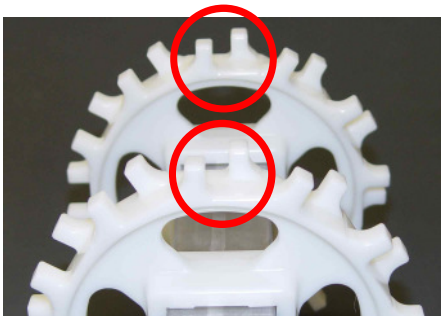
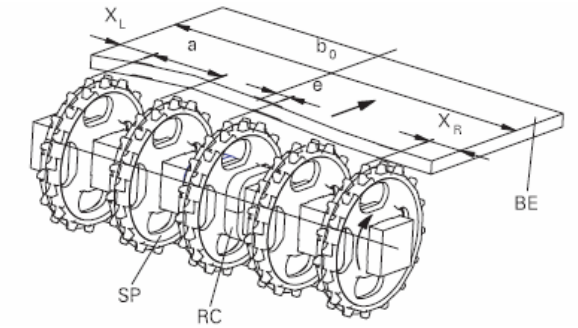
HabasitLINK®

Installation instructions for belt types M3840, M3843

Please find full installation guide on www.habasitlink.com



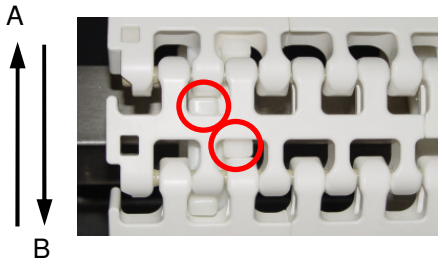
Sprocket alignment on the shafts:
Corresponding teeth axial aligned, check by tooth orientation.



Sprockets Positioning:
Place sprockets between min. and max. spacing (a).
Offset (e) 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*
M3840 M3843	50 *2*	125 *5*	44 *1.73*	31 *122*
M3840 M3843 with hold down tabs	50.8 *2*	125 *5*	68 *2.68*	55 *2.17*

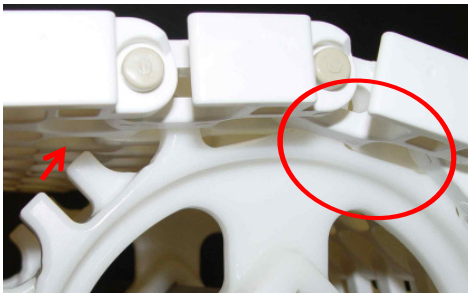
* X_L and X_R are related to running direction A and are inverse for the running direction B



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

Preferred running direction for radius conveyors is A.
For Spiral conveyors it is direction B.

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

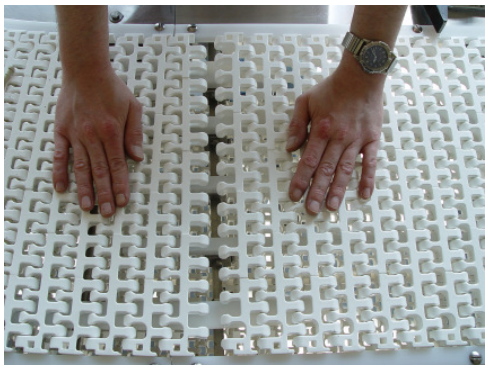


Check proper sprocket engagement:
The sprocket teeth must properly engage in the belt.
Belt reverse side is in contact with the sprocket rim.
Check proper sprocket engagement from belt surface.

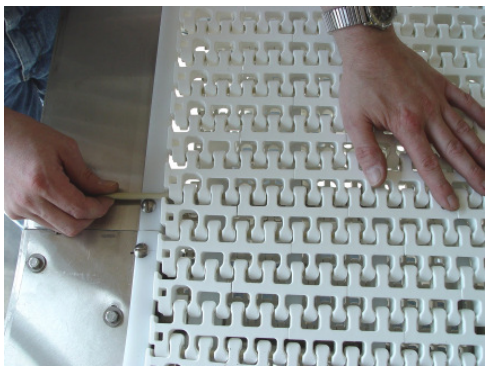
Rod installation (snap fit rod retention):

Rod Ø6mm (0.24”) with round 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).

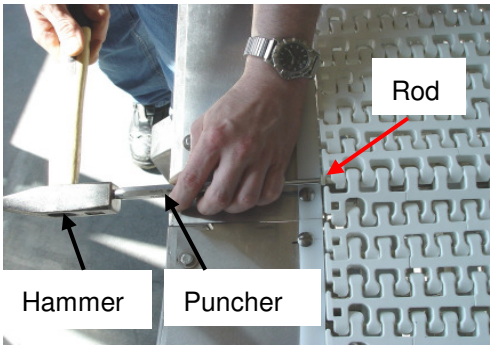




Pull belt sections together

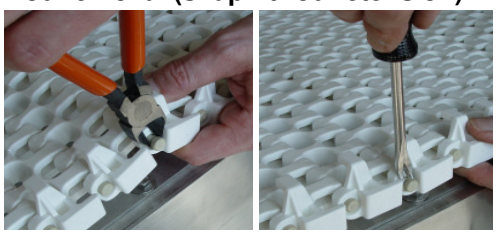


Insert rod
For easy rod installation, rod end must be beveled.

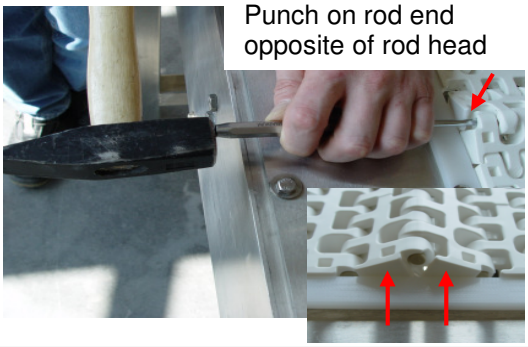


For proper rod installation use hammer and puncher.
Hold back module edge at opposite.
Check if rod head is fully embedded.

Rod removal (snap fit rod retension):



Leverage rod head out



Punch on rod end opposite of rod head

Rod removal by Habasit rod removal tool (rod puller) or side cutter.
Do not cut off the rod head.
The belt must not be under tension.

Rod removal by hammer and punch:
Punch out retaining head by striking rod end opposite to retaining head.
Hold back module edge on the opposite side.
The belt must not be under tension.

Pub. Data 6001BRO.MOD-en0109HQR