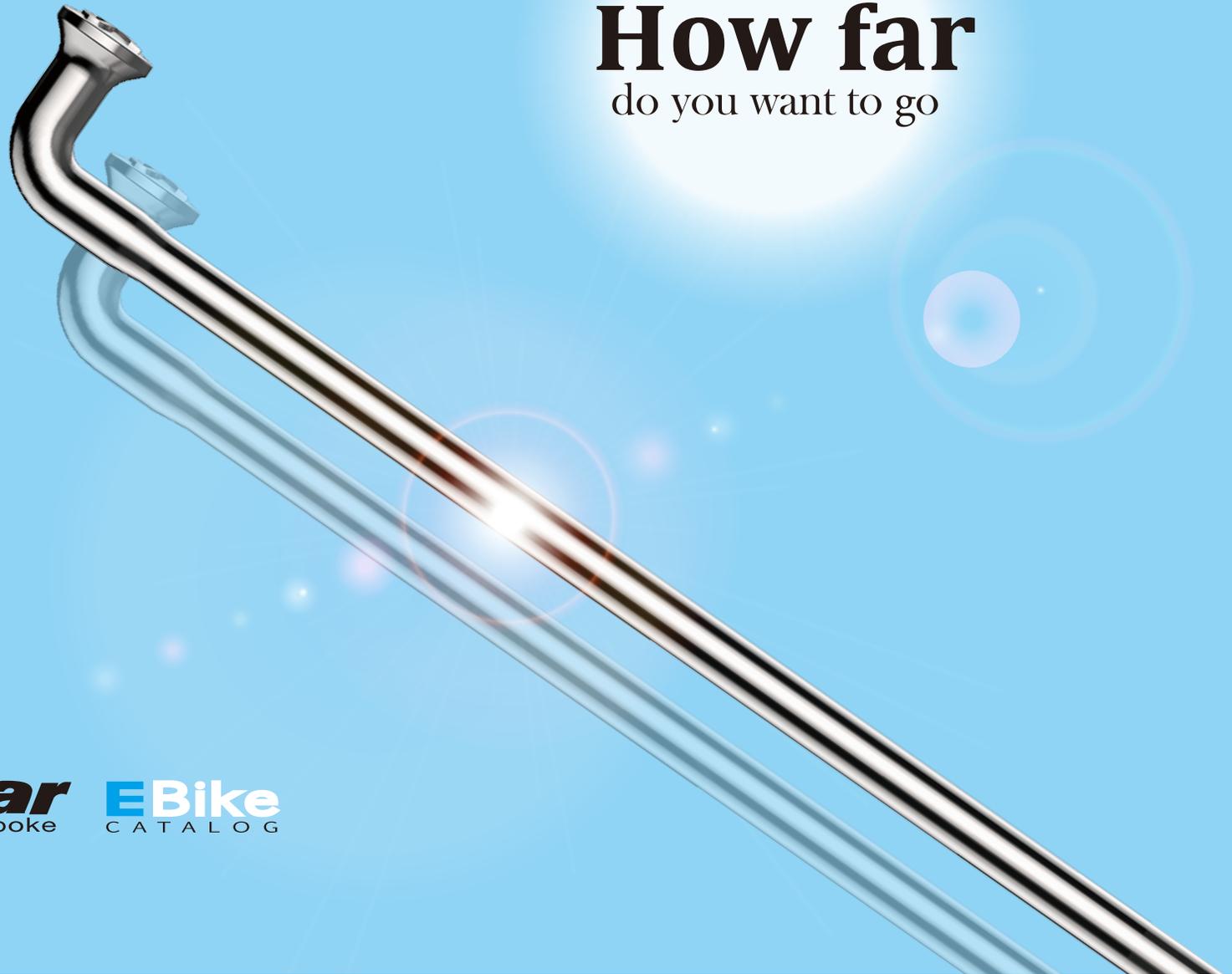


How far
do you want to go



HISTORY

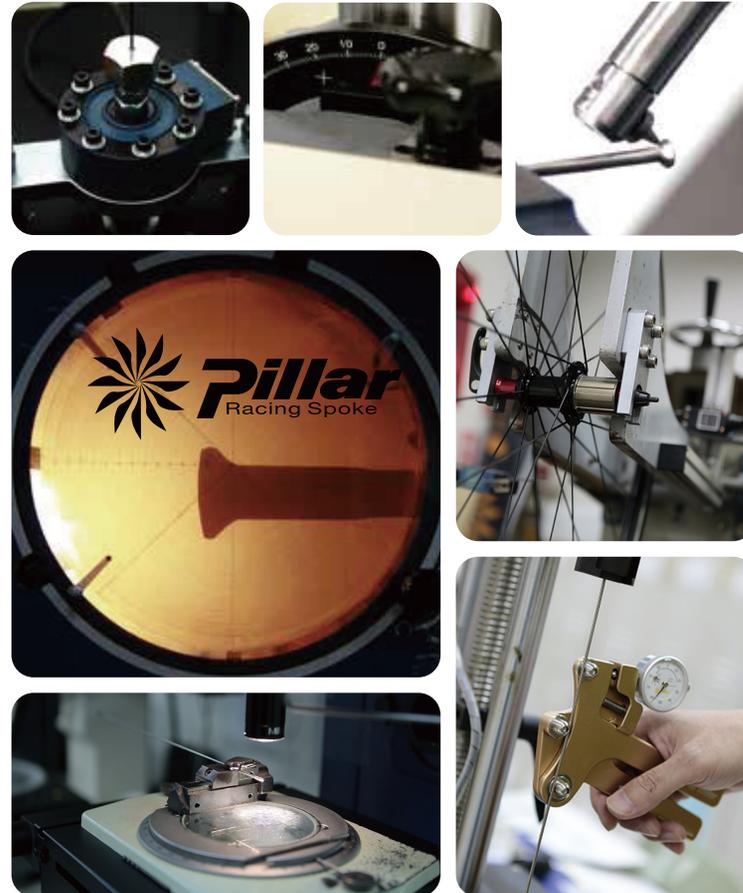


For over 30 years, Pillar has been a world leader in the development of spokes. With specialized production facilities in Taiwan closely linked to its own research and development facilities, Pillar is today the first choice for spokes and nipples from the most renowned manufacturers in the bicycle industry.

Production is currently well over 2 million units per month, and an important building block of our success is the clear communication with each and every one of our customers. The development of personal customer relationships gives us the opportunity to analyze each individual customer requirement in detail at our customers' locations and thus to fulfill it efficiently and to the best of our ability.

Pillar holds countless patents on the technologies and products that have been developed over the years.

Contact us with the certainty that there is no other spoke manufacturer in the world today that is able to meet your needs.



