

TORQUE WRENCH

LOW CLEARANCE - TWLC

Max Torque 39,024 Nm at 700 bar
(28,800 lb-ft at 10,000 psi)



TORQUE WRENCH LOW CLEARANCE

The TWLC Series Wrench was designed for the most inaccessible bolting areas found in the industry. Its long neck, short height and small radius have all added to its great success.



Several link sizes are
available for each drive.

Combine a drive body with a link to make a wrench.
Each are sold separately.

**TWSD CONVERSION CHART,
SEE PAGE 121**

OK FOR SUBSEA



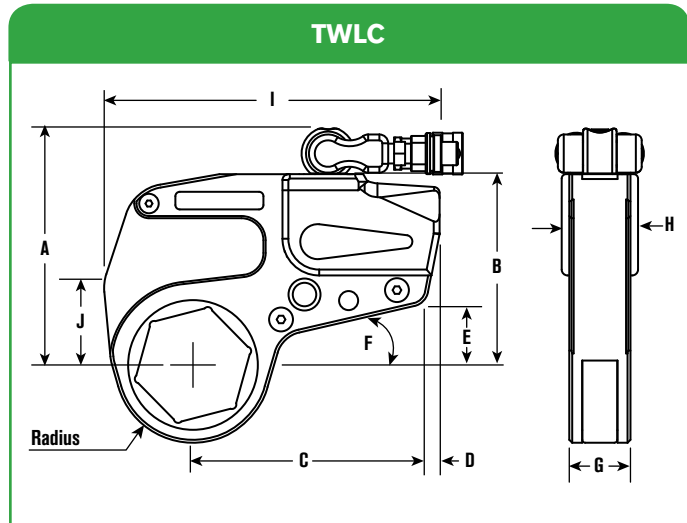
Torque Wrench Handle



SEE PAGE 14

Specifications and Dimensional Data

- Low weight, high strength design
- Superior torsional strength
- Fast operation cycle
- Fine tooth ratchet
- Floating piston design
- Link pin does not fall out
- Auto-connect drive piston
- Compact frame size
- Rigid steel body construction
- Swivel manifold internal relief valve prevents retract side over-pressurization
- “Hardened” steel reaction pad on TWLC8, 15 & 30
- Small nose radius
- Corrosion resistant finish
- Multi-axis high flow swivel manifold
- Simple design
- Consistent torque output



- Quick interchangeable heads, no tools necessary
- Replaceable reaction pad on larger models

Body Order No.	A		B		C		D		E		F	G		H	
	mm	in	mm	in	mm	in	mm	in	mm	in	deg	mm	in	mm	in
TWLC2	136	5.4	103	4.1	128	5	8	0.3	35	1.4	13	32	1.3	42	1.7
TWLC4	163	6.4	130	5.1	159	6.3	9	0.4	43	1.7	13	42	1.7	52	2
TWLC8	195	7.7	158	6.2	177	7	24.5	1	40	1.6	14	54	2.1	67	2.6
TWLC15	223	8.8	186	7.3	200	7.9	27	1.1	43	1.7	14	63	2.5	76	3
TWLC30	276	10.9	239	9.4	267	10.5	26	1	62	2.4	15	82	3.2	94	3.7

Body Order No.	Hex Range				Min Torque		Max Torque		Weight (Body Only)	
	mm	mm	in	in	Nm	lb-ft	Nm	lb-ft	kg	lb
TWLC2	26	60	1	2-3/8	256	189	2,134	1,575	1.0	2.2
TWLC4	33	80	1-5/16	3-1/8	646	477	5,386	3,975	2.0	4.4
TWLC8	49	100	1-7/8	3-15/16	1,293	954	10,772	7,950	3.5	7.7
TWLC15	62	116	2-7/16	4-5/8	2,415	1,782	20,122	14,850	7.0	15.4
TWLC30	80	155	3-1/8	6-1/16	4,683	3,456	39,024	28,800	14.5	31.9

CAUTION: Always read operating manual before using for proper use of tools and accessories.

