

# SS CLASS BUSHED STEEL CHAIN



## SS CLASS BUSHED STEEL CHAIN MATERIALS

MOLINE CHAIN NO.	PINS	BUSHINGS	SIDEBARS
SS 102B	Alloy Steel, Case Hardened	Carbon Steel, Case Hardened	Carbon Steel, Heat Treated
SS 110	Alloy Steel, Case Hardened	Carbon Steel, Case Hardened	Carbon Steel, Heat Treated
SS 111	Alloy Steel, Case Hardened	Carbon Steel, Case Hardened	Carbon Steel, Heat Treated
SS 131	Alloy Steel, Case Hardened	Carbon Steel, Case Hardened	Carbon Steel, Heat Treated
SS 150+	Alloy Steel, Case Hardened	Carbon Steel, Case Hardened	Carbon Steel, Heat Treated
SS 188	Alloy Steel, Case Hardened	Carbon Steel, Case Hardened	Carbon Steel, Heat Treated
SS 856	Alloy Steel, Induction Hardened	Alloy Steel, Case Hardened	Carbon Steel, Heat Treated
SS 857	Alloy Steel, Induction Hardened	Alloy Steel, Case Hardened	Carbon Steel, Heat Treated
SS 859	Alloy Steel, Induction Hardened	Alloy Steel, Case Hardened	Carbon Steel, Heat Treated
SS 864	Alloy Steel, Induction Hardened	Alloy Steel, Case Hardened	Carbon Steel, Heat Treated

### Allied-Locke Industries Inc.

. . . chain - sprockets - buckets

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## SS CLASS BUSHED STEEL CHAIN

Moline SS Bushed Steel Chain is ideal for operating under extremely gritty or abrasive conditions and for elevators where centers are widely spaced. This chain is often referred to as "Steel Bushed" or "Rollerless."

The parts are machined and heat treated with the goal of maximum strength and wear per pitch. Accurately manufactured sidebars assure tight pins and bushings and close pitch control. Sidebars are produced to accommodate the ends of the pins and bushings\* which lock into position in the sidebars and will not rotate during chain operation.

The materials used are carefully selected. For example, the pins are alloy steel that contain nickel, chrome, and molybdenum which improves the chain life through its greater fatigue resistance, improved abrasive resistance, and increased tensile strength at both high and low temperatures. All of these factors result in a premium product for conveyor and elevator service for gritty, abrasive, and dusty fine particle materials such as ashes, crushed coal, soda ash, cement, crushed stone, and gravel.

These chains are available in pitch sizes: 2.609 to 6.050 inches; Average Ultimate Strengths from 25,000 to 200,000 pounds; Recommended Working Loads from 2,750 to 21,800 pounds.

Assorted attachments are offered.

SS Chain is offered in riveted and cottered construction except Nos. SS 856, SS 857 and SS 859, which are furnished in cottered construction only. All of the cottered construction chain uses T-head cotters. Cottered construction will be furnished unless Riveted is requested.

Moline SS Bushed Steel Chain is made in accordance with manufacturer's standards and may be interchanged with standard bushed steel chain of other manufacturers.

Sprockets are available in Brutaloy, cast steel, and flame cut when required.

**\*NOTE:** Bushing with milled ends used on SS188. Balance of SS Class Bushed Steel Chain manufactured with round bushing press fitted into side bars.