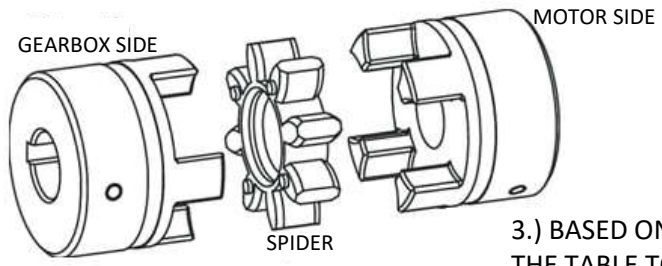


TS-103-A

**DRIVE INSTRUCTIONS – JAW
TYPE COUPLING INSTALLATION**



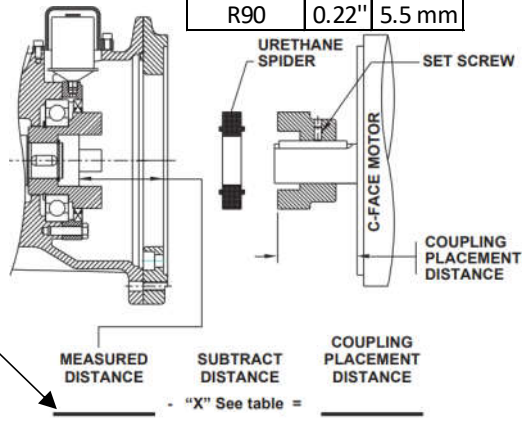
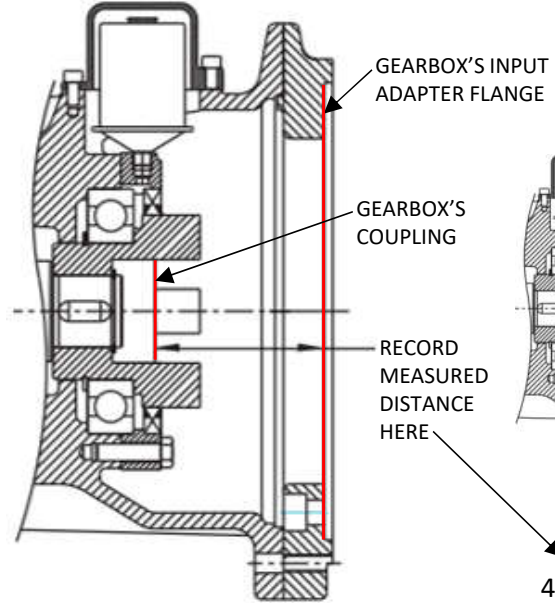
1.) THE COUPLING ON THE GEARBOX IS ALREADY IN PLACE. USING A COMBINATION SQUARE, MEASURE THE DISTANCE FROM THE GEARBOX'S INPUT ADAPTER FLANGE TO THE LOWER SURFACE OF THE COUPLING, AS SHOWN. ENSURE THE COMBINATION SQUARE'S ANVIL IS SITTING FLAT ON THE GEARBOX'S MOTOR FLANGE.

3.) BASED ON THE COUPLING SIZE, USE THE TABLE TO SELECT THE APPROPRIATE SUBTRACT DISTANCE "X". SUBTRACT THIS VALUE FROM THE MEASURED DISTANCE FROM STEP 1 TO GET THE COUPLING PLACEMENT DISTANCE.

5.) TIGHTEN THE SET SCREW(S) TO THE APPROPRIATE VALUE FROM THE TABLE BELOW. PLACE THE SPIDER INSERT INTO THE MOTOR'S COUPLING.

Coupling Size	Subtract Distance "X"
R14	0.06" 1.5 mm
R19 & R24	0.08" 2.0 mm
R28	0.10" 2.5 mm
R38 & R42	0.12" 3.0 mm
R48	0.14" 3.5 mm
R55	0.16" 4.0 mm
R65	0.18" 4.5 mm
R75	0.2" 5.0 mm
R90	0.22" 5.5 mm

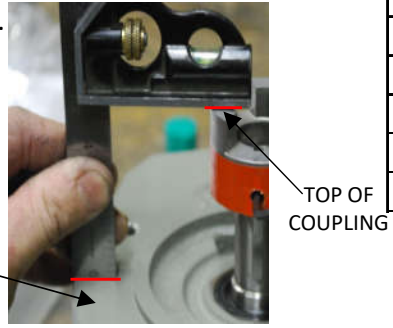
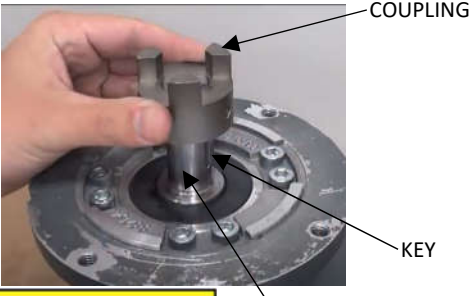
Coupling Size	Set Screw Size	Torque
R14	M4	13 in.-lb.
R19 & R24	M5	18 in.-lb.
R28	M8	89 in.-lb.
R38 & R42	M8	89 in.-lb.
R48	M8	89 in.-lb.
R55; R65; R75	M10	13 ft.-lb.
R90	M12	30 ft.-lb.



2.) PLACE THE OTHER COUPLING ONTO THE MOTOR'S SHAFT WITH THE KEY IN THE KEYWAY.

4.) SET THE COMBINATION SQUARE TO THE CALCULATED VALUE COUPLING PLACEMENT DISTANCE FROM STEP 3. SET THE COUPLING DISTANCE FROM THE MOTOR MOUNTING FACE TO THE TOP OF THE COUPLING. TIGHTEN THE SET SCREW(S) TO KEEP THE COUPLING AT THIS LOCATION.

6.) MOUNT THE MOTOR ONTO THE GEARBOX WITH THE APPROPRIATE BOLTS. ENSURE THAT THE COUPLINGS ENGAGE SECURELY. USE LOCK WASHERS OR SERVICE REMOVABLE THREAD LOCKER TO PROHIBIT BOLTS FROM VIBRATING LOOSE. TIGHTEN TO THE APPROPRIATE VALUE IN THE TABLE BELOW.



BOLT SIZE	18-8 SS	Gr5/Gr8
3/8"-16	16 ft.-lb.	25 ft.-lb.
1/2"-13	36 ft.-lb.	61 ft.-lb.
9/16"-12	48 ft.-lb.	88 ft.-lb.
5/8"-11	81 ft.-lb.	121 ft.-lb.
3/4"-10	114 ft.-lb.	215 ft.-lb.
7/8"-9	178 ft.-lb.	251 ft.-lb.
1"-8	269 ft.-lb.	375 ft.-lb.

CAUTION
DISCONNECT MIXER FROM POWER SOURCE BEFORE ASSEMBLING, LIFTING, MOVING, OR SERVICING MIXER.

CAUTION:
• THE VISCOSITY AND SPECIFIC GRAVITY OF THE FLUID AFFECTS MIXER SIZING AND SPECIFICATIONS