

Super Chain

Proven Performance



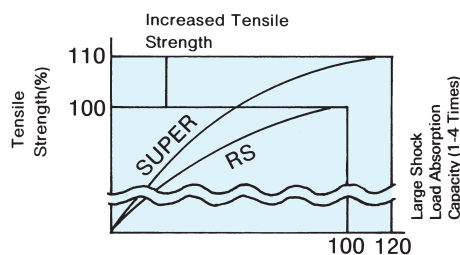
ASME/ANSI standard roller chains are widely used in various industries. To meet the insistent demands of heavy industry, construction and agriculture, stronger and higher performing chains which can replace the corresponding ASME/ANSI standard chains are necessary. U.S. Tsubaki offers a line-up of Super and Ultra Super Chains which will solve your specific driving and conveying problems relating to heavy shock load and/or space limitations.

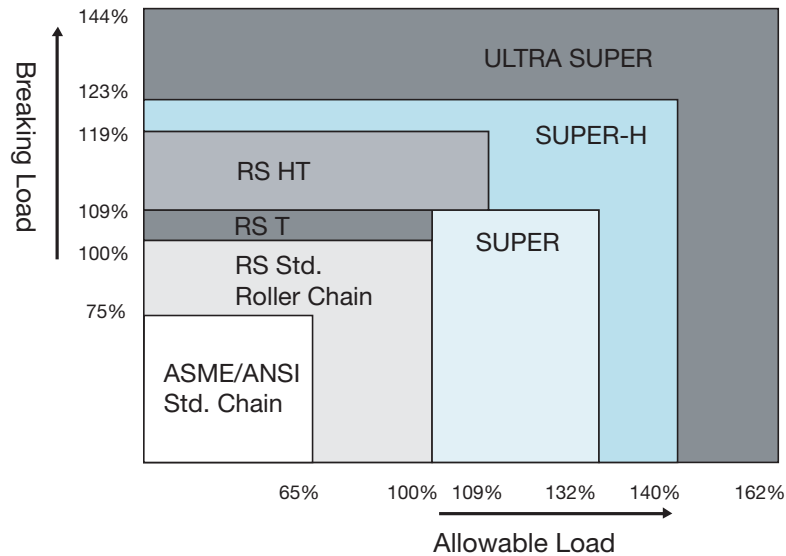
SUPER ROLLER CHAIN SUPER 80 ~ 240

High fatigue and tensile strength allow the selection of a chain one size smaller than would be required with standard chain.

Pins constructed of "high toughness" steel give this chain exceptional ability to absorb shock loads.

The link plate holes are ball drifted to obtain high fatigue strength.





If you have a problem like breakage of pins due to heavy shock loads, we suggest that you use either the T Series or the HT Series.

If you have problems such as fatigue breakage of link plates, generally poor performance, or a space limitation, we suggest that you use the Super Series, Super-H Series or Ultra Super Series. You may be able to use the next smaller size chain or even a chain two sizes smaller.

T Series

T Series chains have greater shock load resistance and higher ultimate tensile strength than comparable ASME/ANSI standard roller chains. This is accomplished by using thru hardened pins. The dimensions of the chains are identical to ASME/ANSI standard roller chains.

HT Series

HT Series chains have a greater ultimate tensile strength (plus 15-30%) than ASME/ANSI standard roller chains by using thru hardened pins and link plates of the next larger chain size. These chains also provide greater shock load resistance. The dimensions of the chains are identical to those of the ASME/ANSI Heavy Series standard roller chains.

Super Series

The dimensions of Super Series Chain are identical to those of ASME/ANSI standard roller chain. Super Series Chain has a wider waist link plate than our standard chain and special manufacturing techniques are used to produce the pitch holes. After heat treatment, the holes are then ball drifted for greater fatigue strength. The pins are thru hardened for greater shock resistance. Because of this, Super Series Chain has a Maximum Allowable Load 25-30% higher than our standard RS roller chain.

Super-H Series

Super-H Series Chain has the same wide waist as Super Series. The link plate thickness is identical to those of the ASME/ANSI Heavy Series roller chains. The same special manufacturing techniques used in Super Series Chain are used to produce the pitch holes. The pins are thru hardened. Because of this, Super-H Series Chain has an even higher Maximum Allowable Load than the Super Series.

Ultra Super Series

U.S. Tsubaki Ultra Super Series has a greater ultimate tensile strength and allowable load than any other roller chain we manufacture. With the Ultra Super Series, a chain up to two sizes smaller than standard can be selected.