NOTE: Reference dimensions shown and vary by links size. Exact dimensions can be found on our website.

Ordering Information

TO SPECIFY A TWLC SOLUTION:

1. Find a link for your application (nut size) (page 25-27)
2. Choose the appropriate Drive body (page 23)
3. Add reducers for additional nut sizes (pages 26-29)

Please order Drive Body and Link separately and pay attention to the same size, for Example TWLC2 and TWL2-041.

TORQUE WRENCH

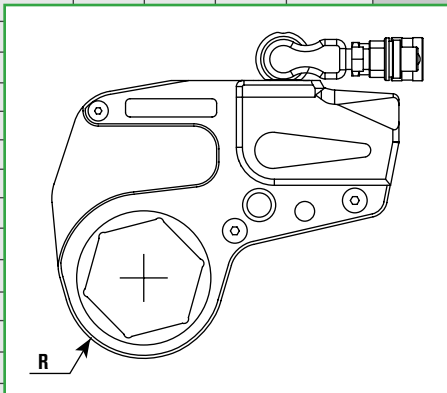
LOW CLEARANCE LINKS - TWLC

Parts Codes, Nose Radius

NOTE:

The sizes listed on these pages encompass both heavy hex and standard hex nut sizes. Check your local SPX FLOW Bolting Office for availability as some items may be special order.

Nut A/F		Link Order No.	TWLC2				Link Order No.	TWLC4				Link Order No.	TWLC8			
			Radius R	I	J	Weight (Link Only)		Radius R	I	J	Weight (Link Only)		Radius R	I	J	Weight (Link Only)
Inch	Metric		mm (in)	mm (in)	mm (in)	kg (lb)		mm (in)	mm (in)	mm (in)	kg (lb)		mm (in)	mm (in)	mm (in)	kg (lb)
1	26	TWL2-026														
1-1/16	27	TWL2-027														
1-1/8	29	TWL2-029														
1-3/16	30	TWL2-030	31.5 (1.2)	180 (7.1)	38 (1.5)	2 (4.4)										
1-1/4	32	TWL2-032														
1-5/16	33	TWL2-033					TWL4-033									
1-3/8	35	TWL2-035					TWL4-035									
1-7/16	36	TWL2-036					TWL4-036	36.5 (1.4)	227 (8.9)	53 (2.1)	4 (8.8)					
1-1/2	38	TWL2-150					TWL4-150									
1-9/16	40	TWL2-040	34.5 (1.4)	181 (7.1)	40 (1.6)	2 (4.4)	TWL4-040									
1-5/8	41	TWL2-041					TWL4-041									
1-11/16	43	TWL2-043	37 (1.5)	183 (7.2)	40 (1.6)	2 (4.4)	TWL4-043	39 (1.5)	227 (8.9)	53 (2.1)	4 (8.8)					
1-3/4	44	TWL2-044					TWL4-044									
1-13/16	46	TWL2-046					TWL4-046									
1-7/8	48	TWL2-188	40 (1.6)	185 (7.3)	43 (1.7)	2 (4.4)	TWL4-188	42 (1.7)	227 (8.9)	53 (2.1)	4 (8.8)	TWL8-188	50.5 (2.0)	274 (10.8)	77 (3.0)	7 (15.4)
