

# TORQUE WRENCH OVERVIEW

## TWLC

Patented rotating slide design adapts to angle against the piston, keeping forces normal in order to reduce wear and tear.

Unique slide and shuttle piston design automatically engages without the need to manually rotate tool.

Multi way swivel allows easier positioning of the hoses on the job site.

Pin is retained to the link body and will not fall out or get lost on the job site.

Improved hardened steel reaction pad to protect the tool during torquing and modified radius to fit tighter applications.

Steel body link with corrosion resistant nickel plating. Aluminum power head to reduce the overall weight of the tool.

Fully enclosed components without use of a shroud which can bend and cause safety issues.



## TORQUE WRENCH

### LOW CLEARANCE - TWLC

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



Shown with optional handle, refer to page 22 for details.

## 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.

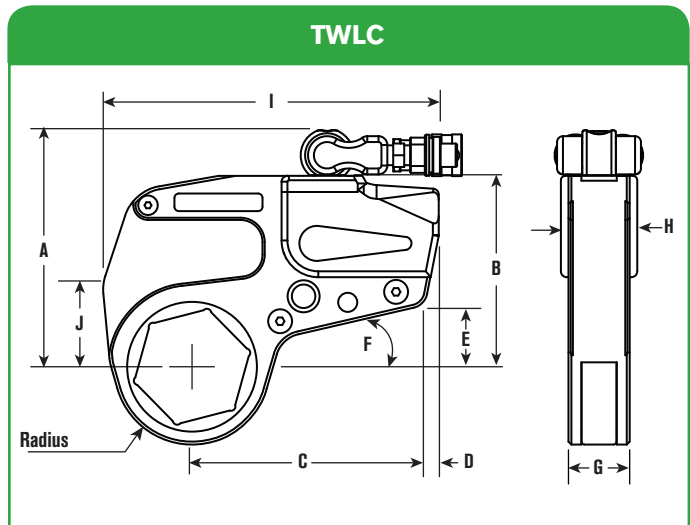
**TWSD CONVERSION CHART,  
SEE PAGE 121**

**OK FOR SUBSEA**



## 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	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
TWLC2	3.8	97	4.1	103	5	128	0.3	8	1.4	35	0.5	13	1.3	32	1.7	42
TWLC4	4.7	120	5.1	130	6.3	159	0.4	9	1.7	43	0.5	13	1.7	42	2	52
TWLC8	5.8	147	6.2	158	7	177	1	24.5	1.6	40	0.6	14	2.1	54	2.6	67
TWLC15	6.9	174	7.3	186	7.9	200	1.1	27	1.7	43	0.6	14	2.5	63	3	76
TWLC30	8.8	223	9.4	239	10.5	267	1	26	2.4	62	0.6	15	3.2	82	3.7	94