OVERVIEW

Standard Plain Gauge

標準圓輻條

Model	T	ØD1	α	H*	L	Weight (260 mm)
P 14	9.0 mm	2.0 mm	95°	6.2 mm	70-310 mm	6.5 g
P 13	9.0 mm	2.3 mm	95°	7.0 mm	70-310 mm	8.5 g
S 13	9.0 mm	2.3 mm	95°	7.0 mm	70-310 mm	8.5 g
S 12	10.0 mm	2.6 mm	100°	8.0 mm	160-310 mm	11.0 g

Reinforced Plain Gauge

加強圓輻條

Model	T	ØD1	ØD2	α	H*	L	Weight (260 mm)
PSR 14	9.0 mm	2.2 mm	2.0 mm	95°	6.6 mm	130-310 mm	6.5 g
PSR 13	9.0 mm	2.5 mm	2.3 mm	95°	7.0 mm	130-310 mm	8.5 g
SR 13	9.0 mm	2.5 mm	2.3 mm	95°	7.0 mm	130-310 mm	8.5 g

Specialty Spoke

特殊縮牙輻條

Model	T	ØD1	ØD2	α	H*	L	Weight (260 mm)
P 13/14	9.0 mm	2.3 mm	2.0 mm	95°	7.0 mm	160-310 mm	8.4 g
S 13/14	9.0 mm	2.3 mm	2.0 mm	95°	7.0 mm	160-310 mm	8.4 g

Single Butted

單抽輻條

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

Double Butted

雙抽輻條

Model	T	ØD1	ØD2	ØD3	α	H*	L	Weight (260 mm)
PDB 1314	9.0 mm	2.3 mm	2.0 mm	2.3 mm	95°	7.0 mm	160-310 mm	7.0 g
SDB 1314	9.0 mm	2.3 mm	2.0 mm	2.3 mm	95°	7.0 mm	160-310 mm	7.0 g
SDB 1213	10.0 mm	2.6 mm	2.3 mm	2.6 mm	100°	8.0 mm	160-310 mm	9.2 g

