TM-1 TENSION METER CONVERSION TABLE

Conversion units are listed in kilograms force (kgf). 1 kilogram force (kgf) ≈ 10 Newtons(N)

TM-1 DEFLECTION READING	Steel Round 2.6mm	Steel Round 2.55mm	Steel Round 2.3mm	Steel Round 2.0mm	Steel Round 1.8mm	Steel Round 1.7mm	Steel Round 1.6mm	Steel Round 1.5mm	Steel Round 1.4mm	Aluminum Round 3.3mm	Aluminum Round 2.8mm	Aluminum Round 2.54mm	Aluminum Round 2.28mm	Aluminum Blade 1.5 x 3.9mm	Aluminum Blade 1.8 x 5.3mm	Aluminum Blade 2.1 x 4.3mm	Titanium Round 2.0mm	Titanium Blade 1.4 x 2.6mm	Mavic R2R Carbon Blade	SPO Spinnergy Round 2.6mm	TM-1 DEFLECTION READING
0																					0
1																					1
2																					2
3																					3
4																					4
5																					5
6																			59		6
7													52						63		7
8								54					58						67		8
9							52	58					65					53	72		9
10							56	63					72					57	77	51	10
11						54	61	69					81					62	82	54	11
12					51	58	66	75					91					67	89	57	12
13					56	64	73	83				55	103					72	96	61	13
14				53	61	70	80	91				61	116	51				79	105	64	14
15				58	67	76	88	100				68	130	56		52		86	119	68	15
16				64	73	84	97	111				77	147	61		56		95	125	73	16
17			53	70	81	93	107	123				86	166	68		61		105	137	77	17
18			58	77	89	103	119	137				96		75		66		116	151	83	18
19			63	85	99	114	133	154				108		83		73		129		88	19
20			70	94	110	128	148	172				121		92		80		143		95	20
21			77	105	122	143	166					137		103	56	88		160		102	21
22		54	86	117	137	160					50	154		115	63	97				109	22
23		59	96	131	154						57	175		130	71	109				118	23
24		66	107	148	174						64			146	81	121				127	24
25		73	120	167							73			165	92	136				137	25
26	54	82	135							51	82				104	154				148	26
27	55 60	92	153							58	94				118	174				160	27
28	62 67	104	173							65	107				134					174	28
29	69 76	117								74	122				153						29
30	78 85	133								83	140				174						30
31	88 97	151								95	160										31
32	100 110	172								108											32
33	114 125								56	123											33
34	130 143								65	141											34
35	150 164								76	162											35
36	172								89												36
37									105												37
38									123												38
39									146												39
40									174												40
41																					41
42																					42
43																					43
44																					44

Steel Round Spokes | Aluminum Round Spokes | Aluminum Blade Spokes | Ti Round | Ti Blade | Mavic | SPO

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Conversion units are listed in kilograms force (kgf). 1 kilogram force (kgf) ≈ 10 Newtons(N)

TM-1 DEFLECTION READING	Steel Blade 0.8 x 2.0mm	Steel Blade 0.9 x 2.2mm	Steel Blade 0.9 x 3.6mm	Steel Blade 1.0 x 2.0–2.2mm	Steel Blade 1.0 x 2.5–2.7mm	Steel Blade 1.0 x 3.2mm	Steel Blade 1.1 x 1.9–2.0mm	Steel Blade 1.1 x 3.0–3.6mm	Steel Blade 1.2 x 2.6mm	Steel Blade 1.2 x 1.9mm	Steel Blade 1.3 x 2.1mm	Steel Blade 1.3 x 2.2–2.5mm	Steel Blade 1.3 x 2.7mm	Steel Blade 1.4 x 2.3mm	Steel Blade 1.4 x 2.6mm	Steel Blade 1.4 x 2.9mm	Steel Blade 1.5 x 2.4–2.6mm	Steel Blade 1.7 x 2.3mm	TM-1 DEFLECTION READING
0																			0
1																			1
2																			2
3	53																		3
4	57																		4
5	62	53	52																5
6	67	57	56	53	50														6
7	73	62	60	57	54	53	51												7
8	80	67	65	62	59	57	56	51		53									8
9	88	73	71	68	64	62	60	55	51	58	51								9
10	96	80	78	74	69	67	65	59	55	63	55								10
11	106	88	85	81	76	73	71	65	59	68	60	53		50					11
12	117	97	93	89	83	80	78	71	65	74	66	57	51	54		53			12
13	130	107	103	98	91	88	86	77	71	82	72	62	56	59	53	58			13
14	145	118	114	108	100	97	94	85	77	90	79	68	61	65	58	63	54		14
15	161	131	126	119	111	107	104	94	85	99	86	74	66	71	63	69	59		15
16		146	141	133	123	119	115	103	94	110	95	82	73	78	69	76	65	54	16
17		163	157	148	137	132	128	115	104	122	106	90	80	86	76	83	71	59	17
18			176	165	153	148	143	128	116	136	117	100	89	95	84	92	78	65	18
19					171	165	160	142	129	152	131	111	98	105	93	102	87	72	19
20							180	160	144	170	146	124	109	117	103	114	96	79	20
21								179	161		164	138	122	131	115	127	107	88	21
22												155	137	146	129	142	120	98	22
23												175	153	165	144	160	134	109	23
24													173		163		151	123	24
25																	170	138	25
26																		156	26
27																		176	27
28																			28
29																			29
30																			30
31																			31
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Park Tool®

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TENSION METER CONVERSION TABLE

Steel Blade Spokes