



*Richman*

SR Series



# Richman

Since 1984

For over 40 years, Richman/Pillar has been pioneering spoke development throughout the world. With specialist manufacturing operations in Taiwan, coupled to the latest research and development facilities, Richman/Pillar has become the number one choice for spokes and nipples amongst the finest brands in the bicycle world today.

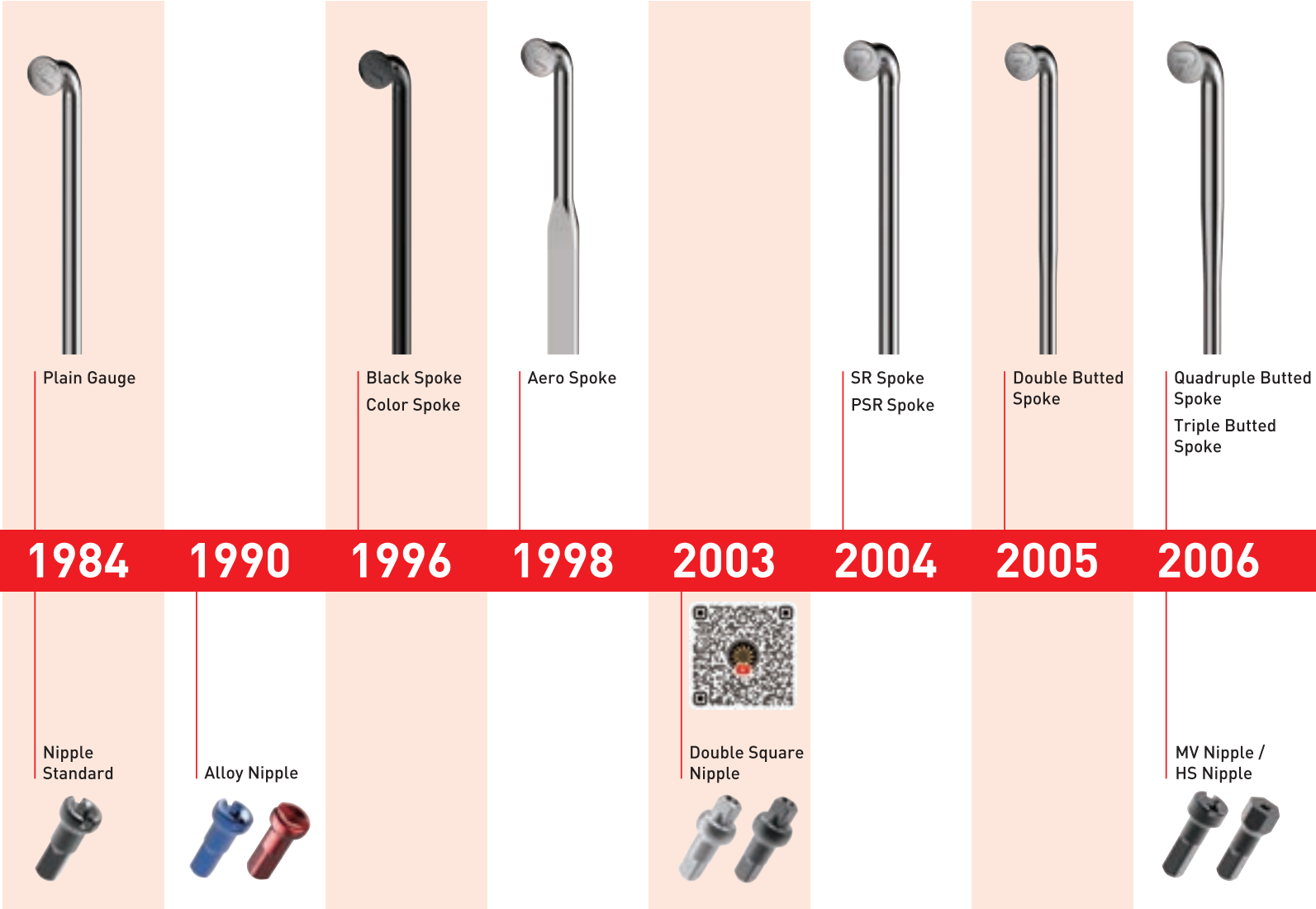
Production runs at well in excess of 1.5 million sets a month and our success is due to the clear lines of communication we maintain with each and everyone of our customers, linked to developing personal relationships by spending time at our customers locations in order to understand every, exact need they have.

Richman/Pillar holds countless patents on the technology and products it has developed over the years and will continue to lead the way to other manufacturers around the world. The continuous development of new and exciting materials will ensure that Richman/Pillar is the only choice of people in the know.

Contact us with the peace of mind there is no other spoke manufacturer in the world today that can cater for your needs, no matter how large or small.



# A Brief History of Spokes & Nipples





PSR X-tra Spoke



P Lock



TAF Spoke



3D-Force Spoke



Wing Spoke



E-Bike Butted Spoke



E-Bike Wing



Super Wing

2008

2010

2012

2014

2017

2020

2021

2024

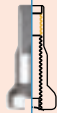
2025



TG Lock Nipple



Thread Angle Fixed



Black Oxide Brass Nipple



AB-Lock



NY-Lock



DM Nipple



# [ Stainless Steel ]

## Spoke

- Plain Gauge
- Reinforce
- Reduced Thread
- Single Butted
- Double Butted
- SR Butted
- Aero
- SR Aero
- SR Butted Aero



# Plain Gauge

Richman SR series

\*For reference only.  
Please refer to actual product for coloring.

