



- E9 & E9S Encoder Mounting Procedure:**
1. Place the Base Plate of encoder onto the motor rear end plate.
  2. Install Centering Tool on motor shaft to center the Base Plate with respect to the shaft.
  3. Install hardware supplied and tighten to secure the Base Plate. Remove Centering Tool.
  4. Position and mount the Encoder Housing onto the Base Plate with its 3x1 20° bayonet snaps in their corresponding slots on the Base Plate. Slide the Gapping Shim between the Base Plate and the Encoder from the side opposite the connector.
  5. Place the hex wrench into the codewheel set screw. Tighten the set screw while pushing the codewheel down toward the gapping shim with the wrench.
  6. Remove the Gapping Shim, push down and twist the Encoder 30° clockwise to lock it in place.

Tolerancing Complies With ANSI/ASME Y14.5M-1986  THIS DRAWING HAS BEEN CREATED BY CAD/CAM. DO NOT MANUALLY REVISE OR UPDATE.				<b>API Harowe</b> WEST CHESTER, PA. 19382				
TOLERANCES UNLESS SPECIFIED				PROPRIETARY RIGHTS OF HAROWE SERVO CONTROLS ARE INCLUDED IN THE INFORMATION DISCLOSED HEREIN. DO NOT DUPLICATE OR DISCLOSE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF HAROWE SERVO.				
DECIMAL	.XXX	±.005	DECIMAL	.XX	±.010	DECIMAL	.X	±.030
FRACTION		±1/64	ANGLE		±0°30'	NEXT ASSY N/A		
CHECKED	A. LEUNG			USED ON			N/A	
ENGR	A. LEUNG 5/21/99			FINISH			N/A	
APPROV	D. BARNETT 5/21/99			MATERIAL N/A				
CODE IDENT NO.	D. BARNETT 5/21/99			<b>ENCODER MOUNTING PROCEDURE</b> <b>FOR E9 &amp; E9S</b>				
CHG	REVISIONS	DATE	APPR.	CHG	REVISIONS	DATE	APPR.	SCALE
A	ECO #15996	5/99	DB	1:1	DWG. NO.	DCUS-004	A	
CHG	REVISIONS	DATE	APPR.	CHG	REVISIONS	DATE	APPR.	