1-15/16	49	TWL2-049					TWL4-049					TWL8-049				
2	50	TWL2-050					TWL4-050					TWL8-050				
2-1/16	52	TWL2-052	42.5 (1.7)	185 (7.3)	43 (1.7)	2 (4.4)	TWL4-052	44.5 (1.8)	227 (8.9)	53 (2.1)	4 (8.8)	TWL8-052				
2-1/8	54	TWL2-054					TWL4-054					TWL8-054				
2-3/16	55	TWL2-055	45.5 (1.8)	185 (7.3)	43 (1.7)	2 (4.4)	TWL4-055	47.5 (1.9)	227 (8.9)	53 (2.1)	4 (8.8)	TWL8-055				
2-1/4	57	TWL2-057					TWL4-225					TWL8-057				
2-5/16	59	TWL2-059					TWL4-059					TWL8-059				
2-3/8	60	TWL2-060					TWL4-060					TWL8-060				
2-7/16	62						TWL4-062	50 (2.0)	227 (8.9)	53 (2.1)	4 (8.8)	TWL8-062	53 (2.1)	274 (10.8)	77 (3.0)	7.5 (16.5)
2-1/2	63						TWL4-063					TWL8-063				
2-9/16	65						TWL4-065					TWL8-065				
2-5/8	67						TWL4-067	53 (2.1)	229 (9.0)	56 (2.2)	4 (8.8)	TWL8-067	56 (2.2)	274 (10.8)	77 (3.0)	7.5 (16.5)
2-11/16	68						TWL4-068					TWL8-068				
2-3/4	70						TWL4-070					TWL8-070				
2-13/16	71						TWL4-071	55.5 (2.2)	229 (9.0)	56 (2.2)	4.5 (9.9)	TWL8-071	58.5 (2.3)	274 (10.8)	77 (3.0)	7.5 (16.5)
2-7/8	73						TWL4-073					TWL8-073				
2-15/16	75						TWL4-075					TWL8-075				
3	77						TWL4-077	59 (2.3)	230 (9.1)	58 (2.3)	4.5 (9.9)	TWL8-077	62 (2.4)	277 (10.9)	72 (2.8)	8 (17.6)
3-1/16	78						TWL4-313					TWL8-313				
3-1/8	80						TWL4-080					TWL8-080				
3-3/16	81											TWL8-081	67 (2.6)	277 (10.9)	72 (2.8)	8 (17.6)
3-1/4	83											TWL8-083				
3-5/16	84											TWL8-084				
3-3/8	85											TWL8-085				
3-7/16	87											TWL8-087				
	89											TWL8-089				
3-1/2	90											TWL8-090	73.5 (2.9)	277 (10.9)	72 (2.8)	8 (17.6)
3-9/16	91											TWL8-091				
3-5/8	92											TWL8-092				
3-11/16	94											TWL8-094				
3-3/4	95											TWL8-095				
3-13/16	97											TWL8-097				
	99											TWL8-388				
3-7/8	100											TWL8-100				