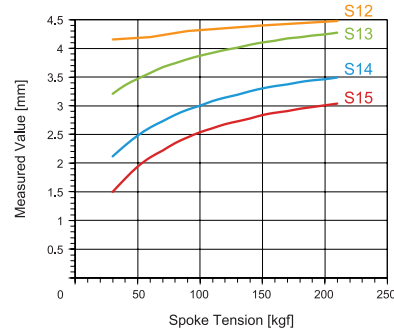
**MATERIAL** SUS304

**THREAD** S 12: 12G  
S 13: 13G  
S 14: 14G  
S 15: 15G

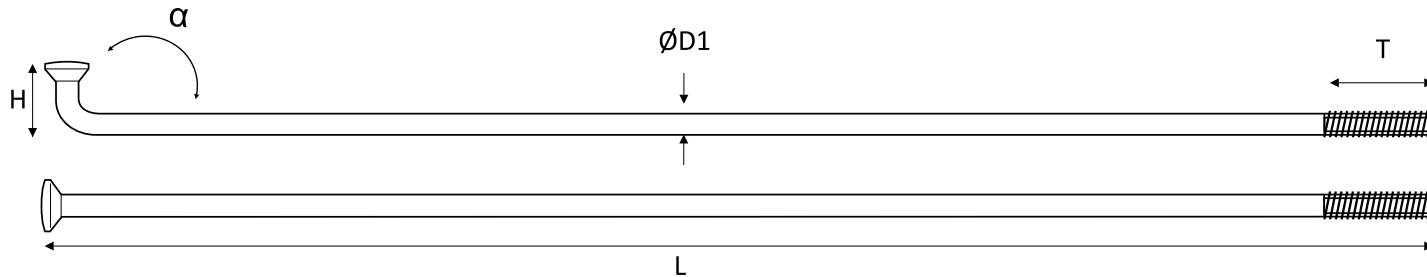
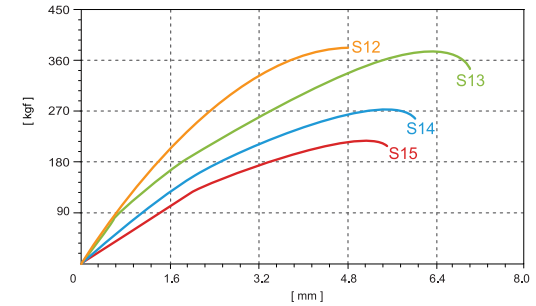
**APPLICATION** Trekking/ City/ MTB/ E-Bike

**COLOUR**  

Spoke Tension



Breaking Strength



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\varnothing D1$	L	T	Weight (260 mm)
S12	8.0 mm	100°	2.6 mm	160-310 mm	10.0 mm	10.9 g
S13	7.8 mm	95°	2.3 mm	70-310 mm	9.0 mm	8.5 g
S14	6.6 mm	95°	2.0 mm	70-310 mm	9.0 mm	6.5 g
S15	6.5 mm	95°	1.8 mm	70-310 mm	9.0 mm	5.5 g

# Reinforce

\*For reference only.  
Please refer to actual product for coloring.

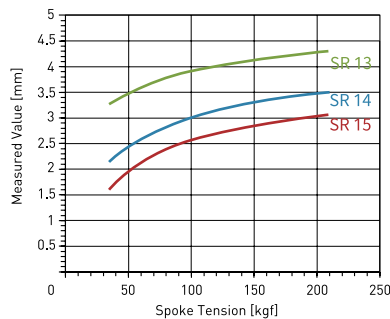
**MATERIAL** SUS304

**THREAD** SR 13: 13G  
SR 14: 14G  
SR 15: 15G

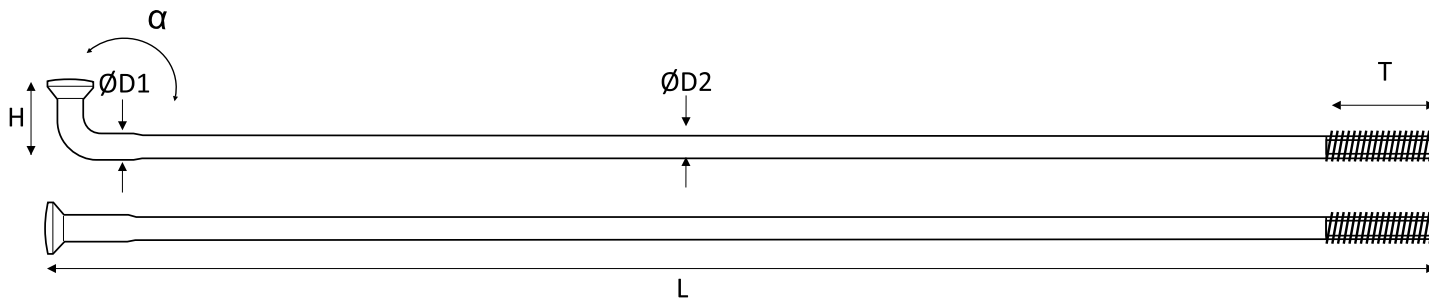
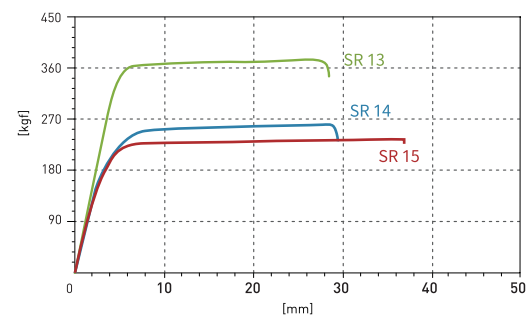
**APPLICATION** Trekking/ Free Ride/ MTB/ Down Hill/ E-Bike

**COLOUR**  

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	L	T	Weight (260 mm)
SR 13	7.0 mm	95°	2.5 mm	2.3 mm	160-310 mm	9.0 mm	8.5 g
SR 14	6.6 mm	95°	2.2 mm	2.0 mm	160-310 mm	9.0 mm	6.5 g
SR 15	6.5 mm	95°	2.0 mm	1.8 mm	160-310 mm	9.0 mm	5.5 g



# Reduced Thread

Richman SR series

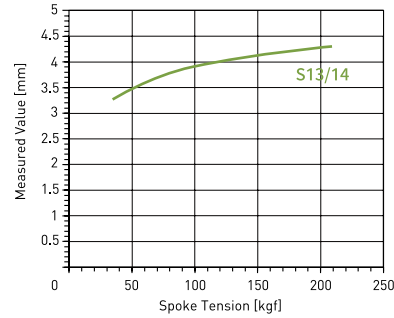
\*For reference only.

Please refer to actual product for coloring.

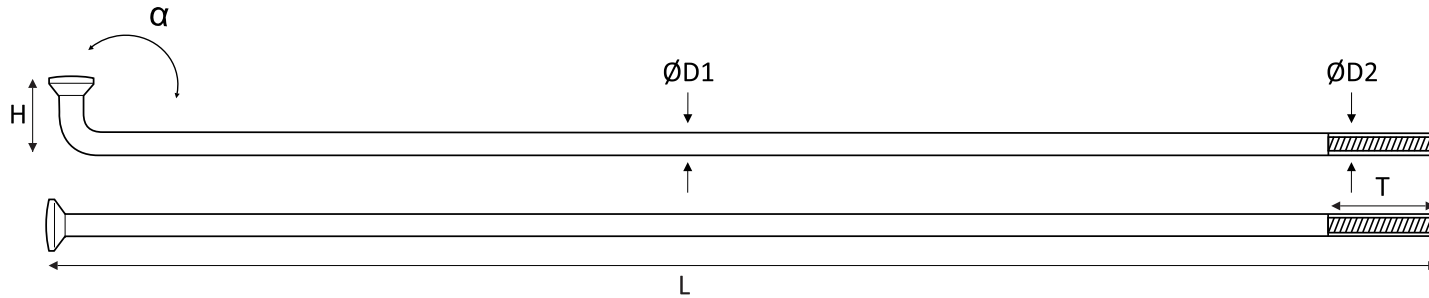
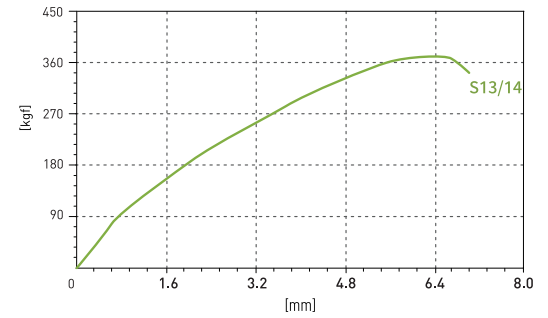
Stainless Steel

