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| **Prototype** | **Von Mises Stress** | | **Reaction Forces** | |
|  | **Max** | **Min** | **RF1 ()** | **RF2 ()** |
| **Prototype 1** |  |  | Node 1:  Node 2: | Node 1:  Node 2: |
| **Prototype 2** |  |  | Node 1:  Node 2:  Node 3:  Node 4: | Node 1: 1.881  Node 2:  Node 3:  Node 4: |
| **Prototype 3** |  |  | Node 1:  Node 2:  Node 3:  Node 4:  Node 5: | Node 1: 1.67  Node 2: 1.84  Node 3:  Node 4:  Node 5: 1.67 |

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| **Prototype** | **Displacement** | | |
|  | **Nodal (** | **Max** | **Min** |
| **Prototype 1** | Node 1-2  Node 3  Node 4  Node 5  Node 6  Node 7  Node 8  Node 9  Node 10  Node 11 ) |  |  |
| **Prototype 2** | Node 1-4  Node 5  Node 6  Node 7  Node 8  Node 9  Node 10  Node 11  Node 12  Node 13  Node 14  Node 15  Node 16 |  |  |
| **Prototype 3** | Node 1-5  Node 6  Node 7  Node 8  Node 9  Node 10  Node 11  Node 12  Node 13  Node 14  Node 15  Node 16 |  |  |

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| **Prototype** | **Von Mises Stress** | | **Reaction Forces** | |
|  | **Max** | **Min** | **RF1 ()** | **RF2 ()** |
| **Prototype 1** |  |  | Node 1: 9  Node 2: | Node 1:  Node 2: |
| **Prototype 2** |  |  | Node 1:  Node 2:  Node 3:  Node 4: | Node 1:  Node 2: 3.33  Node 3:  Node 4: |
| **Prototype 3** |  |  | Node 1: 2  Node 2:  Node 3:  Node 4:  Node 5: | Node 1:  Node 2:  Node 3:  Node 4: 1.37  Node 5: 1.96 |

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| **Prototype** | **Displacement** | | |
|  | **Nodal (** | **Max** | **Min** |
| **Prototype 1** | Node 1-2  Node 3  Node 4  Node 5  Node 6  Node 7  Node 8  Node 9  Node 10  Node 11 ) |  |  |
| **Prototype 2** | Node 1-4  Node 5  Node 6  Node 7  Node 8  Node 9  Node 10  Node 11  Node 12  Node 13  Node 14  Node 15  Node 16 |  |  |
| **Prototype 3** | Node 1-5  Node 6  Node 7  Node 8  Node 9  Node 10  Node 11  Node 12  Node 13  Node 14  Node 15  Node 16 |  |  |