

The World's No.1 Motorcycle Chain



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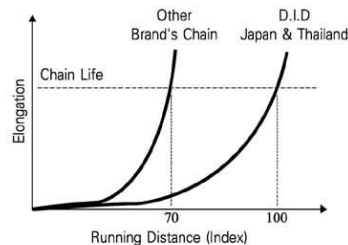
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Q1 Why are D.I.D chains superior?

A D.I.D chains have excellent durability for all range of Motorcycle.

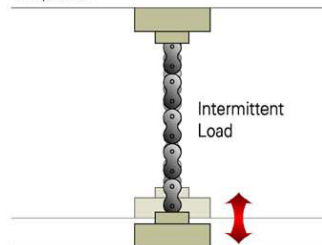
Wear Resistance

Wear resistance means that the chain retains low friction and increase overall durability against elongation when operating. D.I.D chains have excellent wear resistance performance comparing with other brand chains. And D.I.D chains line up from standard chains to exclusive racing chains are available for all demands of uses.



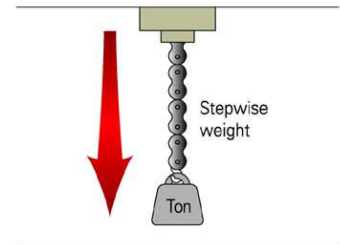
Fatigue Strength

Fatigue strength is continuous load capacity when the chain is damaged affected on the drive. D.I.D chains use selected Hi-carbon steel, special heat treatment and made by hi technology production process.



Tensile Strength

Tensile strength is brakage load capacity when the chain is damaged affected by maximum torque when driving start.



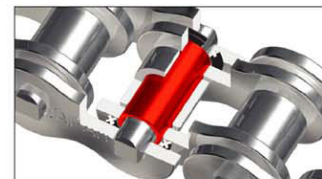
Structure of Drive Chain



Pin

Pins support all the load acting on the chain, together with inner and outer plate, and when the chain is engaged with a sprocket, the pins slide as bearings.

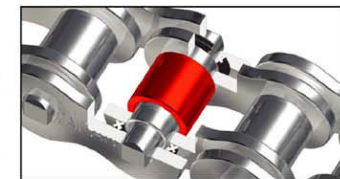
▪ Tensile Strength ▪ Fatigue Strength ▪ Wear Resistance



Bushing

Bushing act to prevent the shock received through rollers when the chain is engaged with sprocket from being directly transmitted to pins, and also act as bearing, along with the pins.

▪ Impact Resistance ▪ Wear Resistance



Roller

Roller act to smoothly bend the chain when the chain is engaged with a sprocket, to protect the chain from impact with the sprocket.

▪ Impact Resistance ▪ Crash Strength ▪ Wear Resistance



Inner / Outer Plate

Plates are subject to repeated tension of the chain, and sometimes a large shock.

▪ Tensile Strength ▪ Fatigue Strength ▪ Brittleness Strength



Seal Ring

Seal Ring acts to seal the grease on parts of Pin and Bushing area prevents wear elongation.

▪ Wear Resistance ▪ Low Friction ▪ Heat Resistance



Grease

Lubricates parts of Pin and Bushing area for low friction

▪ Wear Resistance ▪ Lubricity