<b>MATERIAL</b>	SUS304
<b>THREAD</b>	S13/14: 14G
<b>APPLICATION</b>	Trekking/ Free Ride/ MTB/ Down Hill/ E-Bike
<b>COLOUR</b>	 

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\varnothing D1$	$\varnothing D2$	L	T	Weight (260 mm)
S13/14	7.0 mm	95°	2.3 mm	2.0 mm	160-310 mm	9.0 mm	8.5 g

# Single Butted

\*For reference only.  
Please refer to actual product for coloring.

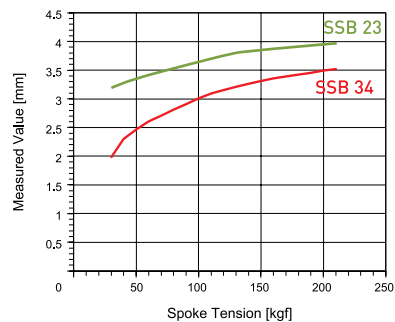
**MATERIAL** SUS304

**THREAD** SSB 23: 13G  
SSB 34: 14G

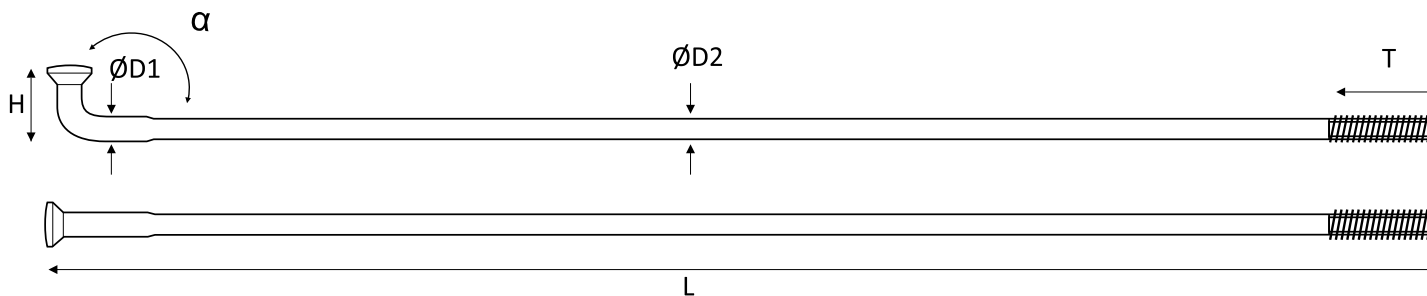
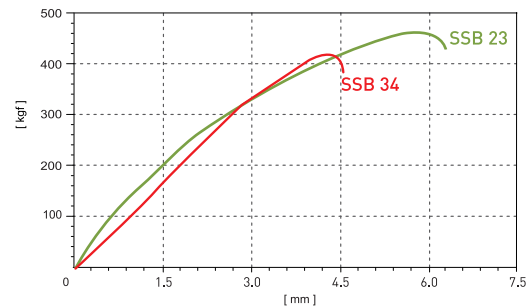
**APPLICATION** Trekking/ City/ E-Bike/ Cargo

**COLOUR**  

**Spoke Tension**





**Breaking Strength**



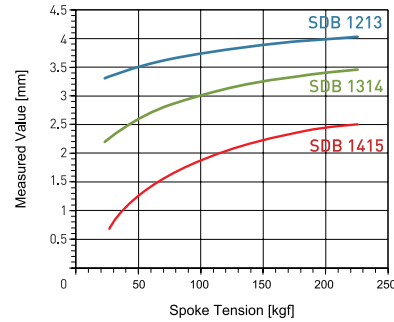
## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	ØD1	ØD2	L	T	Weight (260 mm)
SSB 23	8.0 mm	100°	2.6 mm	2.3 mm	160-310 mm	9.0 mm	8.9 g
SSB 34	7.0 mm	95°	2.3 mm	2.0 mm	160-310 mm	9.0 mm	6.8 g

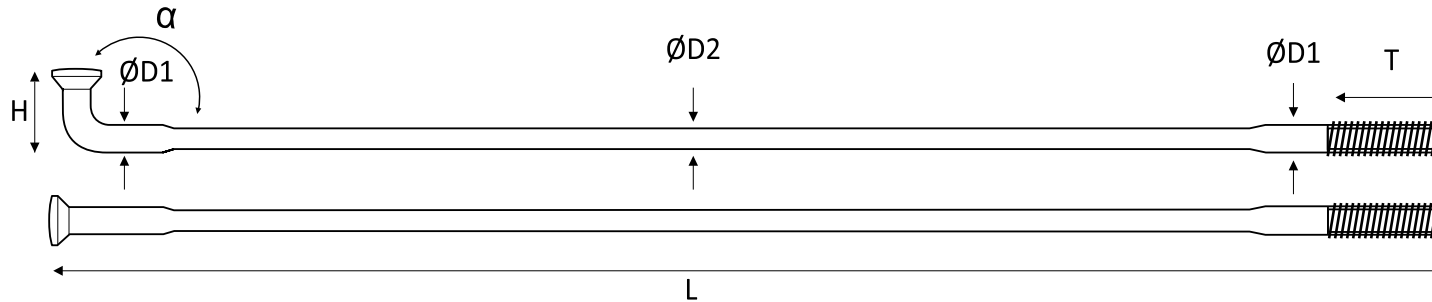
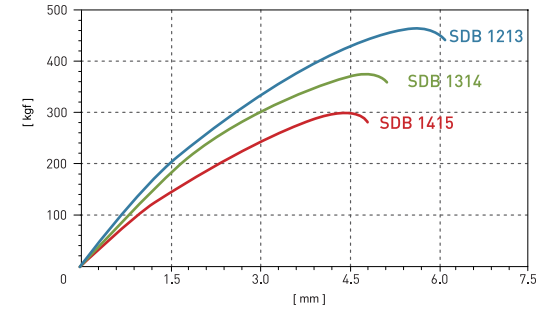
# Double Butted

