

Δ in length	Hand Position	Hand Position	Δ in length
1mm	10.9°	0°	+0.7mm
2mm	17.3°	10°	0.9mm
3mm	23.8°	15°	1.6mm
4mm	30.5°	30°	3.9mm
5mm	37.6°	45°	6.0mm
		⊥ to the 2 nd metatarsal	-1.2mm
		Directed at the 3 rd met head	-0.1mm

Table 5 Transverse Plane Motion Based on a 1/2 Lateral Translation

The average change in transverse plane axis guide orientation is 10.7° for every 1mm change of absolute first metatarsal length based on these specific calculations of a 1/2 capital fragment lateral translation (or 1.1mm for each 10° change).