07

08

09

10

11

TECHNOLOGY

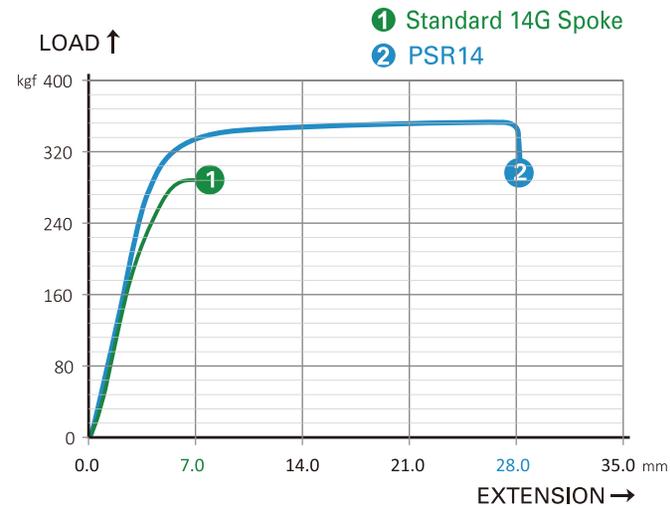
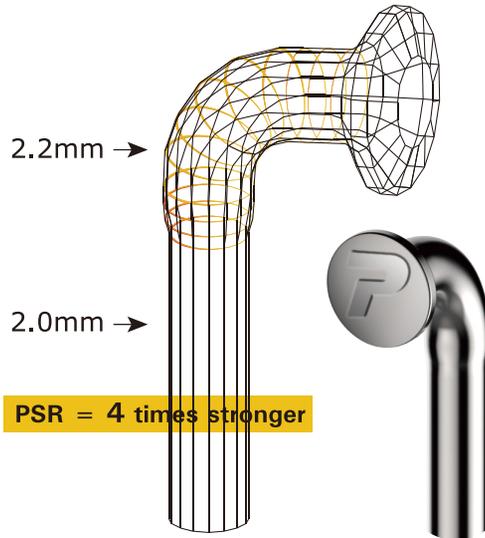


Pillar Spoke Reinforce



As clearly indicated in the chart, you will see the PSR spoke is four times stronger than standard spokes. PSR has been developed by Pillar

Spokes over years, making Pillar the industry leader for both aftermarket and OEM alike.

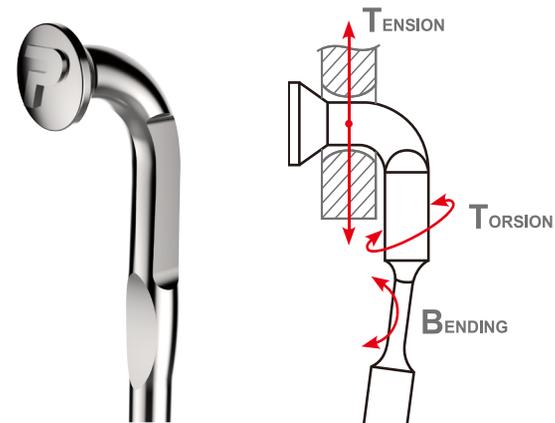
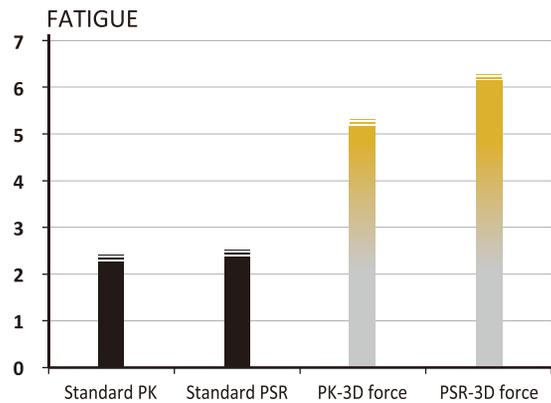


TECHNOLOGY



3D-force spoke can set the spoke body at the correct position and direction for assembly and force handling. The first flattened section absorbs torsion and the second flattened section helps transfer tension thus allowing the change of angle of bending so that the spoke

body, when put into use, may effectively absorb or transfer shock transmitted thereto. This proprietary combination significantly enhances the fatigue resistance of the spoke body. If you want your wheels to significantly outlast the competition, 3D-Force will deliver.



