

REV	DATE	CHANGE DESCRIPTION	MOD.BY	CK1	CK2
B	02/12/2010	CHANGED TO 1011 WOODRUFF KEY	ZS	RJH	JM

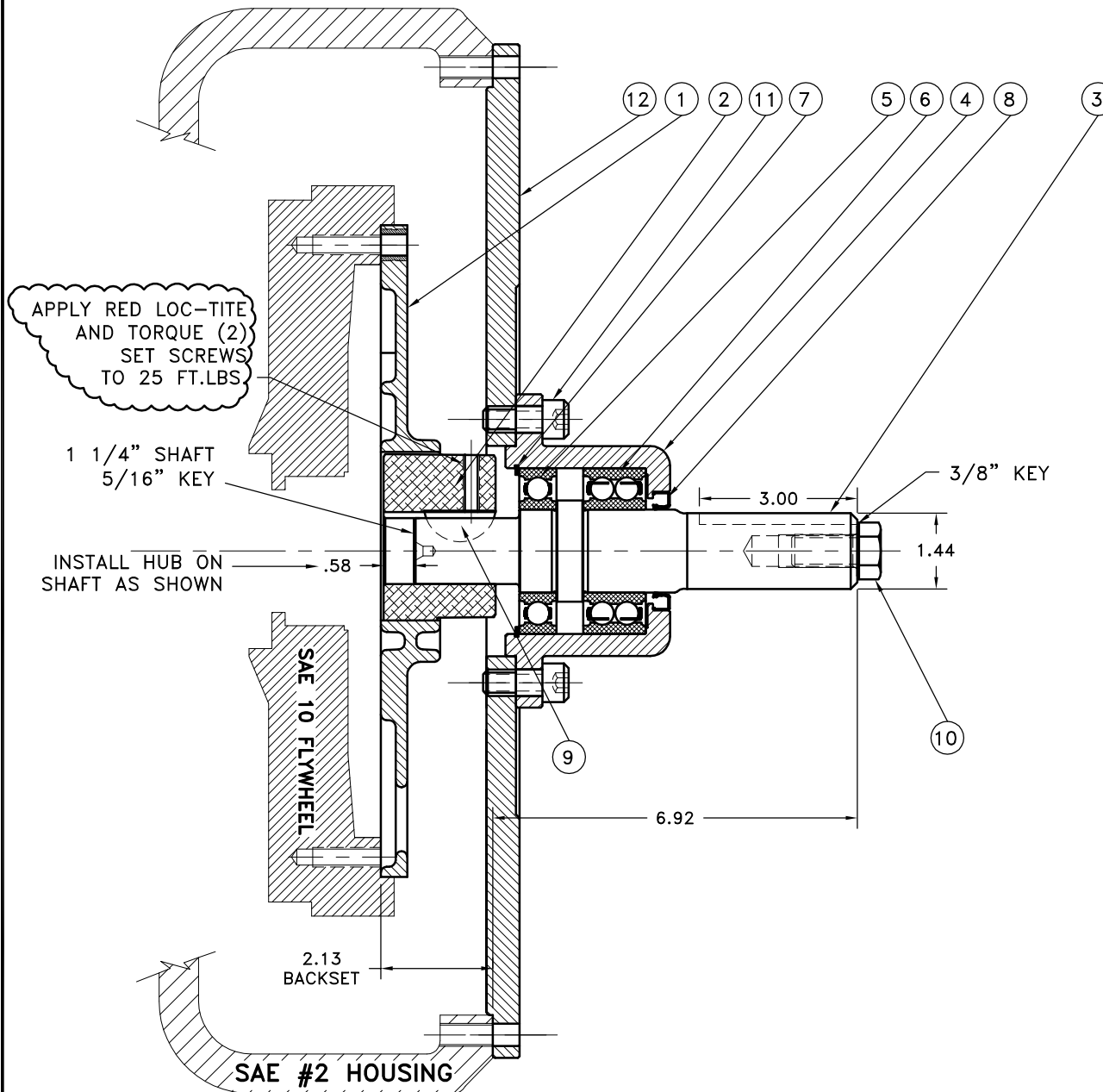
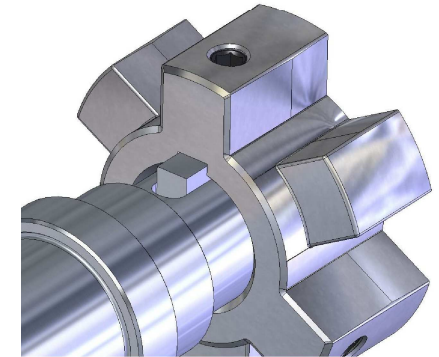
#### NOTES:

- WARNING!!!** INJURY OR DEATH FROM A ROTATING STUB SHAFT CAN OCCUR IF A CONDITION EXISTS WHICH WOULD CAUSE THE SHAFT TO BREAK OR COME APART FROM ANY PART OF THE ASSEMBLY. DEPENDING UPON THE APPLICATION (FOR EXAMPLE, FAN, PULLEY, SHEAVE, ETC.), THE AREA AROUND THE STUB SHAFT MUST BE SUFFICIENTLY GUARDED SO THAT IN THE EVENT OF FAILURE, THE GUARD WILL CONTAIN ANY AIRBORNE PARTS.

#### ASSEMBLY NOTE:

**MUST USE DOUBLE SEALED BEARINGS.**

#### HUB/SHAFT ORIENTATION



143-S  
C-010-HC4-43

12	123008-C04	PUMP MOUNT PLATE [2\B4BOLT]	1
11	740000	1/2-13 SHCS	4
10	PURCHASE	5/8-18 x 1 1/4" HHB	1
9	23-1011	5/16" x 1 3/8" WOODRUFF KEY	1
8	CRW1R15830	SEAL	1
7	RR-314	SPIROLOX RETAINING RING	1
6	5208-2RS	DOUBLE BEARING	1
5	6208-2RS	BEARING	1
4	128498	BEARING HOUSING	1
3	143000-01	STUB SHAFT [3"]	1
2	HC4-43	HEX~FLX HUB	1
1	C-010	HEX~FLX DRIVE PLATE	1

SYMBOLS	DET.	PART NUMBER	DESCRIPTION	QTY.
FLATNESS STRAIGHTNESS ANGULARITY PERPENDICULARITY PARALLELISM CONCENTRICITY TRUE POSITION ROUNDNESS CIRCULAR RUN OUT TOTAL RUN OUT CYLINDRICITY FINISH	DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED 125 MAXIMUM ANGLE ±1/2" FRACTION ±1/32 DECIMAL .00 ±.01 .000 ±.005 .0000 ±.0005	MAKE: <input type="checkbox"/> BUY: <input type="checkbox"/>	<b>HAYES</b> MANUFACTURING INC. ® <b>TITLE</b> BEARING SUPPORTED STUB SHAFT ASS'Y <b>MATERIAL</b>	DRAWN BY SIETING DATE 10-14-05 CHECKED BY RJH SCALE DRAWING NO. <b>143-010-02-S</b> SHEET OF REV.

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