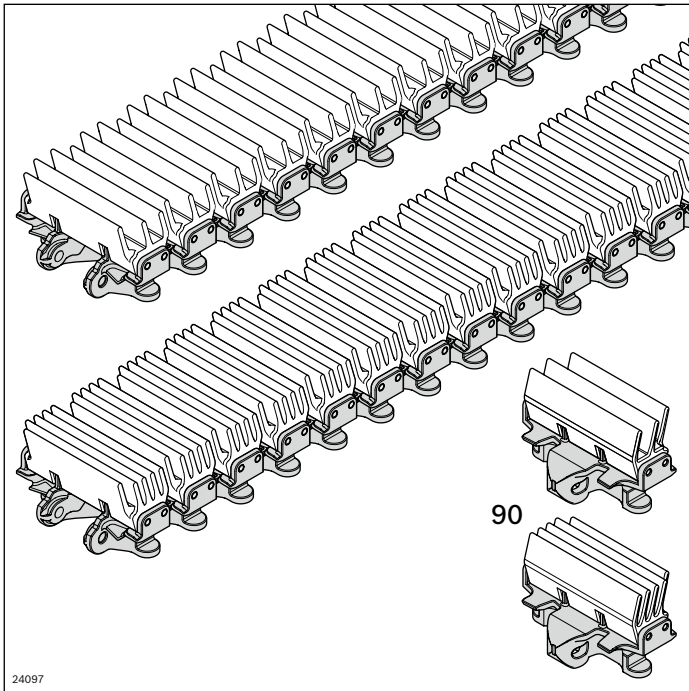


## Clamping chain



- ▶ 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 jointed bolts

### Condition on delivery:

Chain: Fully assembled

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

Particularly used when the product being transported

- Is difficult to transport vertically due to its shape
- 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 2 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 page 47
- An assembly module is required for assembling and disassembling the chain
  - The lamellae are not suitable for transporting sharp-edged objects

See also "Setting up a wedge conveyor" on page 192.

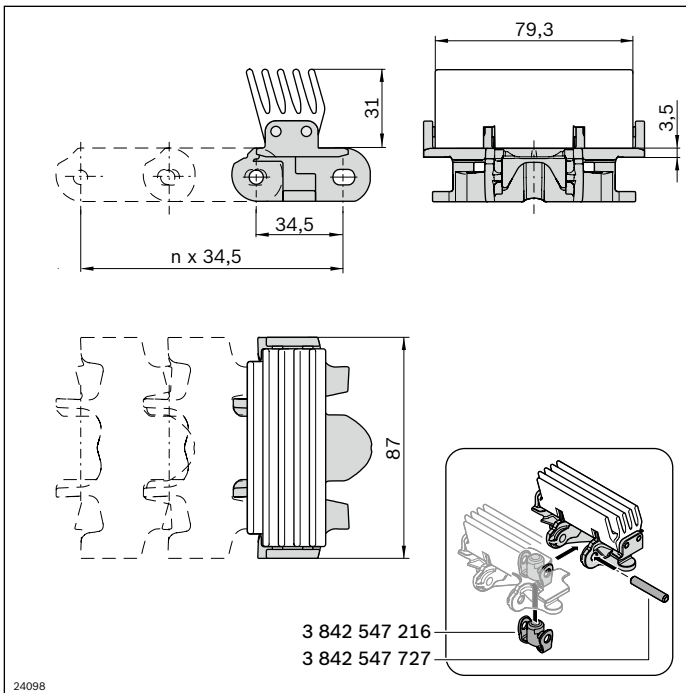
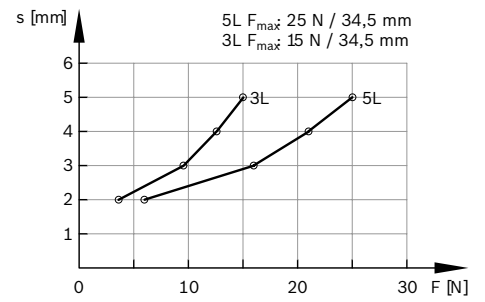
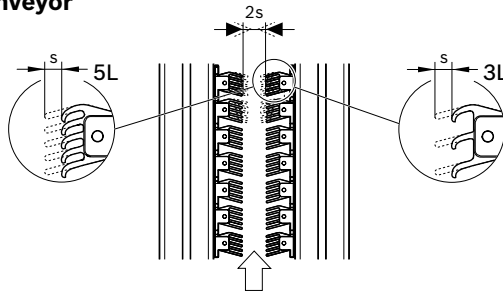
### Material:

- Chain link: POM
- Plates: TPE, Shore A 55
- Chain pin: Stainless steel, 1.4301
- Jointed bolts: PA66

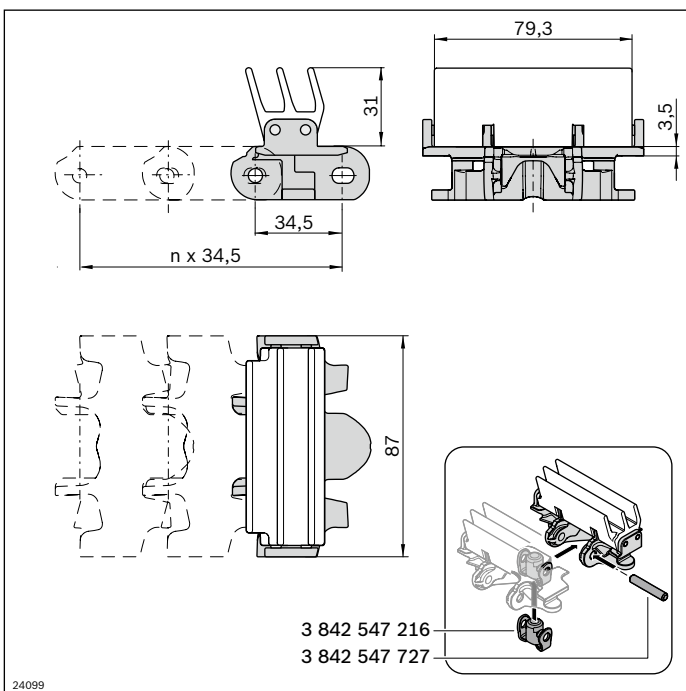
**Contact pressure in wedge conveyor**

Compressive deformation value:  
< 40%

“s” depends on the product’s size, weight and surface properties.  
Tests may be necessary.



Clamping chain VF90plus 5L	L (mm)	No.
	2898	1 3 842 546 086



Clamping chain VF90plus 3L	L (mm)	No.
	2898	1 3 842 546 087