

The 6300-Series 50 mm pitch hybrid belt combines the features of steel and plastic components with the advantages of a real modular system. The new 6300T series offers a brick-layed pattern in combination with a reusable pin retention system. In combination with flights and sideguards this belt is a common choice for the food industry. As a standard the belts are supplied in polypropylene and polyethylene.

Features

- Fully plastic product support surface due to the cleverly positioned tension plates underneath the belt surface.
- 6391 and 6392 belt modules are diamond-shaped, resulting in a minimum contact area with the product, with little risk of product sticking to the belt surface.
- Easy to operate pin retention system.
- 6300T-series is strongly recommended for high-temperature applications, such as cookers and blanchers.
- High strength and good dimensional stability due to stainless steel frame of tension plates and pins; no large pitch elongation occurs because of thermal expansion during operation.
- Completely flush modules and edges.
- Bricklaid pattern improves belt robustness and enables easy maintenance and assembly.
- 6300T-Series belts are a replacement for the original 6300-series offering important advantages with respect to pin retention and product handling. 6300T and 6300-series run on the same sprockets. For replacement purposes 6300-series can still be obtained.

Programme	
6390T Solid Top	Closed surface; suitable for handling small and large products without product loss and where no drainage is required
6391T Perforated Top	26% Open area and the fine mesh make it suitable for applications with very small products requiring good drainage or airflow capabilities, such as blanchers, cookers and coolers
6392T Perforated Top	48% Open area for optimum water- and airflow; due to the bigger gaps it is intended for larger product particles; also suitable for blanchers, cookers and coolers
Belt accessories	Flights and sideguards can be supplied upon request; contact Technical Support

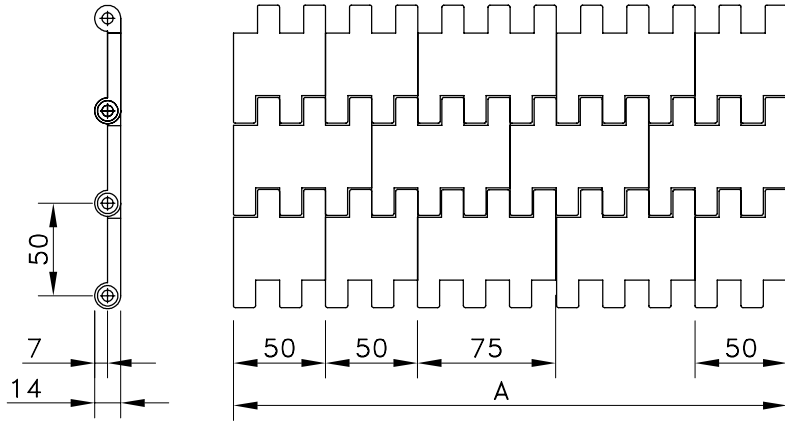


Beans blancher with 6391 mattop chain



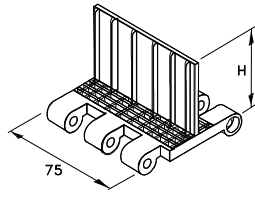
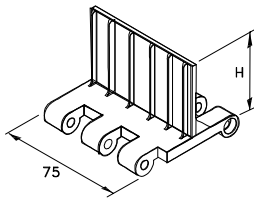
Spinach elevated on 6391 mattop chain

Solid Top 6390T



Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet			
N/m (21°C)							
kg/m²							
mm							
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 6390T	I6390TWHTKxx	5 to 105		1500 per row tension plates	9.55	50
BHT-Polypropylene with Polypropylene Pins							
Standard	BHT 6390T	I6390TBHTKxx	5 to 105		1500 per row tension plates	9.55	50

* In code numbers xx corresponds with the belt width (A), starting with 225 mm with 75 mm increments up to 2475 mm. Other sizes upon request. See also page 208.



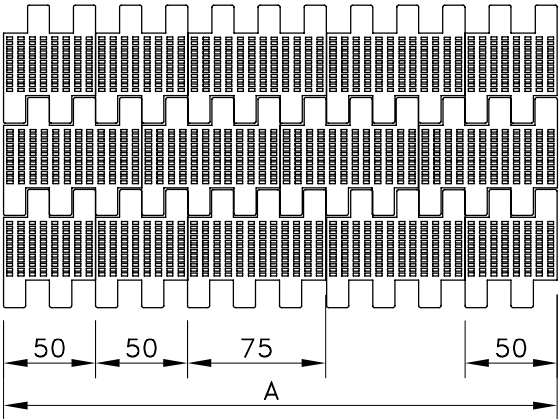
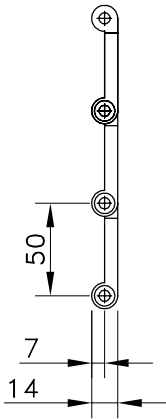
Flight 6390-series for inclined applications

