

QTY.	PART NUMBER
1	01-DISPLACER CYLINDER
1	02-COOLING FIN CYLINDER
1	03-MAIN CYLINDER
1	04-STAND COLLOR
1	05-BASE STAND
1	06-GEAR HOLDING BRACKET
1	07-GEAR HOUSING
1	08-GEAR WHEEL
1	08-GEAR WHEEL
4	09-BEARING
1	10-DISPLACER
1	11-PISTON
1	12-PISTON CRANK END
1	13-DISPLACER CRANK END
2	14-CON ROD-1
2	15-CON ROD-2
1	16-FLYWHEEL
6	M5x30 P-HEAD A-KEY
2	M8x35 P-HEAD A-KEY
2	M8x50 P-HEAD A-KEY

NOTE: THIS ENGINE WAS DESIGNED AND BUILT BY Mr H. LEIJTEN (BERKEL ENSCHOT) REFER NVM DE MODELBOUWER No10 2002 PAGE 576

TITLE	HOT AIR ENGINE (STIRLING ENGINE) WITH A ROMBISCH CRANK ARRANGEMENT	
A3	GENERAL LAYOUT	

ISSUED FOR CONSTRUCTION	DEC 2010
DESCRIPTION	DATE

JDW DRAUGHTING SERVICES
 12 BRIGHTWELL STREET
 PAKAKURA NEW ZEALAND
 TEL/FAX 0064-09-2988815
 E-MAIL:dewaal@xtra.co.nz

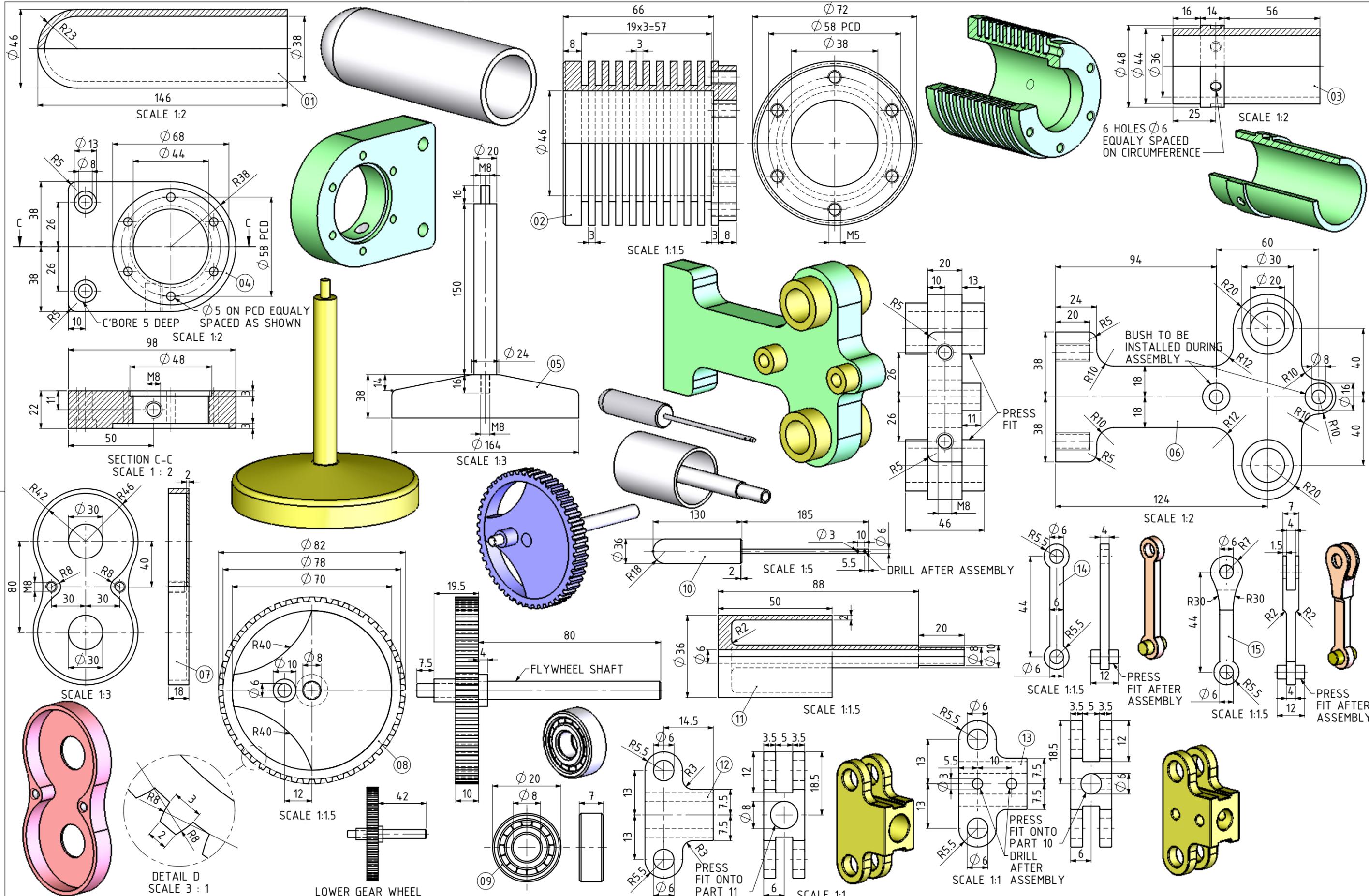
DRAWN BY
 J.A.M. DE WAAL
 DATE
 OCTOBER 2006

