

ENGINEER TO ORDER

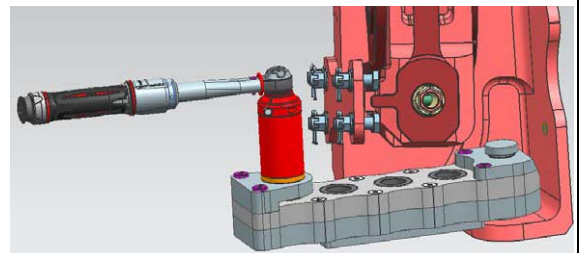
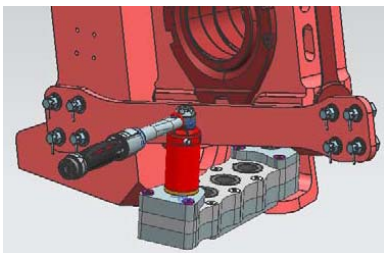
SPECIAL PROJECT INFORMATION SHEET



Project Description	Offset gearbox, HT-52 & torque wrench kit		
Date created	22 June 2016	Project Number	Q3655

INTRODUCTION & APPLICATION

Aircraft manufacturing industry requirement for titanium Pintle nut / bolt tightening to 414N.m torque, in difficult to access pockets, where a large torque wrench would not fit or be safe to use. Nut tightening reaction torque must be taken from the female hexagon in the end of the bolt, as no contact can be made with the aircraft structure.



SOLUTION

Kit comprising Model 60 P type torque wrench, HandTorque HT-52/22 torque multiplier and offset gearbox. The offset gearbox includes a spring loaded retractable 1/2" A/F male hexagon reaction.



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

5-gear offset gearbox having 274.32mm offset distance and 450 N.m maximum torque capacity.
1-3/16" female hexagon output drive, with 1:1 (*nominal*) torque ratio.
Offset gearbox 9.0 Kg weight with aluminium alloy casing. Rough location plastic skid plate on underside.