

RTP5

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 RTP5. 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®
Part of the Atlas Copco Group

email support@rapidtorc.com
website www.rapidtorc.com

PSI	FT.LB.	BAR	NM
1500	60	104	81
1600	64	110	86
1800	71	124	97
2000	79	138	108
2200	87	152	118
2400	95	165	129
2600	103	179	140
2800	111	193	151
3000	119	207	161
3200	127	220	172
3400	135	234	183
3600	143	248	194
3800	151	262	205
4000	159	276	215
4200	167	290	226
4400	175	303	237
4600	183	317	248
4800	191	331	258
5000	199	345	269
5200	206	358	280
5400	214	372	291
5600	222	386	301
5800	230	400	312
6000	238	414	323
6200	246	427	334
6400	254	441	344
6600	262	455	355
6800	270	468	366
7000	278	482	377
7200	286	496	388
7400	294	510	398
7600	302	524	409
7800	310	538	420
8000	318	552	431
8200	326	565	441
8400	333	579	452
8600	341	593	463
8800	349	607	474
9000	357	620	484
9200	365	634	495
9400	373	648	506
9600	381	662	517
9800	389	676	527
10000	397	690	538

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.



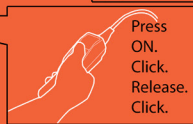
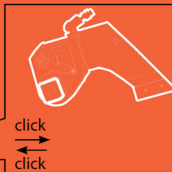
2

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 listening.

Tightening.



Loosening.



5

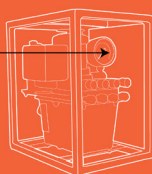
Use the pressure/torque conversion chart to set the psi for the torque value you need.

NOTE: Only use the chart that corresponds to the tool

TOOL		TIGHTENING		LOOSENING	
APPLICABLE TORQUE RANGE		PSI	FT-LBS	PSI	FT-LBS
1	10-15	100	10	100	10
2	15-20	100	15	100	15
3	20-25	100	20	100	20
4	25-30	100	25	100	25
5	30-35	100	30	100	30
6	35-40	100	35	100	35
7	40-45	100	40	100	40
8	45-50	100	45	100	45
9	50-55	100	50	100	50
10	55-60	100	55	100	55
11	60-65	100	60	100	60
12	65-70	100	65	100	65
13	70-75	100	70	100	70
14	75-80	100	75	100	75
15	80-85	100	80	100	80
16	85-90	100	85	100	85
17	90-95	100	90	100	90
18	95-100	100	95	100	95
19	100-105	100	100	100	100
20	105-110	100	105	100	105
21	110-115	100	110	100	110
22	115-120	100	115	100	115
23	120-125	100	120	100	120
24	125-130	100	125	100	125
25	130-135	100	130	100	130
26	135-140	100	135	100	135
27	140-145	100	140	100	140
28	145-150	100	145	100	145
29	150-155	100	150	100	150
30	155-160	100	155	100	155
31	160-165	100	160	100	160
32	165-170	100	165	100	165
33	170-175	100	170	100	170
34	175-180	100	175	100	175
35	180-185	100	180	100	180
36	185-190	100	185	100	185
37	190-195	100	190	100	190
38	195-200	100	195	100	195
39	200-205	100	200	100	200
40	205-210	100	205	100	205
41	210-215	100	210	100	210
42	215-220	100	215	100	215
43	220-225	100	220	100	220
44	225-230	100	225	100	225
45	230-235	100	230	100	230
46	235-240	100	235	100	235
47	240-245	100	240	100	240
48	245-250	100	245	100	245
49	250-255	100	250	100	250
50	255-260	100	255	100	255
51	260-265	100	260	100	260
52	265-270	100	265	100	265
53	270-275	100	270	100	270
54	275-280	100	275	100	275
55	280-285	100	280	100	280
56	285-290	100	285	100	285
57	290-295	100	290	100	290
58	295-300	100	295	100	295
59	300-305	100	300	100	300
60	305-310	100	305	100	305
61	310-315	100	310	100	310
62	315-320	100	315	100	315
63	320-325	100	320	100	320
64	325-330	100	325	100	325
65	330-335	100	330	100	330
66	335-340	100	335	100	335
67	340-345	100	340	100	340
68	345-350	100	345	100	345
69	350-355	100	350	100	350
70	355-360	100	355	100	355
71	360-365	100	360	100	360
72	365-370	100	365	100	365
73	370-375	100	370	100	370
74	375-380	100	375	100	375
75	380-385	100	380	100	380
76	385-390	100	385	100	385
77	390-395	100	390	100	390
78	395-400	100	395	100	395
79	400-405	100	400	100	400
80	405-410	100	405	100	405
81	410-415	100	410	100	410
82	415-420	100	415	100	415
83	420-425	100	420	100	420
84	425-430	100	425	100	425
85	430-435	100	430	100	430
86	435-440	100	435	100	435
87	440-445	100	440	100	440
88	445-450	100	445	100	445
89	450-455	100	450	100	450
90	455-460	100	455	100	455
91	460-465	100	460	100	460
92	465-470	100	465	100	465
93	470-475	100	470	100	470
94	475-480	100	475	100	475
95	480-485	100	480	100	480
96	485-490	100	485	100	485
97	490-495	100	490	100	490
98	495-500	100	495	100	495
99	500-505	100	500	100	500
100	505-510	100	505	100	505

How to use this chart

1. Determine the torque value you need.
2. Find the torque value in the chart.
3. Read the corresponding psi value.
4. Adjust the tool to the psi value.



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.