

Tsubaki *Chain...*

Road
Series



TSUBAKI
MOTORCYCLE CHAIN

world's no.1 chainmaker

...never ending purs

SIGMA OR5

Low maintenance

As this O-ring chain is manufactured with high technology and based on long experience, we bring you a chain that simply has no equal. This heavy duty chain is ideal for the current generation of Motorcycles with high power rating. When this chain reaches the operational temperature it is running smoothly and has less articulation friction.

OMEGA OR5

The OMEGA chain offers you an affordable sealed O-ring chain which reaches it's optimal performance when used on less powerful bikes.

CHAIN KIT

Tsubaki Chain Kit is especially selected for your bike, based on the most suitable chain and sprocket (C45). The combination of highly accurate products results in a maximum life span of your bike's transmission. On some occasions Tsubaki offers you also an alternative for a maximum value and durability against more competitive prices. Please consult your dealer for the right selection as well as for the installation.



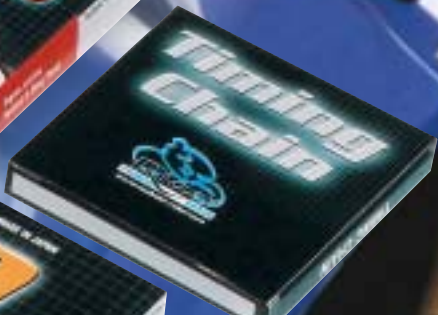
ALPHA OR5

Key issues of this O-ring chain are safety and low maintenance. This quality product therefore suits a large range of motor cycles.

Of course the current Alpha series provides you with a high mileage. Due to the superseal O-rings surrounded by shouldered and projected bushings, this longer wear life is expected. High viscosity grease is vacuum injected internally to dissipate heat and shock load.

Unit for improvement

TSUBAKI MADE IN JAPAN



TIMING CHAIN

A broad program of timing chain is available. For more information we refer to our website www.tsubakirider.com

GAMMA

An economical quality roller chain (with solid rollers) which is suitable for less powerful bikes and average mileage. The press fit pins quad-stake riveting add additional strength to the chain and the critical components are heat treated and shot peened for greater durability.

ALPHA XTRG

Low maintenance & friction

This newly developed chain (2004) has gold coloured outer link plates for an attractive appearance and TX4 (low friction) SEALED RINGS which result into smooth accumulation and substantial reduction of power loss. This chain is therefore ideal for the current generation of Sports Bikes.

HISTORY

For over eighty years, Tsubaki has been devoted to improving the quality of roller chain, and in so doing has become the world's leading manufacturer of chain products. The company now supplies chain in a huge variety of types, sizes and materials to meet diverse demands in a wide range of applications and maintains a longstanding reputation for quality and reliability around the world. From our European motorcycle division, based in Rotterdam – Holland, we will market and develop superior motorcycle chain products which will answer customers (drivers) needs and our tradition of excellence is in line with the technology of the 21st century. No one knows exactly when the idea for roller chain was first conceived, although the brilliant 15th century inventor Leonardo da Vinci produced a series of sketches illustrating basic-chain. Some of these drawings closely resemble the actual form of modern day roller chain. However, it wasn't until the late 19th century, when it was adopted for use in the drive mechanism of bicycles, that roller chain was manufactured on a large scale. And now, despite the fact that it has been in widespread use for the more than one hundred years since then, the basic form of roller chain has changed very little, a magnificent, testimony to the effectiveness of its original design.

