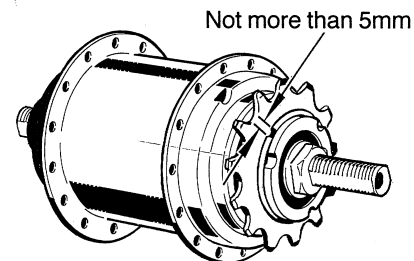




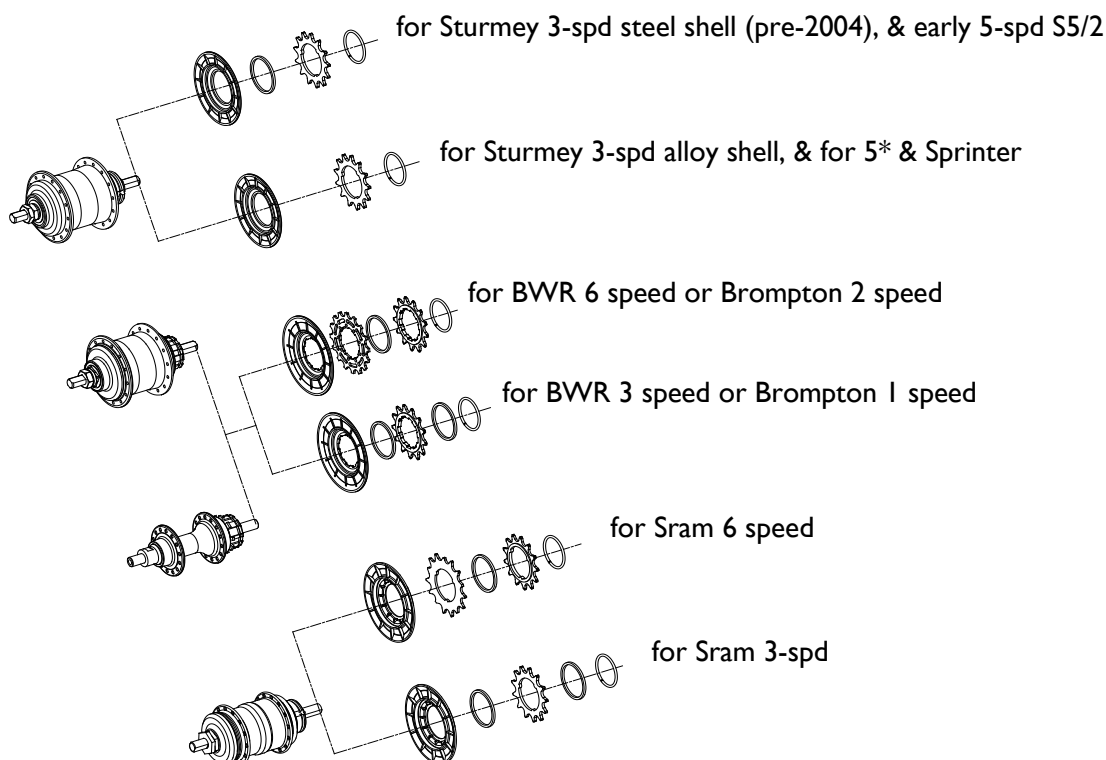
## REAR SPROCKETS AND SPACERS

The correct stack of spacers, chain-guide-disc, etc. must be used to suit the hub, and sprocket thickness. All the parts in the stack should be free of dirt on assembly (as well as the hub driver itself). If not:

- the sprocket (if it is too far out) could end up not properly engaged with the splines
- the chainline may end up wrong
- the circlip holding the stack in place may not be able to close up fully, and this can result in fouling on the chain tensioner. The gap should not exceed 5mm
- if the stack is not thick enough, the circlip will fail to clamp the parts firmly together, and there may be play: this is also not acceptable



The diagram below shows how parts should be assembled onto the driver of a rear hub. Permissible stacks are also shown overleaf.



**It is essential that the correct chain is used.** The chart below shows the number of links needed for different chainwheel and sprocket combinations available from Brompton.

| Chainwheel | ONE rear sprocket |      | TWO rear sprockets          |      |
|------------|-------------------|------|-----------------------------|------|
|            | 12T or 13T        | 100L | 16T/12T, 16T/13T or 15T/13T | 102L |
| 54T        | 12T or 13T        | 100L | 16T/12T, 16T/13T or 15T/13T | 102L |
| 50T        | 12T or 13T        | 98L  | 16T/12T, 16T/13T or 15T/13T | 100L |
| 48T        | 13T               | 98L  |                             |      |
| 46T        | 13T               | 96L  |                             |      |
| 44T        | 12T, 13T, 14T     | 96L  | 16T/12T, 16T/13T or 15T/13T | 98L  |

Chain used on Bromptons is either **wide** (1/8") or **narrow** (3/32")

- Use 3/32" chain when both chainring and sprocket(s) are 3/32"
- 1/8" chains should be used with 1/8" sprockets and chainwheels
- **It is highly recommended that sprockets are replaced when fitting a new chain**

## REAR WHEEL REMOVAL

For instructions on rear wheel removal, please visit [brompton.co.uk](http://brompton.co.uk) and view the Technical Videos.