



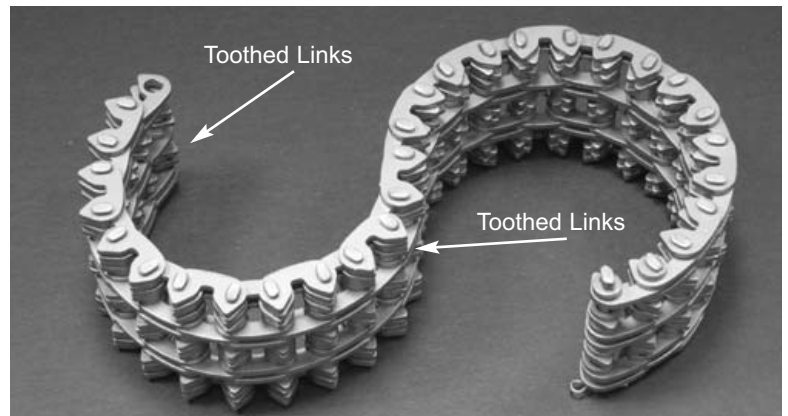
Silent Chain Identification Guide

This guide is designed to help silent chain users and resellers to identify a sample piece of Ramsey silent chain and to determine all of the details necessary to re-order the product. If you have a Ramsey chain that is not described here, or a chain from another manufacturer, it is best to consult Ramsey before ordering. Also, if you have a chain part number, or a previous sales order number, this information is usually all that is required when re-ordering.

1) *What is the chain type?*

By chain type we are referring to the product line, which could be: RPV, RP, SC, Duplex, Conveyor, or a competitors product. While many chains closely resemble one another, certain chain features can be used to distinguish them.

Duplex chains can be easily identified by the presence of toothed links on both sides of the chain. If your chain does not appear to be Duplex, then go to the next page.



SC Duplex Chain

If your chain is Duplex the shape of the links identifies which type: RP Duplex, SC Duplex, or Ramflex.



SC Duplex

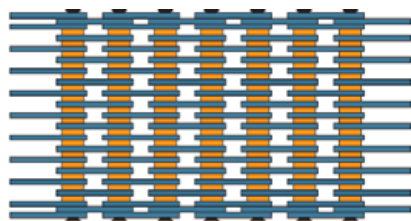


RP Duplex



Ramflex

Conveying chains can be identified by the presence of bushings or spacers between rows of chain links or by a single oval shaped pin in the chain joint. Not all conveying chains have these components but nearly all silent chains with these components are conveyor chains. If your chain does not have spacers or a single oval pin, check to see if the links match one of the links shown below:



Link-Spacer Construction



Single Oval Pin

Link shape can be used to identify the type of conveyor chain.



Single Pin
Conveyor



Two pin
Conveyor



Extended Pitch



Lo Profile

PT chains

If a silent chain is neither a conveyor or Duplex chain, then it is for PT, or power transmission. PT chain type can be determined by the shape of the driving links.



RPV-Type 139



RPV-Type 115



RP



SC

2) What is the guide type?

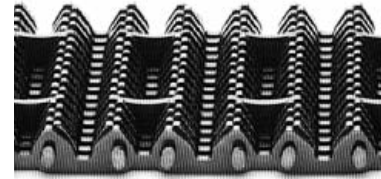
A silent chain will have one of the following guide types based on the location of guide links:



Side Guide



Center Guide

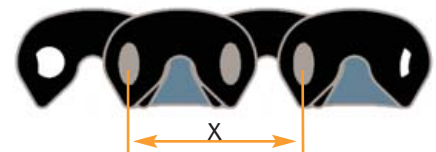


2-Center Guide

Note: Duplex chains do not contain guide links

3) What is the pitch?

Chain pitch is easily estimated by measuring the distance between the centers of three consecutive pin heads and dividing by 2. Pitch is typically expressed in inches.

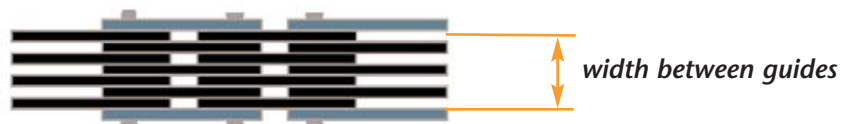


$$\text{Estimated Pitch} = \frac{X}{2}$$

4) What is the width over the pin heads?

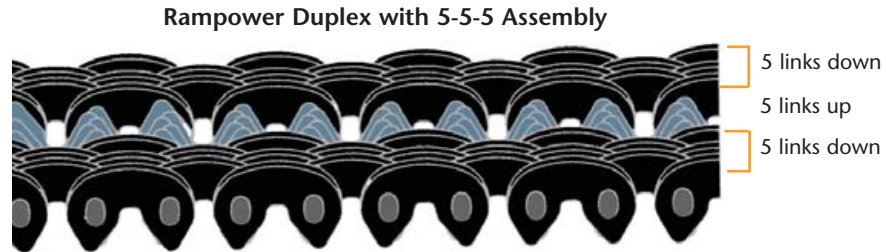


5) If the guide type is "side guide", what is the width between the guides?

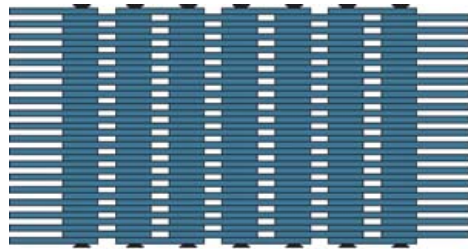


6) If the chain type is SC Duplex or RP Duplex, what is the assembly?

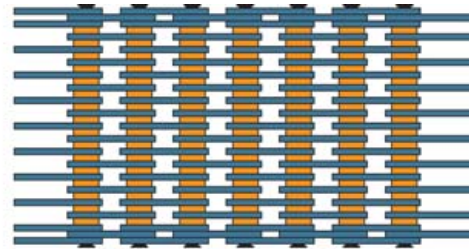
Assembly is identified by counting the number of adjacent, similarly arranged links across the width of the chain.



7) If the chain is conveyor, is it all link construction or link-spacer construction?



All Link Construction



Link-Spacer Construction