



TSUBAKIMOTO CHAIN CO.

Headquarters
 Nakanoshima Mitsui Building
 3-3-3 Nakanoshima, Kita-ku
 Osaka 530-0005, Japan
 Phone : +81-6-6441-0011
 Facsimile : +81-6-6441-0489
 Internet:
<http://tsubakimoto.com/>

**Chain & Power Transmission Operations
 Chain Products Department**
 1-3 Kannabidai 1-chome
 Kyotanabe, Kyoto 610-0380, Japan
 Phone : +81-774-64-5100
 Facsimile : +81-774-64-5212



Kyotanabe Plant

Global Associated Partners:

NORTH and SOUTH AMERICA

**U.S. TSUBAKI
 POWER TRANSMISSION, LLC**
 301 E. Marquardt Drive
 Wheeling, IL 60090-6497
 U.S.A.
 Phone : +1-847-459-9500
 Facsimile : +1-847-459-9515

TSUBAKI of CANADA LIMITED
 1630 Drew Road
 Mississauga, Ontario, L5S 1J6
 Canada
 Phone : +1-905-676-0400
 Facsimile : +1-905-676-0904

**TSUBAKI BRASIL
 EQUIPAMENTOS INDUSTRIAIS LTDA.**
 Rua Pamplona, 1018 - CJ. 73/74
 Jardim Paulista, CEP 01405-001
 São Paulo - S.P. Brazil
 Phone : +55-11-3253-5656
 Facsimile : +55-11-3253-3384

EUROPE

TSUBAKIMOTO EUROPE B.V.
 Aventurijn 1200, 3316 LB Dordrecht
 The Netherlands
 Phone : +31-78-6204000
 Facsimile : +31-78-6204001

TSUBAKIMOTO U.K. LTD.
 Osier Drive, Sherwood Park
 Annesley, Nottingham
 NG15 0DX U.K.
 Phone : +44-1623-688-700
 Facsimile : +44-1623-688-789

TSUBAKI DEUTSCHLAND GmbH
 ASTO Park Oberpfaffenhofen
 Friedrichshafener Straße 1
 D-82205 Gilching, Germany
 Phone : +49-8105-7307100
 Facsimile : +49-8105-7307101

ASIA and OCEANIA

TSUBAKIMOTO SINGAPORE PTE. LTD.
 25 Gul Lane
 Jurong
 Singapore 629419
 Phone : +65-6861-0422/3/4
 Facsimile : +65-6861-7035

TSUBAKIMOTO (THAILAND) CO., LTD.
 388 Exchange Tower, 19th Floor Unit
 1902, Sukhumvit Road, Klongtoey
 Bangkok 10110 Thailand
 Phone : +66-2-262-0667/8/9 (3 lines)
 Facsimile : +66-2-262-0670

**TSUBAKI INDIA
 POWER TRANSMISSION PTE. LTD.**
 Chandrika Chambers No.4, 3rd Floor
 Anthony Street, Royapettah
 Chennai-600014, Tamil Nadu, India
 Phone : +91-44-4231-5251
 Facsimile : +91-44-4231-5253

**TSUBAKIMOTO SINGAPORE PTE. LTD.
 VIETNAM REPRESENTATIVE OFFICE**
 8F H&H Building, 209 Hoang Van Thu
 Phu Nhuan District, Ho Chi Minh City
 Vietnam
 Phone : +84-8-3999-0131 or 0132
 Facsimile : +84-8-3999-0130

**TSUBAKIMOTO SINGAPORE PTE. LTD.
 INDONESIA REPRESENTATIVE OFFICE**
 Wisma Kyoei Prince, 11th Floor, Suite 1106
 Jl. Jend. Sudirman, Kav. 3, Jakarta 10220
 Indonesia
 Phone : +62-21-5724-275
 Facsimile : +62-21-5724-275

TSUBAKI AUSTRALIA PTY. LTD.
 Unit E, 95-101 Silverwater Road
 Silverwater, N.S.W. 2128
 Australia
 Phone : +61-2-9704-2500
 Facsimile : +61-2-9704-2550

TAIWAN TSUBAKIMOTO CO.
 No. 33, Lane 17, Zhiciang North Road
 Gueishan Township, Taoyuan County
 Taiwan
 Phone : +886-33-293827/8/9
 Facsimile : +886-33-293065

**TSUBAKIMOTO CHAIN TRADING
 (SHANGHAI) CO., LTD.**
 Room 1703, Aetna Tower, 107
 Zunyi Rd., Changning District
 Shanghai 200051, China
 Phone : +86-21-5396-6651/2
 Facsimile : +86-21-5396-6628

Distributed by:



Stainless Steel Chain

Tsubaki's long-life LSC Series Stainless Steel Chain is beneficial in dry environments, in contact with water, or even underwater. Stainless steel chains are an ideal choice in production lines with a washdown process; in the food industry, where water is often part of the production process; in sanitary and pharmaceutical packaging industries; and in a wide variety of other industries.



