

4.1 Preparing a list of **metrics**

mountain bike suspension fork

ID	Metric	Imp.	Unit
1, 3	Attenuation from dropout to handlebar at 10Hz	3	dB
2, 6	Spring preload	3	N
1, 3	Maximum value from the Monster	5	g
1, 3	Minimum descent time on test track	5	s
4	Damping coefficient adjustment range	3	N-s/m
5	Maximum travel (26-in. wheel)	3	mm
5	Rake offset	3	mm
6	Lateral stiffness at the tip	3	kN/m
7	Total mass	4	kg
8	Lateral stiffness at brake pivots	2	kN/m
9	Headset sizes	5	in.
9	Steertube length	5	mm
9	Wheel sizes	5	List