Sideguards 6390-series

6390-series belts are equipped with stainless steel pins and with tension plates as shown in this table:

Belt width mm	Standard number tension plates	Max. number tension plates without sideguards	Max. number tension plates with sideguards
225	1	$\frac{\text{Belt width} - 225}{75} + 1$	$\frac{\text{Belt width} - 225}{75}$
300 - 750	2		
825 - 1200	4		
1275 - 1500	6		
1575 - 1800	8		
1875 - 2475	10		

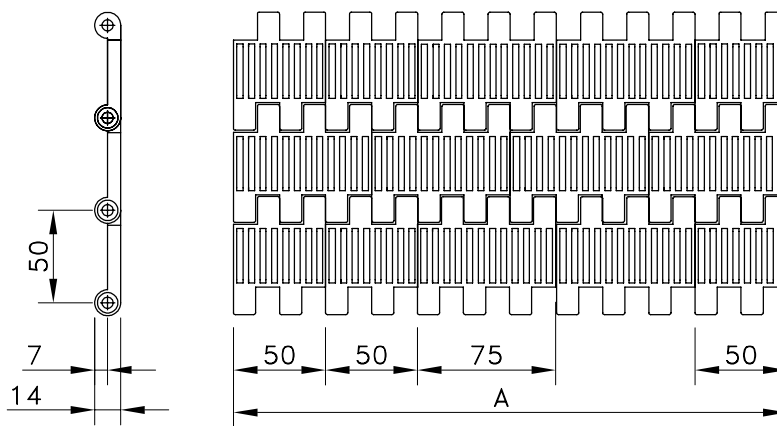
Perforated Top 6391T



Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet			
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 6391T	I6391TWHTKxx	5 to 105		1500 per row tension plates	9.02	50
BHT-Polypropylene with Polypropylene Pins							
Standard	BHT 6391T	I6391TBHTKxx	5 to 105		1500 per row tension plates	9.02	50
WLT-Polyethylene with Polyethylene Pins							
Standard	WLT 6391T	I6391TWLTxx	-70 to +25		1500 per row tension plates	9.02	50

* In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 225 mm with 75 mm increments up to 2475 mm. Other sizes upon request. See also page 208.

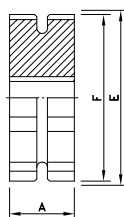
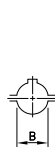
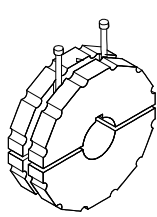
Perforated Top 6392T



Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m ²	mm
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 6392T	I6392TWHTKxx	5 to 105		1500 per row tension plates	8.75	50
BHT-Polypropylene with Polypropylene Pins							
Standard	BHT 6392T	I6392TBHTKxx	5 to 105		1500 per row tension plates	8.75	50
WLT-Polyethylene with Polyethylene Pins							
Standard	WLT 6392T	I6392TWLTxx	-70 to +25		1500 per row tension plates	8.75	50

* In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 225 mm with 75 mm increments up to 2475 mm. Other sizes upon request. See also page 208.

Split Sprockets



Other dimension available upon request.

Sprocket Type	Code Number	Number of Teeth	Bore	Pitch Diameter	Outside Diameter	Hub Width
			B	E	F	
mm						
mm						
mm						
mm						
Round Bores						
KUS 6390 T08 R30	I6390630652	8	30	130.6	120.7	60
KUS 6390 T08 R40	I6390630692	8	40			
KUS 6390 T10 R30	I6390631462	10	30	161.8	153.9	
KUS 6390 T10 R40	I6390631482	10	40			
KUS 6390 T12 R30	I6390631572	12	30	193.1	186.6	
KUS 6390 T12 R40	I6390631592	12	40			
KUS 6390 T16 R30	I6390631682	16	30	256.3	251.4	
KUS 6390 T16 R40	I6390631702	16	40			
Square Bores						
KUS 6390 T08 S40	I6390603836	8	40	130.6	120.7	60
KUS 6390 T10 S40	I6390630512	10	40	161.8	153.9	
KUS 6390 T12 S40	I6390630532	12	40	193.1	186.6	
KUS 6390 T16 S40	I6390630552	16	40	251.4	256.3	

Other bore sizes upon request.