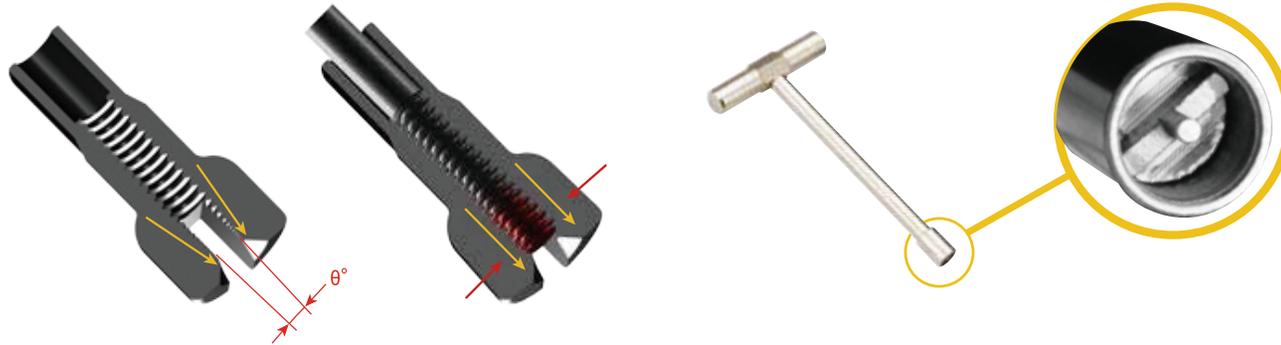


Taper Grip Nipple



Taper Grip Nipples are designed to attain maximum grip without the use of adhesives. the TG nipple will lock itself to the spoke threads as the tension is increased and due to its unique design, will not come loose during its use.

Please use custom-designed PHT-TG TOOL to position TG nipple. TPS is recommended when TG nipple goes with butted or straight pull spoke.





Standard Plain Gauge

STRENGTH

Swedish T302+ "P" Logo, Taiwanese SUS304 "R" Logo
 Plain gauge spoke is available in 2.0mm, 2.3mm or 2.6mm.
 2.3mm or 2.6mm suggested for heavy load, cargo bikes.

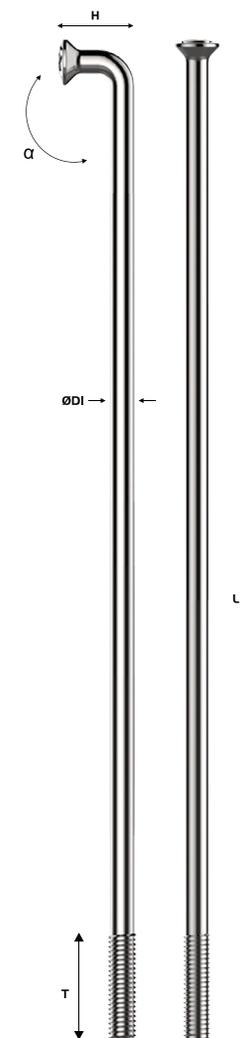
THREAD

Rolled (BC 56, DIN 79012)

COLOUR



Model	T	ØD1	α	H*	L	Weight (260 mm)
P 14	9.0 mm	2.0 mm	95°	6.2 mm	70-310 mm	6.5 g
P 13	9.0 mm	2.3 mm	95°	7.0 mm	70-310 mm	8.5 g
S 13	9.0 mm	2.3 mm	95°	7.0 mm	70-310 mm	8.5 g
S 12	10.0 mm	2.6 mm	100°	8.0 mm	160-310 mm	11.0 g



標準圓幅條

* Due to different thickness of the flanges, Pillar offers different Jbend height upon request.

* 由於花鼓的厚度不同，Pillar可根據要求提供不同的輻條彎頭高度。



Reinforced Plain Gauge

STRENGTH

Swedish T302+ "P" Logo, Taiwanese SUS304 "R" Logo

Using Pillar's patented cold forge technology, each spoke head is strengthened 4 times stronger when compared to standard spoke head, minimizing spoke failure.

This is our most popular spoke for Ebikes, widely used among Ebike sharing programs.

