



**MATERIAL ABBREVIATIONS:**  
 ALU = ALUMINIUM  
 BRS = BRASS  
 BRZ = BRONZE OR GUNMETAL  
 CU = COPPER  
 MS = MILD STEEL/BRIGHTMILD STEEL  
 S/S = SILVER STEEL OR STAINLESS STEEL  
 SPS = SPRING STEEL  
 SYN = SYNTHETIC MATERIAL SUCH AS VETON, NYLON, TEFLON OR RUBBER

**OTHER ABBREVIATIONS**  
 LPF = LIGHT PRESS FIT  
 PF = PRESS FIT  
 PCD = PITCH CIRCLE DIAMETER  
 RM = REAM  
 HEX = HEXACON, 6SIDED  
 CP = COMPRESSED  
 SA-xxx = SUB ASSEMBLY-xxx

**NOTES:**  
 1. ALL ENGINEERING PRACTICES SHALL BE APPLIED WITH REGARDS TO HOLE AND SHAFT TOLERANCES.  
 2. WHERE SCREWS OR BOLTS ARE USED THE CLEARANCE HOLES SHALL BE APPROXIMATELY 5% TO 8% LARGER THAN THE MATCHING TAPPED HOLE.  
 3. PREFERABLY ALL TAPPED HOLES AND MATCHING SCREWS AND/OR BOLTS TO BE METRIC FINE (MF)  
 4. MATERIALS SPECIFIED ON THE DRAWINGS ARE INDICATIVE ONLY. THE BUILDER CAN MAKE HIS/HER OWN MATERIAL CHOICE.

FOR ALL OTHER DIMENSION DETAILS REFER TO PART 14

NOTES: FOR MORE INFORMATION GO TO: <http://www.steamengine.com.au/index.php/stirling/models/91-a-low-temperature-stirling-engine-by-penn-clover>

TITLE  
**STIRLING ENGINE BY PENN CLOWER**

DRAWING CONTENTS  
**PARTS AND ASSEMBLIES**

PROJECT No 05A-09-00  
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PROJECTION	<b>JDWDS</b>	MODEL SCALE: 1:1
DATE	MAY-2015	DWG SCALE: 1:1 @A3 OR AS SHOWN
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		<b>A3 No: STENPC-02</b>