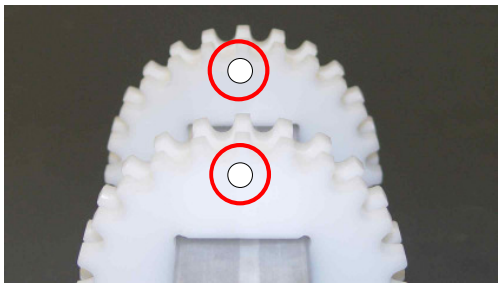
# HabasitLINK®

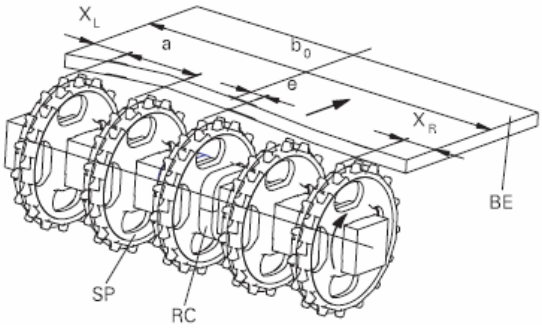
## Installation instructions for belt type M1185

Please find full installation guide on www.habasitlink.com



**Installation on M1100 sprockets.**
**Sprocket alignment on the shafts:**
Corresponding teeth axial aligned, check by alignment mark.

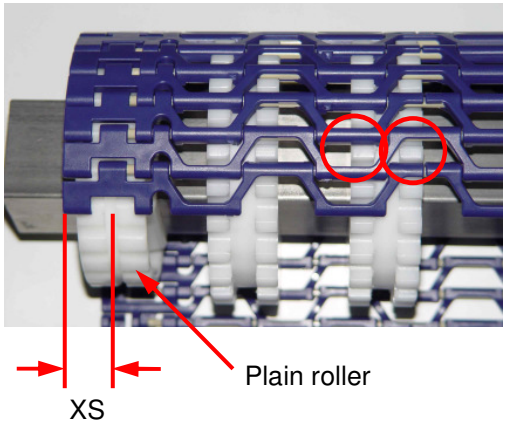
If the bore is square and the number of teeth can be divided by 4, there may be no mark.




**Installation on M1100 sprockets.**
**Sprockets Positioning:**
Place sprockets between min. and max. spacing (a).
Respect edge distance $X_L$ and $X_R$.
Offset (e) given by shaft design.
Fix only the sprocket in the middle with small clearance.

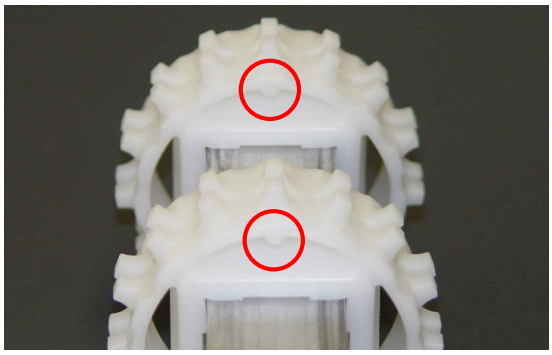
| Belt type | Sprocket spacing a | | Edge distance (minimal) | |
|---|---|---|---|---|
| | **minimal** mm inch | **maximal** mm inch | **$X_L$** mm inch | **$X_R$** mm inch |
| M1185 | 50.8 2 | 101.6 4 | 63.5 2.5 | 63.5 2.5 |

In addition to sprockets it is recommended to use plain support rollers at belt edges on drive and idling side (see picture below). Distance of the center of the support roller to the belt edge: $XS_L$ and $XS_R$ = 15mm (0.59”).



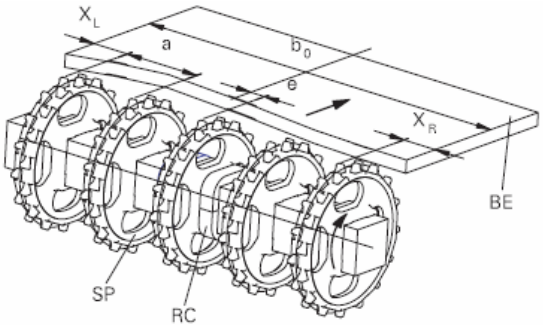

**Check proper sprocket engagement:**
The sprocket teeth must properly engage in belt.
Fix belt edge support roller against lateral movement.

With M1100 sprockets bi-directional drive is possible.



**Installation on M1200 sprockets.**
**Sprocket alignment on the shafts:**
Corresponding teeth axial aligned, check by alignment mark.

If the bore is square and the number of teeth can be divided by 4, there may be no mark.

