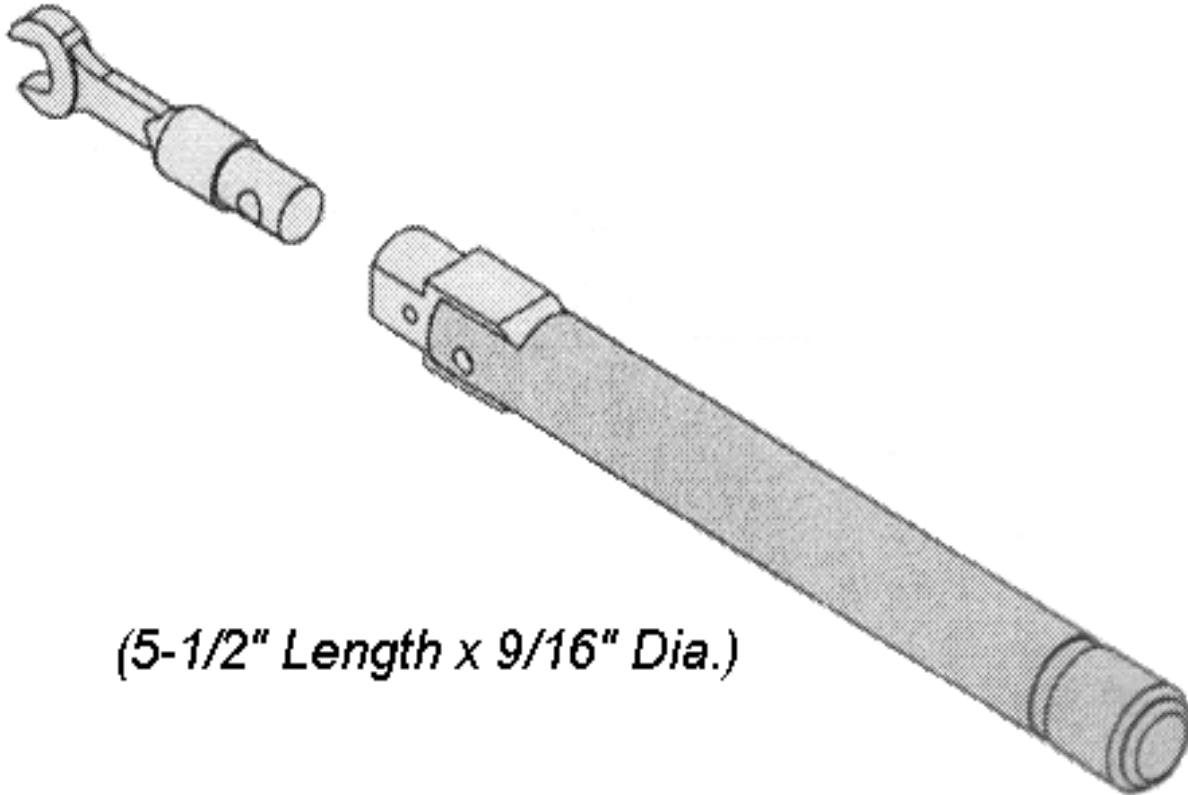


APPLICATIONS			REVISIONS		
		REV	DESCRIPTION	DATE	APPROVED
		-	Initial Release	20 NOV 02	TJS
		A	Add 12 in. lb. Torque handle	04 AUG 04	TJS
		B	Add 7/8" open end adapter	08 MAR 10	TJS


## BREAK-OVER TORQUE WRENCHES

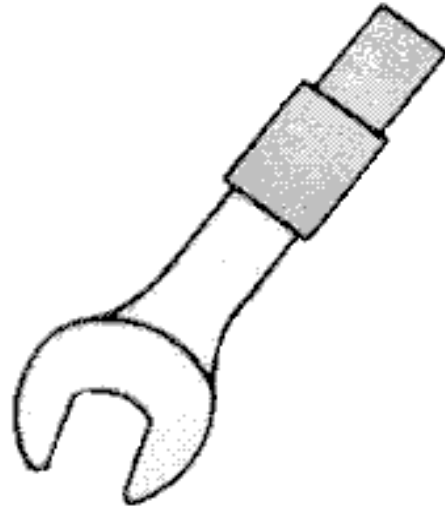


*(5-1/2" Length x 9/16" Dia.)*

### TMS P/N    Description

<b>3190-1380</b>	<b>Preset to 8.5 in. lbs. (SMA) (silver)</b>
<b>3190-1381</b>	<b>Preset to 23 in. lbs. (TNC, NM, Etc.) (blue)</b>
<b>3190-1382</b>	<b>Preset to 50 in. lbs. (Replaceable Front Ends) (black)</b>
<b>3190-1733</b>	<b>Preset to 12 in. lbs. (Ruggedized 3.5 mm) (green)</b>

CONTRACT NO	DWN. 11/20/02	TJS		<b>TIMES MICROWAVE SYSTEMS</b> <b>358 HALL AVE / P.O. BOX 5039</b> <b>WALLINGFORD, CT, USA, 06492</b>		
DO NOT SCALE DRAWING	CHK.					
INTERPRET IN ACCORDANCE WITH DOD-STD-100			<b>Break-Over Torque Wrenches and Adapters</b>			
			CAGE CODE <b>68999</b>	SIZE <b>A</b>	DRAWING NUMBER <b>AC4734</b>	REV <b>B</b>
			SCALE: NONE		SHEET 1 OF 2	



## ADAPTERS

TMS P/N	Description
3190-1228	1/4"
3190-1229	5/16"
3190-1230	11/32"
3190-1231	3/8"
3190-1232	7/16"
3190-1233	1/2"
3190-1234	9/16"
3190-1235	5/8"
3190-1236	11/16"
3190-1237	3/4"
3190-1363	13/16"
3192-057	7/8"

Note: Torque Wrenches also accept TN552-XXX Torque Wrench Adapters.

	SIZE <b>A</b>	CAGE CODE <b>68999</b>	DRAWING NO. <b>AC4734</b>
	SCALE: NONE	REV <b>B</b>	SHEET 2 of 2