

Guide rails

Guide rails for polyurethane timing belt drives

BRECO®, BRECOFLEX® and CONTI SYNCHROFLEX® polyurethane timing belts have proven to be excellent mediums for transport. The motor force is reliably transmitted by the positive meshing of the belt teeth, the steel cord tension members transmit high tensile forces and the polyurethane belt material has low abrasion and wear resistant features.

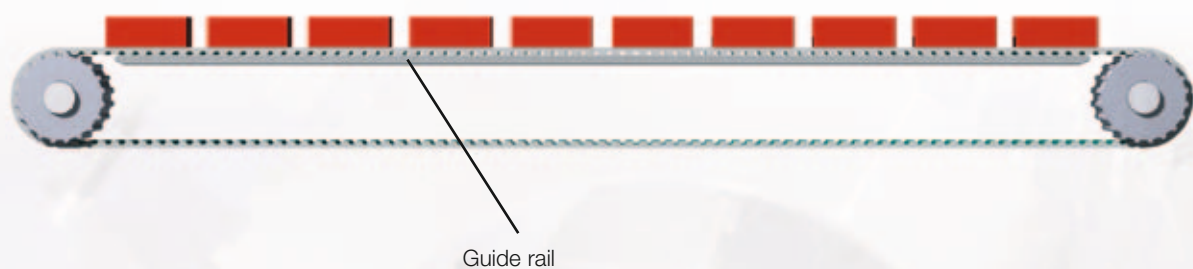
The guide rail

The weight of transported goods will deflect an unsupported belt span and guide rails are used to combat this. We offer guide rails with and without side guides depending on the design requirements. The coefficient of friction with the belt is low.

Our guide rails are available from a standard program coordinated with the available timing belt widths. The preferred length is 2000 mm. Parts less than 2000 mm are also available. Greater lengths and special sizes available to order.

Please contact your Mulco partner.

Example belt-conveyor system

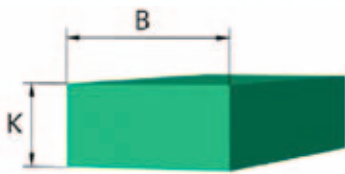


Guide rails without side guides

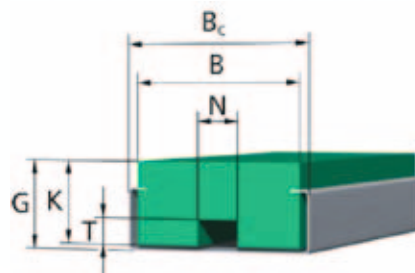
Guide rails without side guides are universally applicable to all types of toothed belts from our product range. They are to be preferred where no large lateral forces act on the conveyor belt.

Order example:

Guide rail GC 50 / 1200
 Type
 For Belt width
 Length in mm



Type G



Type GC

Type	B	B _c	K	G	N	T	for timing belt width
G 32	45	-	22	-	-	-	32
G 50	68	-	32	-	-	-	50
G 75	93	-	32	-	-	-	75
G 100	118	-	32	-	-	-	100
GC 32	45	50	22	23.5	11	7	32
GC 50	68	75	32	34.5	14	9	50
GC 75	93	100	32	34.5	14	9	75
GC100	118	125	32	34.5	14	9	100

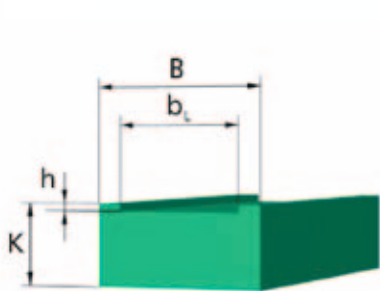
Guide rails

Guide rails with side guides

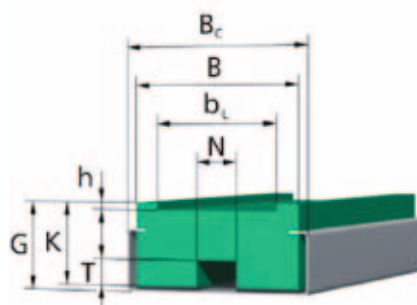
Guide rails with side guides are preferred where large lateral forces act on the conveyor belt.

Order example:

Guide rail **FC 50 x 4,5 / 1200**
 Type _____
 For Belt width x h _____
 Length in mm _____



