



## TUBULAR WRENCH HANDLES

### Industrial Black Finish

Product Code	Length (Inches)	Inside Handle Diameter (Inches)
13TH	13 1/2	7/8
24TH	24	7/8
36TH	36	1 1/8

#### Features

- For use with all Williams Tubular Handle Wrenches.
- A detent on the wrench shaft helps to align locking button with handle hole.
- Tubular wrenches may be used without the handle to quickly run down nuts.



13TH



## OPEN END TUBULAR HANDLE WRENCHES

### Industrial Black Finish, SAE / Metric

Product Code	Size (Inches)	Size (MM)	B		C		Assembled Length From Bolt Center (Inches)	Assembled Length From Bolt Center (Inches)	Fits Handle No.
			Outside Head Diameter (Inches)	Head Depth (Inches)	Outside Head Diameter (Inches)	Head Depth (Inches)	13TH	24TH	
1228TOE	7/8	-	1 15/16	1/2	1 15/16	1/2	19 3/8	29 7/8	13TH - 24TH
1230TOE	15/16	-	1 15/16	1/2	1 15/16	1/2	19 3/8	29 7/8	13TH - 24TH
1232TOE	1	-	2 1/8	5/16	2 1/8	5/16	20 5/32	30 21/32	13TH - 24TH
1234TOE	1 1/16	-	2 5/16	5/16	2 5/16	5/16	20 5/32	30 21/32	13TH - 24TH
1236TOE	1 1/8	-	2 5/8	5/16	2 5/8	5/16	20 5/32	30 21/32	13TH - 24TH
1240TOE	1 1/4	32	2 11/16	5/8	2 11/16	5/8	21 5/32	31 21/32	13TH - 24TH
1242TOE	1 5/16	33	2 11/16	5/8	2 11/16	5/8	21 5/32	31 21/32	13TH - 24TH
1244TOE	1 3/8	35	2 11/16	5/8	2 11/16	5/8	22	32 1/2	13TH - 24TH
1246TOE	1 7/16	36	3 1/8	11/16	3 1/8	11/16	22 1/16	32 9/16	13TH - 24TH
1248TOE	1 1/2	38	3 1/8	11/16	3 1/8	11/16	22 1/16	33 9/16	13TH - 24TH

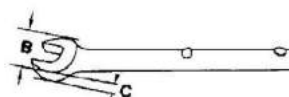
#### Features

- Unique, versatile design allows wrench to be used with or without optional handles.
- Tubular wrenches may be used without the handle to quickly run down nuts.
- The handle can then be attached to provide maximum turning power for final tightening or to reach otherwise inaccessible fasteners.
- A detent on the wrench shaft helps to align locking button with handle hole.
- Open end wrench head provides access in tight areas.
- Sizes of both SAE and corresponding metric fasteners are shown.



1228TOE

CDI 4004TQR and 6004TQR Split Beam Torque Wrenches accept the Williams Heavy Duty Tubular Wrenches that fit the 24TH handle. The length of the wrench head matches the effective length of the ratchet head and extender that come with the torque wrench, creating the same effective length. Removing the ratchet head and extender from the torque wrench and inserting the desired Heavy Duty Tubular wrench of choice (fitting 24TH handle) creates an expanded use interchangeable head system. The complete assortment of CDI Split Beam Torque Wrenches is found on page 112.



