

REV	DATE	CHANGE DESCRIPTION	MOD. BY	CK1	CK2

**HAYES HEX~FLX ASSEMBLY NOTE:**  
**METAL HUB SHOULD BE FULLY ENGAGED INTO NYLON DRIVE PLATE.**

P/N 123845-09  
 SAE #4 HOUSING MOUNT  
 (12) 27/64 DRILL THRU  
 EQUALLY SPACED ON 15.000 B.C.  
 SAE "C" PUMP MOUNT 5.000 PILOT  
 (2) 5/8-11 TAPPED HOLES  
 EQ. SPACED ON 7.125 B.C.  
 (4) 1/2-13 TAPPED HOLES  
 EQ. SPACED ON 6.375 B.C.

**(2) 3/8" SET SCREWS  
 TORQUE BOTH TO 20 FT. LBS  
 USING TORQUE WRENCH AT  
 FINAL INSTALLATION**

C-010  
 S.A.E. 10 FIBERGLASS REINFORCED  
 NYLON DRIVE PLATE  
 (8) .416 HOLES EQ.  
 SPACED ON A 11.625 B.C.  
 "C" SERIES DRIVE

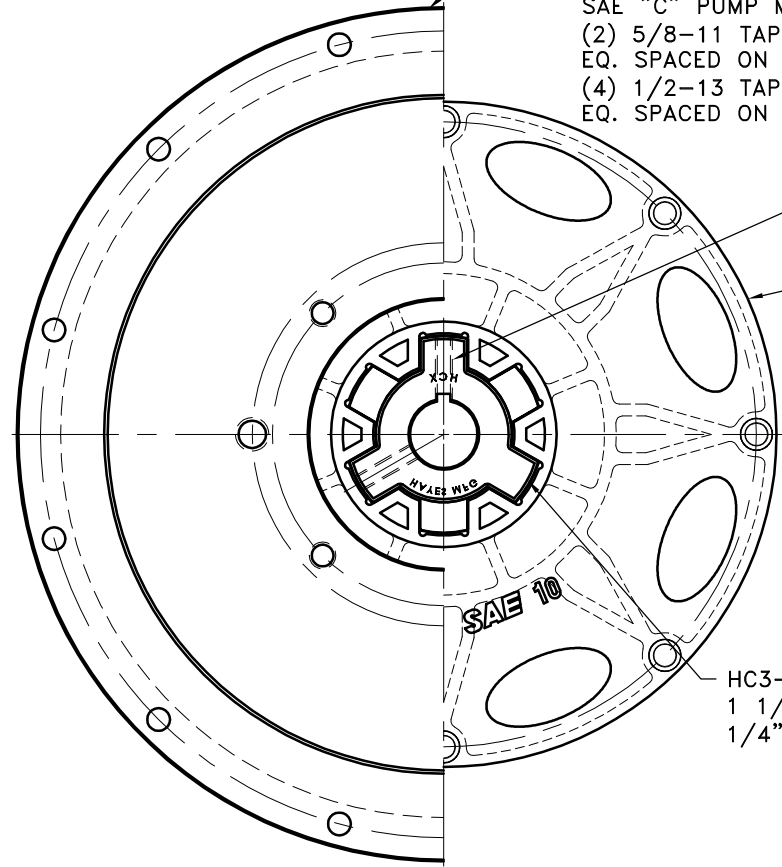
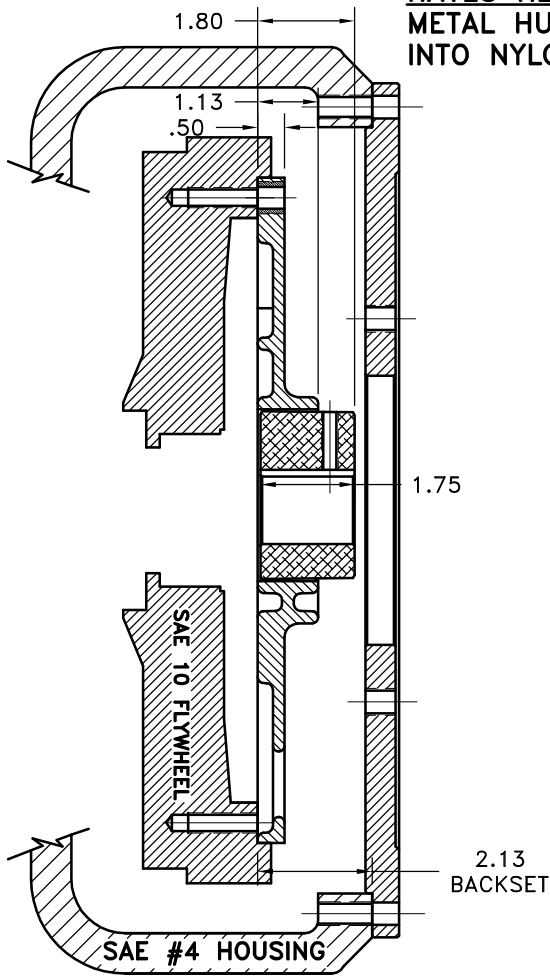
**IMPORTANT INSTALLATION  
 NOTE!!!!**

IMPROPER INSTALLATION OF HUB COULD CAUSE  
 PREMATURE WEAR AND OR FAILURE.

