

## TM-1 TENSION METER CONVERSION TABLE



### Spoke Type

TM-1 Deflection Reading	Round Steel						Round Carbon	Round Titanium	Round Aluminum
	2.0mm	1.8mm	1.7mm	1.6mm	1.5mm	2.3mm	2.6mm	2.0mm	3.3mm
0									
1									
2									
3									
4									
5									
6									
7									
8									
9					51				
10					55		51		
11				53	59		54		
12				57	64		57		
13			52	62	69		61		
14			56	67	75		64		
15		54	61	73	82		68	52	
16		59	67	80	89		73	56	
17	51	65	73	88	97		77	61	
18	56	72	81	96	106		83	66	
19	62	80	89	106	117		88	73	
20	68	89	98	118	129		95	80	
21	76	99	109	130	142		102	88	
22	85	111	122	145	157		109	97	
23	95	124	137	162	175		118	109	
24	107	138	153			57	127	121	
25	121	155	173			66	137	136	
26	137	175				76	148	154	
27	156					87	160	174	
28	179					100	174		
29						116			
30						133			
31						153			
32						176			
33									56
34									65
35									76
36									89
37									105
38									123
39									146
40									174
41									
42									
43									
44									
45									

Conversion units are listed in kilograms force (Kgf) . 1 kilogram force (Kgf)  $\cong$  10 Newtons (N)  $\cong$  2.2 pounds force (lbf).

For more information: [www.parktool.com](http://www.parktool.com)

## TM-1 TENSION METER CONVERSION TABLE



### Spoke Type

	Bladed Steel						Bladed Titanium 2.6x1.4mm	Bladed Aluminum	
	3.6 x .9 mm	3.2x1mm	2.6 x 1.18 mm	2.6x1.4mm	2.1x.09mm 2.3x0.9mm	2.2x1.3mm		4.3x2.1mm	5.3x1.8mm
0									
1									
2									
3									
4									
5	51				51				
6	55				55	50			
7	60				59	53			
8	65				64	56			
9	71	54	51		70	60	53		
10	77	59	55		76	64	57		
11	85	65	60		83	69	62		
12	93	72	65	53	91	75	67		
13	102	80	71	59	100	81	72		
14	113	89	78	65	110	88	79		51
15	126	99	86	72	122	97	86		56
16	140	111	95	79	136	107	95		61
17	156	125	105	88	151	118	105		68
18	175	142	116	98	169	131	116		75
19		161	130	110		146	129		83
20		183	145	123		163	143		92
21		208	162	138			160	56	103
22		239		155				63	115
23				175				71	130
24								81	146
25								92	165
26								104	
27								118	
28								134	
29								153	
30								174	
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									

TM-1 Deflection Reading

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