

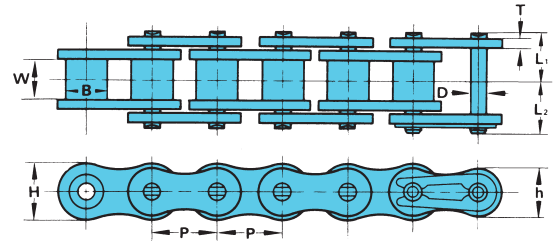
# Lube-Free Chain



For use where normal lubrication is not practical, i.e., food processing equipment, packaging machines, printing and binding equipment, and textile machines.

High quality lubricant is impregnated into the sintered metal bushings. Joint movement between the pin and bushing releases the necessary volume of oil to the pin surface and other parts, thereby minimizing chain elongation and eliminating the risk of chain seizure from insufficient lubrication.

See our Drive Series LAMBDA® (page A-25) and Conveyor Series LAMBDA chains (page B-11) for additional specifications on other lube-free chains.



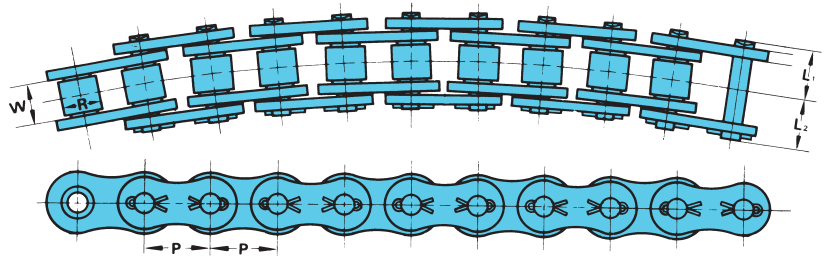
| U.S. TSUBAKI<br>Chain No. | Pitch<br>P | Bushing Diameter<br>B | Width Between Inner Link Plates<br>W | Pin  |                |                | Link Plate |      |      | Average Tensile Strength lbs. | Approx. Weight lbs./ft. |
|---------------------------|------------|-----------------------|--------------------------------------|------|----------------|----------------|------------|------|------|-------------------------------|-------------------------|
|                           |            |                       |                                      | D    | L <sub>1</sub> | L <sub>2</sub> | T          | H    | h    |                               |                         |
| RS40SL                    | .500       | .312                  | .297                                 | .156 | .325           | .392           | .060       | .472 | .409 | 3,300                         | .43                     |
| RS50SL                    | .625       | .400                  | .359                                 | .200 | .406           | .472           | .080       | .591 | .512 | 5,200                         | .70                     |
| RS60SL                    | .750       | .469                  | .485                                 | .234 | .506           | .581           | .094       | .713 | .614 | 7,400                         | 1.03                    |

# FX Chain

## FX CHAINS

U.S. Tsubaki FX chains feature excellent durability and flexibility for tough applications such as in concrete mixers, earth moving equipment, and mining machines.

1. FX chains are interchangeable with ASME/ANSI standard chains and can operate on the same ASME/ANSI standard sprocket.
2. Increased clearance between pins and bushings allows the chains to accommodate a 4 inch lateral side bow and an 8 degree twist per 4 feet of chain.



| U.S. TSUBAKI<br>Chain No. | Pitch<br>P | Roller Diameter<br>R | Width Between Roller Link Plates<br>W | Pin            |                | Average Tensile Strength lbs. | Approx. Weight lbs./ft. |
|---------------------------|------------|----------------------|---------------------------------------|----------------|----------------|-------------------------------|-------------------------|
|                           |            |                      |                                       | L <sub>1</sub> | L <sub>2</sub> |                               |                         |
| RS100FX                   | 1.250      | .750                 | .750                                  | .778           | .900           | 24,000                        | 2.51                    |
| RS120FX                   | 1.500      | .875                 | 1.000                                 | .980           | 1.138          | 34,000                        | 3.69                    |
| RS140FX                   | 1.750      | 1.000                | 1.000                                 | 1.059          | 1.248          | 46,000                        | 5.00                    |
| RS160FX                   | 2.000      | 1.125                | 1.250                                 | 1.254          | 1.451          | 58,000                        | 6.53                    |
| RS180FX                   | 2.250      | 1.406                | 1.406                                 | 1.404          | 1.671          | 72,000                        | 8.69                    |