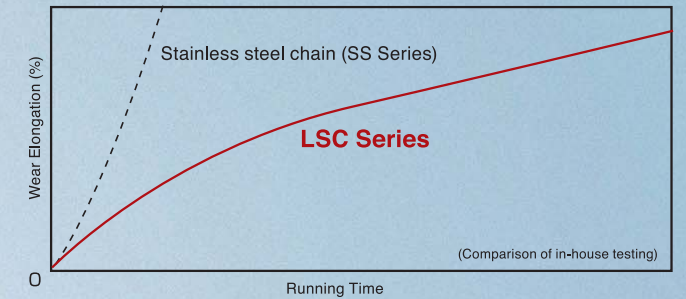
LSC Series Features

Long Life Has the same maximum allowable load as a stainless steel chain, but offers a longer wear life.

The LSC Series Chain with stainless steel rollers provides over four times the wear life compared to SS Series Stainless Steel Chain. Meanwhile, the increased wear resistance of the engineering plastic rollers (white) gives them over ten times the conventional wear life.



Stainless steel rollers



Comparison of LSC Series Superior Wear Life

Operating conditions	Roller type	Stainless steel	Engineering plastic (white)
Dry environment		More than 4x wear life	More than 10x wear life*
Contact with water/underwater		More than 4x wear life	

Tsubaki does not recommend using LSC Series Chain with engineering plastic rollers in contact with water or underwater, due to the possibility of premature roller wear. *For white engineering plastic only; small-size rollers rated at 50% MAL. Please refer to the Tsubaki catalog for additional chain selection.

A lube-free, long-life chain to match any need.
Solves common problems with conventional chains:

Costly and time-consuming replacement of elongated chains

Poor chain articulation

Excessive chain noise in the workplace

Poor positioning during work transfer

Tsubaki's new LSC Series Stainless Steel Chain helps solve all of these problems!

■ Uses a Plastic Sleeve for the Bearing

Features black engineering plastic sleeves between the SS Series stainless steel chain pins and bushing. Rollers can be either stainless steel or engineering plastic (white).

Material

Base chain: Stainless steel (pins, bushes, plates)

Rollers: Stainless steel
Engineering plastic (white)

Sleeves: Engineering plastic (black)

Available Sizes

RS40-LSC – RS80-LSC
RF2040-LSC – RF2080-LSC

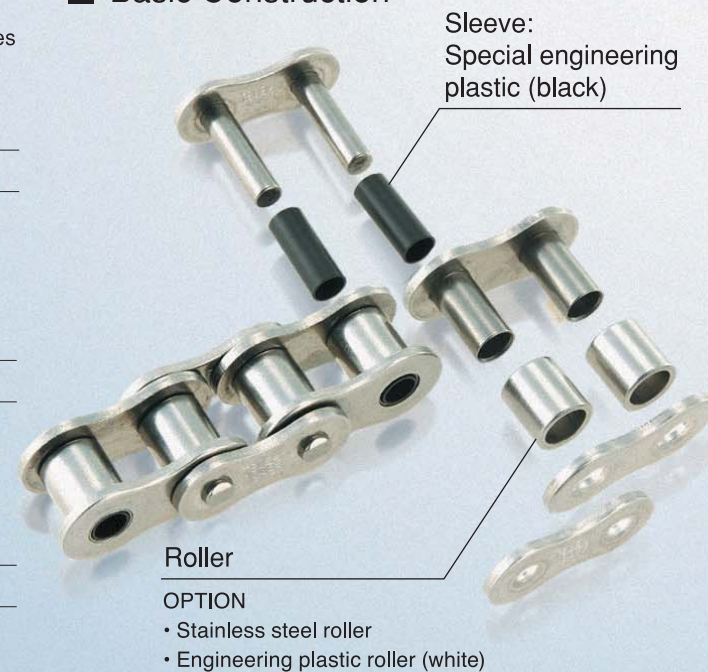
(Standard small rollers and oversized rollers are available)

Note: • Made-to-order product
• Attachments available in all sizes

Operating Temperature Range

-20°C to 100°C (with stainless steel rollers)
-20°C to 80°C (with engineering plastic rollers)

■ Basic Construction



Engineering plastic rollers

Quiet and Lightweight

(Engineering Plastic Roller)

With engineering plastic rollers there is no metal-on-metal contact. As a result, drives and conveyors are 7 dB to 10 dB quieter than with SS Series stainless steel chain. The LSC Series Chain is also lightweight, making it easier to handle.

Comparison with Stainless Steel Chain

- Quieter** 7 dB to 10 dB quieter
- Lightweight** 15% lighter than with standard rollers
40% lighter than with standard oversized rollers



Clean

Uses materials* compliant with the Japanese Food Sanitation Law, making it ideal for food processing plants, sanitary equipment, pharmaceutical packaging equipment, and other situations where cleanliness is important.

*Plastic rollers and special engineering plastic sleeves

⚠ Caution when disassembling or connecting LSC Series Chain
When the chain is disassembled, be careful that the engineering plastic sleeve (black pipe) between the pins and bushing does not fall out. Also, ensure that the sleeves are present between the pins and bushing when connecting an LSC Series Chain.

⚠ Clean regularly to remove any black dust that may appear.