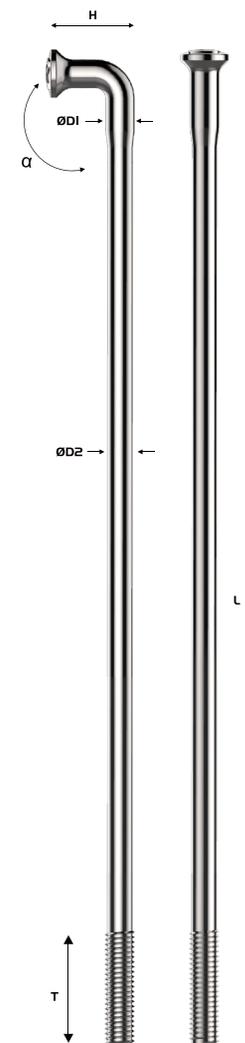
THREAD

Rolled (BC 56, DIN 79012)

COLOUR



Model	T	ØD1	ØD2	α	H*	L	Weight (260 mm)
PSR 14	9.0 mm	2.2 mm	2.0 mm	95°	6.6 mm	130-310 mm	6.5 g
PSR 13	9.0 mm	2.5 mm	2.3 mm	95°	7.0 mm	130-310 mm	8.5 g
SR 13	9.0 mm	2.5 mm	2.3 mm	95°	7.0 mm	130-310 mm	8.5 g



加強圓輻條

* Due to different thickness of the flanges, Pillar offers different Jbend height upon request.

* 由於花鼓的厚度不同，Pillar可根據要求提供不同的輻條彎頭高度。



Specialty Spoke

STRENGTH

Swedish T302+ "P" Logo, Taiwanese SUS304 "R" Logo

This special spoke is a plain gauge 2.3mm spoke with only the thread area is reduced to the standard 2.0mm, this allows the spoke to fit any standard rim and nipple without compromising its strengths. Great for reducing inventory.

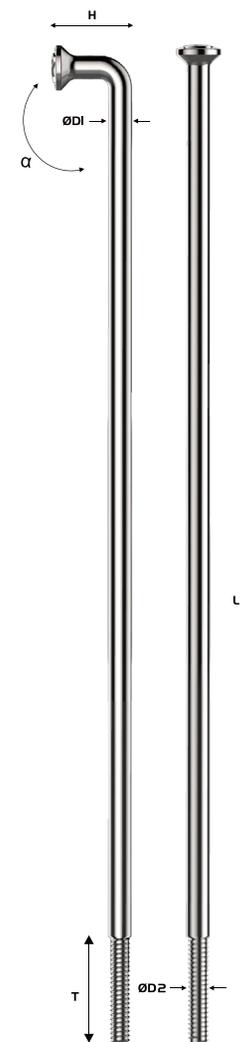
THREAD

Rolled (BC 56, DIN 79012)

COLOUR



Model	T	ØD1	ØD2	α	H*	L	Weight (260 mm)
P 13/14	9.0 mm	2.3 mm	2.0 mm	95°	7.0 mm	160-310 mm	8.4 g
S 13/14	9.0 mm	2.3 mm	2.0 mm	95°	7.0 mm	160-310 mm	8.4 g



特殊縮牙輻條

* Due to different thickness of the flanges, Pillar offers different Jbend height upon request.

* 由於花鼓的厚度不同，Pillar可根據要求提供不同的輻條彎頭高度。



Single Butted

STRENGTH

Swedish T302+ "P" Logo, Taiwanese SUS304 "R" Logo

The 2.3mm section of this SB34 spoke is near the spoke head area with the rest of the spoke reduced down to 2.0mm. This allows the spoke to withstand heavy weight load without compromising stiffness or increase spoke weight.

Also available with heavy duty 2.6mm spoke that reduces to 2.3mm in the body.

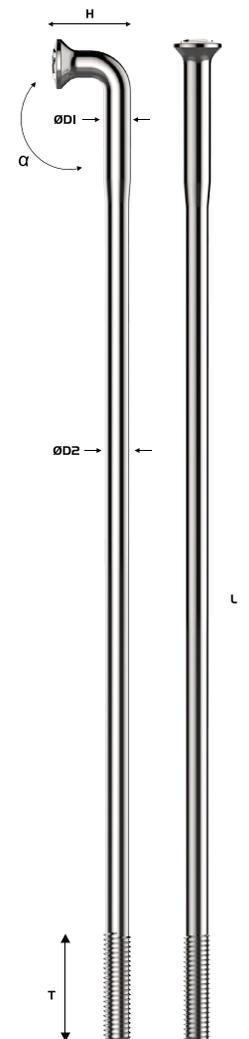
THREAD

Rolled (BC 56, DIN 79012)

COLOUR



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



單抽輻條

* Due to different thickness of the flanges, Pillar offers different Jbend height upon request.

