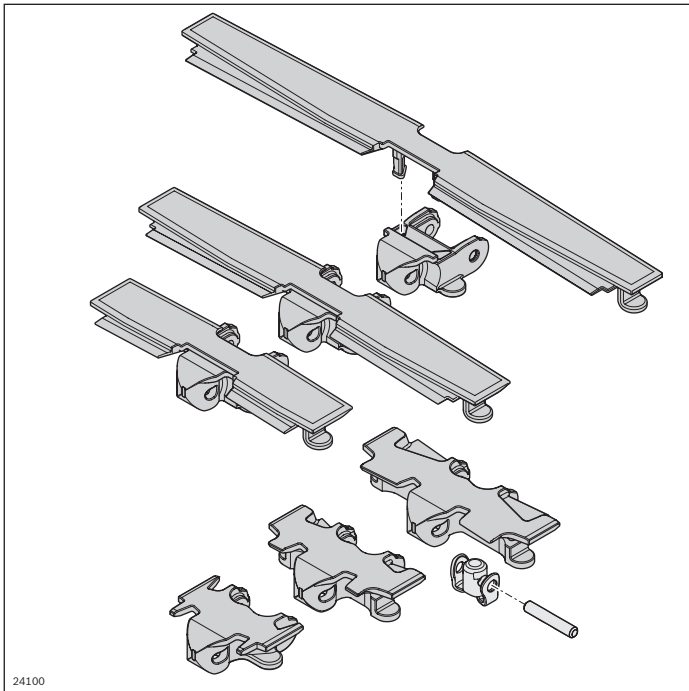
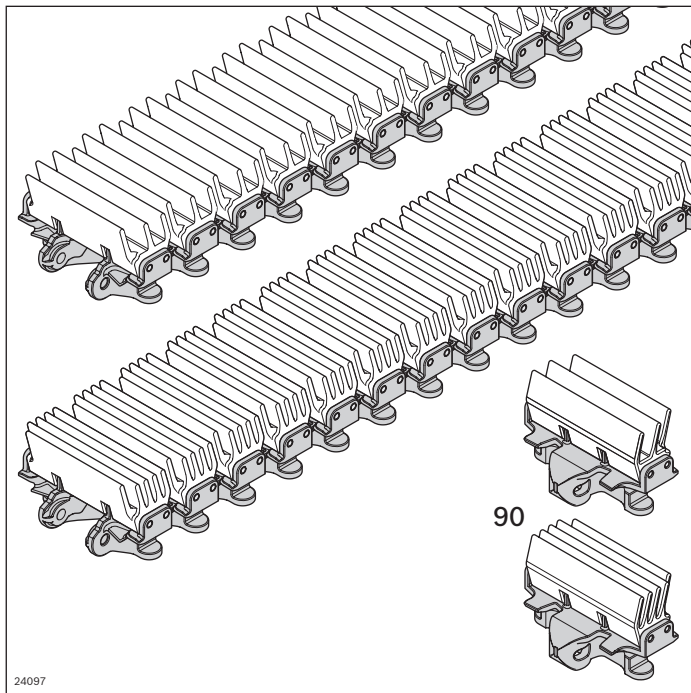


Conveyor chains



- ▶ Quiet and smooth-running parts transport thanks to patented conveyor chains
- ▶ Optimized antifriction properties of the chains
- ▶ Chain links uncoupled by means of different materials (patented)
- ▶ FDA-compliant materials
- ▶ Low-vibration transport of small parts and accumulation option by covering the chain links
- ▶ Easy-to-exchange chain plate from size 160
- ▶ Wide variety of chain types suitable for different applications

Clamping chain



- ▶ Extremely quiet chain running thanks to the patented chain design
- ▶ Materials comply with the requirements of FDA CFR 21

Scope of delivery:

- Chain: Complete, incl. chain pin and pivot pin

Condition on delivery:

- Chain: Fully assembled

The clamping chain clamps products to enable transport across different heights or distances.

Particularly when the product to be transported

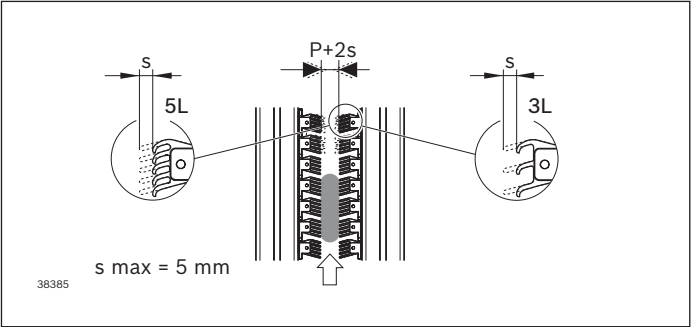
- Cannot be transported vertically on a standard conveyor due to its design
- Cannot be transported up steep gradients with other chains due to its center of gravity
- Has sensitive surfaces that would be damaged by lateral or upper guides
- Must not slip during vertical transport
- Should be transported without synchronization