PROJECT No:	01-04-06-01-00
DRAWING NUMBER	HAE-01
SHEET	1
SCALE	N.T.S @A3 or AS SHOWN
SHT OF SHT	1 OF 3
REV	A

IF NOT STATED ALL CHAMFERS AND FILLETS 0.1mm

DO NOT SCALE OF DRAWING

REMOVE ALL BURS AND SHARP EDGES

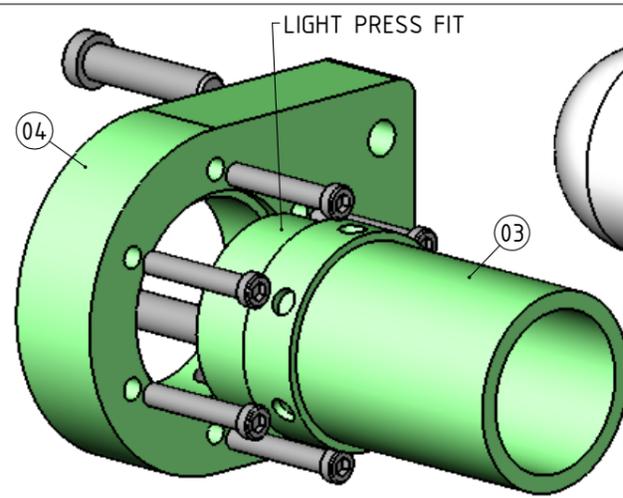
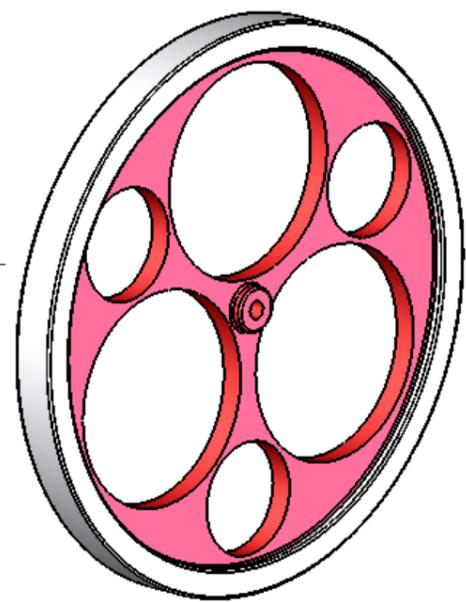
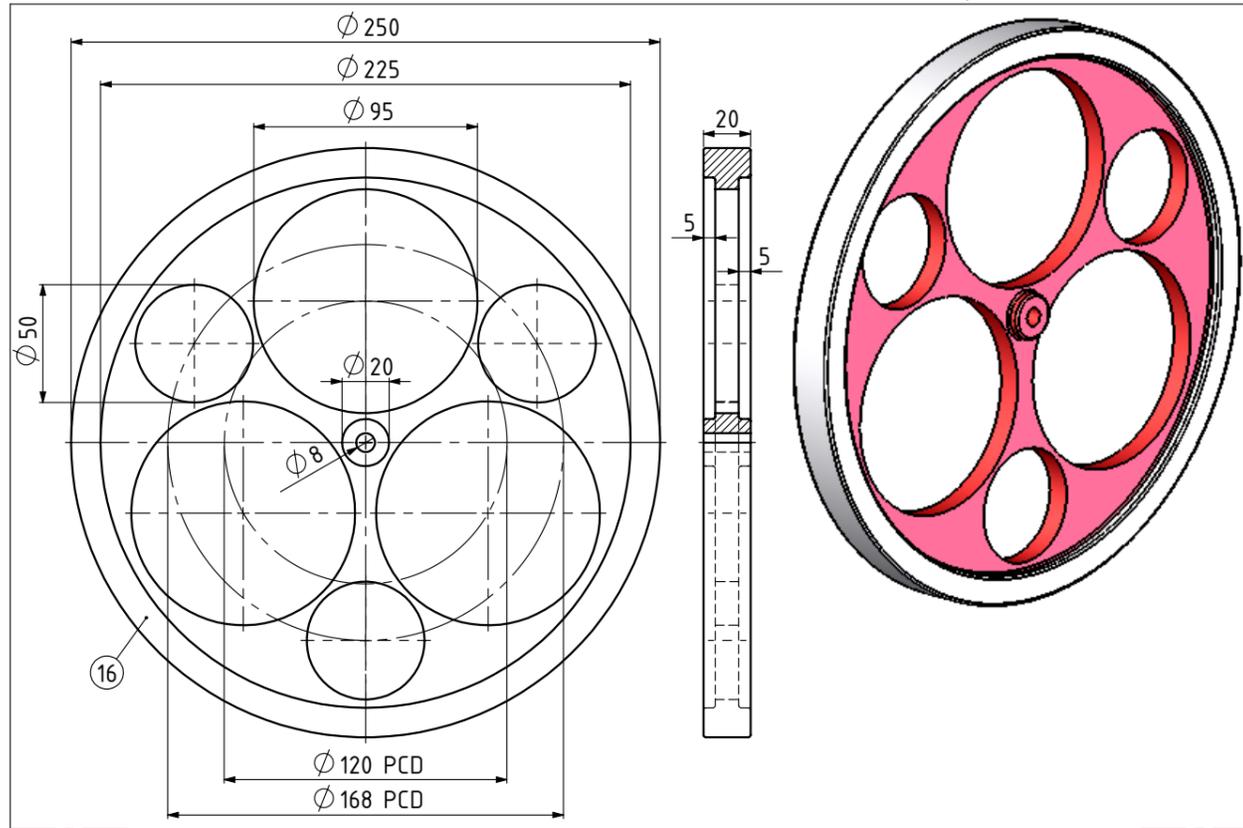