Type F

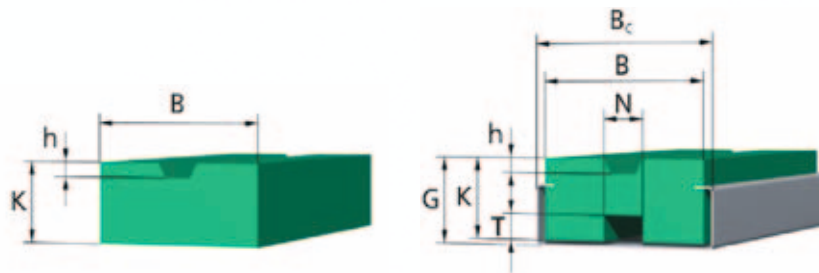


Type FC

Type	B	B _c	bl	K	h	G	N	T	for timing belt width
F 32 x 2	45	-	33	22	2	-	-	-	32 AT 5 32 T 5
F 50 x 2	68	-	51	32	2	-	-	-	50 AT 5 50 T 5
F 75 x 2	93	-	76	32	2	-	-	-	75 AT 5 75 T 5
F 100x 2	118	-	101	32	2	-	-	-	100 AT 5 100 T 5
F 32 x 4	45	-	33	22	4	-	-	-	32 AT 10 32 T 10
F 50 x 4	68	-	51	32	4	-	-	-	50 AT 10 50 T 10
F 75 x 4	93	-	76	32	4	-	-	-	75 AT 10 75 T 10
F 100x 4	118	-	101	32	4	-	-	-	100 AT 10 100 T 10
F 50 x 7	68	-	51	32	7	-	-	-	50 AT 20 50 T 20
F 75 x 7	93	-	76	32	7	-	-	-	75 AT 20 75 T 20
F 100x 7	118	-	101	32	7	-	-	-	100 AT 20 100 T 20
FC 32 x 2	45	50	33	22	2	23.5	11	7	32 AT 5 32 T 5
FC 50 x 2	68	75	51	32	2	34.5	14	9	50 AT 5 50 T 5
FC 75 x 2	93	100	76	32	2	34.5	14	9	75 AT 5 75 T 5
FC 100x 2	118	125	101	32	2	34.5	14	9	100 AT 5 100 T 5
FC 32 x 4	45	50	33	22	4	23.5	11	7	32 AT 10 32 T 10
FC 50 x 4	68	75	51	32	4	34.5	14	9	50 AT 10 50 T 10
FC 75 x 4	93	100	76	32	4	34.5	14	9	75 AT 10 75 T 10
FC 100x 4	118	125	101	32	4	34.5	14	9	100 AT 10 100 T 10
FC 50 x 7	68	75	51	32	7	34.5	14	9	50 AT 20 50 T 20
FC 75 x 7	93	100	76	32	7	34.5	14	9	75 AT 20 75 T 20
FC 100x 7	118	125	101	32	7	34.5	14	9	100 AT 20 100 T 20

Guide rails with V-guide

Guide rails with V-guide are used with self-tracking belts.
Guide rails for ATN belts can be supplied with a V-guide upon request.



Type K

Type KC

Order example:

Guide rail **K13-C 32 x 4,5 / 1200**
 Type _____
 For Belt width x h _____
 Length in mm _____

Type	B	B _c	K	h	G	N	T	for timing belt width		
K6	32 x 4	45	-	22	4	-	-	-	32 ATK5 K6	32 TK5 K6
K6	50 x 4	68	-	32	4	-	-	-	50 ATK5 K6	50 TK5 K6
K6	32 x 2	45	-	32	2	-	-	-	32 ATK10 K6	32 TK10 K6
K6	50 x 2	68	-	32	2	-	-	-	50 ATK10 K6	50 TK10 K6
K6	75 x 2	93	-	32	2	-	-	-	75 ATK10 K6	75 TK10 K6
K6	100 x 2	118	-	32	2	-	-	-	100 ATK10 K6	100 TK10 K6
K13	32 x 4,5	45	-	22	4,5	-	-	-	32 ATK10 K13	32 TK10 K13
K13	50 x 4,5	68	-	32	4,5	-	-	-	50 ATK10 K13	50 TK10 K13
K13	75 x 4,5	93	-	32	4,5	-	-	-	75 ATK10 K13	75 TK10 K13
K13	100 x 4,5	118	-	32	4,5	-	-	-	100 ATK10 K13	100 TK10 K13
K13	50 x 2	68	-	32	2	-	-	-	50 ATK20 K13	50 TK20 K13
K13	75 x 2	93	-	32	2	-	-	-	75 ATK20 K13	75 TK20 K13
K13	100 x 2	118	-	32	2	-	-	-	100 ATK20 K13	100 TK20 K13
K6-C	32 x 4	45	50	22	4	23,5	11	7	32 ATK5 K6	32 TK5 K6
K6-C	50 x 4	68	75	32	4	34,5	14	9	50 ATK5 K6	50 TK5 K6
K6-C	32 x 2	45	50	32	2	23,5	11	7	32 ATK10 K6	32 TK10 K6
K6-C	50 x 2	68	75	32	2	34,5	14	9	50 ATK10 K6	50 TK10 K6
K6-C	75 x 2	93	100	32	2	34,5	14	9	75 ATK10 K6	75 TK10 K6
K6-C	100 x 2	118	125	32	2	34,5	14	9	100 ATK10 K6	100 TK10 K6
K13-C	32 x 4,5	45	50	22	4,5	23,5	11	7	32 ATK10 K13	32 TK10 K13
K13-C	50 x 4,5	68	75	32	4,5	34,5	14	9	50 ATK10 K13	50 TK10 K13
K13-C	75 x 4,5	93	100	32	4,5	34,5	14	9	75 ATK10 K13	75 TK10 K13
K13-C	100 x 4,5	118	125	32	4,5	34,5	14	9	100 ATK10 K13	100 TK10 K13
K13-C	50 x 2	68	75	32	2	34,5	14	9	50 ATK20 K13	50 TK20 K13
K13-C	75 x 2	93	100	32	2	34,5	14	9	75 ATK20 K13	75 TK20 K13
K13-C	100 x 2	118	125	32	2	34,5	14	9	100 ATK20 K13	100 TK20 K13