

RT-25

SQUARE DRIVE

HYDRAULIC TORQUE WRENCH

Pressure/Torque Conversion Chart

How to use this chart

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value. *Please ensure that the gauge calibration certificate is current.*
- 3 Appreciate the powerful torque output and the accuracy of the RT-25. Enjoy the hands-free feature and work from a safe distance. *Your safety is our main priority.*

Scan the code to see how to use this document, or go to rapidtorc.com/torque_setup



RAPID-TORC®
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email support@rapidtorc.com
website www.rapidtorc.com

PSI	FT.LB.	BAR	NM
1500	3884	104	5265
1600	4142	110	5616
1800	4660	124	6318
2000	5178	138	7020
2200	5696	152	7722
2400	6214	165	8425
2600	6731	179	9127
2800	7249	193	9829
3000	7767	207	10531
3200	8285	220	11233
3400	8803	234	11935
3600	9320	248	12637
3800	9838	262	13339
4000	10356	276	14041
4200	10874	290	14743
4400	11392	303	15445
4600	11909	317	16147
4800	12427	331	16849
5000	12945	345	17551
5200	13463	358	18253
5400	13981	372	18955
5600	14498	386	19657
5800	15016	400	20359
6000	15534	414	21061
6200	16052	427	21763
6400	16570	441	22465
6600	17087	455	23167
6800	17605	468	23869
7000	18123	482	24571
7200	18641	496	25273
7400	19159	510	25975
7600	19676	524	26677
7800	20194	538	27379
8000	20712	552	28081
8200	21230	565	28783
8400	21748	579	29485
8600	22265	593	30187
8800	22783	607	30889
9000	23301	620	31591
9200	23819	634	32293
9400	24337	648	32995
9600	24854	662	33697
9800	25372	676	34400
10000	25890	690	35102

SQUARE DRIVE QUICK SETUP

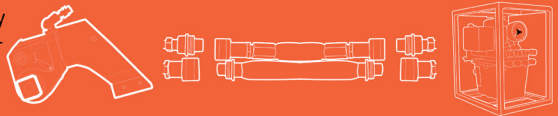
1

Connect your socket to your square drive. **ALWAYS** use the safety connector pin and the safety ring for added safety.



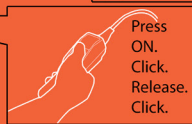
2

Make sure your hoses are free of any defects. Connect hose to the corresponding couplers on the pump and tool.



3

Cycle the tool.



4

NOTE: Easy to remember tool position for tightening and loosening.

Tightening.



Loosening.

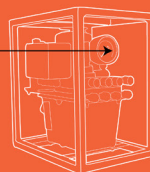


5

Use the pressure/torque conversion chart to set the psi for the torque value you need.

