



- NOTES:**
- 1) Do not scale
 - 2) Remove all burrs
 - 3) Tolerances unless stated: X.X; ± 0.1 , X.XX; ± 0.05 , X.XXX; ± 0.005
 - 4) Transition point from 4mm \varnothing to 6mm cross shaft. When machining leave 1mm of full cross section before the 4mm \varnothing . Cutter size unspecified.
 - 5) Surface finish of $\sqrt{16}$ min or better on bearing parts of shaft as specified.
 - 6) Groove added to accommodate the shaft Stainless steel clamp (see TD-SU-08)
 - 7) Screw positions are alternated.

THIRD ANGLE PROJECTION DRAWING PREPARED IN ACCORDANCE TO BS308	GENERAL SURFACE FINISH: μ m CLA R _a UNLESS OTHERWISE STATED	HEAT & SURFACE TREATMENT	DIMENSIONS: mm
MATERIAL Titanium-ASTMB348-GR2			
TITLE MICE TARGET-Target Shaft			
ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HEREOF ARE RESERVED BY SHEFFIELD UNIVERSITY AND NO PERMISSION IS GRANTED TO REPRODUCE THIS PRINT IN WHOLE OR IN PART, OR TO DISCLOSE ANY OF THE INFORMATION UNLESS IT IS TO OTHERS.			
ISSUE	DATE	INITIALS	NOTES
C	26/02/08	MM	Stop and blade details changed
B	13/11/07	MM	Vane slot added and geometry modified
A	5/11/07	MM	Groove details changed
	26/04/06		INITIAL ISSUE (SEE DX UNI REF)
CHK			
APP.			
SCALE: 3:4	DATE: 5/11/07	UNIVERSITY OF SHEFFIELD DEPARTMENT OF PHYSICS & ASTRONOMY SHEFFIELD S3 7RH Tel: 0114-2223543	
DRAWN: M. MOHAMMAD		DX UNI REF: TGT-P101-R1	DRAWING NUMBER TD-SU-05
A4			