



TAIA
CHAIN GUIDE



*Chains
For Future
Solution*



CHAIN GUIDE



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Explore

Have Fun

Reach Your Potential

Giving Your Life a Chains for the Better

Company Profile

Established in 1969, TAYA has been producing high precision bicycle chains for nearly half a century. TAYA Chain has since become the leading bicycle chain maker in Taiwan and has a high reputation for their technical expertise in surface coating technologies.

In 1999, TAYA opened their "TEBOLON" factory solidifying its role as a global leader and specialist of anti-rust coating treatment. The intensive and continuous R&D of Tebolon Coating solutions have brought about huge gains in innovation for cyclists where chains are frequently used in rough terrains experiencing salty, polluted and extreme acid / alkaline situations. Three such innovations are:

- **GST— Greener Surface Treatment**

GST rust proofs steel for up to 1000 hours of salt spray testing (Normal Nickel plating is max 45 hours). The best part is that this new coating is 100% environmentally friendly, free from Hexavalent Chromium.

- **DHT— Diamond Hard Tech**

This treatment is an extraordinary process which for the serious cyclist means durability and strength providing high-end advanced chain life.

- **Colorful Chain Series**

For both single speed and derailleur systems these chains allow our customers to personalize their bikes. The low-friction, high adhesion qualities of Teflon further enhance the "colorful cycling" experience.

In 2014, TAYA is taking bike chains to a new era with its **(EL) Evo-Light technology**. This incredible technological innovation provides a 15% weight saving and 100% pedaling power transformation. It is a true milestone in bike chain history.

In the past 50 years, searching for better chain solutions has always been TAYA's goal. TAYA will continue to devote its future to continuous improvement as it aims to be the bloodline of your riding experience!





Our Technology

1. Compatibility

The number one thing to know about TAYA's chains is the importance of compatibility - Our chains are meant for both MTB and Road Bike which can be fitted to any system.

2. Ease of Use

Our Sigma+ Link guarantees you an easy assembly process, either at home or on the road when you most need it.

3. Shifting Smoothness

Our DHT technology and double chamfers ensures that your chain gives you nothing but Perfect-Shifting. This is our promise to you.

The Fantastic

What TAYA brings you is what we call the "Fantastic 3"
- DHT, GST, Sigma Connector.

Fantastic 1 **GST** - Easy Maintenance

Fantastic 2 **DHT** - Durable and Great Shifting

Fantastic 3 **Sigma+ Connector** - Quick insert and pull

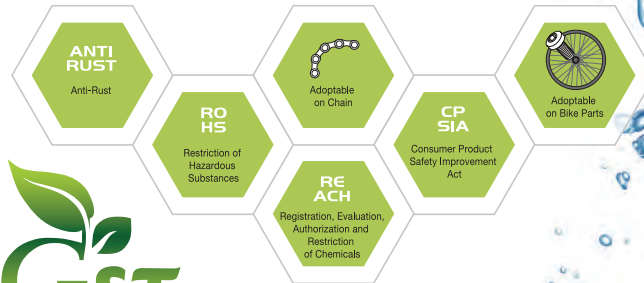


Fantastic 1

ENJOY RIDING IN EXTREME ENVIRONMENT
CONDITION WITH GST CHAINS

GST
Green firST

/ Anti-Rust Solution /



GST - Greener Surface Treatment

GST Technology - is a unique range of eco-coatings developed exclusively by TAYA and unrivalled in the industry. What does it mean?

- 100% Rust Resistance.
- Excellent corrosion protection for chains and other parts including bolts - up to 27 years of rust resistance!
- Easy maintenance – it is the 'Muddy Warrior' – easy to maintain before and after riding.
- Smoother shifting because the coating is 'baked-in' to the chain – it doesn't add to the chain's weight or thickness.
- Environmentally green – the manufacturing process does not use toxic chemicals or processes.