MORE SOLUTIONS ON NEXT PAGE

Ordering Information

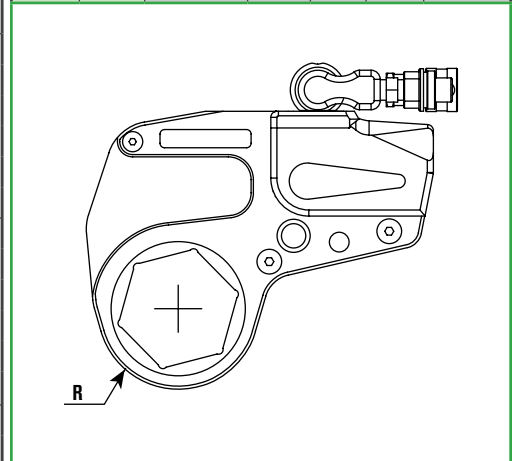
TO SPECIFY A TWLC SOLUTION:

1. Find a link for your application (nut size) (page 26-27)
2. Choose the appropriate Drive body (page 23)
3. Add reducers for additional nut sizes (pages 28-29)

Please order Drive Body and Link separately and pay attention to the same size, for Example TWLC2 and TWL2-041.

TWLC15							TWLC30					TWLC30 (Continued)													
Nut A/F		Link Order No.	Radius R	I	J	Weight (Link Only)	Link Order No.	Radius R	I	J	Weight (Link Only)	Nut A/F		Link Order No.	Radius R	I	J	Weight (Link Only)							
Inch	Metric		mm (in)	mm (in)	mm (in)	kg (lb)		mm (in)	mm (in)	mm (in)	kg (lb)	Inch	Metric		mm (in)	mm (in)	mm (in)	kg (lb)							
2-7/16	62	TWL15-062	60.5 (2.4)	313 (12.3)	88 (3.5)	12.5 (27.5)						4-13/16	122	TWL30-122	99 (3.9)	400 (15.7)	109 (4.3)	28.5 (62.7)							
2-1/2	63	TWL15-063																	123	TWL30-123					
2-9/16	65	TWL15-065																	4-7/8	124	TWL30-124				
2-5/8	67	TWL15-067																	4-15/16	125	TWL30-125				
2-11/16	68	TWL15-068																	5	127	TWL30-500				
2-3/4	70	TWL15-070										5-1/16	129	TWL30-129	105 (4.1)	400 (15.7)	109 (4.3)	28.5 (62.7)							
2-13/16	71	TWL15-071									5-1/8	130	TWL30-130												
2-7/8	73	TWL15-073									5-3/16	132	TWL30-132												
2-15/16	75	TWL15-075									5-1/4	133	TWL30-133												
											5-3/8	135	TWL30-135												
3	77	TWL15-077	66.5 (2.6)	313 (12.3)	88 (3.5)	13 (28.6)							137	TWL30-538	110 (4.3)	400 (15.7)	109 (4.3)	28.5 (62.7)							
3-1/16	78	TWL15-313																	5-7/16	138	TWL30-138				
3-1/8	80	TWL15-080					TWL30-080												5-1/2	140	TWL30-140				
3-3/16	81	TWL15-081					TWL30-081												5-9/16	141	TWL30-141				
3-1/4	83	TWL15-083					TWL30-083												5-5/8	143	TWL30-143				
3-5/16	84	TWL15-084	72 (2.8)	313 (12.3)	80 (3.1)	13.5 (29.7)	TWL30-084	77 (3.0)	393 (15.5)	104 (4.1)	26.5 (58.3)	5-11/16	144	TWL30-144	116 (4.6)	400 (15.7)	109 (4.3)	29.5 (64.9)							
3-3/8	85	TWL15-085					TWL30-085															5-3/4	145	TWL30-145	
3-7/16	87	TWL15-087					TWL30-087																146	TWL30-146	
	89	TWL15-089					TWL30-089																5-13/16	148	TWL30-148
3-1/2	90	TWL15-090					TWL30-090																5-7/8	149	TWL30-149
3-9/16	91	TWL15-091	78 (3.1)	316 (12.4)	80 (3.1)	13.5 (29.7)	TWL30-091	83 (3.3)	393 (15.5)	104 (4.1)	26.5 (58.3)		150	TWL30-150	116 (4.6)	400 (15.7)	109 (4.3)	29.5 (64.9)							
3-5/8	92	TWL15-092					TWL30-092															5-15/16	151	TWL30-151	
3-11/16	94	TWL15-094					TWL30-094															6	152	TWL30-152	
3-3/4	95	TWL15-095					TWL30-095															6-1/16	154	TWL30-154	
3-13/16	97	TWL15-097					TWL30-097															6-1/8	155	TWL30-155	
	99	TWL15-388																							
3-7/8	100	TWL15-100	82.5 (3.2)	316 (12.4)	80 (3.1)	14 (30.8)	TWL30-100	89 (3.5)	393 (15.5)	104 (4.1)	27.5 (60.5)				99 (3.9)	400 (15.7)	109 (4.3)	28.5 (62.7)							
4	102	TWL15-102					TWL30-102																		
4-1/16	103	TWL15-103					TWL30-103																		
4-1/8	105	TWL15-105					TWL30-105																		
4-3/16	106	TWL15-106					TWL30-106																		
4-1/4	108	TWL15-425	87.5 (3.4)	316 (12.4)	80 (3.1)	14 (30.8)	TWL30-425	92 (3.6)	393 (15.5)	104 (4.1)	27.5 (60.5)				99 (3.9)	400 (15.7)	109 (4.3)	28.5 (62.7)							
4-5/16	110	TWL15-110					TWL30-110																		
4-3/8	111	TWL15-111					TWL30-111																		
4-7/16	113	TWL15-113					TWL30-113																		
4-1/2	114	TWL15-114					TWL30-114																		
	115	TWL15-115					TWL30-115																		
4-9/16	116	TWL15-116					TWL30-116																		
4-5/8	117	TWL15-463					TWL30-463																		
4-11/16	119						TWL30-119																		
4-3/4	120						TWL30-120																		

12 point links available upon request. Please contact factory.



