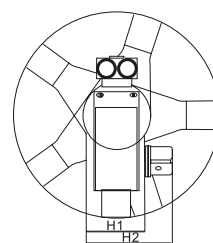
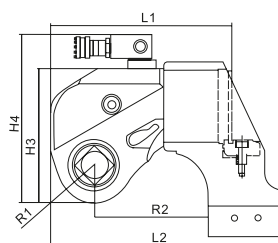


DTW SERIES

Square Drive Hydraulic Torque Wrench

1. Max working pressure up to 700 Bar, accuracy up to $\pm 3\%$
2. A total of ten models from 112-72000Nm, the most complete models and widest coverage of bolts in the market
3. Multi-Axis swivel provides greater range of movement, to allow better positioning of hose to move
4. Square driver connects with high strength sockets, bolts used for a wide range of applications
5. The trigger type lock can place the 360° fine-tuning type reaction arm on any fixed fulcrum
6. Aluminum and titanium alloy forming body, high strength, high toughness
7. New type anti-loose joints to ensure the oil flows smoothly



Model	Torque Range (N.m)	Weight (kg)	L1	L2	H1	H2	H3	H4	R1	R2	Square Drive
DTW-01	183-1837	2	130	182	50	72	99	144	26	99	3/4"
DTW-03	451-4512	4	166	241	68	95	130	176	34	134	1"
DTW-05	752-7528	7	198	281	80	123	155	198	39	152	1-1/2"
DTW-08	1078-10780	9.1	213	308	90	130	171	216	47	171	1-1/2"
DTW-10	1551-15516	13.1	231	336	100	141	187	230	51	174	1-1/2"
DTW-15	2062-20627	18	270	400	110	179	201	244	55	195	2-1/2"
DTW-20	2666-26664	25	295	443	120	182	228	268	59	250	2-1/2"
DTW-25	3472-34725	31	314	464	137	200	255	295	67	251	2-1/2"
DTW-35	4866-48666	45	355	489	153	217	290	330	79	271	2-1/2"
DTW-50	7200-72000	85	386	516	161	223	307	352	81	259	2-1/2"

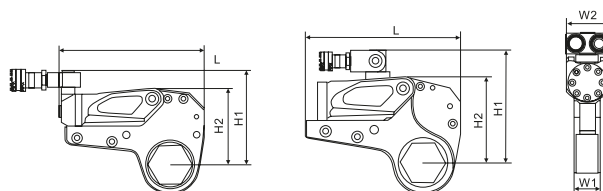
Notes: all kinds of special specifications of drive shafts, drive wheels and reaction arms can be customized.



DLW SERIES

Low Profile Hydraulic Torque Wrench

1. Max working pressure up to 700 Bar, accuracy up to $\pm 3\%$
2. A total of six models from 232-44593Nm
3. 360° x 180° and 360° x 360° rotation hose connectors optional, used without limited space
4. Integrated lengthen design, longer arm, reliability enhanced
5. Aluminum and titanium alloy forming body, high strength, high toughness
6. New type anti-loose joints to ensure the oil flows smoothly
7. Anti-stop pawl design can prevent the wrench ratchet from reversing, higher work efficiency and torque accuracy
8. Hollow design, wrench directly acts on the nut, more accurate torque and lighter



Model	Torque Range (N.m)	A/F (mm)	Drive Head Weight (kg)	Working Head Weight (kg)	L	H1	H2	W1	W2
DLW-02	232-2328	19-55	0.9	1.5	196	126	102	32	51
	242-2414	60	0.9	1.5	196	129	105	32	51
DLW-04	585-5858	34-65	1.7	3.4	258	163	136	42	66
	647-6474	70-80	1.7	3.4	263	173	146	42	66
DLW-08	1094-10941	41-95	3.0	6.3	300	192	168	53	83
	1177-11774	100-105	3.1	6.3	311	201	177	53	83
DLW-14	1852-18521	50-117	4.6	11.4	360	225	204	64	99
DLW-18	2695-26958	65-130	6.5	14.3	388	264	231	71	109
DLW-30	4188-41882	110-155	10.4	20.5	430	303	272	85	131
	4459-44593	160-175	10.4	20.5	441	315	285	85	131

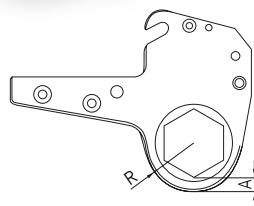
Notes: all kinds of special specifications of drive shafts, drive wheels and reaction arms can be customized.