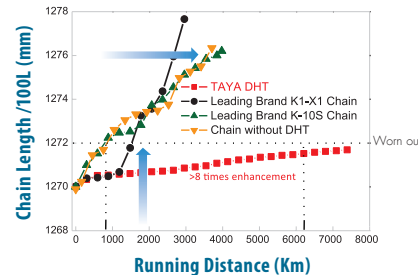
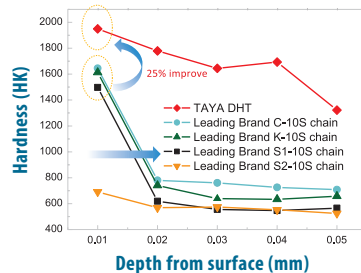
Fantastic 



/ Durable and Smooth Shifting /

DHT - Diamond Hard Technology

TAYA DHT (Diamond Hard Technology) increases the surface hardness by up to 25% and prevents chain-stretch over the competition. You can find DHT on TAYA's 12-speed TOLV series, 11-speed ONZE series, the 10-speed DECA Series, and others!



Miranda Racing Team
No.2 / 2018 EWS



Fantastic 3

SIGMA⁺ CONNECTOR

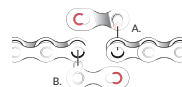
/ Quick insert and pull /

The Sigma⁺ Connector

- Available for 8 - 12 speed chains.
- Unique stopping latch design prevent the link loose.
- Quiet shifting experience from smooth plate design.
- DHT pin equipped to be self-lubricant, and as durable as other DHT chain links.
- Compatible for all brands of chain in the market.

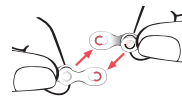
ASSEMBLY GUIDE

Step 1



Insert both (A) and (B) of Sigma⁺ Connector into ends of the chain.

Step 2



Buckle both halves of Sigma⁺ Connector together.

Step 3



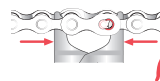
Use tool to lock Sigma⁺ Connector.

Step 4

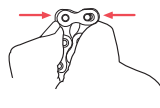


Check Sigma⁺ Connector to ensure no stiff links.

Unlocking



Remove Sigma⁺ Connector by tool.



Remove Sigma⁺ Connector.



Road &
Mountain Bike
Series

Ti-Black / Gold Chains

Road & Mountain Bike Series / 12, 11, 10 Speed / chains

Ti-Black/Gold series refines perfection in both design and functionality.

12 SPEED Series

TOLV-121



11 SPEED Series






ONZE-111



10 SPEED Series

DECA-101



-  Durable : DHT on main parts
-  Sub punched pin
-  Inner chamfered plate
-  Quietness : Deep inner waist chamfer
-  Great shifting : 4-edges chamfered outer plates

GALAXY

Road &
Mountain Bike
Series

SYNONYM
FOR AESTHETICS-TECH

- Fantastic surface treatment and anti-scratch
- Strict quality control in clean room
- Nothing but taste!

TAYA

Galaxy Chains

Road & Mountain Bike Series / 12, 11, 10 Speed / chains

At the same time sophisticated and extravagant, the TAYA-exclusive **Galaxy treatment** brings a reflective rainbow of colors to your bike.



12 SPEED Series






TOLV-121

11 SPEED Series

ONZE-111

10 SPEED Series

DECA-101

-  Durable : DHT on main parts
-  Sub punched pin
-  Inner chamfered plate
-  Quietness : Deep inner waist chamfer
-  Great shifting : 4-edges chamfered outer plates

Road Bike Series

Ultra-Performance Chains

Road Bike Series / 11, 10, 9 Speed / chains

Ultra-light chains made for all systems, UL edition, are the top performance chains by TAYA that meet the needs of the best riders. These chains are 100% compatible with different systems while having DHT (Diamond Hard Technology) to make sure they shift smoothly and accurately all the time, every time.

