



| CRANK            | OLD<br>rear hub<br>length mm | 3X<br>CHAINLINE<br>mm | RF Spindle<br>Designation<br>mm | RING CONFIGURATION           | INNER RING<br>CHAINLINE<br>mm | Recommended Max TIRE WIDTH<br>TO ENSURE CHAIN<br>CLEARANCE |     | NDS SPINDLE<br>SPACERS<br>1mm | NDS<br>SPINDLE<br>SHIM<br>length mm | NDS BB<br>CUP<br>SPACER<br>2.5mm | DS BB CUP<br>SPACER<br>2.5mm | DS<br>SPINDLE<br>SHIM<br>length mm | DS SPINDLE<br>SPACERS<br>1mm | Q-FACTOR<br>mm |
|------------------|------------------------------|-----------------------|---------------------------------|------------------------------|-------------------------------|--|-----|-------------------------------|-------------------------------------|----------------------------------|------------------------------|------------------------------------|------------------------------|----------------|
|                  |                              |                       |                                 |                              |                               | in   | mm  |                               |                                     |                                  |                              |                                    |                              |                |
| NEXT SL<br>CINCH | 190                          | 78.5                  | 189                             | 3X, OR DOUBLE AND BASH       | 70.7                          | 4.8  | 122 | -                             | 11.5                                | 1                                | 2                            | 11.5                               | -                            | 222            |
|                  | 190                          | 76.5                  | 189                             | 2X on 2X SPIDER              | 72.7                          | 5.0  | 127 | -                             | 11.5                                | 1                                | 2                            | 11.5                               | -                            | 222            |
|                  | 190                          | 76                    | 189                             | SINGLE RING 32-38T (104 BCD) | 76.0                          | 5.0  | 127 | -                             | 11.5                                | 1                                | 2                            | 11.5                               | -                            | 222            |
|                  | 190                          | 74                    | 189                             | SINGLE RING 30T (104 BCD)    | 74.0                          | 5.0  | 127 | -                             | 11.5                                | 1                                | 2                            | 11.5                               | -                            | 222            |
|                  | 190                          | 78                    | 189                             | DIRECT MOUNT                 | 78.0                          | 5.0  | 127 | -                             | 11.5                                | 1                                | 2                            | 11.5                               | -                            | 222            |
|                  | 190                          | 75                    | 169                             | DIRECT MOUNT FLIPPED         | 75.0                          | 5.0  | 127 | -                             | 1.5                                 | 1                                | 2                            | 1.5                                | -                            | 202            |
|                  | 170                          | 68.5                  | 169                             | 3X, OR DOUBLE AND BASH       | 60.7                          | 4.0  | 102 | -                             | 1.5                                 | 1                                | 2                            | 1.5                                | -                            | 202            |
|                  | 170                          | 66.5                  | 169                             | 2X on 2X SPIDER              | 62.7                          | 4.0  | 102 | -                             | 1.5                                 | 1                                | 2                            | 1.5                                | -                            | 202            |
|                  | 170                          | 68                    | 169                             | SINGLE RING 32-38T (104 BCD) | 68.0                          | 4.0  | 102 | -                             | 1.5                                 | 1                                | 2                            | 1.5                                | -                            | 202            |
|                  | 170                          | 66                    | 169                             | SINGLE RING 30T (104 BCD)    | 66.0                          | 4.0  | 102 | -                             | 1.5                                 | 1                                | 2                            | 1.5                                | -                            | 202            |
|                  | 170                          | 68                    | 169                             | DIRECT MOUNT                 | 68.0                          | 4.0  | 102 | -                             | 1.5                                 | 1                                | 2                            | 1.5                                | -                            | 202            |
| TURBINE          | 190                          | 78.5                  | 190                             | 2X, 3X, OR DOUBLE AND BASH   | 70.7                          | 4.8  | 122 | 2                             | 11.5                                | 1                                | 2                            | 11.5                               | 3                            | 222            |
| EVOLVE           | 190                          | 77.5                  | 190                             | SINGLE RING 32-38T           | 77.5                          | 5.0  | 127 | 2                             | 11.5                                | 1                                | 2                            | 11.5                               | 3                            | 222            |
| RIDE             | 190                          | 75.5                  | 190                             | SINGLE RING 30T              | 75.5                          | 5.0  | 127 | 2                             | 11.5                                | 1                                | 2                            | 11.5                               | 3                            | 222            |
| EXI              | 170                          | 67                    | 170                             | 2X, 3X, OR DOUBLE AND BASH   | 59.2                          | 3.8  | 97  | 1                             | -                                   | 1                                | 2                            | -                                  | 2                            | 200            |
|                  | 170                          | 66.5                  | 170                             | SINGLE RING 32-38T           | 66.5                          | 4.0  | 102 | 1                             | -                                   | 1                                | 2                            | -                                  | 2                            | 200            |
|                  | 170                          | 64.5                  | 170                             | SINGLE RING 30T              | 64.5                          | 4.0  | 102 | 1                             | -                                   | 1                                | 2                            | -                                  | 2                            | 200            |
| ATLAS            | 170                          | 67                    | 170                             | 2X, 3X, OR DOUBLE AND BASH   | 59.2                          | 3.8  | 97  | 2                             | -                                   | -                                | 1                            | -                                  | 5                            | 202            |
| EXI              | 170                          | 66.5                  | 170                             | SINGLE RING 32-38T           | 66.5                          | 4.0  | 102 | 2                             | -                                   | -                                | 1                            | -                                  | 5                            | 202            |
|                  | 170                          | 64.5                  | 170                             | SINGLE RING 30T              | 64.5                          | 4.0  | 102 | 2                             | -                                   | -                                | 1                            | -                                  | 5                            | 202            |
| RESPOND          | 170                          | 67                    | 170                             | 2X,3X, OR DOUBLE AND BASH    | 59.2                          | 3.8  | 97  | 1                             | -                                   | -                                | 1                            | -                                  | 6                            | 199            |
| EXI              | 170                          | 66.5                  | 170                             | SINGLE RING 32-38T           | 66.5                          | 4.0  | 102 | 1                             | -                                   | -                                | 1                            | -                                  | 6                            | 199            |
|                  | 170                          | 64.5                  | 170                             | SINGLE RING 30T              | 64.5                          | 4.0  | 102 | 1                             | -                                   | -                                | 1                            | -                                  | 6                            | 199            |
| CHESTER          | 170                          | 67                    | 170                             | 2X, 3X, OR DOUBLE AND BASH   | 59.2                          | 3.8  | 97  | 1                             | -                                   | -                                | 1                            | -                                  | 6                            | 208            |
| EXI              | 170                          | 66.5                  | 170                             | SINGLE RING 32-38T           | 66.5                          | 4.0  | 102 | 1                             | -                                   | -                                | 1                            | -                                  | 6                            | 208            |
|                  | 170                          | 64.5                  | 170                             | SINGLE RING 30T              | 64.5                          | 4.0  | 102 | 1                             | -                                   | -                                | 1                            | -                                  | 6                            | 208            |

