

Mill Duty Elevator Chain

For maximum duty elevators, this series of elevator chain has a proven through performance in a great many applications world wide.

Fatigue Life

All chains components are designed to provide maximum fatigue life. Sidebars are hardened and tempered for maximum strength without sacrificing necessary toughness. The "full round" design of pins and bushes is an innovation in eliminating stress risers in sidebar pitch holes to maximise fatigue life. The sidebar hole size and finish are closely controlled to assure optimum press fits and fatigue life.

Wear Resistance

Pins and bushes are made from alloy steels for maximum wear life and toughness. Pins are through hardened and thereafter surface induction hardened to provide maximum wear resistance. Pins and bushes are centreless ground to optimise wear life and ensure optimum fits between mating faces.

Asphalt Drag Chains

Features and benefits:

- All chains meet or exceed specifications
- All chains are guaranteed to convey maximum tonnage

These chains are typically encountered on high capacity American production plants.

Steel Bush Elevator Chain

This series is probably the most commonly used hot elevator chain including that well known Quarry chain 6102BM (SS102B) - a proven performer on all grades of material.

Maxi-Series Chains

These chains designed and developed by JOHN KING have earned a high reputation within the Quarry Industry for reliability and extended service life.

- Offset sidebar offers maximum advantage in elevator maintenance.
- Armour case hardened pin and bush from high alloy steel ensure maximum wear performance with high material core strength.
- Maximum versatility with any variety of attachments notably: K, G, F

Steel Roller Conveyor Chains

The illustration details a chain with flanged guide rollers, typical of a chain plate feeder application. Chains of this construction are also commonly used on Asphalt Handling.

- The chains can be subject to high degrees of shock loading - maximum toughness is essential.
- The carrier roller offers reduced friction and smoother operation.

Heavy Series Drive Chains

For high torque drive applications KING Engineering drive chains offer the solution.

KING offer unrivalled experience in manufacture of Drive chains for construction equipment-propels, cradle and wrap around drum drives.

Satisfaction in performance is guaranteed.

CHAIN No.	PITCH (ins)	AVERAGE ULTIMATE STRENGTH (lbs)
JK 2609	2.609	26,000
JK 3011	3.067	110,000
JK 3075	3.075	75,000
JK 3500	3.500	140,000
JK 4063	4.063	140,000

EQUIVALENT AP13P

EQUIVALENT AP14P

CHAIN No.	PITCH (ins)	AVERAGE ULTIMATE STRENGTH (lbs)
JK 4073	4.073	170,000
JK 4500	4.500	220,000
JK 5031	5.000	280,000
JK 1605	5.000	350,000
JK 6042	6.000	420,000

NOTE: Popular Crane and Drum drive chained detail represent a small part of the programme. Many obsolete and special offset and straight side bar chains can be manufactured.

Paver Chains

Paver chains are available to replace the majority of chains used on original equipment including Steel Bush series, Cast and Steel combination, Roller conveyor and welded steel chain.

In addition complete assemblies with scraper bars can also be supplied.

Sprockets & Traction Wheels

As the leading manufacturer of Sprockets and Traction wheels, solid, split and/or segmental wheels are offered for all conveying and drive applications. Sprockets are manufactured from high carbon steel with flame hardened tooth forms or rims.

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Construction Industry Chains



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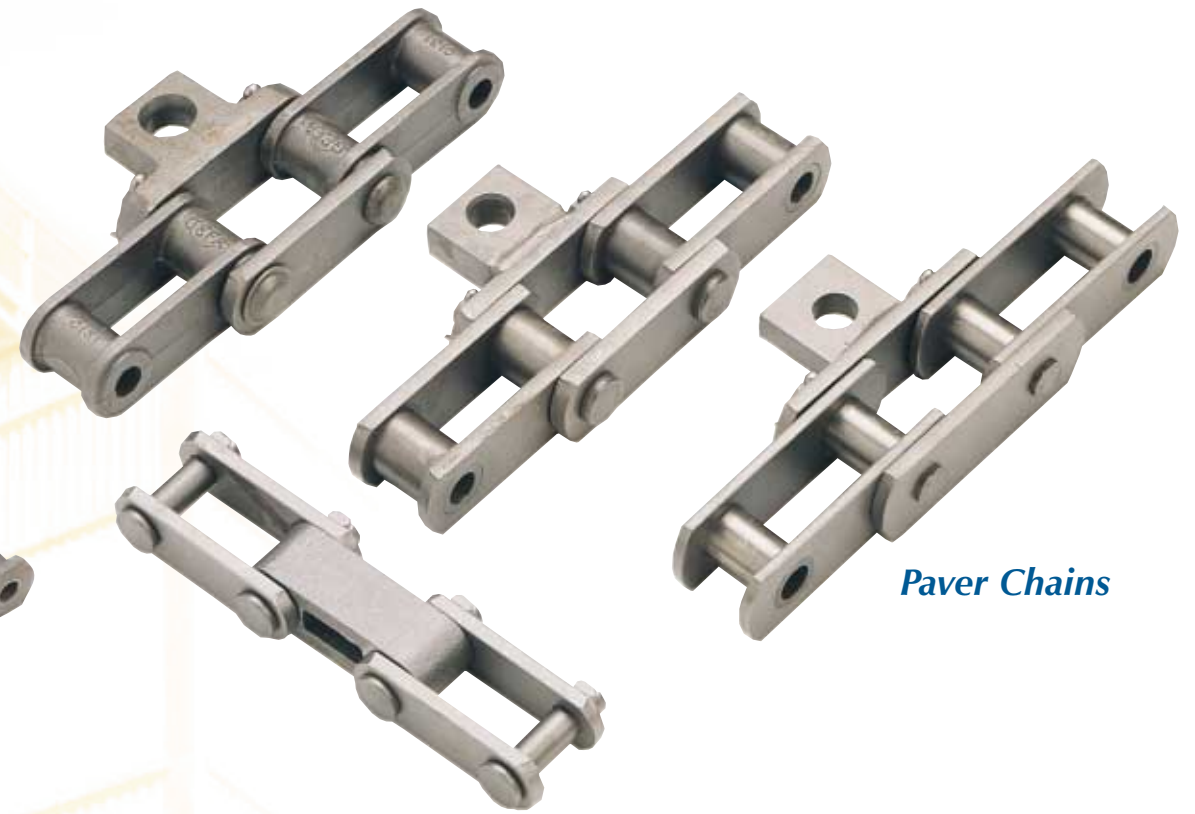