DLW SERIES

Hydraulic Torque Wrench Power Head

The DLW Series Hydraulic Wrench is the perfect tool for those low clearance applications which has inaccessible areas. Not only does it eliminate problems with tight clearances, its long neck with compact design and small radius will be able to achieve great success in bolting areas. With a combination of a drive body and a ratchet link to complete a set. Each tool are sold separately.



Adjustable casing

Adjustable casing cooperates with DLW series working head, so that a single working head can match multiple bolt size, which can greatly improve the adaptability of different conditions.

Standard working head selection table of hollow torque wrench

Bolt Dia.	A/F	DLW-02		DLW-04		DLW-08		DLW-14		DLW-18		DLW-30	
mm	mm	R(mm)	A(mm)	R(mm)	A(mm)	R(mm)	A(mm)	R(mm)	A(mm)	R(mm)	A(mm)	R(mm)	A(mm)
12	19	27	16										
14	22	27	14										
18	27	27	11										
20	30	29	12										
	32	29	11										
22	34	31	11	36	16								
24	36	31	10	36	15								
27	41	34	10	39	15	50	26						
30	46	37	10	42	15	50	23						
33	50	40	11	44	15	50	21	66	37				
36	55	43	11	46	14	50	18	66	34				
39	60	46	11	50	15	55	20	66	31				
42	65			53	15	55	17	66	28	62	23		
45	70			56	15	60	20	66	25	65	23		
48	75			59	15	60	17	66	22	67	22		
52	80			61	15	66	19	66	19	70	22		
56	85					66	16	72	22	72	23		
60	90					71	19	72	20	74	22		
64	95					71	16	77	22	77	23	89	34
68	100					78	20	77	19	79	22	89	31
72	105					78	17	83	22	82	23	89	38
76	110							83	19	84	22	89	25
80	115							87	20	89	24	95	28
	117							87	19	89	23	95	27
85	120									92	23	95	25
	125									94	23	104	32
90	130									98	23	104	29
95	135											104	26
	140											110	29
100	145											110	26
105	150											116	29
110	155											116	26
	160											128	36
115	165											128	33
120	170											128	30
	175											128	27

