

Precision Power Transmission Roller Chains

Precision Power Transmission Roller Chains are manufactured in many different types. Examples of the many types include single strand and multiple strand in standard and heavy series. Most roller chains have rollers that engage with the teeth of the sprocket(s). Normally, Roller Chain is used in continuous lengths with connecting links to provide an even number of pitches. If an odd number of pitches is required, offset links are used along with a connecting link to provide an odd number of pitches. Roller chains consist of alternating pin links and roller links. Roller Chain components include pin link plates, roller link plates, pins, bushings, and rollers (with exception of rollerless chains). Common Precision Power Transmission Roller Chains include the following described chains:

- 25 (0.250" Pitch Dimension)
- 35 (0.375" Pitch Dimension)
- 40 (0.500" Pitch Dimension)
- 41 (0.500" Pitch Dimension)
- 50 (0.625" Pitch Dimension)
- 60 (0.750" Pitch Dimension)
- 80 (1.00" Pitch Dimension)
- 100 (1.250" Pitch Dimension)
- 120 (1.500" Pitch Dimension)
- 140 (1.750" Pitch Dimension)
- 160 (2.000" Pitch Dimension)
- 180 (2.250" Pitch Dimension)
- 200 (2.500" Pitch Dimension)
- 240 (3.000" Pitch Dimension)

August 29, 2016 For USE in the CEMA Chain Committee ONLY.