<b>MATERIAL</b>	SUS304.
<b>THREAD</b>	SDB 1213: 12G SDB 1314: 13G SDB 1415: 14G
<b>APPLICATION</b>	Trekking/ City/ Race/ Cargo
<b>COLOUR</b>	 

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	L	T	Weight (260 mm)
SDB 1213	8.0 mm	100°	2.6 mm	2.3 mm	160-310 mm	10.0 mm	9.2 g
SDB 1314	7.0 mm	95°	2.3 mm	2.0 mm	160-310 mm	9.0 mm	7.0 g
SDB 1415	6.6 mm	95°	2.0 mm	1.8 mm	160-310 mm	9.0 mm	5.7 g

# SR Butted

\*For reference only.  
Please refer to actual product for coloring.

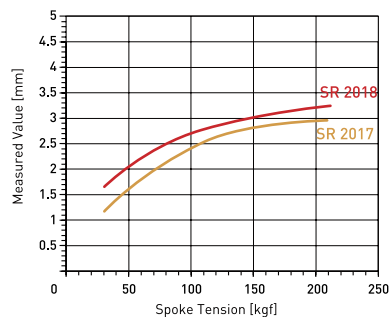
**MATERIAL** SUS304

**THREAD** SR 2018: 14G  
SR 2017: 14G

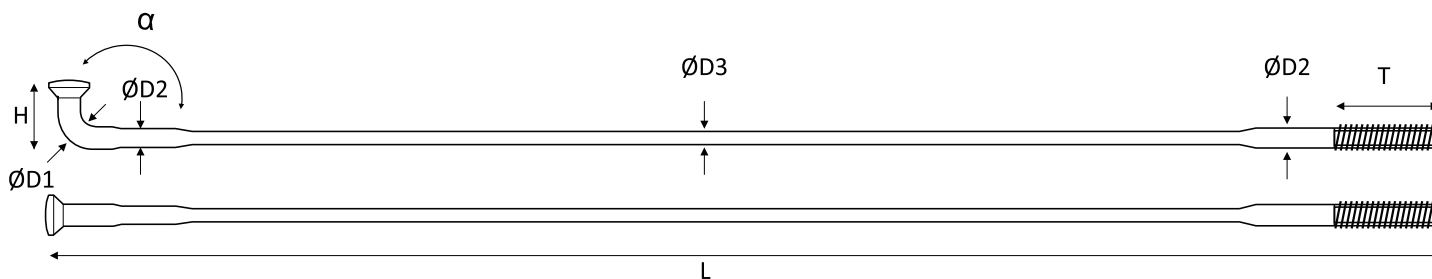
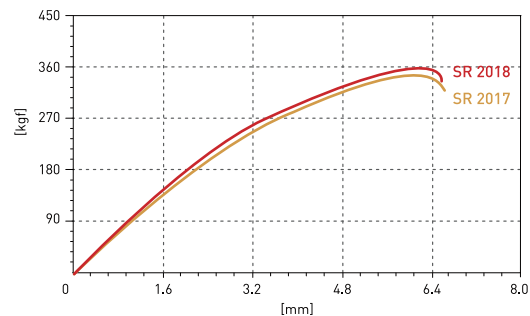
**APPLICATION** Trekking/ Race/ MTB

**COLOUR**  

**Spoke Tension**





**Breaking Strength**

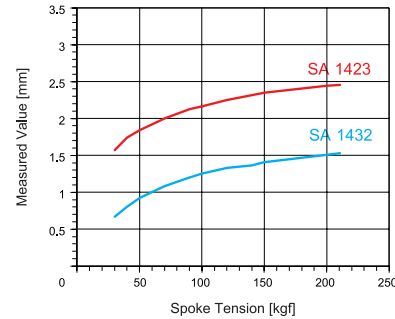


## MODELS AND SPECIFICATIONS

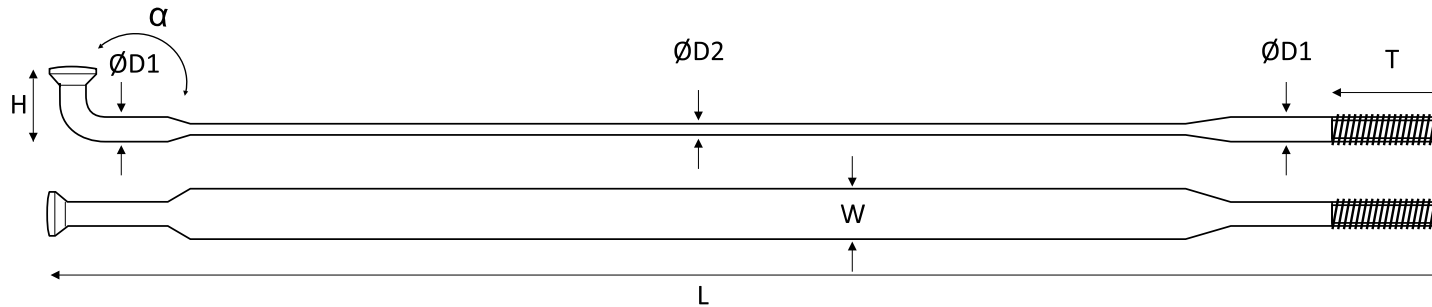
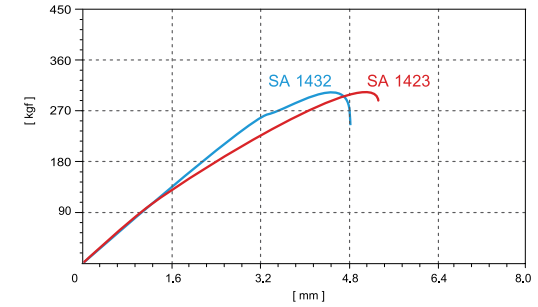
Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	$\text{ØD3}$	L	T	Weight (260 mm)
SR 2018	6.6 mm	95°	2.2 mm	2.0 mm	1.8 mm	160-310 mm	9.0 mm	5.7 g
SR 2017	6.6 mm	95°	2.2 mm	2.0 mm	1.7 mm	160-310 mm	9.0 mm	5.2 g

<b>MATERIAL</b>	SUS304
<b>THREAD</b>	SA 1423: 14G SA 1432: 14G
<b>APPLICATION</b>	Race/ MTB
<b>COLOUR</b>	 

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	W	L	T	Weight (260 mm)
SA 1423	6.6 mm	95°	2.0 mm	1.5 mm	2.3 mm	160-310 mm	9.0 mm	6.5 g
SA 1432	6.6 mm	95°	2.0 mm	1.0 mm	3.2 mm	160-310 mm	9.0 mm	6.5 g

# SR Aero

\*For reference only.  
Please refer to actual product for coloring.

