

Stenter Chain and PEEK Parts Data Sheet

Complete chains and every part inside them, for Monforts, Bruckner, Artos and LK stenters and Ferraro and Lafer compact machines

Manufacturer	Shaoxing Yehang Import & Export Co., Ltd
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Parts in this data sheet	25
Standard Delivery	Within 7 days
Origin	Zhejiang, China

Every dimension, material and delivery figure in this document describes a part we manufacture. Where a dimension is not printed it is because that part is matched against a customer sample rather than made to a published size.

What a Stenter Chain Is Made Of

Component	Function
Connectors and U-shaped connectors	Join the link plates into a continuous chain
Pins	Carry the load between links
PEEK bush	Wear-resistant lining between pin and chain, replaces the copper mesh lining
PEEK dust cover	Keeps fibre lint and finishing chemistry out of the bush
Screws	Secure the assembly
Wear sleeves	Sacrificial surfaces at the wear points
Slider (copper or PEEK)	Runs against the guide rail and carries chain drag

Maintenance Schedule

Task	Interval
Clean the guide and the chain	At least once a year
Add high-temperature grease (DuPont, Miller or Kluber grade)	At every service
Measure chain pitch over ten links against a new section	At every service
Inspect the carbon graphite guide strip	At every service
Replace chain on both rails together	When pitch has stretched past the take-up range

Why PEEK Is Used

Property	PEEK
High temperature resistance	Yes
Wear resistance	Yes
Self-lubrication	Yes, no molybdenum disulfide required
Low noise	Yes
Corrosion resistance	Yes
High strength	Yes
Standard sizes (nuts, sliders, buffer blocks)	44 x 7, 44 x 6, 45 x 6, 45 x 6.35
Reference weight	0.238 kg

Part Detail



E+L KF 2020 Pneumatic Web Guider and Selvage Holder

The Erhardt+Leimer KF 2020 is a pneumatic web guider and selvage holder fitted at the entry of a stenter, ahead of the pinning or clipping point. It holds the fabric edge in position so the selvage arrives at the pins straight rather than wandering across the rail. We supply it as a complete device alongside the wear parts that keep it working.

Key benefits: Holds the selvage square to the rail before the fabric reaches the pins; Pneumatic operation, so the holding force adjusts with the air supply rather than by mechanical setting; Fits at the stenter entry section on most pin and clip machines

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	silver
Weight	0.6kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



E+L ELSPREADER LPA 03 Pneumatic Selvage Uncurler

The ELSPREADER LPA 03 is a pneumatic selvage spreading device from Erhardt+Leimer of Germany, a maker of web guiding and textile processing control systems. It flattens, uncurls and smooths curled, folded or frayed selvages immediately before pinning on stenter frames, sanforizing lines and finishing ranges. Because it is air powered, the edge opening is gentle, which is what elastic knits, jers...

Key benefits: Opens a curled or folded selvage just before the pinning point; Air powered, so the spreading action stays gentle on delicate fabric; Suits elastic knits, jersey, spandex blends and lightweight wovens that curl badly

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	silver
Weight	0.6kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Chain for Ferraro Compact Machines

Chain for Ferraro compact machines from Italy. Compact finishing machines shrink and relax knitted fabric rather than heat setting it under width tension, so the chain sees a different duty from a stenter rail, but the same wear applies. Metal construction, black finish, 0.65 kg reference weight, supplied with grease or without grease.

Key benefits: Made for the Ferraro compact machine chain pitch, not adapted from a stenter chain; Metal construction with high quality bearings; Supplied with grease or without grease

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Chain for Lafer Compact Machines

Chain for Lafer compact machines from Italy. Lafer compacting lines relax knitted fabric back to its natural dimensions, and the chain runs under a different tension profile from a stenter rail. Metal construction, black finish, 0.65 kg reference weight, with grease or without grease.

Key benefits: Made to the Lafer compact machine chain pitch; Metal construction with high quality bearings; With grease or without grease to suit the machine

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



LK Pin Plate Holder for Stenter Chains

Pin plate holder for LK stenters. The holder is the link between the chain and the pin plate, so it carries the whole fabric tension load and has to keep the plate square to the rail. Silver finish metal, 0.6 kg reference weight, built for machines with the oil-free guide.

