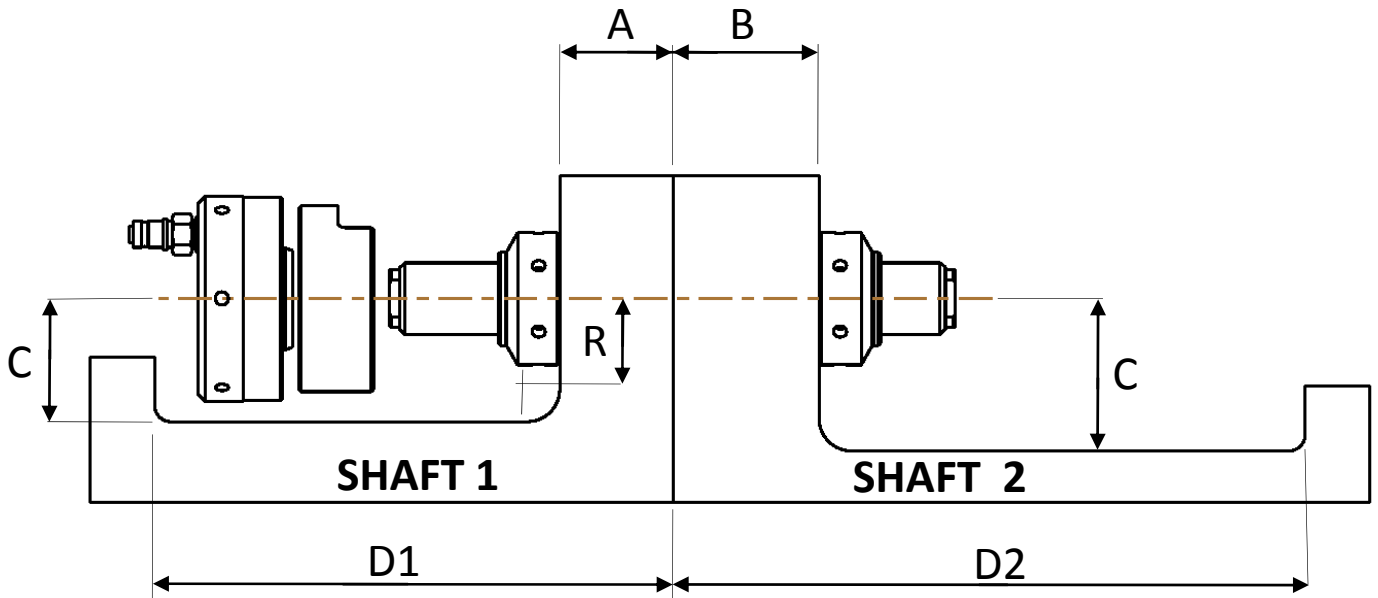


**f-Series**

**OFF THE SHELF HYDRAULIC BOLTS**



| MODEL     | HOLE SIZE |     | 'A'  |     | 'B'  |     | Minimum Distance required |      |      |     | APPLIED LOAD (KN) @1100 Bar |
|-----------|-----------|-----|------|-----|------|-----|---------------------------|------|------|-----|-----------------------------|
|           | From      | To  | From | To  | From | To  | 'C'                       | 'D1' | 'D2' | 'R' | Per bolt                    |
| <b>F1</b> | 55        | 61  | 55   | 85  | 55   | 106 | 65                        | 263  |      | 41  | 606                         |
| <b>F2</b> | 62        | 69  | 62   | 97  | 62   | 120 | 70                        | 286  |      | 48  | 726                         |
| <b>F3</b> | 70        | 79  | 70   | 110 | 70   | 138 | 80                        | 320  |      | 54  | 963                         |
| <b>F4</b> | 80        | 89  | 80   | 125 | 80   | 154 | 90                        | 361  | 351  | 61  | 1288                        |
| <b>F5</b> | 90        | 99  | 90   | 138 | 90   | 171 | 100                       | 399  | 386  | 68  | 1610                        |
| <b>F6</b> | 100       | 111 | 100  | 154 | 100  | 190 | 116                       | 443  | 424  | 77  | 2175                        |
| <b>F7</b> | 112       | 125 | 112  | 172 | 112  | 213 | 130                       | 494  | 468  | 86  | 2771                        |