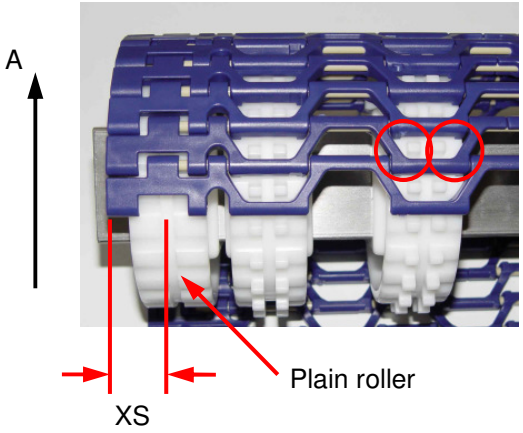



**Installation on M1200 sprockets.**
**Sprockets Positioning:**
Place sprockets between min. max. spacing (a).
Respect edge distance $X_L$ and $X_R$.
Offset (e) given by shaft design.
Fix only the sprocket in the middle with small clearance.

| Belt type | Sprocket spacing a | | Edge distance (minimal) | |
|---|---|---|---|---|
| | **minimal** mm inch | **maximal** mm inch | **$X_L$** mm inch | **$X_R$** mm inch |
| M1185* | 50.8 2 | 101.6 4 | 63.5 2.5 | 63.5 2.5 |

* For POM and PA belts a maximum admissible load of 70% is recommended

In addition to the sprockets it is recommended to use plain support rollers at the belt edges on drive and idling side (see picture below). Distance of the center of the support roller to the belt edge: $XS_L$ and $XS_R$ = 15mm (0.59”).



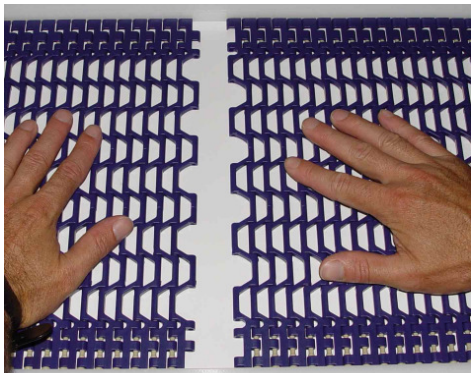

**Check proper sprocket engagement:**
The sprocket teeth must properly engage in belt.
Fix belt edge support roller against lateral movement.

With M1200 sprockets only uni-directional drive (A) is possible.

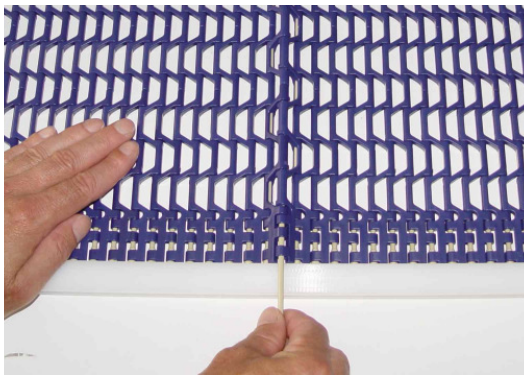
**Rod installation (smart fit rod retention):**

Rod Ø3.6mm (0.14”) with round shaped head must have a beveled end. For wide belts there may be more than one rod per row.



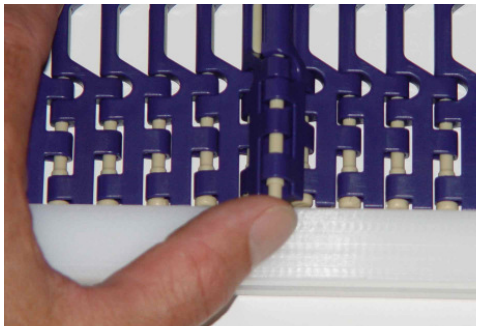


Pull belt sections together



Insert rod

For easy rod installation, rod end must be beveled.



Push in the rod head

Check if rod head is fully embedded

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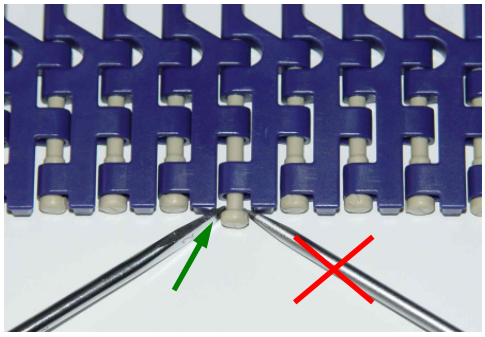
**Rod removal (smart rod retention):**



Remove rod by screw driver

The belt must not be under tension.

Rod head must be round shaped.

Apply screw driver at rod head from the left (see arrow).

Do not punch out rod by hammer.

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