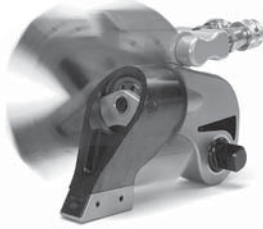


# TORQUE WRENCH

## Square Drive Series

MAX TORQUE 33,496 Nm 700 bar  
24,705 Ft-Lb 10,152 PSI

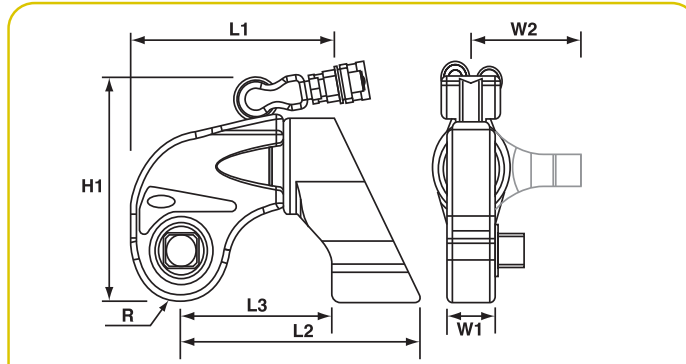


360° SWIVEL



### HYDRAULIC SQUARE DRIVE TORQUE WRENCHES

- Low Weight, High Strength Design
- Superior Torsional Strength
- Fast Operation Cycle
- Fine Tooth Pawl
- Floating Piston Design
- Internal Swivel Manifold Relief
- Rigid Steel Body Construction
- Compact Frame Size



- Push Button Reversal of Square Drive
- Corrosion Resistant Finish
- 360° Reaction Arm
- Push to Click Reaction Arms
- Multi-Axis High Flow Swivel Manifold
- Simple Design
- Consistent Torque Output
- Fully Enclosed Drive Mechanism
- Accurate Torque Output
- Powerthon™ Lifetime Warranty

Tool Model	L1		L2		L3		H1		R		W1		W2	
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
<b>TWSD1</b>	5.5	139	6.7	170	4.4	112	5.7	145	1.1	28	1.3	33	3.4	86
<b>TWSD3*</b>	6.7	170	7.7	196	4.9	124	6.9	175	1.5	38	1.8	46	4.1	104
<b>TWSD6*</b>	7.7	196	9.3	236	5.6	142	8.1	206	1.8	46	2.0	51	5.4	137
<b>TWSD11</b>	9.2	234	11.5	292	7.0	178	9.5	241	2.2	56	2.4	61	6.5	165
<b>TWSD25</b>	12.0	305	14.8	376	9.1	231	12.4	315	2.8	71	3.0	76	7.9	200



Tool Model	Square Drive		Max. Torque		Tool Weight	
	(in.)	(mm)	(ft. lbs.)	(Nm)	(lbs.)	(kg)
<b>TWSD1</b>	3/4	19.0	1,390	1800	5.1	2.3
<b>TWSD3*</b>	1	25.4	3,070	4160	9.9	4.5
<b>TWSD6*</b>	1 1/2	38.1	6,020	8157	17.4	7.9
<b>TWSD11</b>	1 1/2	38.1	10,940	14823	28.9	13.1
<b>TWSD25</b>	2 1/2	63.5	24,700	33496	65.0	29.5

\*These models are obsolete, replaced by TWHC Series Wrench, refer to the Bolting Systems Catalog.

