

Slat Top Steel Chain Series Product Overview



High performance chains for demanding applications

Industries Served

- Automotive
- Glass Handling - Breweries/Wineries
- Glass Container Manufacturers
- Food Packaging - Jars for jams, sauces, baby food, etc

Features & Benefits

- Two product offerings including classic and plus
- Strong chains suitable for high-speed applications
- Broad portfolio range including straight-running, side-flexing, with or without tabs, rubber top, and magnet chains
- Common for glass bottle applications, as broken glass will not affect the function of the chain
- Ability to ship quickly with uncompromised standards of quality

Material Properties Guide

AISI/DIN	Steel Type	Magnetic	Composition	Recommended Temperature Range	FDA/1935	Recommended Usage
SS304/1.4301 (Classic Range)	Austenitic Stainless Steel	Non- Magnetic*	Non-magnetic steel alloy where the main adds are 18% Chrome and 8% Nickel	(-94°F to 806°F)	Yes	High corrosion resistance is required, such as chemical production.
SS430/1.4016 (Classic Range)	Ferritic Stainless Steel	Magnetic	Magnetic steel alloy where the main addition is 17.5% Chrome	(-94°F to 806°F)	No	Breweries, wineries, or glass handling where the demand for corrosion resistance is not the main issue.
S1045/1.0503 (Classic Range)	Special Hardened Steel (Carbon Steel)	Magnetic	Special hardened steel with 0.45% Carbon	(-94°F to 806°F)	No	Automotive industry - handling of heavy loads.
SS420/1.4021 (Plus Range)	Martensitic Stainless Steel	Magnetic	Work hardened chrome-nickel martensitic stainless steel	(-94°F to 806°F)	Yes	Harsh or corrosive environments such as food processing, chemical industries, or outdoor applications. Resistance to bacterial growth makes it ideal for pharmaceutical or food processing.

*Remanent magnetism may occur in the chains



Classic Range

Straight Running Chains

Pitch 38.1mm (1.50 in)




810
Hinge: Single
Material: S1045
Strength: 11500 N (2585 lbf)

Pitch: 38.1mm (1.50 in)





812
Hinge: Single
Material: SS430
Strength: 5400 N (1214 lbf)
*Available with rubber top

Pitch: 38.1mm (1.50 in)





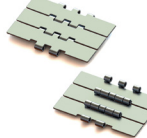
815
Hinge: Single
Material: SS304
Strength: 5500 N (1236 lbf)
*Available with rubber top

Pitch 38.1mm (1.50 in)




800
Hinge: Double
Material: S1045
Strength: 28000 N (6295 lbf)
*S1045 Pins

Pitch: 38.1mm (1.50 in)




802
Hinge: Double
Material: SS430
Strength: 10300 N (2315 lbf)



Pitch: 38.1mm (1.50 in)






805
Hinge: Double
Material: SS304
Strength: 9600 N (2158 lbf)
*Available with rubber top


*All chains are made with AISI 431 pins unless noted otherwise. Special hardened pins (HP) for additional wear resistance and higher corrosion strength are made to order.

Icon Reference Guide

 Straight Running One Direction
 Straight Running One Direction

 Side Flexing One Direction
 Side Flexing One Direction

 Side Flexing Both Directions
 Straight Running Both Directions

 = Supplied locally in the US

Classic Range

Side Flexing Chains

Pitch: 38.1mm (1.50 in)



881 Tab
Hinge: Single
Material: S1045
Strength: 12000 N (2698 lbf)
*Pin material S1045

Pitch: 38.1mm (1.50 in)



881 Tab V2
Hinge: Single
Material: SS430
Strength: 5400 N (1214 lbf)
*Available with rubber top

Pitch: 38.11mm (1.50 in)



881 Tab V3
Hinge: Single
Material: SS304
Strength: 5500 N (1236 lbf)

Pitch: 38.1mm (1.50 in)



881 Bevel
Hinge: Single
Material: S1045
Strength: 12000 N (2698 lbf)
*Pin material S1045

Pitch: 38.1mm (1.50 in)



881 Bevel V2
Hinge: Single
Material: SS430
Strength: 5400 N (1214 lbf)
*Available with rubber top

Pitch: 38.11mm (1.50 in)



881 Bevel V3
Hinge: Single
Material: SS304
Strength: 5500 N (1236 lbf)

Download our datasheets with full technical details at www.ammeraalbeltech.com

PLUS+ Range

Benefits

- Harder stainless steel
- New surface finish
- Lower surface roughness
- Lower sliding resistance
- For high speed production lines
- More stable container handling

Straight Running Chains

Pitch: 25.4mm (1.00 in)



512 Plus+
Hinge: Single
Material: SS420
Strength: 4500 N (1011 lbf)

Pitch: 38.1mm (1.50 in)



815 Plus+
Hinge: Single
Material: SS420
Strength: 6000 N (1349 lbf)
*Available in narrow (1.25 and 1.75in.)
Strength: 2500 N (562 lbf)

Pitch: 38.1mm (1.50 in)



805 Plus+
Hinge: Double
Material: SS420
Strength: 15000 N (3372 lbf)
*Available with rubber top

Pitch: 38.1mm (1.50 in)



815 Plus+ Optical
Hinge: Single
Material: SS420
Strength: 5500 N (1236 lbf)

Side Flexing

Pitch: 38.1mm (1.50 in)



8811 Plus+ Tab
Hinge: Single
Material: S42035
Strength: 6000 N (1349 lbf)
*Magnetic option available

Pitch: 38.1mm (1.50 in)



8811 Plus+ Magnetic
Hinge: Single
Material: S42035
Strength: 6000 N (1349 lbf)



Contact your local supplier

The local partner of choice
for sustainable conveyor belting solutions
around the globe.

Synthetic

Ammeraal Beltech USA
7501 N. St Louis Ave
Skokie, IL 60076
United States of America

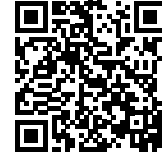
T +1 800 533 3765

www.ammeraalbeltech.com/en-US/

Modular and Chain

Ammeraal Beltech Modular USA
500 Brentwood Drive
Reading, PA 19611
United States of America

T +1 800 937 2864



Scan the QR code
and contact your local
supplier!

