



FB WELDED CHAINS WITH STAINLESS STEEL PINS AND BUSHES



PREMIUM QUALITY
CONVEYOR CHAINS
SINCE 1945

Side plates made from standard material last in most cases as long as stainless steel pins and bushes.

In corrosive conditions it may be reasonable or even necessary to choose stainless steel pins and bushes which are the most critical components of the chain. When using FB Stainless Steel Chain the lifetime of the chain can be extended dramatically. In the most corrosive environments we recommend full stainless design.

FEATURES

welded chain structure

- up to 50% higher breaking load compared to a riveted one

FB1000 side plate material

- superior wear resistance
- excellent weldability
- upgraded features by heat treatment

hardened stainless steel pins and bushes

- excellent corrosion resistance
 - high load capacity
 - upgraded wear resistance
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BENEFITS

- significantly improved strength

- higher load capacity with less weight

- longer lifetime

- lower total cost

- easy and reliable attachment installation

- flexible and application specific design
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TECHNICAL DATA

Components	Material	Heat treatment	Hardness
Side plate			
std	FB1000		200 - 250 HB
option	FB1000	QT	320-350 ± 20 HB
Pin			
std	AISI 420	QT+IH	50 ± 2 HRC
Bush			
std	AISI 420	QT+IH	50 ± 2 HRC
option	CK15	CH	60 ± 2 HRC
Rollers			
std	CK15	CH	58 ± 2 HRC
option	AISI 420	QT+IH	45 ± 5 HRC

INDUSTRIES

- recycling
- energy
- wood

TYPICAL APPLICATIONS

- waste handling
- bark conveyor
- biofuel conveyors



FB Ketjutekniikka



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We have spent many years working with Scandinavia's leading steel producers refining the specialized steels for our conveyor chains.

Our conveyor chains are manufactured using automatic assembly and robotic welders.

We make the future of conveyor chains.

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