

Δ in length	Hand Position	Hand Position	Δ in length
1mm	9.5°	0°	0.0mm
2mm	18.4°	10°	1.1mm
3mm	26.6°	15°	1.6mm
4mm	33.7°	30°	3.5mm
5mm	39.8°	45°	6.0mm

Table 4 Sagittal Plane Motion Based on a 1/3 Lateral Translation

The average change in sagittal plane axis guide orientation is 8.7° for every 1mm change of absolute first metatarsal sagittal plane position based on these specific calculations of a 1/3 capital fragment lateral translation (or 1.2mm for each 10° change).