IF YOU HAVE QUESTIONS CONCERNING LOCATION  
 OF METAL HUB ON PUMP SHAFT PLEASE CONTACT  
 DISTRIBUTOR OR FACTORY FOR FURTHER  
 INFORMATION.

**BOTH HUB SET SCREWS MUST BE PROPERLY  
 TORQUED TO 25 FT.LBS. USING TORQUE WRENCH .  
 PLEASE CONTACT DISTRIBUTOR OR FACTORY FOR  
 ANY FURTHER QUESTIONS.**

**C SERIES TORQUE RANGE  
 65-175 HP**



HC3-15  
 1 1/4" SHAFT  
 1/4" KEY

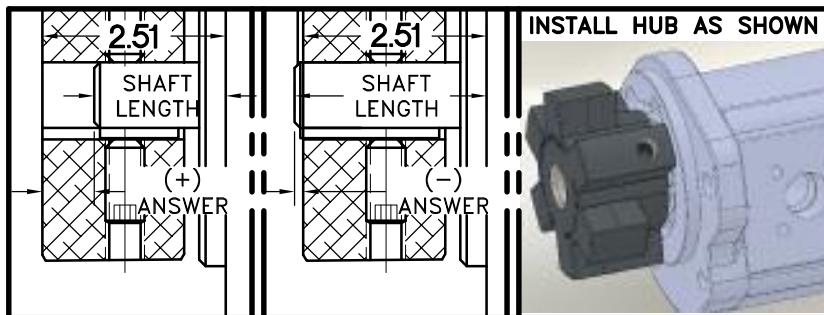
**NOTE: THIS STEP IS IMPORTANT TO  
 ENSURE FULL SHAFT ENGAGEMENT.**

NOTE: REMOVE HUB FROM ASS'Y, PRESET HUB ON SHAFT  
 AS SHOWN. **TORQUE BOTH SET SCREWS TO 25 FT.LBS.  
 USING TORQUE WRENCH.** SHAFT SHOULD HAVE A  
 MINIMUM OF 3/4" OF ENGAGEMENT IF NOT CONTACT  
 FACTORY FOR RECOMMENDATIONS (231) 879-3372 TO  
 GET HUB PRESET USE THIS EQUATION:

**PERFORM CALCULATION BELOW:**

**2.51 - SHAFT LENGTH = HUB PRESET**

IF YOUR ANSWER IS (+) SHAFT IS INSIDE OF HUB, IF  
 YOUR ANSWER IS (-) SHAFT STICKS OUT OF HUB.  
 (SEE BOXES)



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REV	PART NUMBER	DESCRIPTION	QTY.
3	123845-09	PUMP MOUNT PLTE	1
2	HC3-15	C SERIES HEX~FLX HUB	1
1	C-010	SAE 10 HEX~FLX DRIVE PLATE	1

SYMBOLS		DET.		PART NUMBER		DESCRIPTION		QTY.
—	FLATNESS	DO NOT SCALE						
—	STRAIGHTNESS	DRAWING						
—	ANGULARITY	TOLERANCES UNLESS OTHERWISE SPECIFIED						
—	PERPENDICULARITY	— UNLESS OTHERWISE SPECIFIED —						
—	PARALLELISM	REMOVE FIRST THREAD ON ALL TAPPED HOLES						
—	CONCENTRICITY	BREAK ALL SHARP CORNERS .010 TO .020 STAMP OR MARK DRAWING NO.						
—	TRUE POSITION	— UNLESS OTHERWISE SPECIFIED —						
—	ROUNDNESS	ANGLE ±1/2° FRACTION ±1/32						
—	CIRCULAR RUN OUT	DECIMAL						
—	TOTAL RUN OUT	.00 ±.01						
—	CYLINDRICITY	.000 ±.005						
—	FINISH	.0000 ±.0005						

**HAYES**  
 MANUFACTURING INC. ®

TITLE		DATE		DRAWING NO.	
HEX~FLX "C" SERIES 2 PIECE COUPLING		04-15-08		C-010-HC3-15-EX24	
MATERIAL		SCALE		SHEET OF REV.	
		DRAWN BY		CHECKED BY	
		RJH		RJH	