- Transport options with clamping chain depend on the product geometry (test required)
- Accumulation operation not permitted
- Maximum chain tensile force: 1250 N
- Only suitable for dry operation
- Chain available in two versions:
5 plates (5L) for products insensitive to pressure
3 plates (3L) for products sensitive to pressure
For information on contact pressure in the wedge conveyor, see p. 47
- An assembly module is required for assembling and disassembling the chain
- The plates are not suitable for transporting sharp-edged objects

See also "Setting up a wedge conveyor" on page 206.

Material:

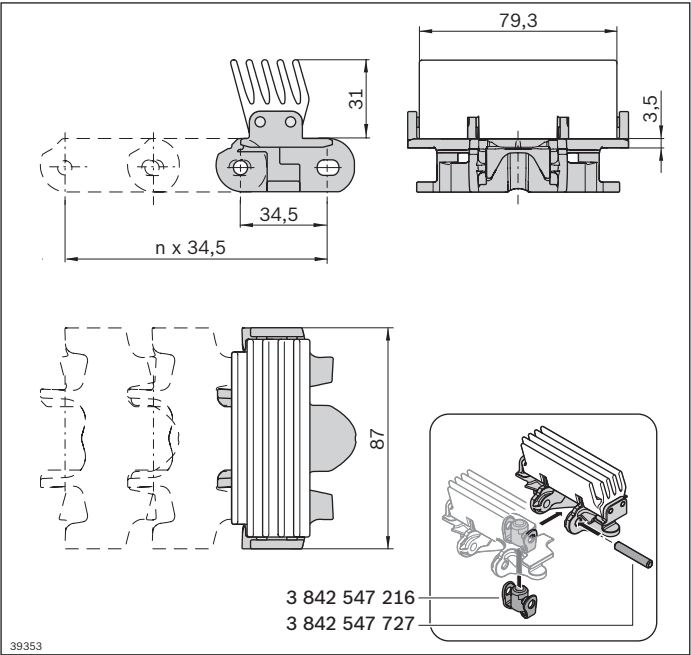
- Chain link: POM
- Plates: TPE, Shore A 55
- Chain pin: Non-rusting steel 1.4301
- Pivot pin: PA66



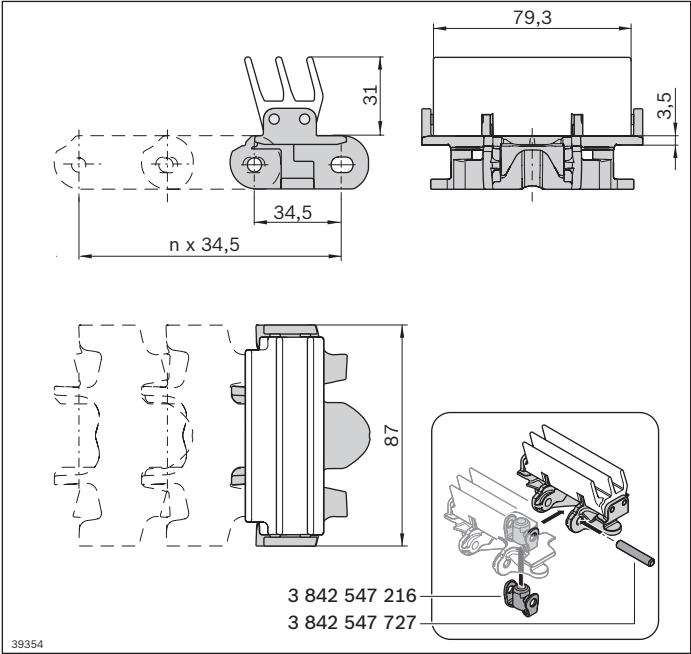
Permissible product weight per chain pair:
5L: 15 N; 3L: 9 N

Max. product length (depending on the product height):
in curve wheel: 100 mm
in curve R500: 250 mm
in curve R700: 400 mm

"s" (= pressing pressure) depends on size, weight, and surface finish of the product. Tests may be necessary.
P = product width



Clamping chain VFplus 90 5L	L (mm)	No.
Conveyor chain	2898	1 3 842 546 086
Chain pin	100	3 842 547 727
Pivot pin	100	3 842 547 216



Clamping chain VFplus 90 3L	L (mm)	No.
Conveyor chain	2898	1 3 842 546 087
Chain pin	100	3 842 547 727
Pivot pin	100	3 842 547 216