Key benefits: Keeps the pin plate square to the rail so pin grip stays even; Metal construction sized for the LK chain mounting; Replaces holders worn or cracked at the chain mounting

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	silver
Weight	0.6kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Bruckner Stenter Chain Type 4 With Pin Plate Mounting

Bruckner stenter chain in our fourth pattern, shown with the pin plate mounting. This is the chain section that carries the pin plates along the rail, so the link plates, pins and rollers all take fabric tension and chamber heat at the same time. Black finish, metal construction, 0.65 kg reference weight.

Key benefits: Carries the pin plate mounting so plate and chain are matched from one source; Built for the heat and tension of a Bruckner rail, not a general conveyor chain; Supplied by the metre or by the full rail length

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Bruckner Stenter Chain Type 3

Bruckner stenter chain in our third pattern, for machines with the oil-free guide. Black finish, metal construction, 0.65 kg reference weight. Bruckner rails differ across machine generations, so we hold four patterns and match against a sample link before production.

Key benefits: Third Bruckner chain pattern held alongside the other three; Built for the oil-free guide with high quality bearings; Available with grease or without grease

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Bruckner Stenter Chain Type 2

Bruckner stenter chain in our second pattern, for machines with the oil-free guide. Black finish, metal construction, 0.65 kg reference weight, available with grease or without grease. This is one of four Bruckner patterns we hold, and the right one is identified by pitch rather than by machine model.

Key benefits: Second Bruckner chain pattern, held as a standard line; Metal construction built for chamber heat and fabric tension; Supplied with grease or without grease to suit your guide

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Bruckner Stenter Chain Type 1

The first Bruckner chain pattern in our range, for machines with the oil-free guide. Metal construction with a black finish, 0.65 kg reference weight, available with grease or without grease. Bruckner is one of the two German brands we carry deepest, and this is the pattern most mills confirm first when they send us a sample link.

Key benefits: The most commonly matched of our four Bruckner chain patterns; Built for the oil-free guide with high quality bearings; With grease or without grease to suit your rail

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



PEEK Bush for Artos Stenter Chain

A PEEK bushing is a bearing made from polyether ether ketone, a high-performance plastic chosen for its strength, chemical resistance and ability to work at high temperature. In an Artos stenter chain the bush sits between the pin and the link, and fitting PEEK improves the service life of the whole chain. Just as important, the bush can be changed easily, so the chain body does not have to be scr...

Key benefits: Improves the service life of the chain by protecting the pin; Changed easily, so the chain body lasts through several bush sets; Holds up to chamber temperature and finishing chemistry

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Artos Stenter Chain With Copper Slider

Chain for Artos stenters with the oil-free guide, built with a copper slider. The copper slider is the traditional wear surface against the rail and takes high load well. The assembly is made up of connectors, U-shaped connectors, pins, PEEK bush, PEEK dust cover, screws and wear sleeves, and all of those small parts are available separately.

Key benefits: Copper slider takes high load against the guide rail; Built for the Artos oil-free guide with high quality bearings; PEEK bush and dust cover inside the assembly protect the pin

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Artos Stenter Chain Copper Slider Second Pattern

The second Artos copper-slider chain pattern in our range. Same oil-free guide construction and the same connectors, U-shaped connectors, pins, PEEK bush, PEEK dust cover, screws and wear sleeves assembly, a different pitch and mounting. Artos rails changed over the machine's production life, so match the chain against a sample link rather than the machine name.

Key benefits: Covers Artos rails the first copper-slider pattern does not fit; Copper slider against the guide, PEEK bush on the pin; High quality bearings for long service life

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Artos Stenter Chain With PEEK Slider

Chain for Artos stenters with the oil-free guide, built with a PEEK slider instead of copper. PEEK runs lighter against the rail and does not need the same grease film, which suits lighter goods at higher line speeds. Assembly of connectors, U-shaped connectors, pins, PEEK bush, PEEK dust cover, screws and wear sleeves.

