

Spoke Length for SON 28, SONdelux and SON 28 klassik

			Nipple Seat radius r_2	Recommended Spoke Length with 3 Crossings					
				SON 28 <i>new</i>		SONdelux		SON 28 klassik	
				32 hole	36 hole	32 hole	36 hole	32 hole	36 hole
28"-Rims	Approximate Formula $l_{max} =$			$r_2 - 7.6$	$r_2 - 10.9$	$r_2 - 8.2$	$r_2 - 11.5$	$r_2 - 10.0$	$r_2 - 14.3$
	Rigida	Andra 30	300.1	292	288	290	288	288	284
		Sputnik	301.1	292	290	292	288	290	286
		X-Plorer	295.4	286	284	286	282	284	280
		ZAC 19	303.5	294	292	294	290	292	288
		ZAC 2000	299.3	290	288	290	286	288	284
	Exal	SP 19	300.5	292	288	290	288	290	284
	Mavic	TN 317 disc	300.2	292	288	290	288	288	284
		A319	300.1	292	288	290	288	288	284
		A719	300.0	290	288	290	288	288	284
		CXP33	298.2	290	286	288	286	286	282
		OPEN PRO	300.6	292	288	290	288	290	284
		DT Swiss RR 415	297.9	288	286	288	284	286	282
	26"-Rims	Approximate Formula $l_{max} =$			$r_2 - 7.3$	$r_2 - 10.5$	$r_2 - 7.9$	$r_2 - 11.2$	$r_2 - 9.6$
Rigida		Andra 30	269.2	260	258	260	256	258	254
		Sputnik	269.5	260	258	260	256	258	254
		X-Plorer	264.2	256	252	254	252	254	248
		ZAC 19	272.0	264	260	262	260	260	256
		ZAC 2000	267.5	258	256	258	254	256	252
Exal		SP 19	269.0	260	258	260	256	258	254
Mavic		XC 717	269.2	260	258	260	256	258	254
		XC 717 disc	268.6	260	256	260	256	258	254
		XM 719	268.1	260	256	258	256	258	252
		XM 719 disc	268.6	260	256	260	256	258	254
		DT Swiss XR 425	267.5	258	256	258	254	256	252

Folding Bikes and Recumbents

			Nippleseat radius r_2	1 Crossing		2 Crossings			
				SON XS	SON XS	SON XS 100	SONdelux / SON 20 R		
				28 hole	28 hole	24 hole	24 hole	32 hole	36 hole
20"	Rigida X-Plorer 406-19	406-19	187.4	—	—	—	—	170	168
18"	Alex DV 15 (Birdy)	355-15	170.7	—	—	156	160	—	—
	Alex Crostini M 1.1 (Birdy)	355-15	168.5	—	—	154	158	—	—
16"	Alex ZC 1000 (Brompton)	349-19	167.2	136	148	—	—	—	—