

TM-1 TENSION METER CONVERSION TABLE



Spoke Type

TM-1 Deflection Reading	Round Steel						Round Carbon 2.6mm	Round Titanium 2.0mm	Round Aluminum 3.3mm
	2.0mm	1.8mm	1.7mm	1.6mm	1.5mm	2.3mm			
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			127	121		
25	121	155	173			137	136		
26	137	175				148	154		
27	156					160	174		
28	179					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									

TM-1 Deflection Reading

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

For more information: www.parktool.com

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Spoke Type

TM-1 Deflection Reading	Bladed Steel				Bladed Titanium 2.6x1.4mm	Bladed Aluminum	
	3.2x1mm	2.6x1.4mm	2.1x1mm	2.2x1.3mm		4.3x2.1mm	5.3x1.8mm
0							
1							
2							
3							
4							
5			51				
6			55	50			
7			59	53			
8			64	56			
9	54		70	60	53		
10	59		76	64	57		
11	65		83	69	62		
12	72	53	91	75	67		
13	80	59	100	81	72		
14	89	65	110	88	79		51
15	99	72	122	97	86		56
16	111	79	136	107	95		61
17	125	88	151	118	105		68
18	142	98	169	131	116		75
19	161	110		146	129		83
20	183	123		163	143		92
21	208	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							
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