

1.1 British Standard (BS) Precision Roller Chain

British Standard roller chains are made in accordance with the ISO 606 B, BS 228, and DIN 8187 European standards. These chains resemble standard ANSI roller chains, however they are dimensionally different and in general require British Standard sprockets.

AMC British Standard roller chains are produced with solid bushings and rollers and incorporate many of the design advantages associated with our ANSI series roller chains.

Applications

- AMC Precision Roller Chains are suitable for both the Original Equipment and replacement markets. Used in many domestic, industrial and agricultural machines — for example in the packaging, food and beverage, textiles, wire and tube drawing, wood board processing, bakery, crushers, conveyors and printing presses.
- AMC Stainless Steel Precision Roller Chain comply with standards ISO 606. The chain comprises high-quality austenitic and martensitic stainless steel materials, state of the art processing technology and high-efficiency process equipment. Our stainless steel precision roller chains have the characteristics of corrosion resistance, extreme high and low temperature resistance, and cleanliness. These chains are widely used in corrosive and/or extreme (high and low) temperature environments and applications such as Industrial ovens, medical equipment, food and beverage, fertiliser machines, marine, and in the chemical industry.

Properties

- Available in Simplex, Duplex and Triplex designs
- Packed in boxes of 5 metres and small sizes in rolls of 50 metres
- Boxed chain includes connector links
- Connector link, Crank links (single and double) available separately
- Supplied pre-lubricated
- Stainless Steel options on Simplex and Duplex designs

Material

- Plate: 40Mn (AISI 1046)/40Cr (AISI 5140)
- Bush and Roller: 10
- Pin: 30CrMnTi/40Cr
- Con Pin: 20CrMnMo/40Cr
- Stainless Steel: 304

Standards

- BS 228
- ISO R606
- DIN 8187

