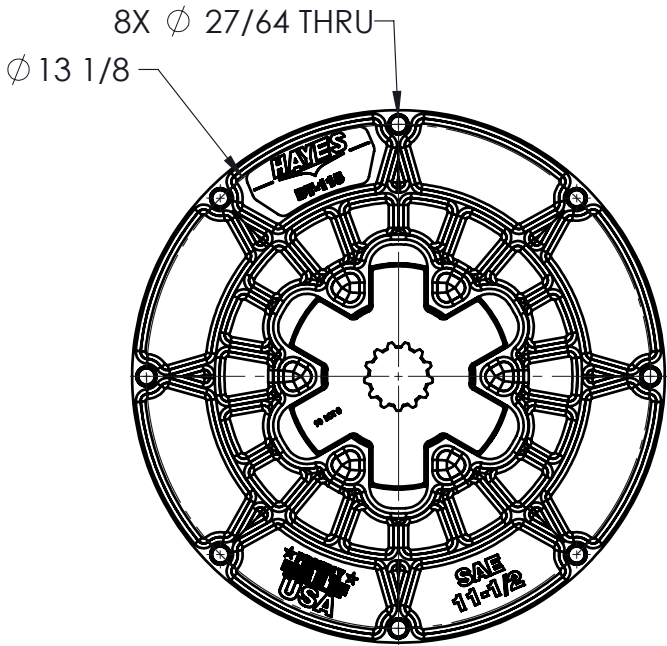



CUSTOMER DRAWING

REVISIONS					
ZONE	REV.	DESCRIPTION	DATE	APR 1	APR 2



SEE PUMP DRIVE TABLE

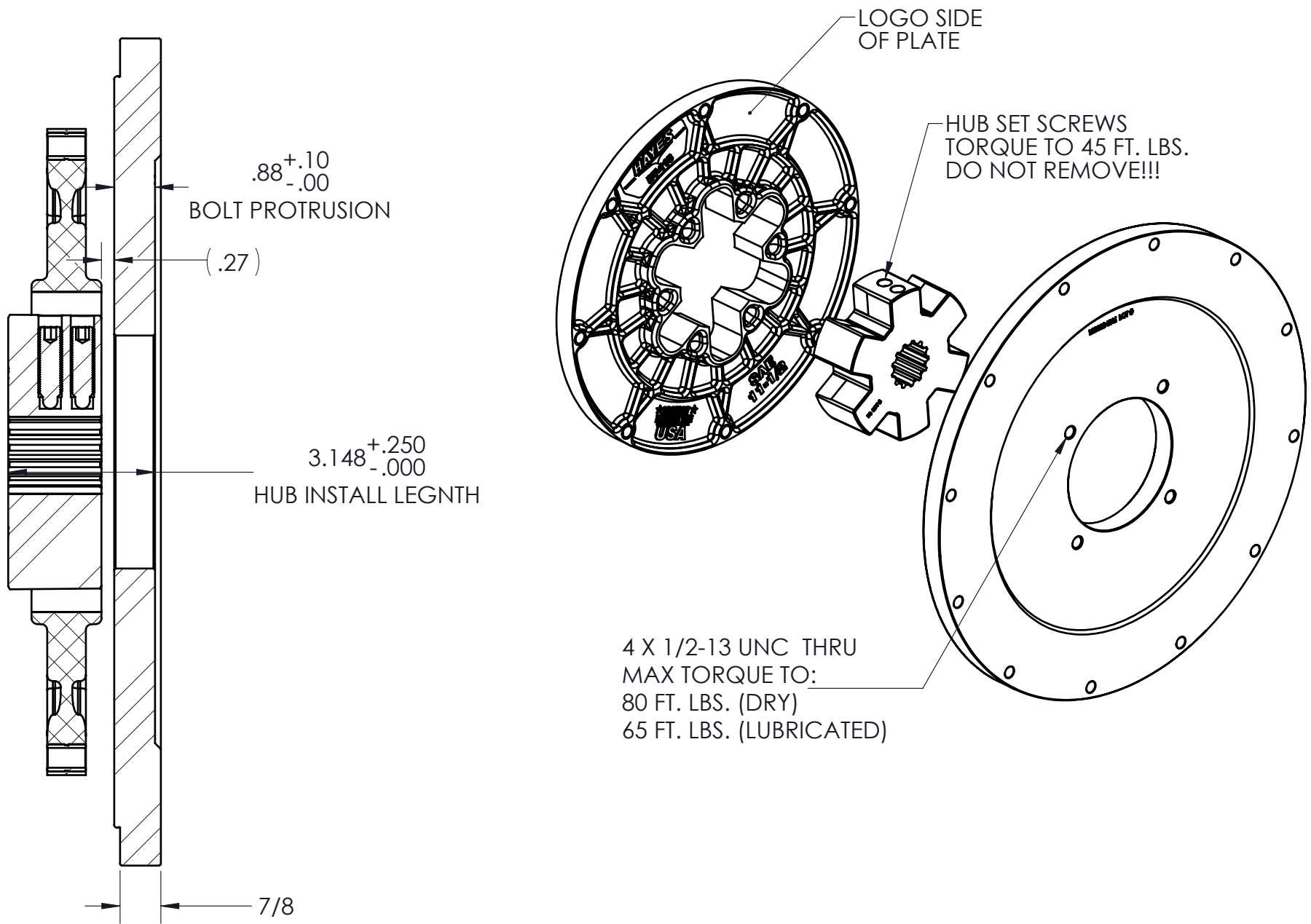
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DT-115-QA	DRIVE PLATE	1
2	HDT2-90	HEX-FLX HUB	1
3	123008-KX4	PUMP MOUNT PLATE	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/32 ANGULAR: MACH ± 1/2° TWO DECIMAL ±.01 THREE DECIMAL ±.005 FOUR DECIMAL ±.0005		SYMBOLS <div>⏏ FLATNESS    Ⓢ CONCENTRICITY    ⏏ COUNTERBORE Ⓞ ROUNDNESS    Ⓢ TRUE POSITION    ⏏ COUNTERSINK // PARALLELISM    ⊥ PERPENDICULARITY    ∇ HOLE DEPTH ⌀ DIAMETER    ↻ CIRCULAR RUN OUT    ≡ SYMMETRIC "R" RADIUS    ↗ TOTAL RUN OUT</div>		NAME DATE		<div></div> <div>TITLE: HEX~FLX COUPLING WITH PUMP MOUNT KIT</div> <div>DWG. NO. DT-115-HDT2-90-KX4</div> <div>REV</div>
CLASS SAE 11.5  DESCRIPTION 11-1/2,3,13T8/16,C4		DRAWN SIETING		06/15/22		
		PCM APPR.				
		ENG APPR.				
		SHIP. APPR.				
MAKE X BUY		QA APPR.				
		MATERIAL				
		HEAT TREAT				
WEIGHT 71.0 LB		FINISH				
VOLUME CU.IN.						
				DO NOT SCALE	SHEET 1 OF 4	