DTW-wrench pressure & Torque - comparison table

Model	DTW-01	DTW-03	DTW-05	DTW-08	DTW-10	DTW-15	DTW-20	DTW-25	DTW-35	DTW-50
Bar	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m
70	183	451	752	1078	1551	2062	2666	3472	4866	7200
80	209	515	860	1232	1773	2356	3047	3968	5561	8229
90	236	580	967	1386	1994	2651	3428	4464	6256	9257
100	262	644	1075	1540	2216	2946	3809	4960	6952	10286
110	288	709	1182	1694	2438	3240	4190	5456	7647	11314
120	314	773	1290	1848	2659	3535	4571	5952	8342	12343
130	341	838	1397	2002	2881	3829	4952	6448	9037	13371
140	367	902	1505	2156	3103	4124	5332	6945	9733	14400
150	393	967	1612	2310	3324	4419	5713	7441	10428	15429
160	419	1031	1720	2464	3546	4713	6094	7937	11123	16457
170	446	1096	1828	2618	3768	5008	6475	8433	11818	17486
180	472	1160	1935	2772	3989	5302	6856	8929	12514	18514
190	498	1225	2043	2926	4211	5597	7237	9425	13209	19543
200	524	1289	2150	3080	4433	5891	7618	9921	13904	20571
210	551	1353	2258	3234	4654	6186	7999	10417	14599	21600
220	577	1418	2365	3388	4876	6481	8380	10913	15295	22629
230	603	1482	2473	3542	5098	6775	8761	11409	15990	23657
240	629	1547	2580	3696	5319	7070	9142	11905	16685	24686
250	656	1611	2688	3850	5541	7364	9523	12401	17380	25714
260	682	1676	2796	4004	5763	7659	9903	12898	18076	26743
270	708	1740	2903	4158	5984	7953	10284	13394	18771	27771
280	734	1805	3011	4312	6206	8248	10665	13890	19466	28800
290	761	1869	3118	4466	6428	8543	11046	14386	20161	29829
300	787	1934	3226	4620	6649	8837	11427	14882	20856	30857
310	813	1998	3333	4774	6871	9132	11808	15378	21552	31886
320	839	2063	3441	4928	7093	9426	12189	15874	22247	32914
330	866	2127	3548	5082	7314	9721	12570	16370	22942	33943
340	892	2191	3656	5236	7536	10015	12951	16866	23637	34971
350	918	2256	3764	5390	7758	10310	13332	17362	24333	36000
360	944	2320	3871	5544	7979	10605	13713	17858	25028	37029
370	971	2385	3979	5698	8201	10899	14094	18354	25723	38057
380	997	2449	4086	5852	8423	11194	14475	18850	26418	39086
390	1023	2514	4194	6006	8644	11488	14855	19347	27114	40114
400	1049	2578	4301	6160	8866	11783	15236	19843	27809	41143
410	1076	2643	4409	6314	9088	12077	15617	20339	28504	42171
420	1102	2707	4516	6468	9309	12372	15998	20835	29199	43200
430	1128	2772	4624	6622	9531	12667	16379	21331	29895	44229
440	1154	2836	4732	6776	9753	12961	16760	21827	30590	45257
450	1181	2900	4839	6930	9974	13256	17141	22323	31285	46286
460	1207	2965	4947	7084	10196	13550	17522	22819	31980	47314
470	1233	3029	5054	7238	10418	13845	17903	23315	32676	48343
480	1259	3094	5162	7392	10639	14139	18284	23811	33371	49371
490	1286	3158	5269	7546	10861	14434	18665	24307	34066	50400
500	1312	3223	5377	7700	11083	14729	19046	24803	34761	51429
510	1338	3287	5484	7854	11304	15023	19427	25299	35456	52457
520	1364	3352	5592	8008	11526	15318	19807	25796	36152	53486
530	1391	3416	5700	8162	11748	15612	20188	26292	36847	54514
540	1417	3481	5807	8316	11969	15907	20569	26788	37542	55543
550	1443	3545	5915	8470	12191	16201	20950	27284	38237	56571
560	1469	3610	6022	8624	12413	16496	21331	27780	38933	57600
570	1496	3674	6130	8778	12634	16791	21712	28276	39628	58629
580	1522	3738	6237	8932	12856	17085	22093	28772	40323	59657
590	1548	3803	6345	9086	13078	17380	22474	29268	41018	60686
600	1574	3867	6452	9240	13299	17674	22855	29764	41714	61714
610	1601	3932	6560	9394	13521	17969	23236	30260	42409	62743
620	1627	3996	6668	9548	13743	18263	23617	30756	43104	63771
630	1653	4061	6775	9702	13964	18558	23998	31252	43799	64800
640	1679	4125	6883	9856	14186	18853	24378	31749	44495	65829
650	1706	4190	6990	10010	14408	19147	24759	32245	45190	66857
660	1732	4254	7098	10164	14629	19442	25140	32741	45885	67886
670	1758	4319	7205	10318	14851	19736	25521	33237	46580	68914
680	1784	4383	7313	10472	15073	20031	25902	33733	47276	69943
690	1811	4448	7420	10626	15294	20325	26283	34229	47971	70971
700	1837	4512	7528	10780	15516	20627	26664	34725	48666	72000