

ANNEXURE-1

Tooth width analysis

| | | | | |
|----|---------|----|---------|------------------------------|
| 11 | 7.66 mm | 21 | 7.56 mm | Actual arc length: 113.44 mm |
| 12 | 6.22 mm | 22 | 5.75 mm | |
| 13 | 6.34 mm | 23 | 6.57 mm | |
| 14 | 6.07 mm | 24 | 5.90 mm | |
| 15 | 6.25 mm | 25 | 5.27 mm | |
| 16 | 9.30 mm | 26 | 9.14 mm | |
| 17 | 8.95 mm | 27 | 9.06 mm | |
| 18 | 6.01 mm | 28 | 7.38 mm | |
| 48 | 5.01 mm | 38 | 4.53 mm | Actual arc length: 102.39 mm |
| 47 | 8.18 mm | 37 | 8.98 mm | |
| 46 | 8.96 mm | 36 | 9.57 mm | |
| 45 | 5.78 mm | 35 | 6.69 mm | |
| 44 | 6.10 mm | 34 | 6.82 mm | |
| 43 | 5.95 mm | 33 | 5.73 mm | |
| 42 | 4.98 mm | 32 | 5.39 mm | |
| 41 | 4.64 mm | 31 | 5.09 mm | |

Space Analysis

MAXILLARY SPACE ANALYSIS

- Total space available: 63.60
- Sum of incisor widths: 27.20

Moyers

- Sum of left canine & premolars: 20.96
- Sum of right canine & premolars: 20.96
- Total space required: 69.11
- Discrepancy: -5.52

Tanaka & Johnston

- Sum of left canine & premolars: 21.05
- Sum of right canine & premolars: 21.05
- Total space required: 69.30
- Discrepancy: -5.70

MANDIBULAR SPACE ANALYSIS

- Total space available: 57.17
- Sum of incisor widths: 20.09

Moyers

- Sum of left canine & premolars: 20.46
- Sum of right canine & premolars: 20.46
- Total space required: 61.01
- Discrepancy: -3.84

Tanaka & Johnston

- Sum of left canine & premolars: 20.55
- Sum of right canine & premolars: 20.55
- Total space required: 61.19
- Discrepancy: -4.02