PRACTICAL TIPS

- Never use degreaser, petrol or other volatile materials for cleaning
- Lubricate the chain every 300-500 kms with O-ring safe chain lube
- Lubricate the chain when it is still slightly warm (after riding)
- Replace the chain when an O-ring is missing
- New chain: also replace the sprockets
- Always use a pin link
- Use special chain tools
- Check the chain regularly
- Ask for professional advice



Tsubaki Motorcycle Department

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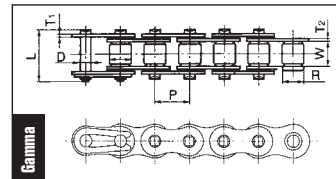
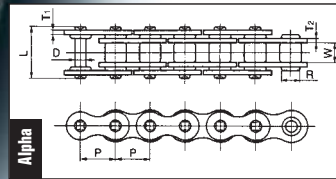
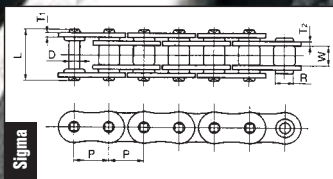
Note: in accordance with the policy of TSUBAKIMOTO CHAIN CO. to constantly improve it's products, the specification in this catalog are subject to change without notice

For installation and maintenance please consult your local dealer. We also refer to the backside of our chain boxes. TSUBAKI chain made in Japan

	TSUBAKI CHAIN No.	Pitch P	Roller Dia. R	Inner Links inner Width W (Min)	Pin Dia D	Pin Link Plate Thickness T1	Pin Link Plate Thickness T2	Pin Length L	Avg. Tensile Strength KN	Weight kg/m
Sigma XRG-ORS	520	15,875	10,22	6,35	5,40	2,40	2,40	21,95	39,2	1,31
	525	15,875	10,22	7,94	5,40	2,40	2,40	23,25	42,2	1,36
	530	15,875	10,22	9,53	5,40	2,40	2,40	24,80	45,1	1,36
Alpha XRG-ORS	420	12,700	8,50	7,94	4,44	1,80	1,80	20,10	23,6	0,83
	520	15,875	10,22	6,35	5,23	2,00	2,00	21,25	35,3	0,98
	525	15,875	10,22	7,94	5,23	2,20	2,20	22,55	35,3	1,11
	530	15,875	10,22	9,53	5,23	2,40	2,40	24,90	42,2	1,30
Omega ORS	520	15,875	10,16	6,35	5,24	2,00	2,00	20,20	32,4	0,98
	525	15,875	10,16	7,94	5,24	2,20	2,20	22,60	33,3	1,10
	530	15,875	10,16	9,53	5,34	2,20	2,40	24,70	39,2	1,25
Gamma	415	12,700	7,77	4,80	3,97	1,45	1,45	14,50	17,7	0,52
	420	12,700	7,77	6,35	3,97	1,50	1,50	15,80	18,6	0,59
	428	12,700	8,50	7,94	4,45	1,50	1,50	18,10	18,6	0,75
	520	15,875	10,16	6,35	5,09	2,00	2,00	20,90	31,9	0,95
	525	15,875	10,16	7,94	5,09	2,00	2,00	20,90	31,9	0,99
	530	15,875	10,16	9,53	5,09	2,00	2,00	22,80	31,9	1,04

Expected Chain lifespan*		
Series	Km from	Up to
Sigma series	20.000	25.000
Alpha series	15.000	25.000
Omega series	10.000	20.000
Gamma series	5.000	12.000

*When fitted with new sprockets and maintained properly. Higher values are possible with frequent maintenance.



MOTORCYCLE CHAIN - HP CHART		= MAX. HP											
HORSE POWER		<20	40	60	80	100	120	130	140	150	160	170	180
SERIES	SIZE												
SIGMA XRG-ORS	530												
SIGMA XRG-ORS	525												
SIGMA XRG-ORS	520												
ALPHA XRG	530												
ALPHA XRG	525												
ALPHA XRG	520												
ALPHA ORS	530												
ALPHA ORS	525												
ALPHA ORS	520												
ALPHA ORS	428												
Omega ORS	530												
Omega ORS	525												
Omega ORS	520												
Gamma ORB	530												
Gamma ORB	525												
Gamma ORB	520												
Gamma ORB	428												

NOTE: Above mentioned ratings are indications and not for racing applications. Please contact your dealer!