

Accuracy, Precision and Consistently Repeatable Measurements are key to track set up and performance. Car set ups done directly at the hubs on either **ProHUBStands** or Standard **HUBStands** will have more accurately repeatable measurements to far more precise, tighter tolerances **than can ever be done at the wheels and tires.**

Wheels and Tires are not true, round or stable; adding a wide margin of error in the alignment measurement process. Tires change with rotation, with the ambient conditions and with use. All of that imprecision and change will affect your measurement precision and repeatability.

HUBStands don't change, giving you repeatable precision; while doing it all in a lot less time.

Here's a comparison of the **variance in the repeatability** of key alignment settings when they are set and measured at the hubs on **ProHUBStands** or on Standard **HUBStands** versus the measurement variances when the set up is done and measured at the wheels and tires.

	HUBstands PRO	HUBstands	<u>Wheels/Tires</u>
Ride Height (per corner)	+/-0.001mm (+/-0.0003")	+/- 1mm (+/-0.039")	+/- 3.5mm (+/-0.138")
Ride Height variance affects corner weight and balance values			
Camber	+/- 0.01 degree	+/-0.05 degree	+/- 0.5 degree
Toe Angle, (per wheel Using B&G Strings, 18" wheels)	+/- 1.3 minutes (+/- 0.25 mm)	+/- 2.6 minutes (+/-0.5 mm)	+/- 10.4 minutes (+/- 2 mm)
Total Toe (24.5", 25" tires, Metal tape w/ Toe Plates or Toe Sticks)	+/- 2.6 minutes (+/- 0.5mm)*	+/- 5.2 minute (+/- 1 mm)*	+/- 19.7 minutes (+/- 3.8 mm)*

* The variances in Toe Angle and especially Total Toe measurements are affected by play in the steering system and in the case of Total Toe, by tension and droop in the tape measure. The wheels and tires used are 18" diameter wheels with 25in diameter tires in the rear and 24.5in diameter tires in the front on a 2798 lb car.

HUBstands

Way faster. Far more precise.

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