Key benefits: PEEK slider runs lighter against the guide than copper; Less drag on the rail at high line speed; PEEK bush and dust cover protect the pin from lint and chemistry

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



LK Stenter Chain Parts

Chain parts for LK stenters, supplied on their own rather than as a complete chain. When the link plates and pins on an LK rail are still sound, replacing the wear parts restores the chain for far less than a full rail. Metal steel construction, made in Zhejiang, and we customise to your requirement.

Key benefits: Restores a sound LK chain without buying a full rail; Metal steel parts made to the LK chain pitch; Several quality grades so you can match the part to the machine's remaining life

Application	LK stenter
Material	metal steel
Colour	silver
Brand	YH
Origin	Zhejiang, China



LK Stenter Chain

Chain for LK stenters, built in metal steel to the LK rail pitch. We hold several types and quality grades for LK machines and we also make chain to a customer's own requirement, because LK rails vary across machine generations and the safest match is against a sample link rather than a model number.

Key benefits: Several types and quality grades held for LK rails; Metal steel construction sized to the LK chain pitch; Made to your own specification when the standard types do not match

Application	LK stenter
Material	metal steel
Colour	silver
Brand	YH
Origin	Zhejiang, China



Monforts Stenter Chain Complete With Chain Parts

Complete chain for Monforts stenters with the oil-free guide. The assembly is made up of connectors, U-shaped connectors, pins, PEEK bush, PEEK dust cover, screws and wear sleeves, and we sell each of those small parts separately as well, so a mill can rebuild a section without buying a full rail. High quality bearings, built for the heat and fabric tension a Monforts rail runs under.

Key benefits: Complete assembly rather than a bare chain, so nothing is missing on installation day; Every small part in the assembly is also available on its own for section repairs; Built for the Monforts oil-free guide, with high quality bearings

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Monforts Stenter Chain With PEEK Bush and Dust Cover

Monforts chain built with a PEEK bush and a PEEK dust cover. The dust cover is what keeps fibre lint and finishing chemistry out of the bush, which is where most chains fail first. Assembly of connectors, U-shaped connectors, pins, PEEK bush, PEEK dust cover, screws and wear sleeves, for Monforts machines with the oil-free guide.

Key benefits: PEEK dust cover keeps lint and chemistry out of the bush, the usual failure point; PEEK bush runs against the pin without the seizing you get from a metal-on-metal bush; Bushes can be changed on their own, so the chain body lasts longer

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.65kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Monforts Stenter Chain Lightweight PEEK Build

The lightweight Monforts chain in our range, using PEEK bush and PEEK dust cover in place of heavier parts so the chain runs more smoothly along the track. Reference weight 0.63 kg. The assembly is the usual connectors, U-shaped connectors, pins, PEEK bush, PEEK dust cover, screws and wear sleeves, and every part in it is available on its own.

Key benefits: Lighter and stronger bush and dust cover so the chain runs more smoothly on the track; 0.63 kg reference weight, lighter than the standard build; Less drag on the guide means less rail wear over a production year

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	black
Weight	0.63kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



Monforts Stenter Chain Lightweight Standard Bush

Monforts chain built from lighter and stronger materials so it runs more smoothly along the track, with a standard bush rather than the PEEK version. Reference weight 0.6 kg, silver finish. Assembly of connectors, U-shaped connectors, pins, bush, screws and wear sleeves, with every part available on its own.

Key benefits: Lighter and stronger build so the chain moves more smoothly on the track; 0.6 kg reference weight, the lightest chain in our Monforts range; High quality bearings for long service life

Application	Monforts stenter (Oil-free guide)
Material	metal
Type	with grease and without grease
Colour	silver
Weight	0.6kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



PEEK Buffer Block for Monforts Stenters

PEEK buffer block for Monforts stenter machines. PEEK, polyether ether ketone, is a high-performance thermoplastic. It combines high temperature resistance, wear resistance, self-lubrication, low noise, corrosion resistance and high strength, which is why it has spread so widely through textile machinery. A buffer block absorbs the impact where the chain path changes, and PEEK's combination of hig...