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

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

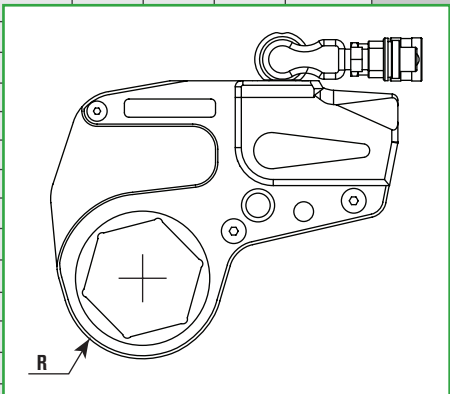
## LOW CLEARANCE LINKS - TWLC

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																
Inch	Metric		Radius R mm (in)	I mm (in)	J mm (in)	Weight (Link Only) kg (lb)		Radius R mm (in)	I mm (in)	J mm (in)	Weight (Link Only) kg (lb)		Radius R mm (in)	I mm (in)	J mm (in)	Weight (Link Only) kg (lb)													
1-1/8	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									TWL4-043																		
1-3/4	44	TWL2-044	37 (1.5)	183 (7.2)	40 (1.6)	2 (4.4)	TWL4-044	39 (1.5)	227 (8.9)	53 (2.1)	4 (8.8)																		
1-13/16	46	TWL2-046													TWL4-046														
1-7/8	48	TWL2-188													TWL4-188						TWL8-188								
1-15/16	49	TWL2-049	40 (1.6)	185 (7.3)	43 (1.7)	2 (4.4)	TWL4-049	42 (1.7)	227 (8.9)	53 (2.1)	4 (8.8)																		
2	50	TWL2-050													TWL4-050						TWL8-049								
2-1/16	52	TWL2-052													TWL4-052						TWL8-050								
2-1/8	54	TWL2-054	42.5 (1.7)	185 (7.3)	43 (1.7)	2 (4.4)	TWL4-054	44.5 (1.8)	227 (8.9)	53 (2.1)	4 (8.8)		50.5 (2.0)	274 (10.8)	77 (3.0)	7 (15.4)													
2-3/16	55	TWL2-055																	TWL4-055						TWL8-052				
2-1/4	57	TWL2-057																	TWL4-225						TWL8-054				
2-5/16	59	TWL2-059	45.5 (1.8)	185 (7.3)	43 (1.7)	2 (4.4)	TWL4-059	47.5 (1.9)	227 (8.9)	53 (2.1)	4 (8.8)		53 (2.1)	274 (10.8)	77 (3.0)	7.5 (16.5)													
2-3/8	60	TWL2-060																	TWL4-060						TWL8-055				
2-7/16	62																		TWL4-062						TWL8-057				
2-1/2	63						TWL4-063	50 (2.0)	227 (8.9)	53 (2.1)	4 (8.8)		53 (2.1)	274 (10.8)	77 (3.0)	7.5 (16.5)													
2-9/16	65						TWL4-065														TWL8-062								
2-5/8	67						TWL4-067														TWL8-063								
2-11/16	68						TWL4-068	53 (2.1)	229 (9.0)	56 (2.2)	4 (8.8)		56 (2.2)	274 (10.8)	77 (3.0)	7.5 (16.5)													
2-3/4	70						TWL4-070														TWL8-065								
2-13/16	71						TWL4-071														TWL8-067								
2-7/8	73						TWL4-073	55.5 (2.2)	229 (9.0)	56 (2.2)	4.5 (9.9)		58.5 (2.3)	274 (10.8)	77 (3.0)	7.5 (16.5)													
2-15/16	75						TWL4-075														TWL8-068								
3	77						TWL4-077														TWL8-070								
3-1/16	78						TWL4-313	59 (2.3)	230 (9.1)	58 (2.3)	4.5 (9.9)		62 (2.4)	277 (10.9)	72 (2.8)	8 (17.6)													
3-1/8	80						TWL4-080														TWL8-071								
3-3/16	81																				TWL8-073								
3-1/4	83												TWL8-075																
3-5/16	84												TWL8-077																
3-3/8	85												TWL8-079																
3-7/16	87												TWL8-081																
	89												TWL8-083																
3-1/2	90												TWL8-084																
3-9/16	91												TWL8-085																
3-5/8	92												TWL8-087																
3-11/16	94												TWL8-089																
3-3/4	95												TWL8-090																
3-13/16	97												TWL8-091																
	99												TWL8-092																
3-7/8	100												TWL8-094																
													TWL8-095																
													TWL8-097																
													TWL8-388																
													TWL8-100																



