TM-1 TENSION METER CONVERSION TABLE

Conversion units are listed in kilograms force (Kgf). 1 kilogram force (Kfg) ≅ 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						58	66	75					91					67	89	57	12
13					51	64	73	83				55	103					72	96	61	13
14				53	56	70	80	91				61	116	51				79	105	64	14
15				58	61	76	88	100			50	68	130	56		52		86	119	68	15
16				64	67	84	97	111			57	77	147	61		56		95	125	73	16
17			53	70	73	93	107	123			64	86	166	68		61		105	137	77	17
18			58	77	81	103	119	137			73	96		75		66		116	151	83	18
19			63	85	89	114	133	154			82	108		83		73		129		88	19
20			70	94	99	128	148	172			94	121		92		80		143		95	20
21			77	105	110	143	166				107	137		103	56	88		160		102	21
22		54	86	117	122	160					122	154		115	63	97				109	22
23		59	96	131	137					51	140	175		130	71	109				118	23
24		66	107	148	154					58	160			146	81	121				127	24
25		73	120	167	174					65				165	92	136				137	25
26	54	82	135							74					104	154				148	26
27	55	92	153							83					118	174				160	27
28	62	104	173							95					134					174	28
29	69	117								108					153						29
30	78	133								123					174						30
31	88	151								141											31
32	100	172								162											32
33	114	125							56												33
34	130	143							65												34
35	150	164							76												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 (Kfg) ≅ 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	53	59		58		13
14	145	118	114	108	100	97	94	85	77	90	79	68	61	58	65	54	63		14
15	161	131	126	119	111	107	104	94	85	99	86	74	66	63	71	59	69		15
16		146	141	133	123	119	115	103	94	110	95	82	73	69	78	65	76	54	16
17		163	157	148	137	132	128	115	104	122	106	90	80	76	86	71	83	59	17
18			176	165	153	148	143	128	116	136	117	100	89	84	95	78	92	65	18
19					171	165	160	142	129	152	131	111	98	93	105	87	102	72	19
20							180	160	144	170	146	124	109	103	117	96	114	79	20
21								179	161		164	138	122	115	131	107	127	88	21
22												155	137	129	146	120	142	98	22
23												175	153	144	165	134	160	109	23
24													173	163		151		123	24
25																170		138	25
26																		156	26
27																		176	27
28																			28
29																			29
30																			30
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Park Tool®

TM-1

TENSION METER CONVERSION TABLE

Steel Blade