

# ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Torque Multiplier with Offset Drive for Aircraft Maintenance		
Date created	3 November 2010	Project Number	Q2015

## INTRODUCTION & APPLICATION

Aircraft maintenance application requiring a shaft driving device to operate a maintenance tool.  
Torque required 5,000 lbf.ft

## SOLUTION

Special torque multiplier with offset drive. Input and reaction to suit Pneutorque PTM-52-800-B and output bore with serrations to fit customer's pulley. Two pins on output side locate customer's tool.



## TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

Torque multiplication ratio 12:1 & velocity ratio 12.5:1  
PTM-52 @ 565 N.m input gives the required 5,000 lbf.ft (6,779 N.m) output  
Offset distance input to output 310.87mm