

GT 2 Belt

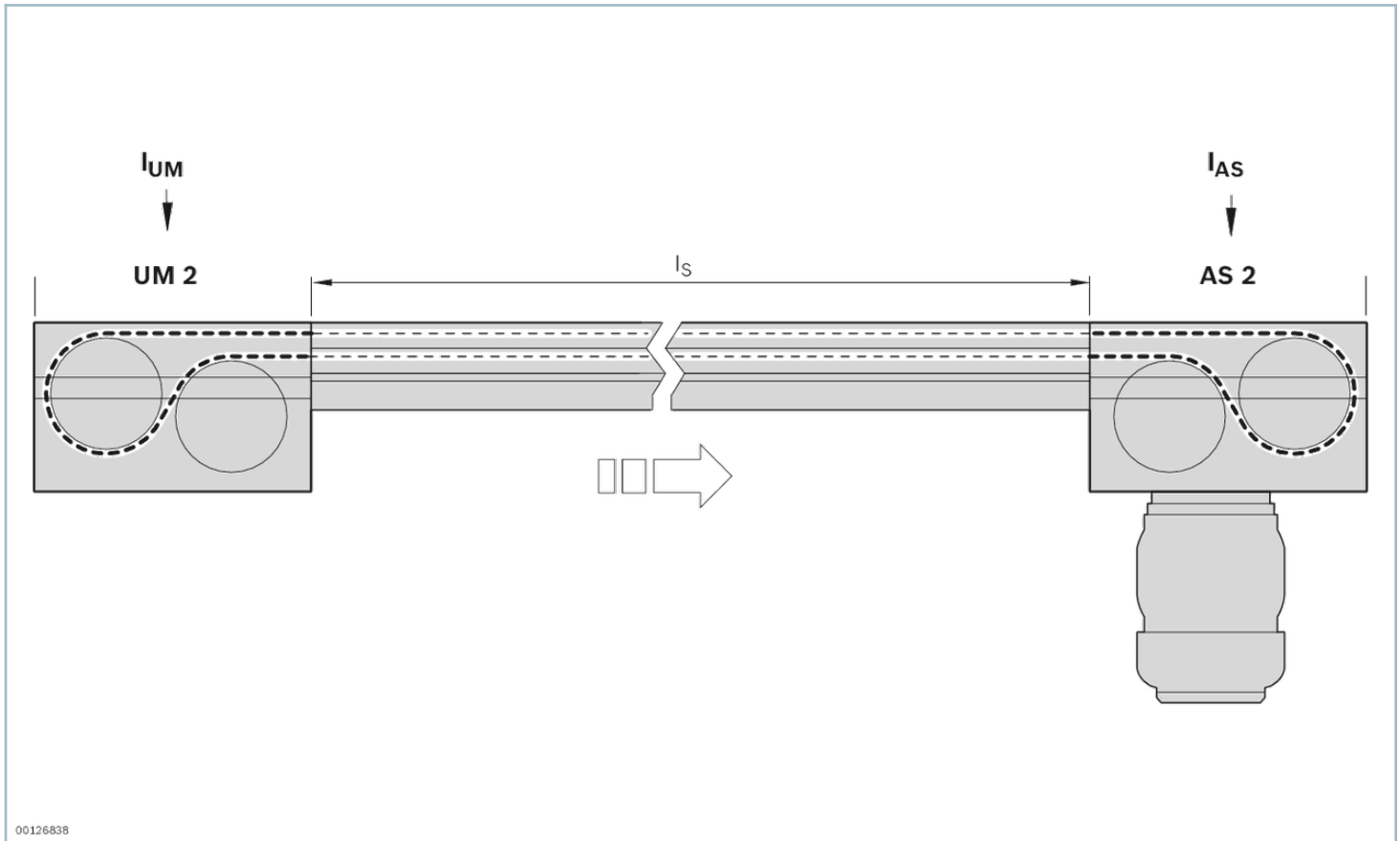


 [Assembly instructions](#)

Product description

The belt used as a conveyor medium transports the workpiece pallets into the transfer system. The belts are pretensioned during installation and bonded to form a continuous belt. A belt mounting tool kit is used for jointing, tensioning and bonding.

Technical data



The required belt length is determined using the following formula.

Note: A pre-tensioning factor F is required for the belt, see the 'Pre-tensioning factor F for belts' overview.

$$l_B = ((2 \times l_S + l_{AS} + l_{UM}) \times F) + 60$$

l_B = length of belt

l_S = length of section

l_{AS} Length of the conveyor medium at the drive module

l_{UM} Length of the conveyor medium at the return unit

F = pretensioning factor

Pretensioning factor F for belt

where BS 2 and $l_S \leq 4000$ mm, $F = 0.98$

where BS 2 and $l_S > 4000$ mm, $F = 0.975$

where AS 2/B-250, $F = 0.965$

Length of the conveyor medium for belt

$l_{UM} = 660$ mm

$l_{AS} = 660$ mm

Belt expansion

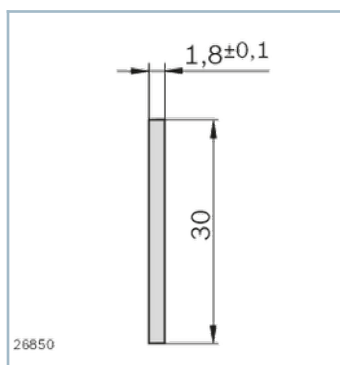
where $l_s \leq 4000 \text{ mm} = 2 \%$

where $l_s > 4000 \text{ mm} = 2.5 \%$

where AS 2/B-250 = 3.5 %

Dimensions

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Accessories



Glue

- Used for bonding belts
- For use in connection with the belt mounting tool kit



Belt Mounting Tool

- Skiving device for reducing belts at connection points
- Heat press to glue the belt ends thermally

Ordering codes

	L	No.
	mm	
GT 2, L250 belt	250000	3842539479
GT 2, L1-250 belt	1000 ... 250000	3842992811