NOTE: THIS ENGINE WAS DESIGNED AND BUILT BY Mr. H. LEIJTEN (BERKEL ENSCHOT) REFER NVM DE MODELBOUWER No10 2002 PAGE 576

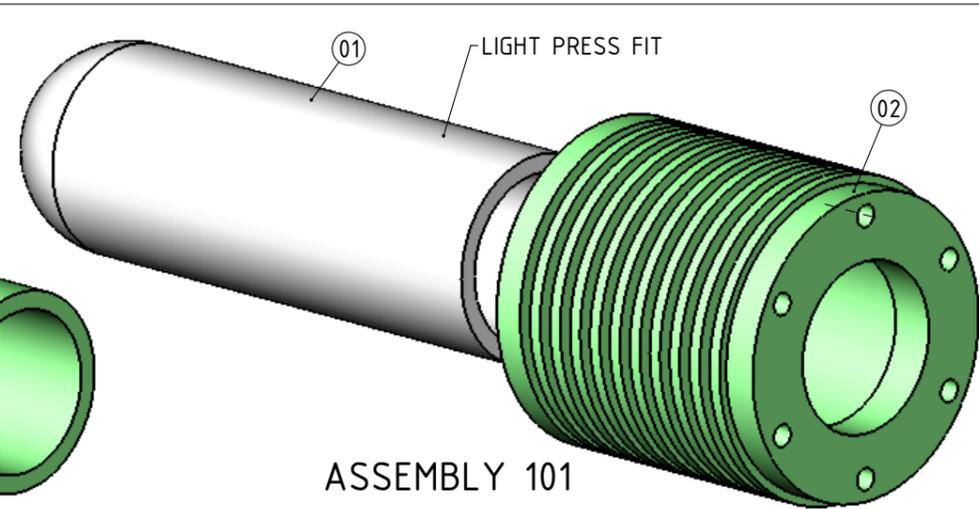
TITLE	HOT AIR ENGINE (STIRLING ENGINE) WITH A ROMBISCH CRANK ARRANGEMENT	
A3	PARTS	

ISSUED FOR CONSTRUCTION	DEC 2010
DESCRIPTION	DATE

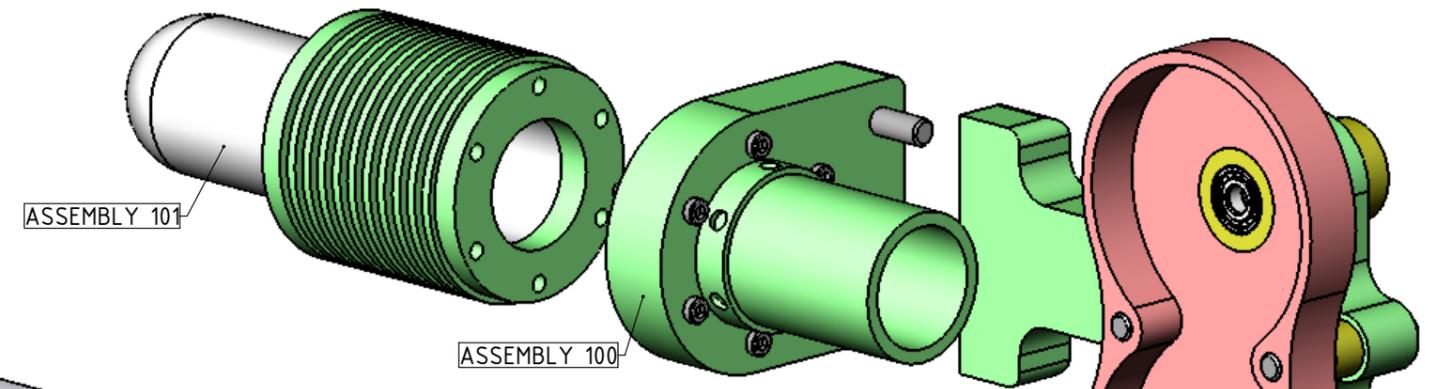
PROJECT No:	01-04-06-01-00
DRAWN BY	J.A.M. DE WAAL
PROJECTION	
DRAWING NUMBER	HAE-02
SHEET	2
DATE	OCTOBER 2006
SCALE	N.T.S @A3 or AS SHOWN
SHT OF SHT	2 OF 3
REV	A