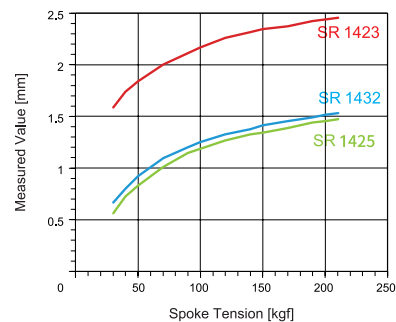
**MATERIAL** SUS304

**THREAD** SR 1423: 14G  
SR 1425: 14G  
SR 1432: 14G

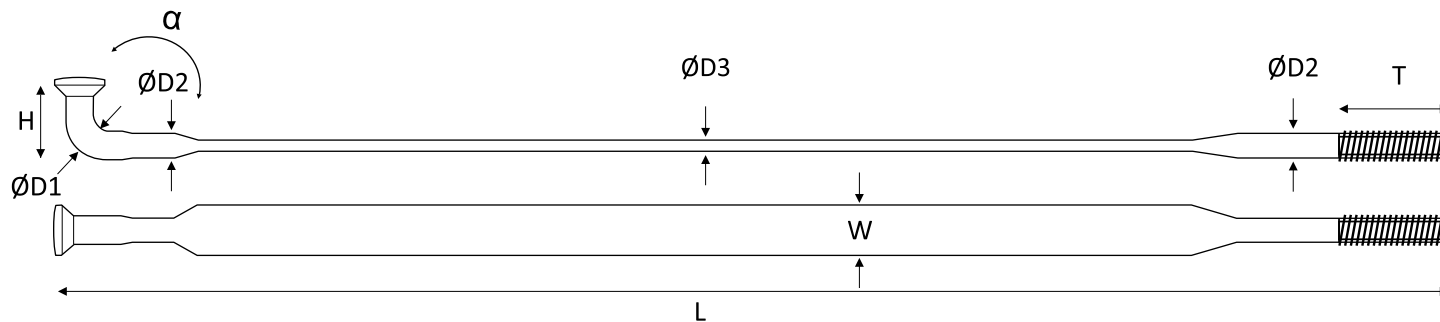
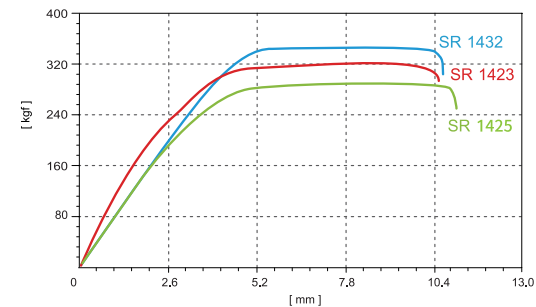
**APPLICATION** Down Hill/ Race/ MTB/ Free Ride

**COLOUR**  COLOUR PC  Black

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	$\text{ØD3}$	W	L	T	Weight (260 mm)
SR 1423	6.6 mm	95°	2.2 mm	2.0 mm	1.5 mm	2.3 mm	160-310 mm	9.0 mm	6.5 g
SR 1425	6.6 mm	95°	2.2 mm	2.0 mm	1.35 mm	2.5 mm	160-310 mm	9.0 mm	6.5 g
SR 1432	6.6 mm	95°	2.2 mm	2.0 mm	1.0 mm	3.2 mm	160-310 mm	9.0 mm	6.5 g



# SR Butted Aero

Richman SR series

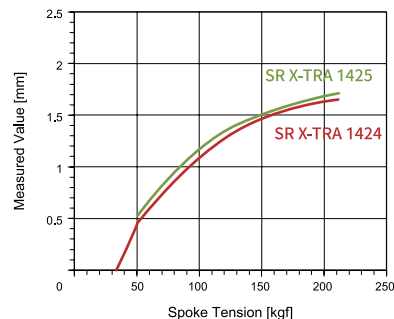
\*For reference only.

Please refer to actual product for coloring.

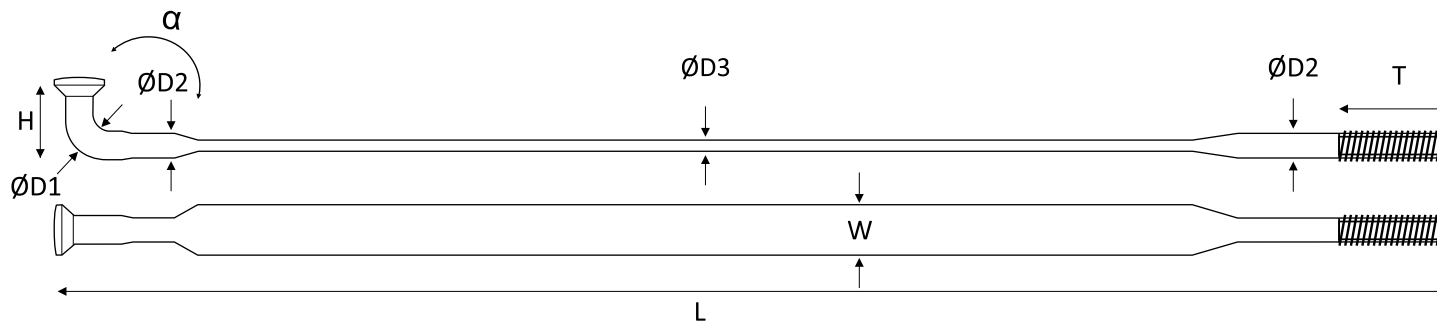
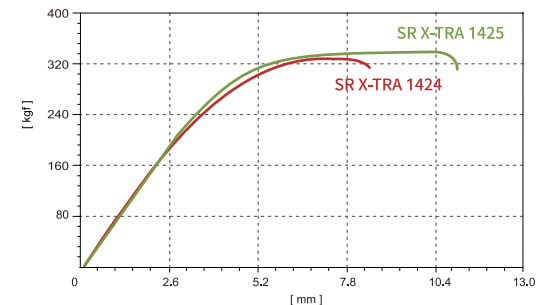
Stainless Steel

<b>MATERIAL</b>	SUS304
<b>THREAD</b>	SR X-TRA 1424: 14G SR X-TRA 1425: 14G
<b>APPLICATION</b>	Trekking/ Race/ MTB
<b>COLOUR</b>	 COLOUR PC  Black

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	$\text{ØD3}$	W	L	T	Weight (260 mm)
SR X-TRA 1424	6.6 mm	95°	2.2 mm	2.0 mm	1.5 mm	2.4 mm	160-310 mm	9.0 mm	5.2 g
SR X-TRA 1425	6.6 mm	95°	2.2 mm	2.0 mm	1.0 mm	2.5 mm	160-310 mm	9.0 mm	5.7 g

# [ High Carbon Steel ]

## Spoke

- Plain Gauge
- Reinforce
- Double Butted
- Aero
- CR Aero



# Plain Gauge

Richman SR series

\*For reference only.

