

Product Requirements

4.3 Setting ideal and marginally acceptable **target values**

- Five ways to express a value in the metrics:
at least X , at most X , between X and Y , exactly X , discrete values



Metric #1:

Attenuation from drop out to handlebar at 10 Hz > 13 dB

Metric #2:

Spring preload > 700 N

4.4 Translate target values into **target product requirement** statements

- In the form of a formal "*shall-statement*":
"the product [shall | should | can | may] do, be, etc..."



Product Req. #1:

The fork shall have an attenuation from drop out to handlebar at 10 Hz that is at least 13 dB

Product Req. #2:

The fork should have a spring preload of at least 700 N