## SQUARE DRIVE HEX DRIVES AND SOCKETS

Torque Wrench	Hexagon Drive Size		Hexagon Drive Size	
	A/F (in.)	Part No.	A/F (mm)	Part No.
TWS D1	0.63	TWD1-063	17mm	TWD1-017
	0.75	TWD1-075	19mm	TWD1-019
	0.88	TWD1-088	22mm	TWD1-022
	1.00	TWD1-100	24mm	TWD1-024
	-	-	27mm	TWD1-027
TWS D3	0.63	TWD3-063	17mm	TWD3-017
	0.75	TWD3-075	19mm	TWD3-019
	0.88	TWD3-088	22mm	TWD3-022
	1.00	TWD3-100	24mm	TWD3-024
	1.13	TWD3-113	27mm	TWD3-027
	1.25	TWD3-125	30mm	TWD3-030
	1.38	TWD3-138	32mm	TWD3-032
TWS D6	0.88	TWD6-088	22mm	TWD6-022
	1.00	TWD6-100	24mm	TWD6-024
	1.13	TWD6-113	27mm	TWD6-027
	1.25	TWD6-125	30mm	TWD6-030
	1.38	TWD6-138	32mm	TWD6-032
	1.50	TWD6-150	36mm	TWD6-036
TWS D11	1.63	TWD6-163	41mm	TWD6-041
	1.13	TWD11-113	27mm	TWD11-027
	1.25	TWD11-125	30mm	TWD11-030
	1.38	TWD11-138	32mm	TWD11-032
	1.50	TWD11-150	36mm	TWD11-036
	1.63	TWD11-163	41mm	TWD11-041
	1.75	TWD11-175	46mm	TWD11-046
TWS D25	1.50	TWD25-150	36mm	TWD25-036
	1.63	TWD25-163	41mm	TWD25-041
	1.75	TWD25-175	46mm	TWD25-046
	1.88	TWD25-188	50mm	TWD25-050
	2.00	TWD25-200	55mm	TWD25-055
	2.25	TWD25-225	60mm	TWD25-060
	2.50	TWD25-250	65mm	TWD25-065
2.75	TWD25-275	70mm	TWD25-070	



Socket Size in.	3/4" Drive Part No.	1" Drive Part No.	1-1/2" Drive Part No.	2-1/2" Drive Part No.	Socket Size mm	3/4" Drive Part No.	1" Drive Part No.	1-1/2" Drive Part No.	2-1/2" Drive Part No.
7/8	TWSIA088	TWSIB088	-	-	22	TWSMA022	TWSMB022	-	-
1-1/16	TWSIA106	TWSIB106	-	-	24	TWSMA024	TWSMB024	-	-
1-1/4	TWSIA125	TWSIB125	-	-	32	TWSMA032	TWSMB032	-	-
1-3/8	TWSIA138	TWSIB138	-	-	36	TWSMA036	TWSMB036	-	-
1-7/16	TWSIA144	TWSIB144	-	-	41	TWSMA041	TWSMB041	TWSMC041	-
1-5/8	TWSIA163	TWSIB163	TWSIC163	-	46	TWSMA046	TWSMB046	-	-
1-13/16	TWSIA181	TWSIB181	-	-	50	TWSMA050	TWSMB050	-	-
2	TWSIA200	TWSIB200	TWSIC200	-	55	-	TWSMB055	-	-
2-3/16	TWSIA219	TWSIB219	TWSIC219	-	60	-	TWSMB060	TWSMC060	-
2-3/8	TWSIA238	TWSIB238	TWSIC238	-	65	-	TWSMB065	TWSMC065	-
2-9/16	-	TWSIB256	TWSIC256	-	70	-	TWSMB070	TWSMC070	-
2-3/4	-	TWSIB275	TWSIC275	-	75	-	TWSMB075	TWSMC075	-
2-15/16	-	TWSIB294	TWSIC294	-	80	-	TWSMB080	TWSMC080	TWSMF080
3-1/8	-	TWSIB313	TWSIC313	TWSIF313	85	-	TWSMB085	TWSMC085	TWSMF085
3-3/8	-	TWSIB338	TWSIC338	TWSIF338	90	-	TWSMB090	TWSMC090	TWSMF090
3-1/2	-	TWSIB350	TWSIC350	TWSIF350	95	-	TWSMB095	TWSMC095	TWSMF095
3-3/4	-	TWSIB375	TWSIC375	TWSIF375	100	-	TWSMB100	-	TWSMF100
3-7/8	-	TWSIB388	-	TWSIF388	110	-	TWSMB110	TWSMC110	TWSMF110
4-1/8	-	TWSIB413	TWSIC413	TWSIF413	115	-	-	TWSMC115	TWSMF115
4-1/4	-	TWSIB425	TWSIC425	TWSIF425	120	-	-	TWSMC120	-
4-5/8	-	-	TWSIC463	TWSIF463	135	-	-	-	TWSMF135
5	-	-	-	TWSIF500	150	-	-	-	TWSMF150
5-3/8	-	-	-	TWSIF538					
5-3/4	-	-	-	TWSIF575					
6-1/8	-	-	-	TWSIF613					