Please refer to actual product for coloring.

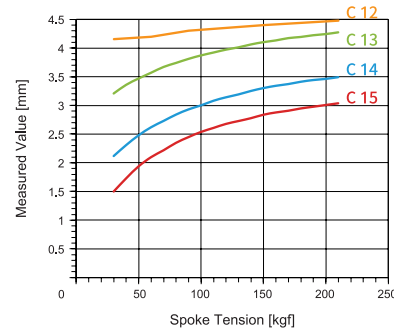
**MATERIAL** High Carbon Steel

**THREAD**  
C 12: 12G  
C 13: 13G  
C 14: 14G  
C 15: 15G

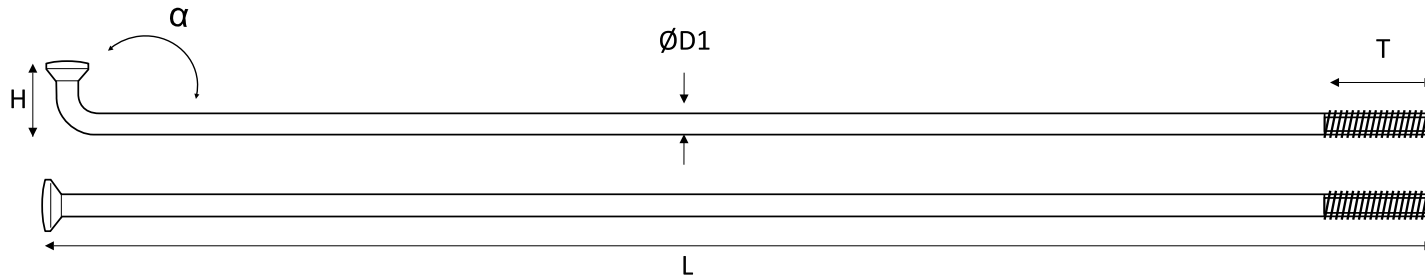
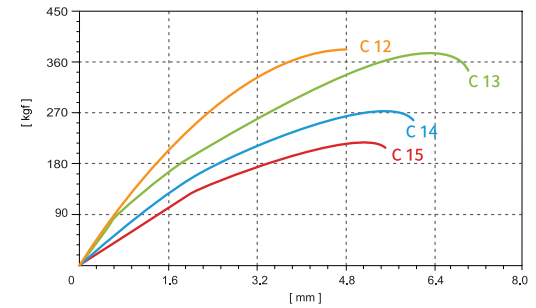
**APPLICATION** Trekking/ City/ MTB/ E-Bike

**COLOUR**  

**Spoke Tension**



**Breaking Strength**





## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	L	T	Weight (260 mm)
C12	8.0 mm	100°	2.6 mm	160-310 mm	10.0 mm	10.9 g
C13	7.8 mm	95°	2.3 mm	70-310 mm	9.0 mm	8.5 g
C14	6.9 mm	95°	2.0 mm	70-310 mm	9.0 mm	6.5 g
C15	6.7 mm	95°	1.8 mm	70-310 mm	9.0 mm	5.5 g

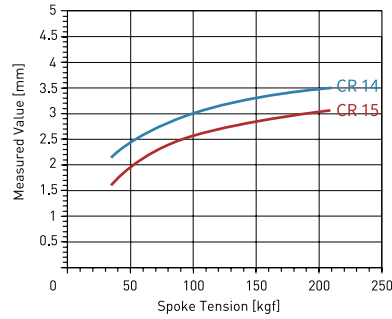
High Carbon Steel

# Reinforce

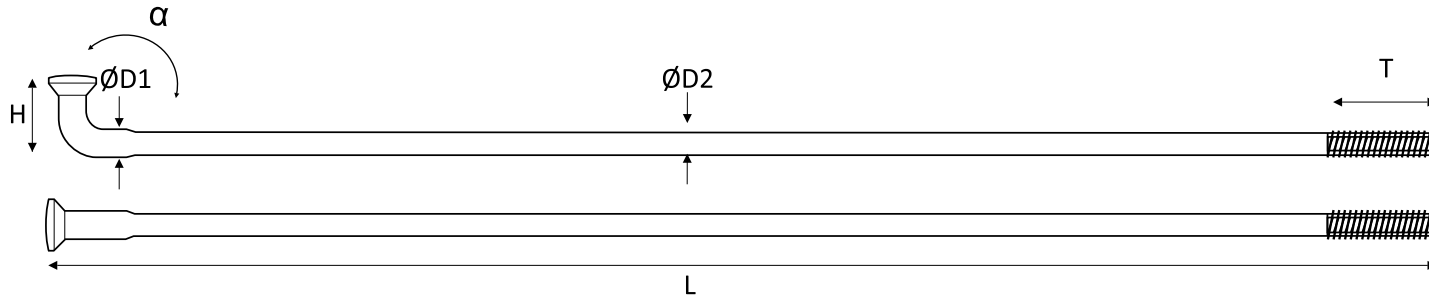
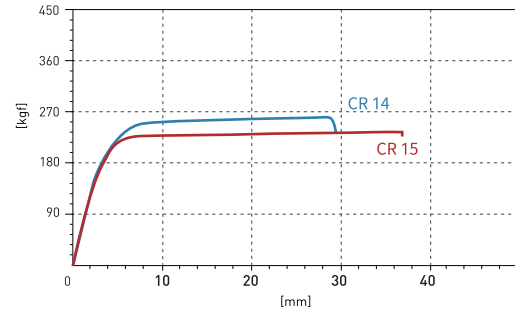
\*For reference only.  
Please refer to actual product for coloring.