Drag Slat



Offset Sidebar & Heavy Drive Chains



Paver Chains

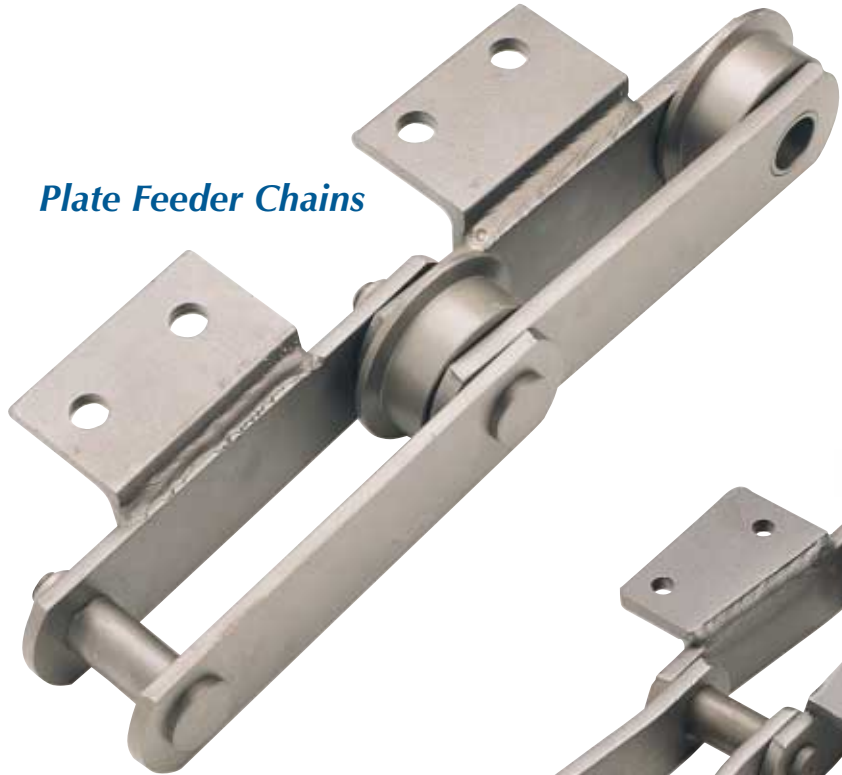
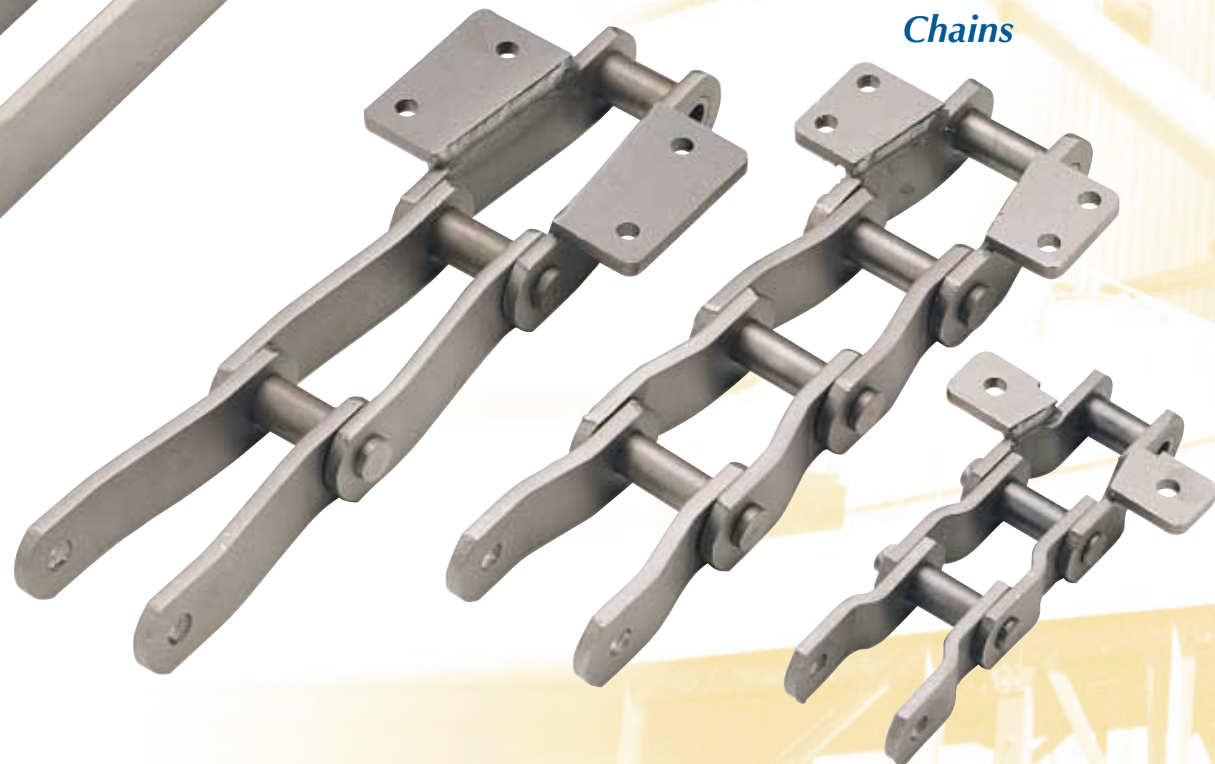
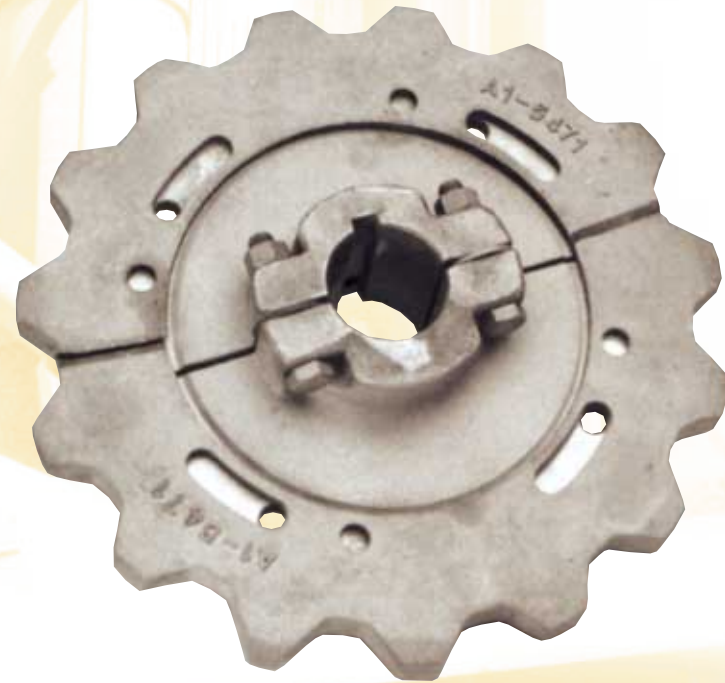


