



MACRON DYNAMICS, INC.

PRODUCT Bulletin

Macron Belt Tension tool & tensioning process

TENSION TOOL

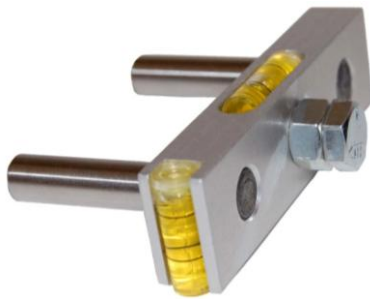
PART NO.

#399 - 25 (For 12 & 25mm)

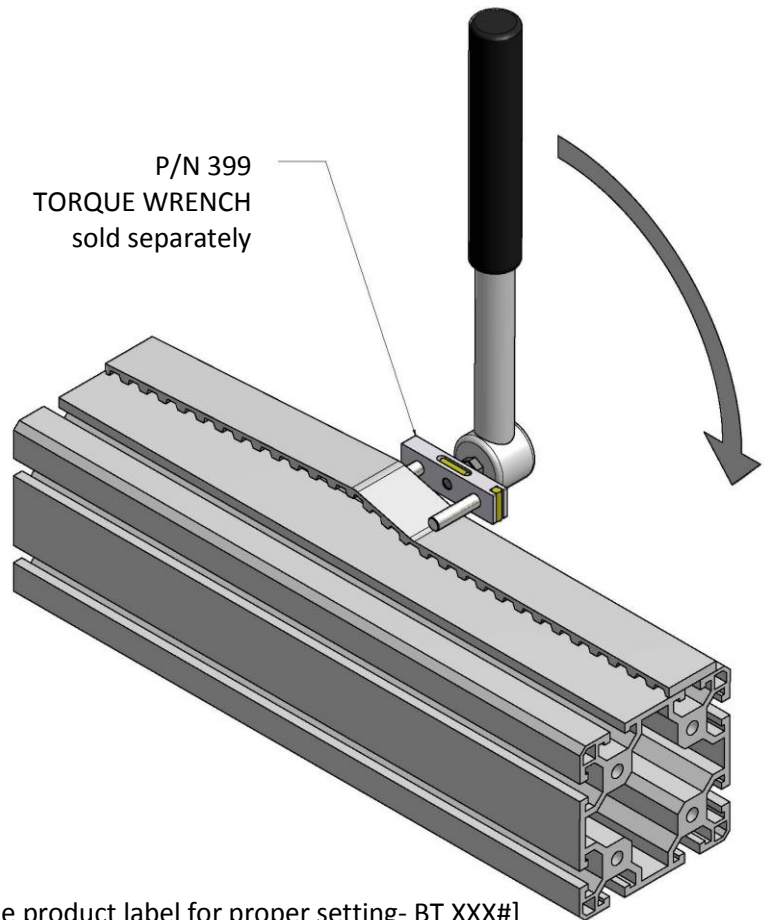
#399 - 50 (For 50mm)

DESCRIPTION

Used in conjunction with Pound Inch Torque Wrench



P/N 399
TORQUE WRENCH
sold separately



TORQUE WRENCH

PART NO.

#397 [25 - 250 lbs-in]

Tension adjustment Procedure

1. SET TORQUE WRENCH TO SPECIFIED LBS.-IN. [see product label for proper setting- BT XXX#]
2. SLIDE CART &/OR TENSION ASSEMBLY TO ACTUATOR END FARTEST FROM MOTOR.
3. PLACE TENSION TOOL IN CENTER OF BELT SPAN.
4. TURN WRENCH IN THE DIRECTION SHOWN WHILE OBSERVING TENSION TOOL BUBBLE LEVEL.
5. LEVEL BUBBLE SHOULD BE BETWEEN THE LINES WHEN TORQUE WRENCH RELEASES AT SPECIFIED LBS.-IN.
6. IF BUBBLE IS NOT BETWEEN THE LINES, ADJUST BELT TENSIONER SCREWS UNTIL TOOL READS LEVEL.
7. REPEAT STEPS 1-5 TO CHECK ACCURACY.

*NOTE: If Actuator is not mounted in a horizontal or vertical plane. Disregard the bubble and ensure the tension tool body is parallel to the actuator extruded beam.

MACRON DYNAMICS, INC.		1-800-622-7661	
S/N	15936	DATE	1344
P/N	MSAR20B000013718	REV.	BT 100*

Tension setting = 100 lb-in
in this example