* 由於花鼓的厚度不同，Pillar可根據要求提供不同的輻條彎頭高度。

Double Butted

STRENGTH

Swedish T302+ "P" Logo, Taiwanese SUS304 "R" Logo

Specially designed for Ebikes. This double butted spoke gives extra strength and stiffness to the wheel. Designed for heavy weight load and rough terrain. Starting at 2.6mm then reduced down to 2.3mm at the center of the spoke. Also available : 2.3mm reduced to 2.0mm

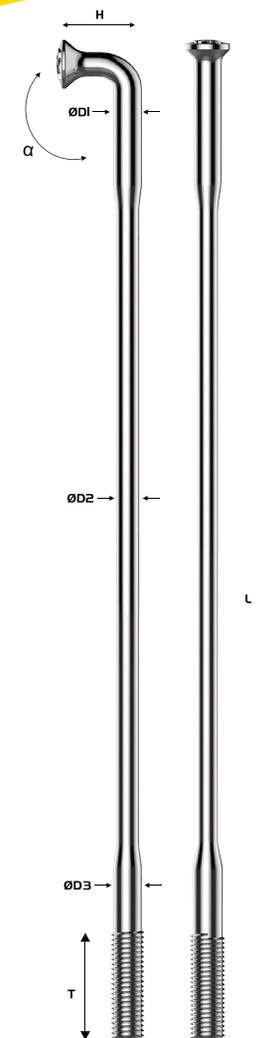
THREAD

Rolled (BC 56, DIN 79012)

COLOUR



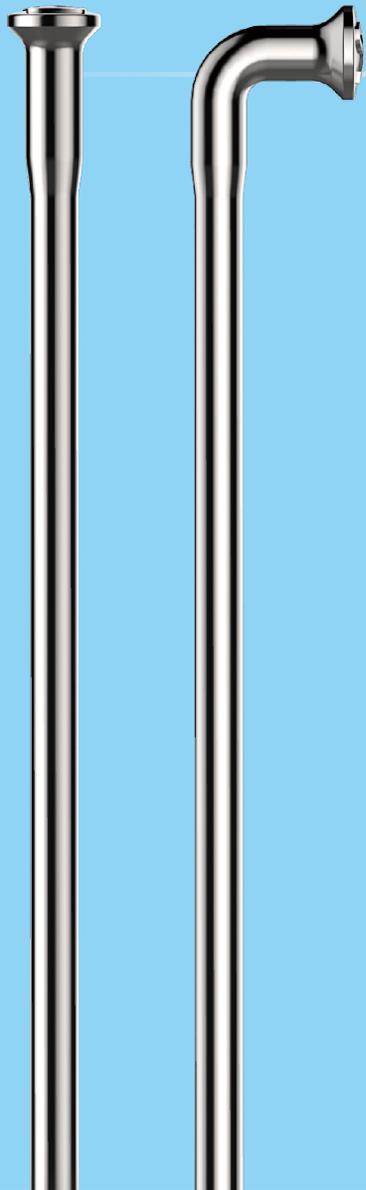
Model	T	ØD1	ØD2	ØD3	α	H*	L	Weight (260 mm)
PDB 1314	9.0 mm	2.3 mm	2.0 mm	2.3 mm	95°	7.0 mm	160-310 mm	7.0 g
SDB 1314	9.0 mm	2.3 mm	2.0 mm	2.3 mm	95°	7.0 mm	160-310 mm	7.0 g
SDB 1213	10.0 mm	2.6 mm	2.3 mm	2.6 mm	100°	8.0 mm	160-310 mm	9.2 g



雙抽輻條

* Due to different thickness of the flanges, Pillar offers different Jbend height upon request.

* 由於花鼓的厚度不同，Pillar可根據要求提供不同的輻條彎頭高度。



Ebike Spokes Specialist

*Pillar uses the highest quality stainless steel for Ebike spokes,
provide the best technical support
and custom designs unique
in the industry.*

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