Plate Feeder Chains

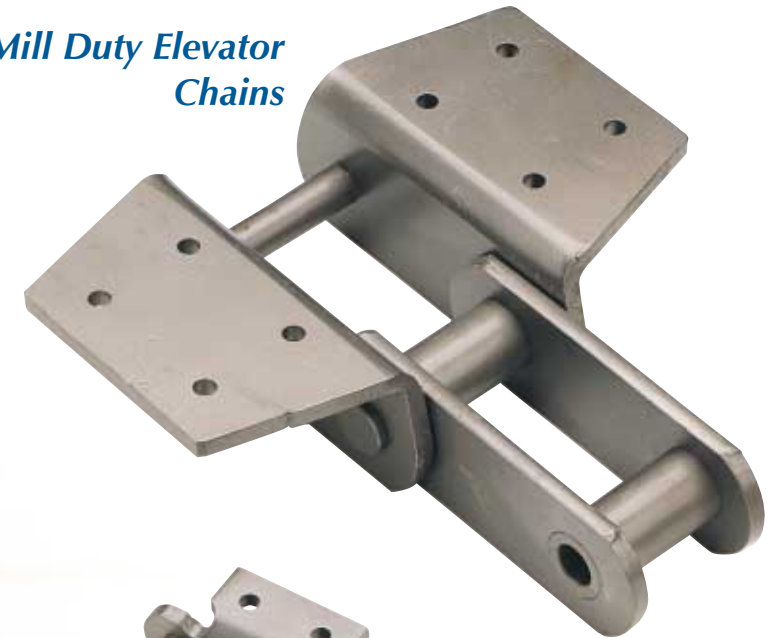
Maxi Series Hot Elevator Chains



Sprockets



Mill Duty Elevator Chains



Steel Bushed Elevator Chains