MORE SOLUTIONS ON NEXT PAGE

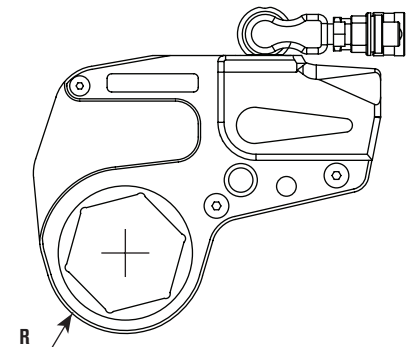
## Ordering Information

### 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.

Nut A/F		Link Order No.	TWLC15			Weight (Link Only) kg (lb)	TWLC30			Weight (Link Only) kg (lb)	Nut A/F		Link Order No.	TWLC30 (Continued)			Weight (Link Only) kg (lb)
Inch	Metric		Radius R mm (in)	I mm (in)	J mm (in)		Link Order No.	Radius R mm (in)	I mm (in)		J mm (in)	Inch		Metric	Radius R mm (in)	I mm (in)	
2-7/16	62	TWL15-062									4-13/16	122	TWL30-122				
2-1/2	63	TWL15-063									123	TWL30-123					
2-9/16	65	TWL15-065	60.5 (2.4)	313 (12.3)	88 (3.5)	12.5 (27.5)					4-7/8	124	TWL30-124	99 (3.9)	400 (15.7)	109 (4.3)	28.5 (62.7)
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				
2-13/16	71	TWL15-071									5-1/8	130	TWL30-130				
2-7/8	73	TWL15-073	63 (2.5)	313 (12.3)	88 (3.5)	12.5 (27.5)					5-3/16	132	TWL30-132	105 (4.1)	400 (15.7)	109 (4.3)	28.5 (62.7)
2-15/16	75	TWL15-075									5-1/4	133	TWL30-133				
3	77	TWL15-077									5-3/8	135	TWL30-135				
3-1/16	78	TWL15-313	66.5 (2.6)	313 (12.3)	88 (3.5)	13 (28.6)					137	TWL30-538					
3-1/8	80	TWL15-080									5-7/16	138	TWL30-138				
3-3/16	81	TWL15-081									5-1/2	140	TWL30-140				
3-1/4	83	TWL15-083									5-9/16	141	TWL30-141	110 (4.3)	400 (15.7)	109 (4.3)	28.5 (62.7)
3-5/16	84	TWL15-084									5-5/8	143	TWL30-143				
3-3/8	85	TWL15-085	72 (2.8)	313 (12.3)	8 (0.3)	13.5 (29.7)		77 (3.0)	393 (15.5)	104 (4.1)	26.5 (58.3)	5-11/16	144	TWL30-144			
3-7/16	87	TWL15-087									5-3/4	145	TWL30-145				
	89	TWL15-089									146	TWL30-146					
3-1/2	90	TWL15-090									5-13/16	148	TWL30-148				
3-9/16	91	TWL15-091									5-7/8	149	TWL30-149				
3-5/8	92	TWL15-092									150	TWL30-150					
3-11/16	94	TWL15-094									5-15/16	151	TWL30-151	116 (4.6)	400 (15.7)	109 (4.3)	29.5 (64.9)
3-3/4	95	TWL15-095	78 (3.1)	316 (12.4)	80 (3.1)	13.5 (29.7)		83 (3.3)	393 (15.5)	104 (4.1)	26.5 (58.3)	6	152	TWL30-152			
3-13/16	97	TWL15-097									6-1/16	154	TWL30-154				
	99	TWL15-388									6-1/8	155	TWL30-155				
3-7/8	100	TWL15-100															
4	102	TWL15-102															
4-1/16	103	TWL15-103															
4-1/8	105	TWL15-105	82.5 (3.2)	316 (12.4)	80 (3.1)	14 (30.8)											
4-3/16	106	TWL15-106															
4-1/4	108	TWL15-425															
4-5/16	110	TWL15-110															
4-3/8	111	TWL15-111															
4-7/16	113	TWL15-113															
4-1/2	114	TWL15-114	87.5 (3.4)	316 (12.4)	80 (3.1)	14 (30.8)											
	115	TWL15-115															
4-9/16	116	TWL15-116															
4-5/8	117	TWL15-463															
4-11/16	119																
4-3/4	120																



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

12 point links available upon request. Please contact factory.