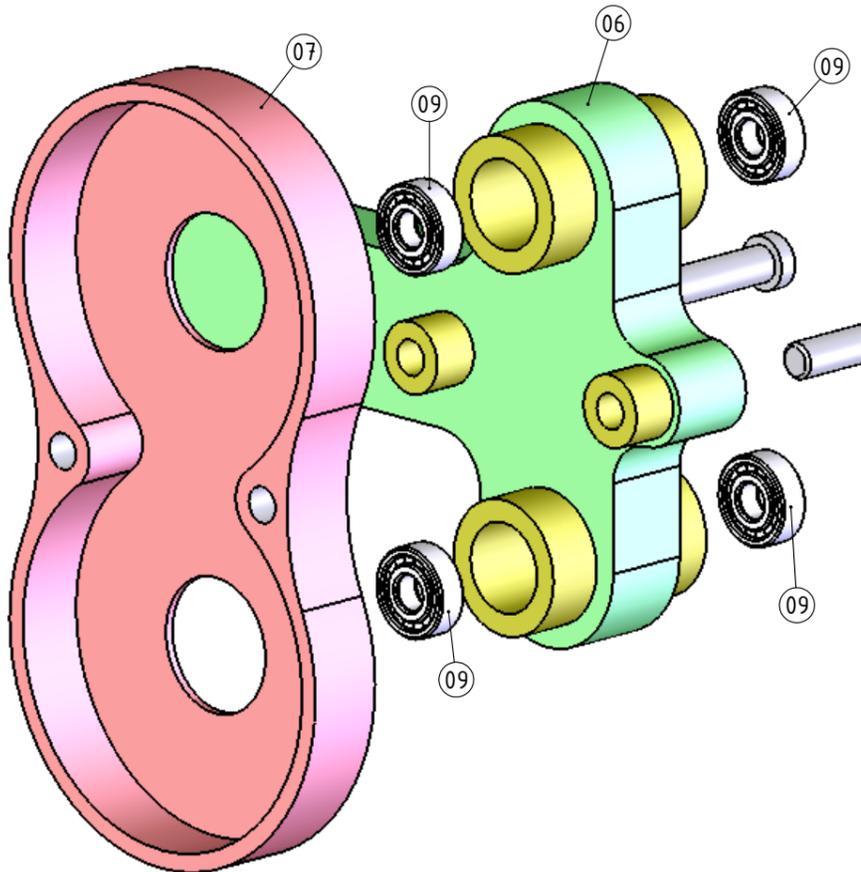
ASSEMBLY 100



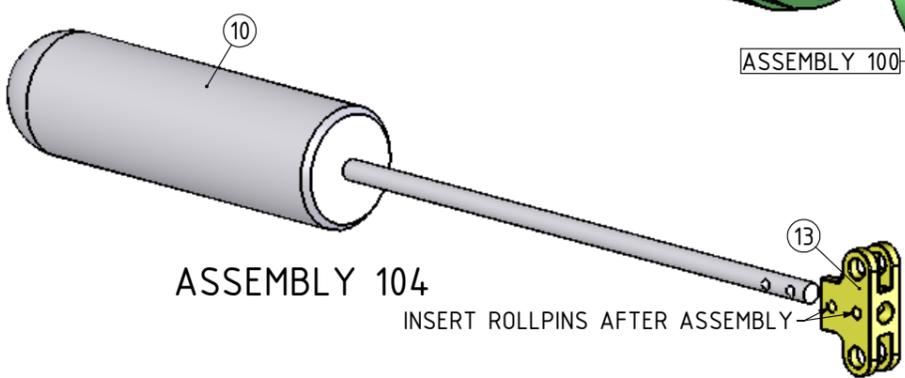
ASSEMBLY 101



ASSEMBLY 102

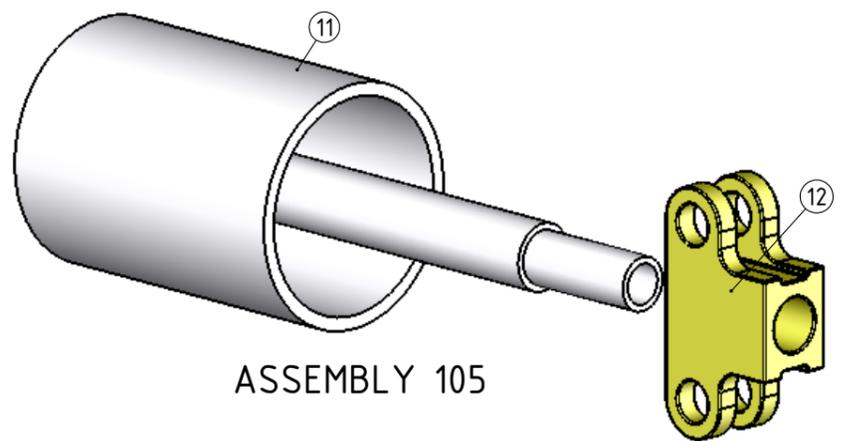


ASSEMBLY 102

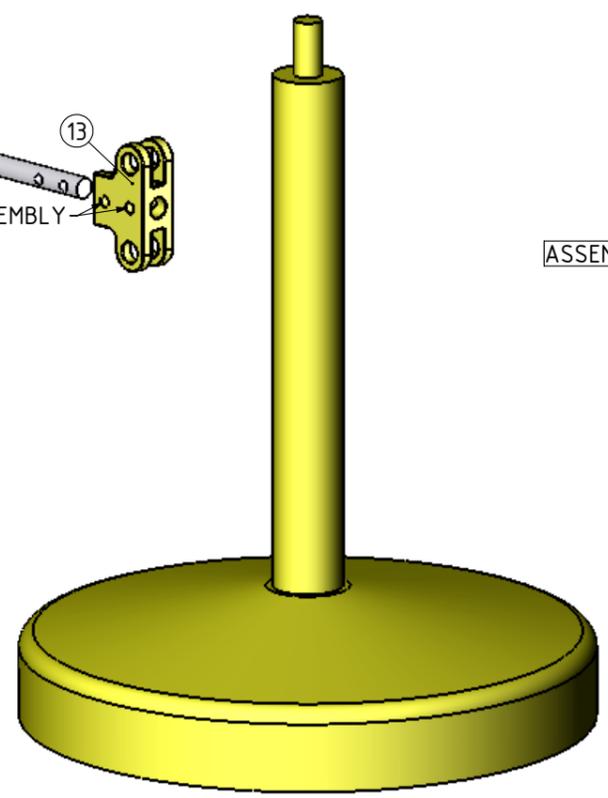


ASSEMBLY 104

INSERT ROLLPINS AFTER ASSEMBLY



ASSEMBLY 105



ASSEMBLY 103

NOTE: THIS ENGINE WAS DESIGNED AND BUILT BY Mr H. LEIJTEN (BERKEL ENSCHOT) REFER NVM DE MODELBOUWER No10 2002 PAGE 576

TITLE
HOT AIR ENGINE (STIRLING ENGINE) WITH A ROMBISCH CRANK ARRANGEMENT
A3 PARTS AND ISOMETRIC EXPLODED VIEWS

REV	DESCRIPTION	DATE
A	ISSUED FOR CONSTRUCTION	DEC 2010

JDW DRAUGHTING SERVICES
12 BRIGHTWELL STREET
PAKAPURA NEW ZEALAND
TEL/FAX 0064-09-2988815
E-MAIL:dewaal@xtra.co.nz

DRAWN BY
J.A.M. DE WAAL
DATE
OCTOBER 2006

PROJECT No:	01-04-06-01-00
DRAWING NUMBER	HAE-03
SHEET	3
SCALE	N.T.S @A3 or AS SHOWN
SHT OF SHT	3 OF 3
REV	A