

### C.3.1. Combination speed-drive and derailleur



If combining a derailleur with speed-drive, please check the chainline carefully.

Chainring should be positioned at the same distance from the centerline of frame as the medium cog of the derailleur cog set.

A correct chainline is less sensitive than on a mountain-drive, as chainring diameter is smaller and therefore the tangential travel, where the chain "enters" the chainring, is shorter.

There are solutions, if position of the chainring doesn't match the chainline at all:

- mount the chainring on the left or right side of the spider
- use washers to give 2 mm additional clearance
- use wider cone rings
- use the +10 mm version in combination with cone rings on the left and right side

speed-drive chainrings have a thickness of 2 mm. Please check, if your chain allows this thickness (inner distance between chain links should be at least 2.2 mm).