

The Sapim R & D dept unveils the Flyer -

The lightest stainless steel spoke ever made

Super Spoke

The Flyer Super Spoke has been developed for extra light wheels. A new grade of stainless steel enables Sapim to reduce the diameter of the spoke, whilst increasing its strength and fatigue resistance.

Effectively, the CX-Ray spoke decreases in weight by 17% and increases in strength by 120N in the middle section.

Fatigue Test

Super Spoke	91.660
CX-Ray	72.567
Laser 15G	44.235

Weight (64 pcs x 260 mm lg)

Super Spoke	231 g
CX-Ray	278 g
Laser	279 g
Race	360 g
Force	368 g
Zinc	424 g
Leader 14	424 g
Strong	430 g

The Flyer -
the lightest stainless steel spoke
ever made!

Special stainless steel grade

Diameter	1,8 - 1,4 - 1,8 mm
Length	146 - 304 mm
Usage	Race, Triathlon, MTB, DH
Weight	231 g (64 x 260mm)
Fatigue Test	91.660
Load strength bend	2520 N
Load strength middle section	3040 N
Tensile strength	1980 N/mm ²
Elasticity	9535 N/mm ²
Nipples	Sapim advice: 15G 12 mm Aluminium Poylax, coated
Colours	silver, black chrome

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