NOTE: Only use the chart that corresponds to the tool

TOOL		FAST WHEELS	
APPLICABLE HOSE RANGE		1/2"	3/4"
1	1/2"	100-150	100-150
2	3/4"	100-150	100-150
3	1"	100-150	100-150
4	1 1/4"	100-150	100-150
5	1 1/2"	100-150	100-150
6	1 3/4"	100-150	100-150
7	2"	100-150	100-150
8	2 1/4"	100-150	100-150
9	2 1/2"	100-150	100-150
10	2 3/4"	100-150	100-150
11	3"	100-150	100-150
12	3 1/4"	100-150	100-150
13	3 1/2"	100-150	100-150
14	3 3/4"	100-150	100-150
15	4"	100-150	100-150
16	4 1/4"	100-150	100-150
17	4 1/2"	100-150	100-150
18	4 3/4"	100-150	100-150
19	5"	100-150	100-150
20	5 1/4"	100-150	100-150
21	5 1/2"	100-150	100-150
22	5 3/4"	100-150	100-150
23	6"	100-150	100-150
24	6 1/4"	100-150	100-150
25	6 1/2"	100-150	100-150
26	6 3/4"	100-150	100-150
27	7"	100-150	100-150
28	7 1/4"	100-150	100-150
29	7 1/2"	100-150	100-150
30	7 3/4"	100-150	100-150
31	8"	100-150	100-150
32	8 1/4"	100-150	100-150
33	8 1/2"	100-150	100-150
34	8 3/4"	100-150	100-150
35	9"	100-150	100-150
36	9 1/4"	100-150	100-150
37	9 1/2"	100-150	100-150
38	9 3/4"	100-150	100-150
39	10"	100-150	100-150
40	10 1/4"	100-150	100-150
41	10 1/2"	100-150	100-150
42	10 3/4"	100-150	100-150
43	11"	100-150	100-150
44	11 1/4"	100-150	100-150
45	11 1/2"	100-150	100-150
46	11 3/4"	100-150	100-150
47	12"	100-150	100-150
48	12 1/4"	100-150	100-150
49	12 1/2"	100-150	100-150
50	12 3/4"	100-150	100-150
51	13"	100-150	100-150
52	13 1/4"	100-150	100-150
53	13 1/2"	100-150	100-150
54	13 3/4"	100-150	100-150
55	14"	100-150	100-150
56	14 1/4"	100-150	100-150
57	14 1/2"	100-150	100-150
58	14 3/4"	100-150	100-150
59	15"	100-150	100-150
60	15 1/4"	100-150	100-150
61	15 1/2"	100-150	100-150
62	15 3/4"	100-150	100-150
63	16"	100-150	100-150
64	16 1/4"	100-150	100-150
65	16 1/2"	100-150	100-150
66	16 3/4"	100-150	100-150
67	17"	100-150	100-150
68	17 1/4"	100-150	100-150
69	17 1/2"	100-150	100-150
70	17 3/4"	100-150	100-150
71	18"	100-150	100-150
72	18 1/4"	100-150	100-150
73	18 1/2"	100-150	100-150
74	18 3/4"	100-150	100-150
75	19"	100-150	100-150
76	19 1/4"	100-150	100-150
77	19 1/2"	100-150	100-150
78	19 3/4"	100-150	100-150
79	20"	100-150	100-150
80	20 1/4"	100-150	100-150
81	20 1/2"	100-150	100-150
82	20 3/4"	100-150	100-150
83	21"	100-150	100-150
84	21 1/4"	100-150	100-150
85	21 1/2"	100-150	100-150
86	21 3/4"	100-150	100-150
87	22"	100-150	100-150
88	22 1/4"	100-150	100-150
89	22 1/2"	100-150	100-150
90	22 3/4"	100-150	100-150
91	23"	100-150	100-150
92	23 1/4"	100-150	100-150
93	23 1/2"	100-150	100-150
94	23 3/4"	100-150	100-150
95	24"	100-150	100-150
96	24 1/4"	100-150	100-150
97	24 1/2"	100-150	100-150
98	24 3/4"	100-150	100-150
99	25"	100-150	100-150
100	25 1/4"	100-150	100-150
101	25 1/2"	100-150	100-150
102	25 3/4"	100-150	100-150
103	26"	100-150	100-150
104	26 1/4"	100-150	100-150
105	26 1/2"	100-150	100-150
106	26 3/4"	100-150	100-150
107	27"	100-150	100-150
108	27 1/4"	100-150	100-150
109	27 1/2"	100-150	100-150
110	27 3/4"	100-150	100-150
111	28"	100-150	100-150
112	28 1/4"	100-150	100-150
113	28 1/2"	100-150	100-150
114	28 3/4"	100-150	100-150
115	29"	100-150	100-150
116	29 1/4"	100-150	100-150
117	29 1/2"	100-150	100-150
118	29 3/4"	100-150	100-150
119	30"	100-150	100-150
120	30 1/4"	100-150	100-150
121	30 1/2"	100-150	100-150
122	30 3/4"	100-150	100-150
123	31"	100-150	100-150
124	31 1/4"	100-150	100-150
125	31 1/2"	100-150	100-150
126	31 3/4"	100-150	100-150
127	32"	100-150	100-150
128	32 1/4"	100-150	100-150
129	32 1/2"	100-150	100-150
130	32 3/4"	100-150	100-150
131	33"	100-150	100-150
132	33 1/4"	100-150	100-150
133	33 1/2"	100-150	100-150
134	33 3/4"	100-150	100-150
135	34"	100-150	100-150
136	34 1/4"	100-150	100-150
137	34 1/2"	100-150	100-150
138	34 3/4"	100-150	100-150
139	35"	100-150	100-150
140	35 1/4"	100-150	100-150
141	35 1/2"	100-150	100-150
142	35 3/4"	100-150	100-150
143	36"	100-150	100-150
144	36 1/4"	100-150	100-150
145	36 1/2"	100-150	100-150
146	36 3/4"	100-150	100-150
147	37"	100-150	100-150
148	37 1/4"	100-150	100-150
149	37 1/2"	100-150	100-150
150	37 3/4"	100-150	100-150
151	38"	100-150	100-150
152	38 1/4"	100-150	100-150
153	38 1/2"	100-150	100-150
154	38 3/4"	100-150	100-150
155	39"	100-150	100-150
156	39 1/4"	100-150	100-150
157	39 1/2"	100-150	100-150
158	39 3/4"	100-150	100-150
159	40"	100-150	100-150
160	40 1/4"	100-150	100-150
161	40 1/2"	100-150	100-150
162	40 3/4"	100-150	100-150
163	41"	100-150	100-150
164	41 1/4"	100-150	100-150
165	41 1/2"	100-150	100-150
166	41 3/4"	100-150	100-150
167	42"	100-150	100-150
168	42 1/4"	100-150	100-150
169	42 1/2"	100-150	100-150
170	42 3/4"	100-150	100-150
171	43"	100-150	100-150
172	43 1/4"	100-150	100-150
173	43 1/2"	100-150	100-150
174	43 3/4"	100-150	100-150
175	44"	100-150	100-150
176	44 1/4"	100-150	100-150
177	44 1/2"	100-150	100-150
178	44 3/4"	100-150	100-150
179	45"	100-150	100-150
180	45 1/4"	100-150	100-150
181	45 1/2"	100-150	100-150
182	45 3/4"	100-150	100-150
183	46"	100-150	100-150
184	46 1/4"	100-150	100-150
185	46 1/2"	100-150	100-150
186	46 3/4"	100-150	100-150
187	47"	100-150	100-150
188	47 1/4"	100-150	100-150
189	47 1/2"	100-150	100-150
190	47 3/4"	100-150	100-150
191	48"	100-150	100-150
192	48 1/4"	100-150	100-150
193	48 1/2"	100-150	100-150
194	48 3/4"	100-150	100-150
195	49"	100-150	100-150
196	49 1/4"	100-150	100-150
197	49 1/2"	100-150	100-150
198	49 3/4"	100-150	100-150
199	50"	100-150	100-150



Turn the T-handle to the right to set the pressure.

WARNING:

NEVER PLACE HANDS NEAR ACTION OR REACTION POINTS.
ALWAYS WEAR HARD HAT, SAFETY GLOVES, GOGGLES, STEELTOE BOOTS AND EARPLUGS
THE PUMP AND THE TOOL SHOULD BE OPERATED BY THE SAME PERSON.