

900 CLASS PINTLE CHAIN



Moline 900 Class Pintle Chain, sometimes referred to as "sugar mill" or "intermediate carrier chain" is used extensively in sugar mills. Multiple strands of 900 Pintle Chain, available with one or two holes per link, can be fitted with overlapping beaded carrier slats to form a continuous apron conveyor for intermediate carrier service.

The pin holes at the closed end of the 900 Class link are provided with smooth bushings which are press-fitted into the links and keyed into place. The bushings are renewable and can be driven out and replaced when they become worn.

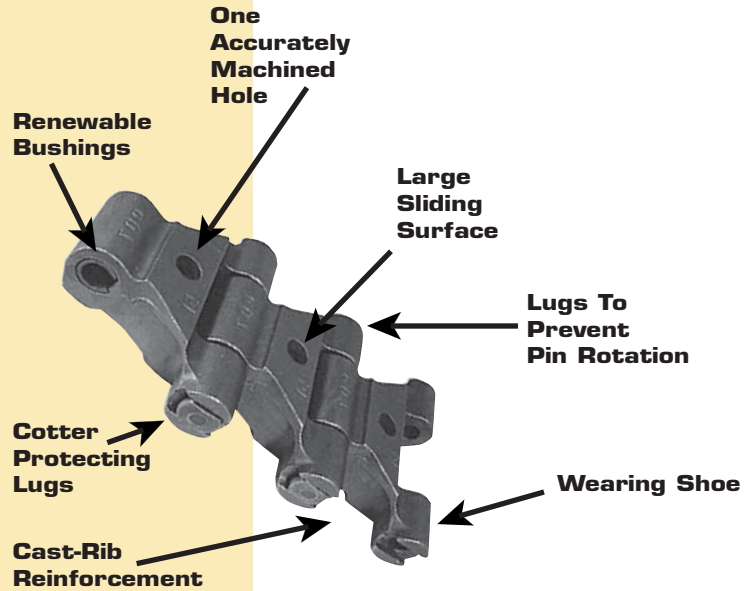
900 Class Pintle Chain is designed with dual barrels, one on each side of the open end of the links, to accommodate double sprockets. The purpose of this driving method is to eliminate the possibility of material build-up in the sprocket contact area, which often causes the chain to jump the sprocket. Heavy ribs rigidly reinforce these driving barrels.

Moline Promal links, with tensile strength of 32,500 pounds, are available with large sliding surfaces to reduce chain wear and prolong chain life. Broad wearing surfaces and heavy cross sections team up to provide a substantial link which is made according to manufacturer's standards and can perfectly replace links made by other manufacturers.

Brutaloy sprockets for Moline 900 Class Pintle Chain are readily available in 3.170 inches. 900 Class Pintle Chain should only be allowed to travel in one direction; links should always run in the direction of their closed narrow end.

Available in cotted construction only, 900 Class Chain is assembled with T-headed pins which are locked into place by two lugs cast on the ends of the driving barrels to prevent pin rotation. Pin rotation during operation would result in wear on the inside of the bushing. Both the head of the pin and the cotted end of the pin are protected by cast lugs on the barrel end of the links.

Moline 900 Class Pintle Chain is furnished with carbon steel heat treated pins and carbon steel case hardened bushings as standard. However, stainless steel pins and bushings can be provided when specified.



900 CLASS PINTLE CHAIN MATERIALS

MOLINE CHAIN NO.	LINKS	PINS	BUSHINGS
907	Moline Promal	Carbon Steel, Heat Treated Stainless Steel	Carbon Steel, Case Hardened Stainless Steel

Allied-Locke Industries Inc.

... reach for the star of quality

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ORDERING AND APPLICATION DATA

MOLINE CHAIN AND ATTACHMENT NO.	DIMENSIONS IN DECIMAL INCHES					
	PITCH IN INCHES	LINKS PER 10 FEET	WEIGHT PER FOOT LBS.	AVERAGE ULTIMATE STRENGTH — LBS.	RECOMMENDED MAXIMUM WORKING LOAD — LBS.	CHAIN AND ATTACHMENT CONSTRUCTION
				Moline Promal	Moline Promal	
3.170" PITCH CHAIN						
907-E51*	3.170	38	12.2	32,500	5,000	Cotted Only