

2 Insert values

Fill in all variables to get the results

Total length of the hub: mm

Non-gear side: mm Gear side: mm

Hub diameter non-gear side: mm
Hub diameter gear side: mm

Internal diameter of the rim: mm

Rim thickness: mm [Estimate only](#)

Number of spokes in the wheel:
Number of crossings gear side: [This is current ie 3](#)
Number of crossings non-gear side: [What I need is 2](#)

calculate

Derby Rim ERD 522mm so allow 10mm for internal nipple

3 Results

Spoke length non-gear side: mm
Spoke length gear side: mm

What I need

Sapim cannot be held liable or responsible in respect of the use of this online calculator, data entered, nor for the results produced by any party using this online calculator, nor for any decisions taken based upon those results.

This is currently 254 inside and 258 outside