

# RT-20

## 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-20. 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](http://rapidtorc.com/torque_setup)



**RAPID-TORC®**  
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email [support@rapidtorc.com](mailto:support@rapidtorc.com)  
website [www.rapidtorc.com](http://www.rapidtorc.com)

PSI	FT.LB.	BAR	NM
1500	2964	104	4019
1600	3162	110	4287
1800	3557	124	4822
2000	3952	138	5358
2200	4347	152	5894
2400	4742	165	6430
2600	5138	179	6966
2800	5533	193	7501
3000	5928	207	8037
3200	6323	220	8573
3400	6718	234	9109
3600	7114	248	9645
3800	7509	262	10181
4000	7904	276	10716
4200	8299	290	11252
4400	8694	303	11788
4600	9090	317	12324
4800	9485	331	12860
5000	9880	345	13395
5200	10275	358	13931
5400	10670	372	14467
5600	11066	386	15003
5800	11461	400	15539
6000	11856	414	16075
6200	12251	427	16610
6400	12646	441	17146
6600	13042	455	17682
6800	13437	468	18218
7000	13832	482	18754
7200	14227	496	19289
7400	14622	510	19825
7600	15018	524	20361
7800	15413	538	20897
8000	15808	552	21433
8200	16203	565	21969
8400	16598	579	22504
8600	16994	593	23040
8800	17389	607	23576
9000	17784	620	24112
9200	18179	634	24648
9400	18574	648	25184
9600	18970	662	25719
9800	19365	676	26255
10000	19760	690	26791

# 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.



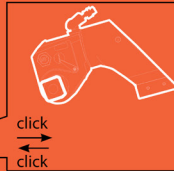
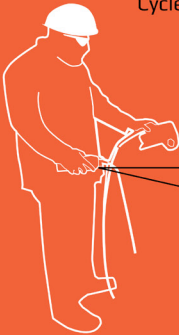
2

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

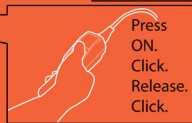


3

Cycle the tool.



click  
→  
←  
click



Press  
ON.  
Click.  
Release.  
Click.

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	
TORQUE RANGE	
APPLICABLE HOSE SIZE	
1	1/2"
2	3/4"
3	1"
4	1 1/4"
5	1 1/2"
6	2"
7	2 1/2"
8	3"
9	3 1/2"
10	4"
11	4 1/2"
12	5"
13	5 1/2"
14	6"
15	6 1/2"
16	7"
17	7 1/2"
18	8"
19	8 1/2"
20	9"
21	9 1/2"
22	10"
23	10 1/2"
24	11"
25	11 1/2"
26	12"
27	12 1/2"
28	13"
29	13 1/2"
30	14"
31	14 1/2"
32	15"
33	15 1/2"
34	16"
35	16 1/2"
36	17"
37	17 1/2"
38	18"
39	18 1/2"
40	19"
41	19 1/2"
42	20"
43	20 1/2"
44	21"
45	21 1/2"
46	22"
47	22 1/2"
48	23"
49	23 1/2"
50	24"
51	24 1/2"
52	25"
53	25 1/2"
54	26"
55	26 1/2"
56	27"
57	27 1/2"
58	28"
59	28 1/2"
60	29"
61	29 1/2"
62	30"
63	30 1/2"
64	31"
65	31 1/2"
66	32"
67	32 1/2"
68	33"
69	33 1/2"
70	34"
71	34 1/2"
72	35"
73	35 1/2"
74	36"
75	36 1/2"
76	37"
77	37 1/2"
78	38"
79	38 1/2"
80	39"
81	39 1/2"
82	40"
83	40 1/2"
84	41"
85	41 1/2"
86	42"
87	42 1/2"
88	43"
89	43 1/2"
90	44"
91	44 1/2"
92	45"
93	45 1/2"
94	46"
95	46 1/2"
96	47"
97	47 1/2"
98	48"
99	48 1/2"
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187	92 1/2"
188	93"
189	93 1/2"
190	94"
191	94 1/2"
192	95"
193	95 1/2"
194	96"
195	96 1/2"
196	97"
197	97 1/2"
198	98"
199	98 1/2"
200	99"
201	99 1/2"
202	100"

How to use this chart

1. Select the torque value you need.

2. Find the corresponding psi value.

3. Set the pressure on the tool.

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

5. Turn the T-handle to the left to release the pressure.

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

7. Turn the T-handle to the left to release the pressure.

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

9. Turn the T-handle to the left to release the pressure.

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

11. Turn the T-handle to the left to release the pressure.

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

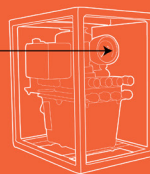
13. Turn the T-handle to the left to release the pressure.

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

15. Turn the T-handle to the left to release the pressure.

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

17. Turn the T-handle to the left to release the pressure.



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.