MORE SOLUTIONS ON NEXT PAGE

TORQUE WRENCH

LOW CLEARANCE REDUCERS - TWLC

Drive Body, Links & Reducers

Special sizes available upon request.



Specifications and Dimensional Data

Body Order No.	Reference Link No.	Nut A/F		Reducer		Order No.	Reducer		Order No.	Reducer		Order No.
		mm	in	mm	in		mm	in		mm	in	
TWLC2	TWL2-032	32	1-1/4	-	-	-	-	-	-	-	-	-
	TWL2-036	36	1-7/16	-	-	-	-	-	-	-	-	-
	TWL2-041	41	1-5/8	41-36	1-5/8 - 1-7/16	TWR2-041036	41-32	1-5/8 - 1-1/4	TWR2-041032	-	-	-
	TWL2-046	46	1-13/16	46-41	1-13/16 - 1-5/8	TWR2-046041	46-36	1-13/16 - 1-7/16	TWR2-046036	46-32	1-13/16 - 1-1/4	TWR2-046032
	TWL2-050	50	2	50-46	2 - 1-13/16	TWR2-050046	50-41	2 - 1-5/8	TWR2-050041	50-36	2 - 1-7/16	TWR2-050036
	TWL2-055	55	2-3/16	55-50	2-3/16 - 2	TWR2-055050	55-46	2-3/16 - 1-13/16	TWR2-055046	55-41	2-3/16 - 1-5/8	TWR2-055041
	TWL2-060	60	2-3/8	60-55	2-3/8 - 2-3/16	TWR2-060055	60-50	2-3/8 - 2	TWR2-060050	60-46	2-3/8 - 1-13/16	TWR2-060046
TWLC4	TWL4-041	41	1-5/8	41-36	1-5/8 - 1-7/16	TWR4-041036	41-32	1-5/8 - 1-1/4	TWR4-041032	-	-	-
	TWL4-046	46	1-13/16	46-41	1-13/16 - 1-5/8	TWR4-046041	46-36	1-13/16 - 1-7/16	TWR4-046036	46-32	1-13/16 - 1-1/4	TWR4-046032
	TWL4-050	50	2	50-46	2 - 1-13/16	TWR4-050046	50-41	2 - 1-5/8	TWR4-050041	50-36	2 - 1-7/16	TWR4-050036
	TWL4-055	55	2-3/16	55-50	2-3/16 - 2	TWR4-055050	55-46	2-3/16 - 1-13/16	TWR4-055046	55-41	2-3/16 - 1-5/8	TWR4-055041
	TWL4-060	60	2-3/8	60-55	2-3/8 - 2-3/16	TWR4-060055	60-50	2-3/8 - 2	TWR4-060050	60-46	2-3/8 - 1-13/16	TWR4-060046
	TWL4-065	65	2-9/16	65-60	2-9/16 - 2-3/8	TWR4-065060	65-55	2-9/16 - 2-3/16	TWR4-065055	65-50	2-9/16 - 2	TWR4-065050
	TWL4-070	70	2-3/4	70-65	2-3/4 - 2-9/16	TWR4-070065	70-60	2-3/4 - 2-3/8	TWR4-070060	70-55	2-3/4 - 2-3/16	TWR4-070055
	TWL4-075	75	2-15/16	75-70	2-15/16 - 2-3/4	TWR4-075070	75-65	2-15/16 - 2-9/16	TWR4-075065	75-60	2-15/16 - 2-3/8	TWR4-075060
	TWL4-080	80	3-1/8	80-75	3-1/8 - 2-15/16	TWR4-080075	80-70	3-1/8 - 2-3/4	TWR4-080070	80-65	3-1/8 - 2-9/16	TWR4-080065
TWLC8	TWL8-060	60	2-3/8	60-55	2-3/8 - 2-3/16	TWR8-060055	60-50	2-3/8 - 2	TWR8-060050	60-46	2-3/8 - 1-13/16	TWR8-060046
	TWL8-065	65	2-9/16	65-60	2-9/16 - 2-3/8	TWR8-065060	65-55	2-9/16 - 2-3/16	TWR8-065055	65-50	2-9/16 - 2	TWR8-065050
	TWL8-070	70	2-3/4	70-65	2-3/4 - 2-9/16	TWR8-070065	70-60	2-3/4 - 2-3/8	TWR8-070060	70-55	2-3/4 - 2-3/16	TWR8-070055
	TWL8-075	75	2-15/16	75-70	2-15/16 - 2-3/4	TWR8-075070	75-65	2-15/16 - 2-9/16	TWR8-075065	75-60	2-15/16 - 2-3/8	TWR8-075060
	TWL8-080	80	3-1/8	80-75	3-1/8 - 2-15/16	TWR8-080075	80-70	3-1/8 - 2-3/4	TWR8-080070	80-65	3-1/8 - 2-9/16	TWR8-080065
	TWL8-085	85	3-3/8	85-80	3-3/8 - 3-1/8	TWR8-085080	85-65	3-3/8 - 2-15/16	TWR8-085065	85-70	3-3/8 - 2-3/4	TWR8-085070
	TWL8-090	90	3-1/2	90-85	3-1/2 - 3-3/8	TWR8-090085	90-80	3-1/2 - 3-1/8	TWR8-090080	90-75	3-1/2 - 2-15/16	TWR8-090075
	TWL8-095	95	3-3/4	95-90	3-3/4 - 3-1/2	TWR8-095090	95-85	3-3/4 - 3-3/8	TWR8-095085	95-80	3-3/4 - 3-1/8	TWR8-095080
	TWL8-100	100	3-7/8	100-95	3-7/8 - 3-3/4	TWR8-100095	100-90	3-7/8 - 3-1/2	TWR8-100090	100-85	3-7/8 - 3-3/8	TWR8-100085