## Ordering Information

### TO SPECIFY A TWLC SOLUTION:

1. Find a link for your application (nut size) (page24-27)
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.



## Specifications and Dimensional Data

Body Order No.	Link Order No.	Nut A/F		Reducer			Reducer			Reducer		
		in	mm	in	mm	Order No.	in	mm	Order No.	in	mm	Order No.
TWLC15	TWL15-070	2-3/4	70	2-3/4 - 2-9/16	70-65	TWR15-070065	2-3/4 - 2-3/8	70-60	TWR15-070060	2-3/4 - 2-3/16	70-55	TWR15-070055
	TWL15-075	2-15/16	75	2-15/16 - 2-3/4	75-70	TWR15-075070	2-15/16 - 2-9/16	75-65	TWR15-075065	2-15/16 - 2-3/8	75-60	TWR15-075060
	TWL15-080	3-1/8	80	3-1/8 - 2-15/16	80-75	TWR15-080075	3-1/8 - 2-3/4	80-70	TWR15-080070	3-1/8 - 2-9/16	80-65	TWR15-080065
	TWL15-085	3-3/8	85	3-3/8 - 3-1/8	85-80	TWR15-085080	3-3/8 - 2-15/16	85-65	TWR15-085065	3-3/8 - 2-3/4	85-70	TWR15-085070
	TWL15-090	3-1/2	90	3-1/2 - 3-3/8	90-85	TWR15-090085	3-1/2 - 3-1/8	90-80	TWR15-090080	3-1/2 - 2-15/16	90-75	TWR15-090075
	TWL15-095	3-3/4	95	3-3/4 - 3-1/2	95-90	TWR15-095090	3-3/4 - 3-3/8	95-85	TWR15-095085	3-3/4 - 3-1/8	95-80	TWR15-095080
	TWL15-100	3-7/8	100	3-7/8 - 3-3/4	100-95	TWR15-100095	3-7/8 - 3-1/2	100-90	TWR15-100090	3-7/8 - 3-3/8	100-85	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
TWL30	TWL30-080	3-1/8	80	3-1/8 - 2-15/16	80-75	TWR30-080075	3-1/8 - 2-3/4	80-70	TWR30-080070	3-1/8 - 2-9/16	80-65	TWR30-080065
	TWL30-085	3-3/8	85	3-3/8 - 3-1/8	85-80	TWR30-085080	3-3/8 - 2-15/16	85-65	TWR30-085065	3-3/8 - 2-3/4	85-70	TWR30-085070
	TWL30-090	3-1/2	90	3-1/2 - 3-3/8	90-85	TWR30-090085	3-1/2 - 3-1/8	90-80	TWR30-090080	3-1/2 - 2-15/16	90-75	TWR30-090075
	TWL30-095	3-3/4	95	3-3/4 - 3-1/2	95-90	TWR30-095090	3-3/4 - 3-3/8	95-85	TWR30-095085	3-3/4 - 3-1/8	95-80	TWR30-095080
	TWL30-100	3-7/8	100	3-7/8 - 3-3/4	100-95	TWR30-100095	3-7/8 - 3-1/2	100-90	TWR30-100090	3-7/8 - 3-3/8	100-85	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	5-3/8	135	5-3/8 - 5	135-125	TWR30-135125	5-3/8 - 4-5/8	135-120	TWR30-135120	5-3/8 - 4-1/4	135-115	TWR30-135115
	TWL30-145	5-3/4	145									
	TWL30-150	-	150									
	TWL30-155	6-1/8	155									

AVAILABLE UPON REQUEST



## TORQUE WRENCH REACTION ARMS - TWLC

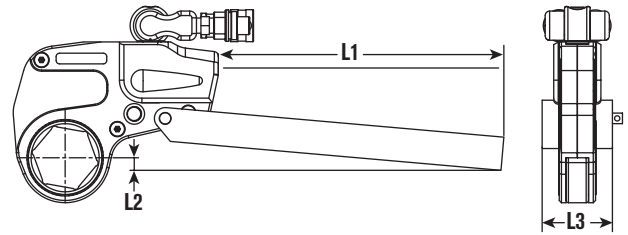
### TWLC REACTION BAR TWLC-RB



- 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

SPX FLOW Bolting Systems offer a varied range of alternative and optional reaction accessories, which help to find a reaction point solution no matter how unusual the bolted application is.

#### Specifications and Dimensional Data



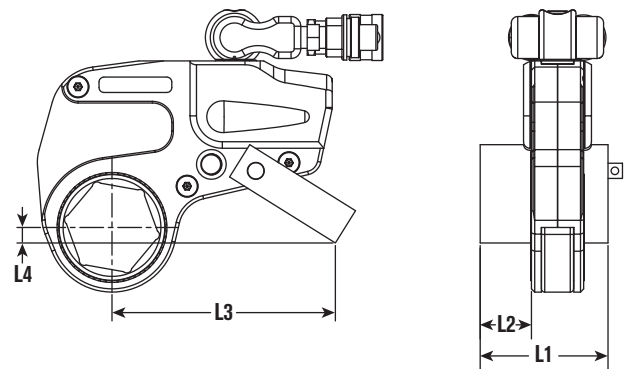
Tool Ref	Order No.	L1		L2		L3		Weight kg
		mm	in	mm	in	mm	in	
TWLC2	TWLC2-RB	381	15	28	1.10	55	2.17	2.6
TWLC4	TWLC4-RB	457	18	35	1.38	66	2.60	4.8
TWLC8	TWLC8-RB	457	18	37	1.46	85	3.35	9
TWLC15	TWLC15-RB	508	20	40	1.57	102	4.01	14.5
TWLC30	TWLC30-RB	508	20	35	1.38	127	5	27

### 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

#### Specifications and Dimensional Data



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



**HAVE A UNIQUE APPLICATION?  
DOES STANDARD PRODUCT NOT FIT?**



**CUSTOM REACTION PADS AND REDUCERS ARE AVAILABLE.**

Contact SPX FLOW or an authorized distributor for more details

**WHEN NOTHING ELSE WILL WORK,  
SPLIT ADAPTERS ARE MADE TO  
ORDER AND AVAILABLE UPON  
REQUEST.**



TWLC15 split adapter,  
closed position



TWLC15 split adapter,  
open position