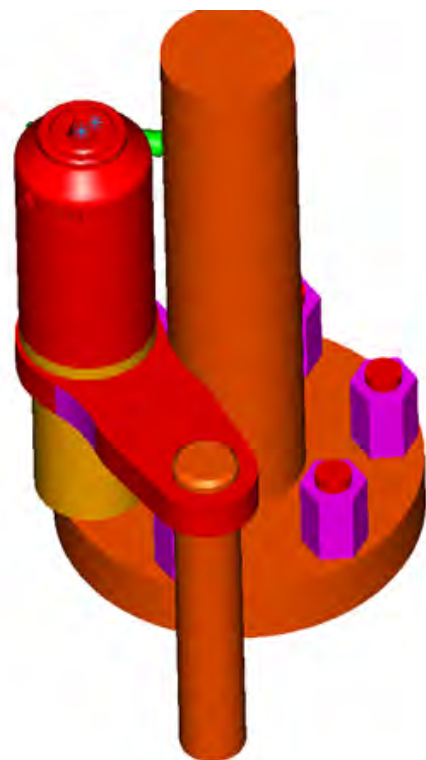
Project Description	Torque reaction to fit HT-52		
Date created	17 July 2013	Project Number	Q2506

## INTRODUCTION & APPLICATION

Caps for pressurised 0.5L – 5.0L range of titanium containers require retaining nuts tightening to 300 N.m torque. The operation is causing operator fatigue and an improved solution was sought.

## SOLUTION

Handtorque HT-52 / 22 torque multiplier fitted with a special torque reaction designed to suit 6 different container sizes and operated by a small TT20 torque wrench. Torque wrench input of just 13.63 N.m with HT-52 torque multiplication ratio of 22:1 gives the required 300 N.m output, thus significantly reducing operator effort / fatigue.



Application

## TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

HT-52/22 torque multiplier # 77381 with 3/8" female input / 3/4" male output square drives, less reaction. Common torque reaction with contoured profile suits 6 applications having difficult access.