Ordering Information

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2. Choose the appropriate Drive body (page 23)
3. Add reducers for additional nut sizes (pages 26-29)

Please order Drive Body and Link separately and pay attention to the same size, for Example TWLC2 and TWL2-041.

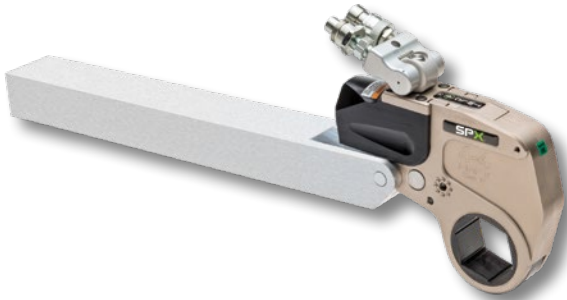


Specifications and Dimensional Data

Body Order No.	Reference Link No.	Nut A/F		Reducer			Reducer			Reducer		
		mm	in	mm	in	Order No.	mm	in	Order No.	mm	in	Order No.
TWLC15	TWL15-070	70	2-3/4	70-65	2-3/4 - 2-9/16	TWR15-070065	70-60	2-3/4 - 2-3/8	TWR15-070060	70-55	2-3/4 - 2-3/16	TWR15-070055
	TWL15-075	75	2-15/16	75-70	2-15/16 - 2-3/4	TWR15-075070	75-65	2-15/16 - 2-9/16	TWR15-075065	75-60	2-15/16 - 2-3/8	TWR15-075060
	TWL15-080	80	3-1/8	80-75	3-1/8 - 2-15/16	TWR15-080075	80-70	3-1/8 - 2-3/4	TWR15-080070	80-65	3-1/8 - 2-9/16	TWR15-080065
	TWL15-085	85	3-3/8	85-80	3-3/8 - 3-1/8	TWR15-085080	85-65	3-3/8 - 2-15/16	TWR15-085065	85-70	3-3/8 - 2-3/4	TWR15-085070
	TWL15-090	90	3-1/2	90-85	3-1/2 - 3-3/8	TWR15-090085	90-80	3-1/2 - 3-1/8	TWR15-090080	90-75	3-1/2 - 2-15/16	TWR15-090075
	TWL15-095	95	3-3/4	95-90	3-3/4 - 3-1/2	TWR15-095090	95-85	3-3/4 - 3-3/8	TWR15-095085	95-80	3-3/4 - 3-1/8	TWR15-095080
	TWL15-100	100	3-7/8	100-95	3-7/8 - 3-3/4	TWR15-100095	100-90	3-7/8 - 3-1/2	TWR15-100090	100-85	3-7/8 - 3-3/8	TWR15-100085
	TWL15-105	105	-	105-100	-	TWR15-105100	105-95	-	TWR15-105095	105-90	-	TWR15-105090
	TWL15-425	-	4-1/4	-	4-1/4 - 3-7/8	TWR15-425388	-	4-1/4 - 3-3/4	TWR15-425375	-	4-1/4 - 3-1/2	TWR15-425350
	TWL15-110	110	-	110-105	-	TWR15-110105	110-100	-	TWR15-110010	110-95	-	TWR15-110095
	TWL15-115	115	-	115-110	-	TWR15-115110	115-105	-	TWR15-115105	115-100	-	TWR15-115100
