**Table 1:** Variants of the finite element modeling.

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| --- | --- | --- | --- |
| **Final contact area with skin [mm2]** | **Stiffness [kPa]** | **Clamp geometry** | **Model variant** |
| 387 | 25 | Flat | **F 25** |
| 247 | 50 | Flat | **F 50** |
| 191 | 100 | Flat | **F 100** |
| 639 | 25 | Angled | **A 25** |
| 618 | 50 | Angled | **A 50** |
| 607 | 100 | Angled | **A 100** |
| 769 | 25 | Contoured | **C 25** |
| 769 | 50 | Contoured | **C 50** |
| 769 | 100 | Contoured | **C 100** |
| N/A | none | Cuff-type | **Cuff** |
| 522 | 50, 100 | Contouredwith knurl | **Knurl** |
| 296 | 50 | Flat, tilted 5˚ | **Tilt 50** |