PUMP DRIVE SPECS	
FLYWHEEL	SAE 11.5
HOUSING	SAE 3
PUMP FLANGE	SAE C 4-BOLT
PUMP SHAFT	13T 8/16 "D-E"
MAX TORQUE	3300 FT.LBS (MAX)

INSTALLATION DRAWING

REVISIONS					
ZONE	REV.	DESCRIPTION	DATE	APR 1	APR 2
-	-	SEE CUSTOMER	-	-	-



INSTALLATION INSTRUCTIONS

- INSTALL HEX-FLX DRIVE PLATE TO FLYWHEEL USING PROPER INSTALLATION ORIENTATION. (SEE DIAGRAMS)
- FLYWHEEL MOUNT**
- HAYES MANUFACTURING RECOMMENDS THE USE OF GRADE 8/CLASS 10.9 FASTENERS, NO WASHERS, AND CHOICE OF RED OR BLUE THREAD LOCKER. TORQUE BOLTS TO ENGINE MFG. SPECS OR STANDARD TORQUE FOR GRADE/CLASS AND SIZE OF THREAD.
  - IF HEX-FLX HUB FITS THROUGH PUMP PILOT OF MOUNTING PLATE, THEN INSTALL PUMP MOUNT PLATE TO ENGINE. OTHERWISE MOUNT PUMP TO PLATE THEN LOCATE HUB BEFORE INSTALLING ON THE ENGINE. BE SURE MOUNTING SURFACES ARE CLEAN AND FREE OF PAINT AND DIRT.

HOUSING MOUNT

- HAYES MANUFACTURING RECOMMENDS THE USE OF GRADE 5/CLASS 8.8 OR BETTER FASTENER. USE YOUR CHOICE OF WASHERS AND/OR THREAD LOCKER. TORQUE TO ENGINE MFG RECOMMENDATIONS OR USE STANDARD TORQUE FOR GRADE/CLASS AND SIZE OF BOLT.
- BE SURE PUMP SHAFT IS CLEAN AND FREE OF GREASE OR OIL
- INSTALL HUB ONTO PUMP SHAFT USING PROPER ORIENTATION. (SEE DIAGRAMS)
- HUB LOCATION IS IMPORTANT TO ENSURE PROPER ASSEMBLY.
- WHILE MAINTAINING PROPER HUB LOCATION, TORQUE SET SCREWS TO 45 FT.LBS. BE SURE THAT BOTH SET SCREWS ARE OVER THE PUMP SHAFT OR DAMAGE WILL OCCUR TO THE HUB.

PUMP MOUNTING

HAYES MANUFACTURING RECOMMENDS THE USE OF GRADE 5/CLASS 8.8 OR BETTER FASTENER. USE YOUR CHOICE OF WASHERS AND/OR THREAD LOCKER. TORQUE TO ENGINE MFG RECOMMENDATIONS OR USE STANDARD TORQUE FOR GRADE/CLASS AND SIZE OF BOLT.

BOLTS MUST NOT PROTRUDE THRU PUMP MOUNT PLATE OR DAMAGE MAY OCCUR!

WARNINGS!!!

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

IF YOU HAVE QUESTIONS CONCERNING LOCATION OF METAL HUB ON PUMP SHAFT OR ANY INSTALLATION PROCEDURES, PLEASE CONTACT DISTRIBUTOR OR HAYES MANUFACTURING FOR FURTHER INFORMATION.

PROPRIETARY AND CONFIDENTIAL  
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CLASS SAE 11.5		DRAWN	SIETING	06/15/22	
DESCRIPTION 11-1/2,3,13T8/16,C4		PCM APPR.			
MAKE X		ENG APPR.			
WEIGHT 71.0 LB		SHIP. APPR.			
BUY		QA APPR.			
VOLUME CU.IN.		MATERIAL			
		HEAT TREAT			
		FINISH			
TITLE: HEX~FLX COUPLING WITH PUMP MOUNT KIT				DWG. NO. DT-115-HDT2-90-KX4	REV
				DO NOT SCALE	SHEET 2 OF 4