<b>MATERIAL</b>	High Carbon Steel
<b>THREAD</b>	CR 14: 14G CR 15: 15G
<b>APPLICATION</b>	Trekking/ Free Ride/ MTB/ Down Hill
<b>COLOUR</b>	 

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	L	T	Weight (260 mm)
CR 14	6.6 mm	95°	2.2 mm	2.0 mm	160-310 mm	9.0 mm	6.5 g
CR 15	6.5 mm	95°	2.0 mm	1.8 mm	160-310 mm	9.0 mm	5.5 g

# Double Butted

Richman SR series

\*For reference only.

Please refer to actual product for coloring.

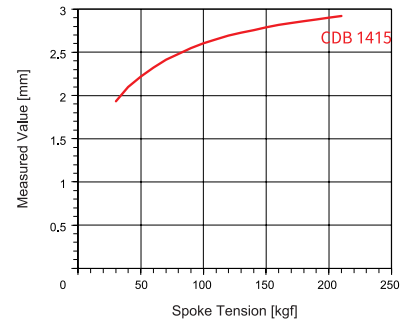
**MATERIAL** High Carbon Steel

**THREAD** CDB 1415: 14G

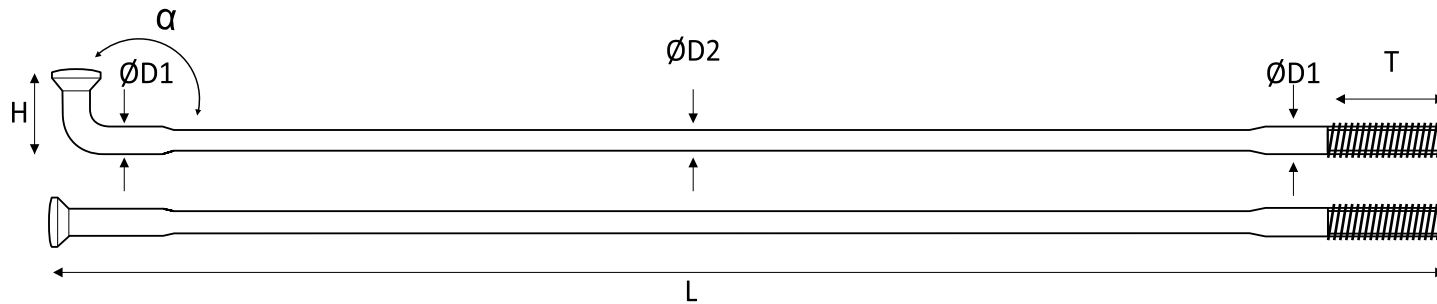
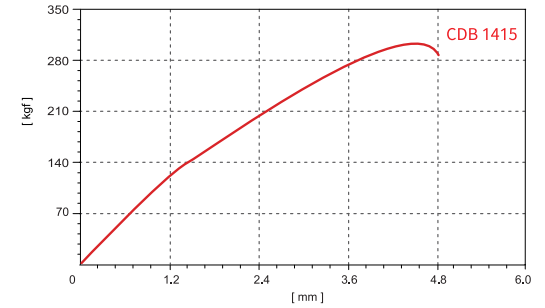
**APPLICATION** Race/ Trekking/ MTB

**COLOUR**  

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\varnothing D1$	$\varnothing D2$	L	T	Weight (260 mm)
CDB 1415	6.9 mm	95°	2.0 mm	1.8 mm	160-310 mm	9.0 mm	5.7 g

High Carbon Steel

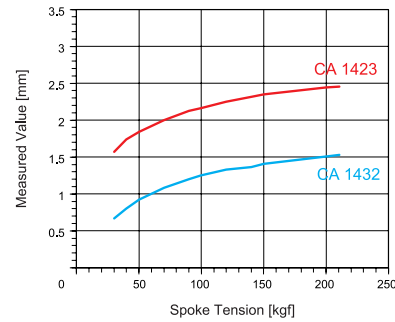
**MATERIAL** High Carbon Steel

**THREAD** CA 1423: 14G  
CA 1432: 14G

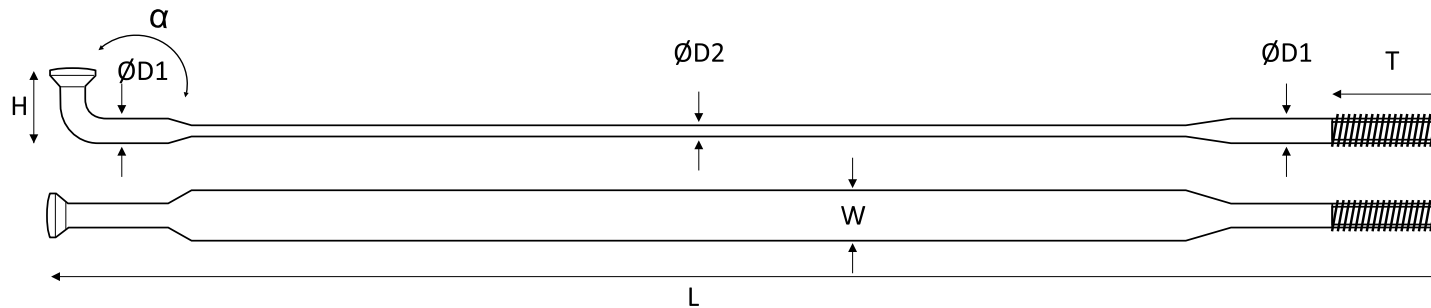
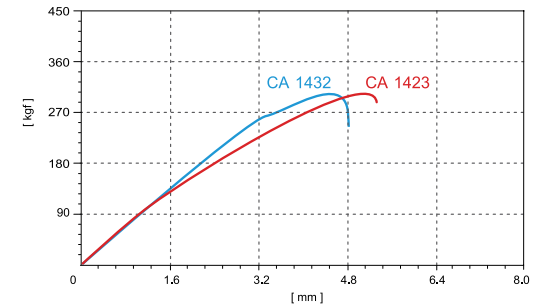
**APPLICATION** Race/ MTB

**COLOUR**  

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	$\text{ØD1}$	$\text{ØD2}$	W	L	T	Weight (260 mm)
CA 1423	6.6 mm	95°	2.0 mm	1.5 mm	2.3 mm	160-310 mm	9.0 mm	6.5 g
CA 1432	6.6 mm	95°	2.0 mm	1.0 mm	3.2 mm	160-310 mm	9.0 mm	6.5 g

# CR Aero

Richman SR series

\*For reference only.

Please refer to actual product for coloring.

