

General Information

Chain Construction

Riveted Chain



Riveted chains possess pins which are dual staked on both sides of the chain.

Cottered Chain



Cottered chains possess pins which are dual staked on one side of the chain. On the other, the chains have cottered pins assembled through drilled holes. Cottered chains are slightly easier to assemble and disassemble in the field and are more common on larger pitch chains. Cottered chains are available from stock beginning with 3/4” pitch (#60) chain.

Roller Chain Parts

Multiple Strand Chain



Multiple strand chains are available when space is limited on roller chain drives. These chains allow the horsepower capacity to be increased, without increasing the diameter of the sprockets. Middle link plates are slip fit as standard however, press fit center plates are available for severe applications.



Connecting Link



Offset Link



Two Pitch Offset Link



Roller Link



Pin Link

General Information

Ordering Cut-To-Length Roller Chains

Cut-To-Length roller chains may be ordered in a variety of configurations with an odd or even number of pitches. When ordering it is important to specify both the length in pitches and the configuration including whether a strand contains connecting links, offset links etc. Conversion tables which convert pitches to feet can be found on pages 140-149.

The following are the most common configurations for roller chains:

Even Number of Pitches



8 Pitches Connecting link at one end



16 Pitches Endless (no connecting link)

Odd Number of Pitches



7 Pitches one connecting link and one offset link



7 Pitches roller link at each end



7 Pitches one connecting link at each end

The correct way to order the examples above is as follows:

Even Number of Pitches

For the first chain shown above:

“8 pitches including a connecting link”

For the endless chain:

“16 pitches endless”

The correct way to order the examples above is as follows:

Odd Number of Pitches

For the first chain shown above:

“7 pitches including a connecting link and offset link”

For the 2nd chain shown above:

“7 pitches with a roller link each end”

For the 3rd chain shown above:

“7 pitches with a connecting link each end”