	TWL15-463	-	4-5/8	-	4-5/8 - 4-1/4	TWR15-463425	-	4-5/8 - 3-7/8	TWR15-463388	-	4-5/8 - 3-3/4	TWR15-463375
TWLC30	TWL30-080	80	3-1/8	80-75	3-1/8 - 2-15/16	TWR30-080075	80-70	3-1/8 - 2-3/4	TWR30-080070	80-65	3-1/8 - 2-9/16	TWR30-080065
	TWL30-085	85	3-3/8	85-80	3-3/8 - 3-1/8	TWR30-085080	85-65	3-3/8 - 2-15/16	TWR30-085065	85-70	3-3/8 - 2-3/4	TWR30-085070
	TWL30-090	90	3-1/2	90-85	3-1/2 - 3-3/8	TWR30-090085	90-80	3-1/2 - 3-1/8	TWR30-090080	90-75	3-1/2 - 2-15/16	TWR30-090075
	TWL30-095	95	3-3/4	95-90	3-3/4 - 3-1/2	TWR30-095090	95-85	3-3/4 - 3-3/8	TWR30-095085	95-80	3-3/4 - 3-1/8	TWR30-095080
	TWL30-100	100	3-7/8	100-95	3-7/8 - 3-3/4	TWR30-100095	100-90	3-7/8 - 3-1/2	TWR30-100090	100-85	3-7/8 - 3-3/8	TWR30-100085
	TWL30-105	105	-	105-100	-	TWR30-105100	105-95	-	TWR30-105095	105-90	-	TWR30-105090
	TWL30-425	-	4-1/4	-	4-1/4 - 3-7/8	TWR30-425388	-	4-1/4 - 3-3/4	TWR30-425375	-	4-1/4 - 3-1/2	TWR30-425350
	TWL30-110	110	-	110-105	-	TWR30-110105	110-100	-	TWR30-110010	110-95	-	TWR30-110095
	TWL30-115	115	-	115-110	-	TWR30-115110	115-105	-	TWR30-115015	115-100	-	TWR30-115100
	TWL30-463	-	4-5/8	-	4-5/8 - 4-1/4	TWR30-463425	-	4-5/8 - 3-7/8	TWR30-463388	-	4-5/8 - 3-3/4	TWR30-463375
	TWL30-120	120	-	120-115	-	TWR30-120115	120-110	-	TWR30-120110	120-105	-	TWR30-120105
	TWL30-500	-	5	-	5 - 4-5/8	TWR30-500463	-	5 - 4-1/4	TWR30-500425	-	5 - 3-7/8	TWR30-500388
	TWL30-130	130	-	130-120	-	TWR30-130120	130-115	-	TWR30-130115	130-110	-	TWR30-130110
	TWL30-135	135	5-3/8	135-125	5-3/8 - 5	TWR30-135125	135-120	5-3/8 - 4-5/8	TWR30-135120	135-115	5-3/8 - 4-1/4	TWR30-135115
	TWL30-145	145	5-3/4	AVAILABLE UPON REQUEST								
	TWL30-150	150	-									
	TWL30-155	155	6-1/8									