11 SPEED Series

ONZE-111 (UL)








10 SPEED Series

DECA-101 (UL)

9 SPEED Series

NOVE-91 (UL)



-  Durable : DHT on main parts
-  Light weight design
-  Durable : Mud and water shed off
-  Quietness : Deep inner waist chamfer
-  Great shifting : 4-edges chamfered outer plates
-  Inner chamfered plate
-  Hollow pins

Available finishes:

Ti-Gold / Ti-Black / GST(Ti-Gray) / Silver/Silver

Memil CCN Pro-cycling Team

Road &
Mountain Bike
Series

SHARING
WEIGHT
IN YOUR
ADVENTURE

Durable Series Chains

Chains made for all systems, TAYA proves chains that satisfy the most demanding riders. They are proven to be fully compatible with different systems while having DHT (Diamond Hard Technology) to make sure they shift smoothly and accurately all the time, every time.

12 SPEED **Series**
TOLV-121






11 SPEED **Series**
ONZE-111



10 SPEED **Series**
DECA-101

9 SPEED **Series**
NOVE-91



-  Durable : DHT on main parts
-  Quietness : Deep inner waist chamfer
-  Great shifting : 4-edges chamfered outer plates
-  Sub punched pin
-  Inner chamfered plate

Available finishes:

Ti-Gold / Ti-Black / GST(Ti-Gray) /
Silver/Silver / Silver/Black



E-Bike, E-MTB
& E-Cargo Bike
Series



E-bike Chains

Electric Bikes are all the rage these days but you can't just put an ordinary chain on them and expect them to work. E-bikes generate high torque and the chain needs to be up to the task. That's why TAYA creates the strongest chain in the industry.

11 SPEED Series

e ONZE-111



10 SPEED Series

e DECA-101



9 SPEED Series

e NOVE-91

8 SPEED / IGH Series

e OCTO-DH



- High loading resistance
- High torque resistance
- Anti-enlongation

Available finishes:

GST(Ti-Gray) / Silver/Silver

Color Derailleur Chains

Colors are fun! That's why TAYA created the Travelers Series and Up Beat Series for you. Every journey has a colorful memory and TAYA wants to be there with you.



TRAVELER SERIES
National flag color



UP BEAT SERIES
One color



Sigma+ Connectors

Features

- Reusable up to 3 times.
- Quick insert and pull.
- Easy maintain (DHT self-lubricant parts).



SCL-17
for all 12 speed chains



SCL-18
for all 11 speed chains



SCL-19
for all 10 speed chains



SCL-20
for all 9 speed chains



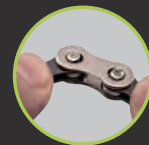
SCL-23
for all 8 speed chains

Check-up Time

Chain Maintenance

A smooth running efficient chain is a well maintained chain. Although TAYA's GST and DHT prolongs the life of the chain, and minimizes the work required to keep your chain in good running order, the following steps need to be carried out to keep you drivetrain running smoothly, and riding fun!

1. Use a quality chain checker to monitor chain wear. Once the chain shows wear, replace it. This will prolong the life of the whole drivetrain.
2. Do not add oil to a dirty drivetrain, this is one of the worst things you can do. To prolong chain life it is much better to lubricate a little and more often, and only after cleaning the chain.
3. Clean your drivetrain straight after a dirty or wet ride, doing so will prevent any corrosion to drivetrain parts which will accelerate chain wear. If you have a limited time to clean your bike then clean the drivetrain first, it doesn't matter if the frame is dirty.
4. Always carry a Sigma⁺ Connector. This can be the difference between a quick chain fix and a long walk home.



Memil CCN Pro-cycling Team

*Global
Distribution*



TAYA

TA YA CHAIN CO., LTD. www.tayachain.com



No. 30, Zhong Shan Rd., Rende Dist.,

Tainan City, 71752, R.O.C.

Tel : +886-6-2703166

Fax : +886-6-2703176

E-Mail : info@tayachain.com