

## 4.2.2 Measuring the benchmark products w.r.t. metrics (1/2)



#	Metric	Imp.	Unit						
1	Attenuation from dropout to handlebar at 10Hz	3	dB	8	15	10	15	9	13
2	Spring preload	3	N	550	760	500	770	480	680
3	Maximum value from the Monster	5	g	3.6	3.2	3.7	3.3	3.7	3.4
4	Minimum descent time on test track	5	s	13	11.3	12.6	11.2	13.2	11.0
5	Damping coefficient adjustment range	3	N-s/m	0	0	0	200	0	0
6	Maximum travel (26-in. wheel)	3	mm	28	48	43	46	33	38
7	Rake offset	3	mm	41.5	39	38	38	43.2	39
8	Lateral stiffness at the tip	3	kN/m	59	110	85	84	65	130
9	Total mass	4	kg	1.409	1.385	1.409	1.364	1.222	1.100
10	Lateral stiffness at brake pivots	2	kN/m	295	550	425	425	325	650
11	Headset sizes	5	in.	1.000 1.125	1.000 1.125 1.250	1.000 1.125	1.000 1.125 1.250	1.000 1.125	N/A
12	Steertube length	5	mm	150 180 210 230 255	140 165 190 215	150 170 190 210	150 170 190 210 230	150 190 210 220	N/A
13	Wheel sizes	5	List	26 in.	26 in.	26 in.	26 in. 700 mm	26 in.	26 in.