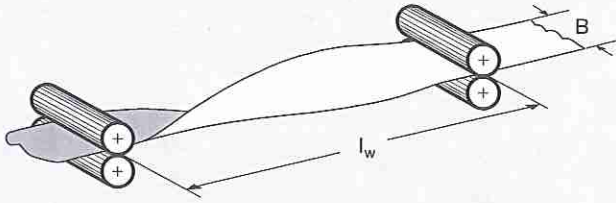
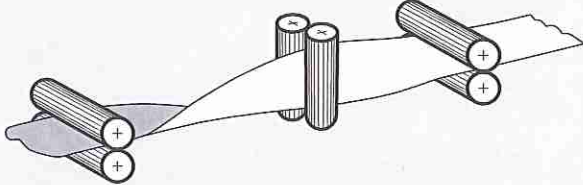
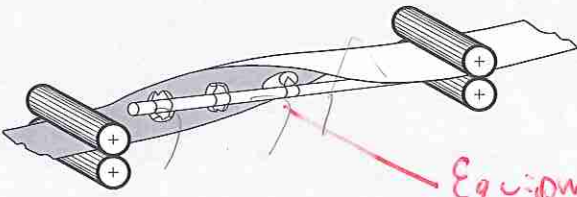


Table 18

Guide Values for the Minimum Belt Turnover-Length  $l_w$  as required for Textile Carcass and Steel Cord Conveyor Belts (according to DIN 22101)

Method of turnover	Max. Belt width B in mm	Belt turnover length $l_w$	
		Textile carcass belts	Steel cord belts
<p>Unguided turnover</p> 	1200	$10 \cdot B$	—
<p>Guided turnover</p> 	1600	$12.5 \cdot B$	$22 \cdot B$
<p>Supported turnover</p> 	2400	$10 \cdot B$	$15 \cdot B$

**Note:**

The guide values given above are sufficient when the bottom run lies in the area of low belt tension. Otherwise a more exact calculation must be performed.

**Note (in addition to DIN 22101):**

Analogously to the belt sag between regular idlers, a minimum belt tension must be maintained in the belt turnover in order to avoid excessive belt sag, which may lead to clinching.

*Southern American*