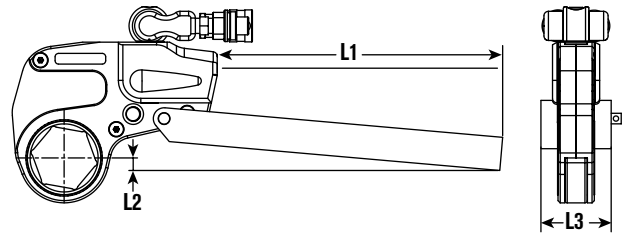
TORQUE WRENCH REACTION ARMS - TWLC

TWLC REACTION BAR TWLC-RB



- In-Line Extension Reaction Bar for TWLC wrench: allows extended reach on the same plane
- Pin engagement, no tools required
- Available for full range of tool sizes

Specifications and Dimensional Data



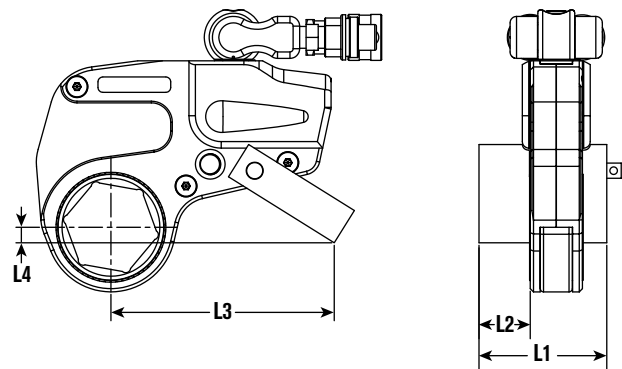
Tool Ref	Order No.	L1		L2		L3		Weight	
		mm	in	mm	in	mm	in	kg	lb
TWLC2	TWLC2-RB	381	15	28	1.10	55	2.17	2.6	5.7
TWLC4	TWLC4-RB	457	18	35	1.38	66	2.60	4.8	10.6
TWLC8	TWLC8-RB	457	18	37	1.46	85	3.35	9	19.8
TWLC15	TWLC15-RB	508	20	40	1.57	102	4.01	14.5	32
TWLC30	TWLC30-RB	508	20	35	1.38	127	5	27	59.5

TWLC REACTION PADDLE TWLC-RP



- Off-Set Reaction Arm for TWLC wrench: allows off-set reaction within wrench profile
- Pin engagement, no tools required
- Light alloy construction
- Available for full range of tool sizes

Specifications and Dimensional Data



Tool Ref	Order No.	L1		L2		L3		L4		Weight	
		mm	in	mm	in	mm	in	mm	in	kg	lb
TWLC2	TWLC2-RP	84	3.31	35	1.38	142	5.59	13	0.51	0.5	1.1
TWLC4	TWLC4-RP	109	4.29	46	1.81	178	7.01	19	0.75	0.9	2
TWLC8	TWLC8-RP	136.5	5.37	57	2.25	220	8.66	26	1.02	1.8	4
TWLC15	TWLC15-RP	165	6.50	70	2.76	252	9.92	45	1.77	3.5	7.7
TWLC30	TWLC30-RP	200	7.874	86	3.39	317	12.48	44	1.73	6	13.2