B = Outside Dia.  
C = Head Depth

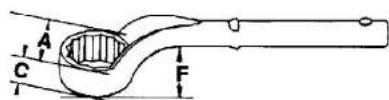
WILLIAMS



## OFFSET BOX END TUBULAR HANDLE WRENCHES

Industrial Black Finish, 12 Point, SAE / Metric

Product Code	Size (Inches)	Size (MM)	A C F			Assembled Length From Bolt Center (Inches) 13TH	Assembled Length From Bolt Center (Inches) 24TH/36TH	Fits Handle No.
			Outside Head Diameter (Inches)	Head Depth (Inches)	Height of Offset (Inches)			
1234TOB	1 1/8	-	1 21/32	5/8	15/16	9 3/32	30 3/32	13TH - 24TH
1236TOB	1 1/8	-	1 7/8	23/32	1 1/16	9 7/32	30 7/32	13TH - 24TH
1240TOB	1 1/4	32	1 29/32	23/32	1 1/8	9 7/32	30 7/32	13TH - 24TH
1242TOB	1 5/8	33	2	27/32	1 1/8	11 1/2	32 1/2	13TH - 24TH
1244TOB	1 3/8	35	2 1/16	7/8	1 3/16	11 19/32	32 19/32	13TH - 24TH
1246TOB	1 7/8	36	2 5/32	7/8	1 1/4	11 19/32	32 19/32	13TH - 24TH
1248TOB	1 1/2	38	2 1/4	19/16	1 5/16	11 19/32	32 19/32	13TH - 24TH
1250TOB	1 5/8	40	2 5/16	19/16	1 5/16	11 19/32	32 19/32	13TH - 24TH
1252TOB	1 5/8	41	2 3/8	31/32	1 3/8	11 23/32	32 23/32	13TH - 24TH
1254TOB	1 11/16	43	2 13/32	1 1/16	1 7/16		43 7/32	36TH
1256TOB	1 3/4	44	2 5/8	1 1/16	1 1/2		43 7/32	36TH
1258TOB	1 13/16	46	2 23/32	1 1/8	1 9/16		43 13/32	36TH
1260TOB	1 7/8	47	2 3/4	1 1/8	1 5/8		43 13/32	36TH
1264TOB	2	51	2 31/32	1 1/4	1 3/4		43 1/2	36TH
1266TOB	2 1/16	52	2 13/32	1 1/4	1 3/4		43 1/2	36TH
1270TOB	2 3/16	55	3 3/16	1 5/16	1 7/8		43 19/32	36TH
1272TOB	2 1/4	57	3 1/4	1 5/8	1 7/8		43 19/32	36TH
1276TOB	2 3/8	60	3 13/32	1 13/32	2		43 11/16	36TH
1282TOB	2 5/8	65	3 21/32	1 1/2	2 1/4		43 11/16	36TH
1284TOB	2 5/8	67	3 11/16	1 1/2	2 1/4		44 1/32	36TH
1288TOB	2 3/4	70	3 15/16	1 15/32	2 1/2		44	36TH
1294TOB	2 15/16	75	4 5/32	1 11/16	2 3/8		44 3/32	36TH
12100TOB	3 1/8	79	4 3/8	1 11/16	2 3/4		44 19/32	36TH



A = Outside Dia.  
C = Head Depth  
F = Height of Offset

### Features

- Unique, versatile design allows wrench to be used with or without optional handles.
- Tubular Wrenches may be used without the handle to quickly run down nuts.
- The handle can then be attached to provide maximum turning power for final tightening or to reach otherwise inaccessible fasteners.
- A detent on the wrench shaft helps to align locking button with handle hole.
- Offset box wrench head provides turning clearance.
- Sizes of both SAE and corresponding metric fasteners are shown.



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## STRAIGHT BOX END TUBULAR HANDLE WRENCHES

Industrial Black Finish, 12 Point, SAE / Metric

Product Code	Size (Inches)	Size (MM)	A C		Assembled Length From Bolt Center (Inches) 13TH	Assembled Length From Bolt Center (Inches) 24TH/36TH	Fits Handle No.
			Outside Head Diameter (Inches)	Head Depth (Inches)			
1224TSB	3/4	-	1 1/4	17/32	19 1/32	29 17/32	13TH - 24TH
1226TSB	13/16	-	1 1/4	17/32	19 1/32	29 17/32	13TH - 24TH
1228TSB	7/8	-	1 13/32	19/32	19 1/32	29 17/32	13TH - 24TH
1230TSB	15/16	-	1 13/32	19/32	19 1/32	29 17/32	13TH - 24TH
1232TSB	1	-	1 9/16	21/32	19 3/32	29 19/32	13TH - 24TH
1234TSB	1 1/8	-	1 9/16	21/32	19 3/32	29 19/32	13TH - 24TH
1236TSB	1 1/8	-	1 9/16	11/16	19 3/32	29 19/32	13TH - 24TH
1240TSB	1 1/4	32	1 29/32	27/32	21 13/32	31 29/32	13TH - 24TH
1242TSB	1 5/8	33	1 29/32	27/32	21 13/32	31 29/32	13TH - 24TH
1246TSB	1 7/8	36	2 5/32	7/8	21 13/32	31 29/32	13TH - 24TH
1248TSB	1 1/2	38	2 5/32	7/8	21 13/32	31 29/32	13TH - 24TH
1252TSB	1 5/8	41	2 5/16	19/16	22 7/32	32 23/32	13TH - 24TH
12100TSB	3 1/8	79	4 5/32	1 3/4		42 3/32	36TH

### Features

- Unique, versatile design allows wrench to be used with or without optional handles.
- Tubular wrenches may be used without the handle to quickly run down nuts.
- The handle can then be attached to provide maximum turning power for final tightening or to reach otherwise inaccessible fasteners.
- A detent on the wrench shaft helps to align locking button with handle hole.
- Straight box wrench head provides access when clearance is limited.
- Sizes of both SAE and corresponding metric fasteners are shown.



TUBULAR

WRENCHES