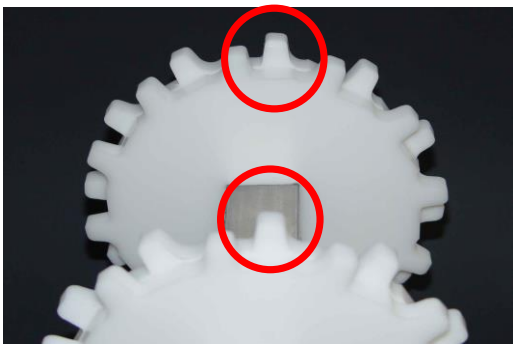
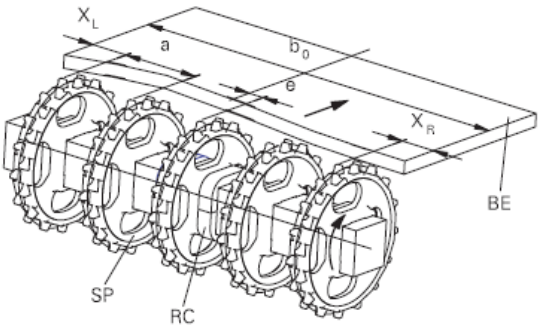
HabasitLINK®

Installation instructions for belt types M5290, M5293 and M5296

Please find full installation guide on www.habasitlink.com



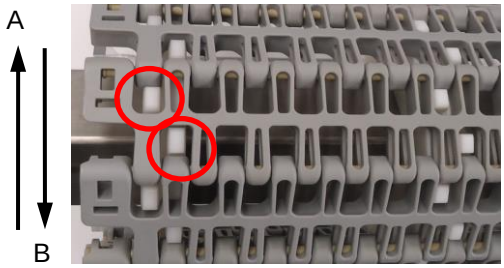
Sprocket alignment on the shafts:
Corresponding teeth axial aligned, check by tooth orientation.



Sprockets Positioning:
Place sprockets between min. and max. spacing (a).
Offset (e) is given by shaft design.
Fix only the sprocket in the middle with small clearance.

Belt type	Sprocket spacing a		Edge distance* (minimal)	
	minimal mm *inch*	**maximal** mm *inch*	**X_L** mm *inch*	**X_R** mm *inch*
M5290 M5293 M5296	50.8 *2*	152.4 *6*	39.4 *1.55*	53.5 *2.11*

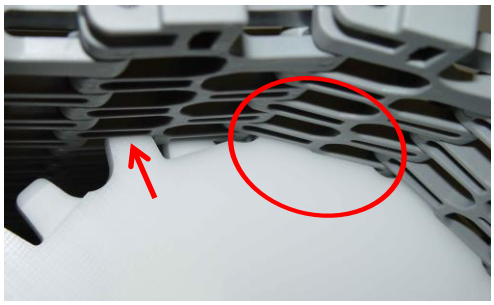
* X_L and X_R are related to running direction A and are inverse for the running direction B



Belt running direction:
This belt can run in both directions but it might be given by the shaft design with fixed sprocket and offset (e). Install the belt whenever possible with rod head on the outside of the curve.

Preferred running direction for radius and spiral conveyors is direction A.

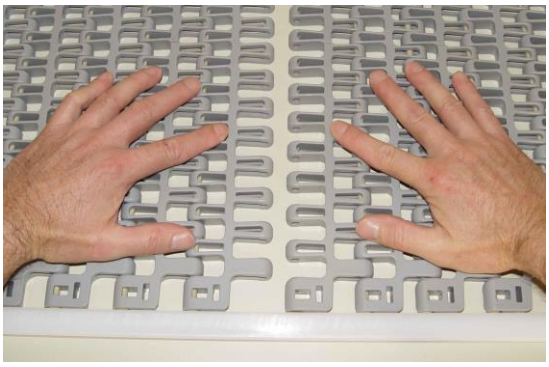
Respect minimal edge distance X_L and X_R depending on running direction.



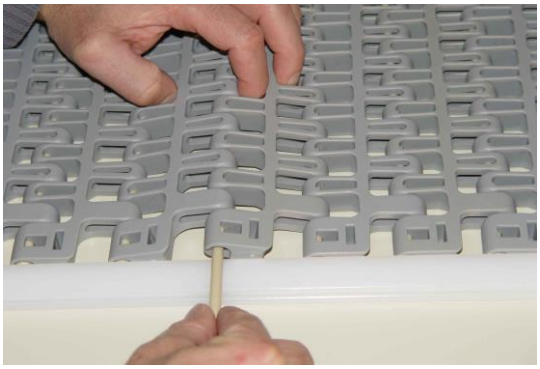
Check proper sprocket engagement:
The sprocket teeth must properly engage in the belt.
Belt reverse side is in contact with the sprocket rim.
Check proper sprocket engagement from belt surface.

Rod installation (smart fit rod retention):

Rod Ø6mm (0.22”) with octagonal shaped head must have a beveled end. Install the belt with **rod head on the outside of the curve**. In case of more curves with opposite direction install belt with rod head on outside at last curve (closer to head drive), for wide belts there might be two rods per row (S-curve).



Pull belt sections together

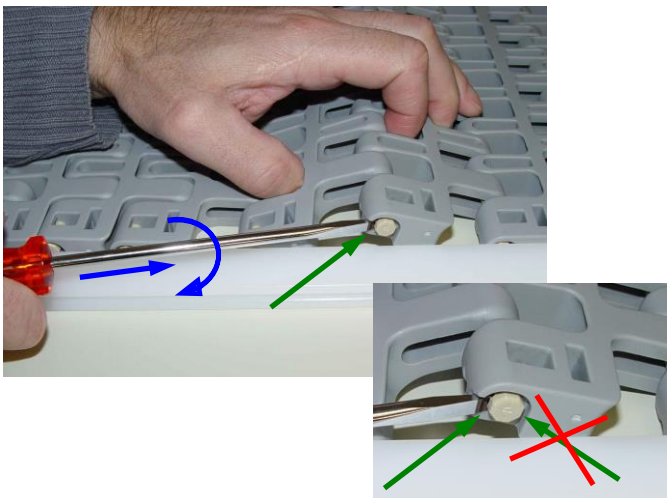


Insert rod
For easy rod installation, rod end must be beveled.

Push in rod head

Check if rod head is fully embedded.

Rod removal (smart fit rod retension):



Rod removal by screw driver.
The belt must not be under tension.

Apply screw driver at rod head from the next module (see picture). Push it below rod head and screw it out of bore. Do not punch out rod by hammer.