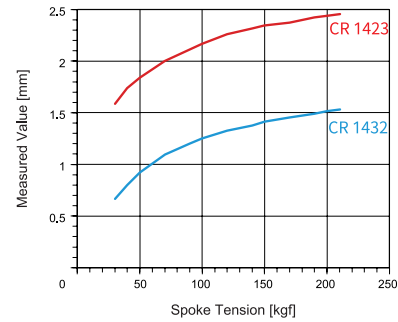
**MATERIAL** High Carbon Steel

**THREAD** CR 1423: 14G  
CR 1432: 14G

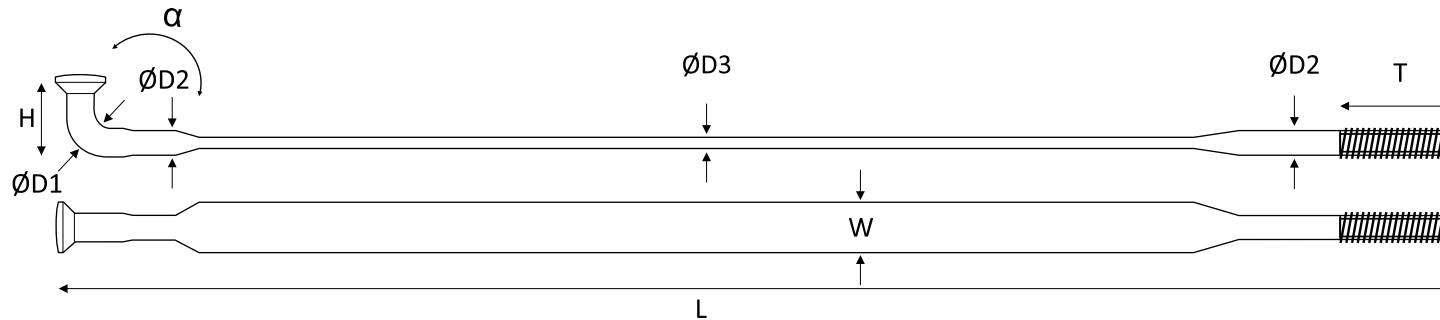
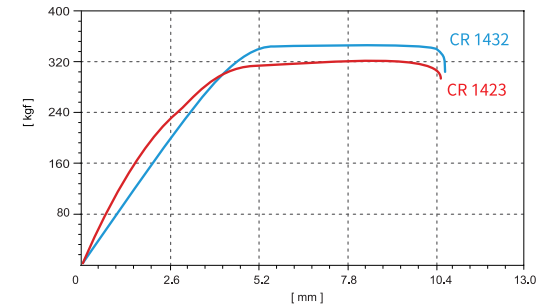
**APPLICATION** Trekking/ City/ MTB

**COLOUR**  

**Spoke Tension**



**Breaking Strength**



## MODELS AND SPECIFICATIONS

Model	H	$\alpha$	ØD1	ØD2	ØD3	W	L	T	Weight (260 mm)
CR 1423	6.6 mm	95°	2.2 mm	2.0 mm	1.5 mm	2.3 mm	160-310 mm	9.0 mm	6.5 g
CR 1432	6.6 mm	95°	2.2 mm	2.0 mm	1.0 mm	3.2 mm	160-310 mm	9.0 mm	6.5 g

High Carbon Steel

[ Nipple ]



## Standard Nipple

Low Lead brass models available upon request

### Brass

Type	Thread	Material	Length
PB 12	12G	Brass	13 mm,16 mm
PB 13	13G	Brass	12.5 mm,14 mm,16 mm
PB 14	14G	Brass	12 mm,14 mm,16 mm
PB 15	15G	Brass	12 mm,14 mm,16 mm



### Alloy

Type	Thread	Material	Length
MV 14	14G	<i>Alloy Pro 7</i>	12 mm,14 mm,16 mm
MV 15	15G	<i>Alloy Pro 7</i>	12 mm,14 mm,16 mm



## DSN Nipple



Type	Thread	Material	Length
DSN 12	12G	Brass	17 mm
DSN 13	13G	Brass	16 mm
DSN 14	14G	Brass	14.4 mm,16 mm
DSN 15	15G	Brass	14.4 mm,16 mm



Type	Thread	Material	Length
DSN 12	12G	<i>Alloy Pro 7</i>	17 mm
DSN 13	13G	<i>Alloy Pro 7</i>	16 mm
DSN 14	14G	<i>Alloy Pro 7</i>	14.4 mm,16 mm
DSN 15	15G	<i>Alloy Pro 7</i>	14.4 mm,16 mm



## Hex Nipple

Type	Thread	Material	Length
VH 14	14G	Brass	13 mm,15 mm
VH 15	15G	Brass	13 mm,15 mm



Type	Thread	Material	Length
VH 14	14G	<i>Alloy Pro 7</i>	13 mm,15 mm
VH 15	15G	<i>Alloy Pro 7</i>	13 mm,15 mm



# Hex Nipple

Type	Thread	Material	Length
PB 12 H	12G	Brass	13 mm, 16 mm
PB 13 H	13G	Brass	12.5 mm, 14 mm, 16 mm
PB 14 H	14G	Brass	12 mm, 14 mm, 16 mm
PB 15 H	15G	Brass	12 mm, 14 mm, 16 mm



# TG Nipple Thread Lock system



Type	Thread	Material	Length
TG 13 H	13G	Brass	14 mm
TG 14	14G	Brass	14 mm, 16 mm
TG 14 H	14G	Brass	14 mm, 16 mm



Nipple

## Color Series -Nipple

### Standard Color / For Brass Nipple



Silver



Black

\*For reference only.  
Please refer to actual product for coloring.

### Anodize Color / For Alloy Nipple



001



002



003



004



007



010



017



023



024



025



029



037

# [ Color ]



# Spoke

## For Stainless Steel



Silver



ED Black



Black Oxide

## Powder Coating / For All Material



01



02



03



05



06



07



08



09



10



11



12



13



14



15



16

SD-PC



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## Ceramic Nanometer Ti Plating / For Stainless Steel



Copper



Ti Gold



Ti Black



Ti Rainbow



# [ Tools Accessories ]

## SPOKE TENSION METER



Type: PHT4080



Type: PHT5580



Type: PHT5550

### SPOKE WRENCH



- Type: 15G (3.2x3.2)
- 14G (3.2x3.2)
- 13G (3.6x3.6)
- 12G (3.9x3.9)

### TPS TOOL



### AERO SPOKE HOLDER



### WASHER



For External Nipple  
Type: PW 7542



For External Nipple  
Type: PW 7048



For External Nipple  
Type: PW 6035



For External Nipple  
Type: PW 8630

### BOX



### RULER



## HAND TOOL



Type: PHT7555 ◆ 5.5mm



Type: PHT1532 ■ 3.2mm



Type: PHT7536 ■ 3.6mm



Type: PHT6032 ■ 3.2mm



# *Richman*



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