Key benefits: High strength PEEK absorbs impact without cracking; Low noise compared with a metal buffer; Wear resistant and stable at stenter chamber temperature

Application	Monforts stenter
Material	peek
Type	44*7 / 44*6 / 45*6 / 45*6.35
Colour	black and yellow
Weight	0.238kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



PEEK Slider for Artos Stenter Chain

PEEK slider for Artos stenter chains. PEEK, polyether ether ketone, is a high-performance thermoplastic. It combines high temperature resistance, wear resistance, self-lubrication, low noise, corrosion resistance and high strength, which is why it has spread so widely through textile machinery. On a chain the slider is the part that runs against the guide rail, so it takes the drag of the whole ra...

Key benefits: Self-lubricating, so the slider runs against the rail without an oil film; Low noise compared with a metal slider; Wear resistant and stable at chamber temperature

Application	Monforts stenter
Material	peek
Type	44*7 / 44*6 / 45*6 / 45*6.35
Colour	black and yellow
Weight	0.238kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



PEEK Nut for IL SUNG Stenters

A PEEK nut is, strictly speaking, the adjustable nut on the stenter's lead rod, the part that lets the guide rail be widened. Because PEEK is self-lubricating it needs no molybdenum disulfide. It is not easy to break, it resists high temperature and corrosion, it wears slowly, and it lasts longer than the part it replaces. PEEK, polyether ether ketone, is a high-performance thermoplastic. It combi...

Key benefits: Made to the IL SUNG lead rod rather than adapted from a Monforts nut; Self-lubricating, so no molybdenum disulfide on the rod; High temperature, corrosion and wear resistant

Application	Monforts stenter
Material	peek
Type	44*7 / 44*6 / 45*6 / 45*6.35
Colour	black and yellow
Weight	0.238kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



PEEK Bush for Monforts Stenter Chain

A PEEK bush is the wear-resistant lining between the pin and the chain. It replaces the original copper mesh lining. PEEK, polyether ether ketone, is a high-performance thermoplastic. It combines high temperature resistance, wear resistance, self-lubrication, low noise, corrosion resistance and high strength, which is why it has spread so widely through textile machinery. Because PEEK is self-lubr...

Key benefits: Replaces the original copper mesh lining between pin and chain; Self-lubricating, so it wears more slowly than copper mesh; Longer service life means fewer chain strip-downs

Application	Monforts stenter
Material	peek
Type	black,white,yellow
Colour	black,white,brown
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



PEEK Nut for Monforts Stenters Black

A PEEK nut is, strictly speaking, the adjustable nut on the stenter's lead rod, the part that lets the guide rail be widened. Because PEEK is self-lubricating it needs no molybdenum disulfide. It is not easy to break, it resists high temperature and corrosion, it wears slowly, and it lasts longer than the part it replaces. PEEK, polyether ether ketone, is a high-performance thermoplastic. It combi...

Key benefits: Self-lubricating PEEK, no molybdenum disulfide needed on the lead rod; High temperature and corrosion resistant; Wear resistant, so the width adjustment keeps working through the machine's life

Application	Monforts stenter
Material	peek
Type	44*7 / 44*6 / 45*6 / 45*6.35
Colour	black and yellow
Weight	0.238kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days



PEEK Nut for Monforts Stenters Brown

A PEEK nut is, strictly speaking, the adjustable nut on the stenter's lead rod, the part that lets the guide rail be widened. Because PEEK is self-lubricating it needs no molybdenum disulfide. It is not easy to break, it resists high temperature and corrosion, it wears slowly, and it lasts longer than the part it replaces. PEEK, polyether ether ketone, is a high-performance thermoplastic. It combi...

Key benefits: Self-lubricating, so the lead rod needs no molybdenum disulfide; Resists the high temperature and corrosion around a stenter rail; Not easy to break under width adjustment load

Application	Monforts stenter
Material	peek
Type	44*7 / 44*6 / 45*6 / 45*6.35
Colour	black and yellow
Weight	0.238kg
Brand	YH
Origin	Zhejiang, China
Delivery Time	Within 7 days