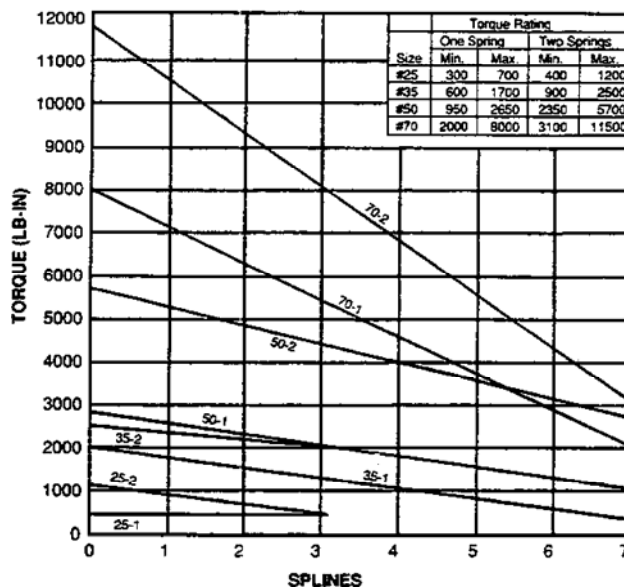


- Sold in packs of 2 only.

TORQUE-TAMER CLUTCH CALIBRATION



Note

Graph indicates approximate rated torque vs number of splines adjusting nut is backed off from finger tight. Numbers on calibration lines indicate TORQUE-TAMER model and quantity of compression springs. Example: 35-2 is a model 35 TORQUE-TAMER with 2 springs.

Reference	No. Req'd.	Name of Part	Part Numbers			
			Size 25	Size 35	Size 50	Size 70
12	1	* Hub Assembly	.....	.....	.....	.....
14	1	ΔHub Set Screw	.....	.....	.....	.....
16	♦	Conical Spring	09603 9	09604 1	09604 2	09604 3
18	2	Pressure Plate	39137 1	39137 5	39137 9	39138 3
20	1	• Friction Disc	09606 5	09606 6	09606 7	09606 8
22	♦	Bushings {	09605 0	09605 5	09606 2	.....
			09605 1	09605 6	09606 3	09607 0
			.....	09605 7	09606 4	09607 1
			.....	.....	.....	09607 2
24	1	Adjusting Nut Assembly	39137 2	39137 6	39138 0	39138 4
26	1	ΔAdjusting Nut Set Screw	.....	.....	.....	.....
28	3	ΔTension Screw	39137 3	39137 7	39138 1	39138 5

♦ As required.

Δ Included in preceding assembly.

* Specify bore.

INSTRUCTION MANUAL FOR TORQUE-TAMER™ with Easy-Set Adjustment Sizes 25 thru to 70

INSTALLATION INSTRUCTIONS

WARNING

To ensure that drive is not unexpectedly started, turn off and lock out or tag power source before proceeding. Failure to observe these precautions could result in bodily injury.

CAUTION:

Friction discs must be kept clean and free of oil or moisture at all times to obtain proper functioning of the TORQUE-TAMER. Do not use washers under heads of tension screws.

1. Back off tension screws 28 at least three turns.
2. Loosen setscrew 26 nine full turns. (Size 25 six full turns). Remove nut 24.
3. Remove one pressure plate 18 and one friction disc 20. Place bushing 22 on hub 12.
4. Slide center member (sprocket, sheave, etc.) on bushing 22. NOTE: Bore finish must not exceed 125 micro-inch and both sides of center member, where contacted by discs 20, must be ground parallel (65 to 125 micro-inch) and must be clean and free of oil or moisture.

5. Replace friction disc 20 and pressure plate 18 with ground side of plate against friction disc.
6. Replace nut 24 and tighten finger tight.
7. Tighten setscrew 26 in nearest spline notch.
8. Tighten tension screws 28 alternately and evenly until heads bottom on nut 24. This provides maximum torque setting. For less torque proceed with the following directions.

TO ADJUST TORQUE

1. Back off tension screws 28 at least three turns.
2. Loosen adjusting nut setscrew 26 at least nine turns.
3. Reset adjusting nut 24 (Turn clockwise for more torque or counterclockwise for less. Do not tighten adjusting nut beyond finger tight.)
4. Tighten adjusting nut setscrew 26 in nearest spline notch. (Do not tighten set screw on threads of hub.)
5. Tighten tension screws 28 alternately and evenly until heads bottom. Do not use washers under heads of these screws.
6. Check alignment of drive. If necessary, loosen hub setscrew 14 and shift hub 12 on shaft.

WARNING: Because of the possible danger to persons(s) or property from accidents which may result from the improper use of products, it is important that correct procedures be followed. Products must be used in accordance with the engineering information specified in the catalog. Proper installation, maintenance and operation procedures must be observed. The instructions in the instruction manuals must be followed. Inspections should be made as necessary to assure safe operation under prevailing conditions. Proper guards and other suitable safety devices or procedures as may be desirable or as may be specified in safety codes should be provided, and are neither provided by Baldor Electric Company nor are the responsibility of Baldor Electric Company. This unit and its associated equipment must be installed, adjusted and maintained by qualified personnel who are familiar with the construction and operation of all equipment in the system and the potential hazards involved. When risk to persons or property may be involved, a holding device must be an integral part of the driven equipment beyond the speed reducer output shaft.

www.baldor.com www.ptplace.com www.dodge-pt.com www.reliance.com



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This material is not intended to provide operational instructions. Appropriate instruction manuals and precautions should be studied prior to installation, operation or maintenance of equipment.