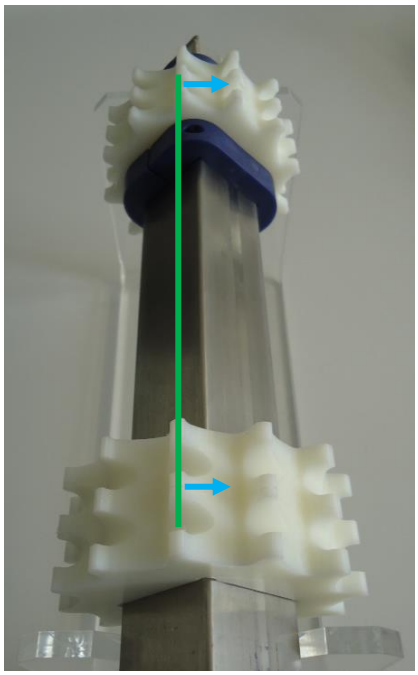
HabasitLINK®
Installation instructions for belt M2960MTW

Please find full installation guide on www.habasitlink.com

This belt type is designed to be equipped with 2 sprockets per shaft.

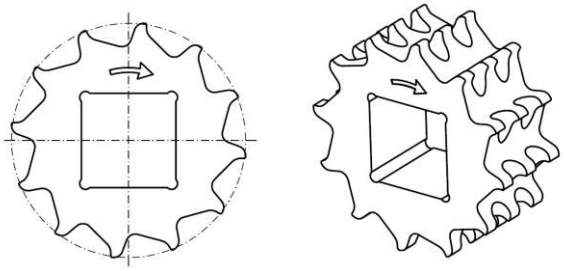


Sprocket alignment on the shafts:
Corresponding teeth axial aligned, check by teeth orientation (green line).

Sprocket running direction:
Check correct sprocket rotation indicated by an arrow on each sprocket. The blue arrows in the picture indicate standard running direction.

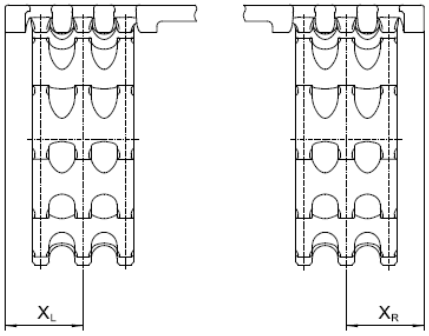
Sprockets Positioning:
Place sprockets at edge distance X_L and X_R as indicated in the tables below.

Sprocket fixation:
Fix one sprocket against lateral movement. The opposite sprocket can float with the belt.

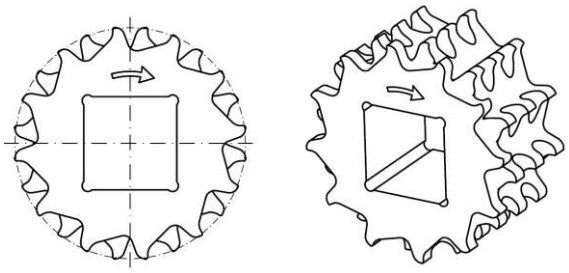


Standard Sprocket (3 tooth rows):
Is unidirectional, for running direction see arrow on sprocket.
It can be placed on both edges of the belt.

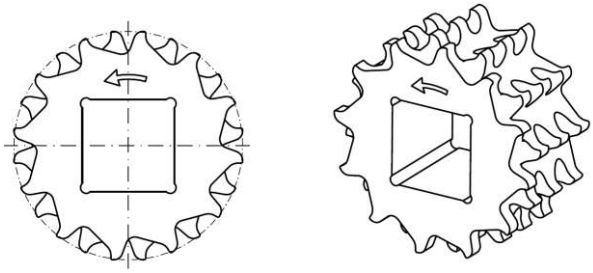
Belt type	Edge distance (standard unidirectional)	
	X_L mm inch	X_R mm inch
M2960	30.8 1.21	30.8 1.21



Distance X_L and X_R is from belt edge to sprocket center.



Right edge (in standard running direction)



Left edge (in standard running direction)

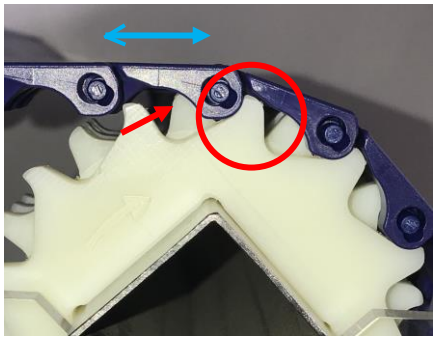
Bi-directional Sprocket (4 tooth rows):
Is Not standard and has a different edge distance position.
It has a right and a left design version. The extra tooth row that shows in opposite direction is always outside at belt edge.

Due to the extra tooth row a belt revers running is possible but limited (one tooth row only).
However, for bi-di running it requires a center drive configuration design.

Belt type	Edge distance (bi-directional)	
	X_L mm inch	X_R mm inch
M2960	25.8 1.1	25.8 1.1

Belt running standard direction:
The belt is designed to run mainly in one direction see arrow on the edge of the module. Bidirectional drive is limited possible.

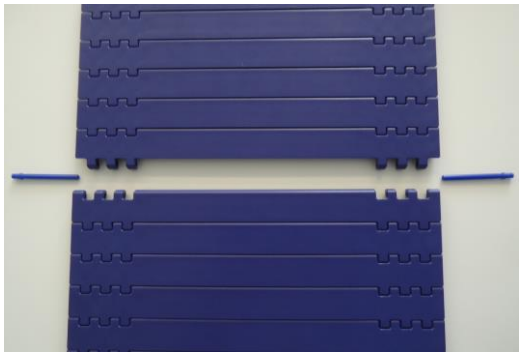
Check proper sprocket engagement (uni-directional):
The concave curved leading edge of the sprocket tooth must properly engage at belt hinge in standard belt running direction. The sprocket outside surface is slighly (11.3 mm (0.45”)) set back from the belt edge.



Check proper sprocket engagement (bi-directional):
The concave curved leading edge of the sprocket outmost tooth must properly engage at belt hinge in **opposite** of the standard belt running **direction**. The sprocket outside surface is flush with belt edge.

Rod installation (Smart Fit rod retention):

Rod Ø4.5mm (0.18”), code MGP04006 (overall length 59 mm (2.32”)). It needs 2 rods per module row.

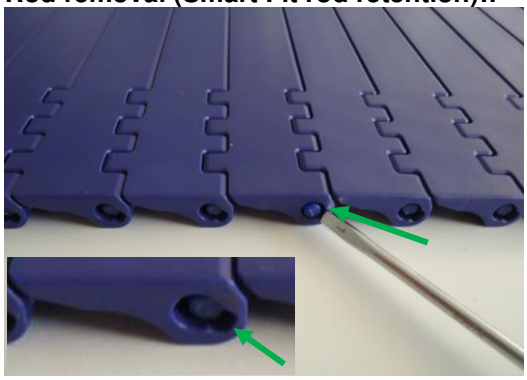


Pull belt sections together

Insert rod

Push in rod until you hear a clicking sound.
Check if rod is fully embedded.

Rod removal (Smart Fit rod retention)::



Remove rod by screw driver

Rod removal by screw driver

Apply screw driver to rod (see arrow) where a module recess is visible. Leverage out the rod.
Screw driver flat size approx. 3.5 mm (0.14”).

The belt must Not be at tension.

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