

TSUBAKI PLASTIC TOP CHAIN TORP / TOSP



For Sushi Conveyors

Safe Conveyance

Crescent-shaped top plates keep the amount of space between links constant during conveyor curves, minimizing the chance of fingers or conveyed objects getting caught in the gaps.

Scratch-Proof

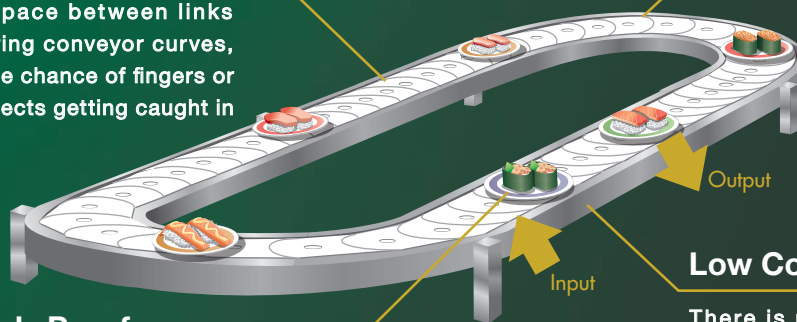
The top plates are plastic, so scratches and other such damage to conveyed objects are kept to a minimum.

Full-Surface Conveyance

Unlike with conventional top chains, where only carry-way conveyance is possible, the entire top plate surface can be used to convey objects for effective use of the whole conveyor.

Low Conveyor Height

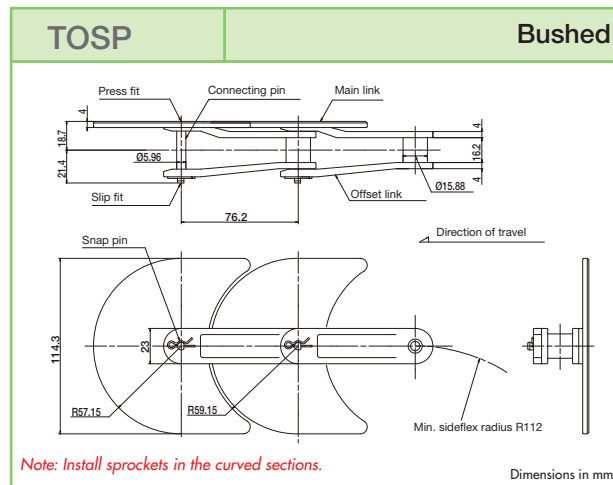
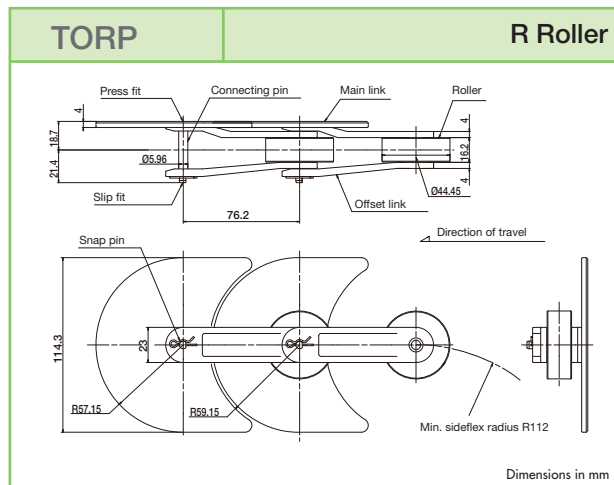
There is no return-way chain, thus avoiding chain slack and sliding against the rollers. The low height of the conveyor enables installation in places where top-to-bottom space is limited.



Note: Plastic Top Chain cannot be used in environments where it will be exposed to detergent and other such chemical liquids. Please contact a Tsubaki representative for chemical-resistant Plastic Top Chain.

Plastic Top Chain

Chain (Stainless Steel Pins)

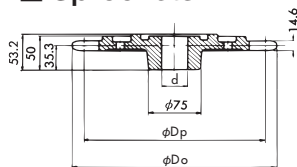


Tsubaki model no.	Max. allowable load kN {kgf}	Operating temperature range °C	Max. allowable speed m/min	Approx. mass kg/m	Top plate main link	Offset link	Roller	Connecting pin/snap pin	Link color
TORP1143	0.69{70}	0 to 60	20 m/min and under	1.40	Reinforced polycarbonate	Reinforced polycarbonate	Polyacetal	Stainless steel	White
TOSP1143				1.36					

Note: 1. Made-to-order product.



- Shipped chain will consist of a number of standard chain lengths plus (if necessary) one fractional length having the number of links needed to make up the total chain length as ordered by the customer. Standard chain length is 40 links.
- Values for maximum allowable load are at ambient temperature.
- Bearing areas between the pins and bushings are pre-lubricated.
- For TOSP chain, the sprockets should be installed in the curved sections.
- Connecting pins not sold separately.
- Do not use Plastic Top Chain in environments where it will be exposed to detergent and other such chemical liquids. The chain may break due to chemical corrosion. Please contact a Tsubaki representative for chemical-resistant Plastic Top Chain.

Sprockets



Applicable chain	Tsubaki model no.	Actual teeth	Effective teeth	Pitch diameter Dp	Outside diameter Do	Bore diameter d		Approx. mass kg	Material
						Plain bore	Max.		
TOSP	TOS1013T	31	10 1/3	254.59	269	23	45	7.2	FC250
TORP	TOR1100T	11	11	270.47	305			7.6	

Note: Made-to-order product.

For information on conveyor design and handling, safety precautions ⚠️ ⚠️, and warranty not listed in this leaflet, please refer to the Tsubaki Top Chain catalog and Top Chain Engineering Manual.



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Figures in this leaflet are given in both SI units and gravimetric units (in { }). Figures in { } are for reference.

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