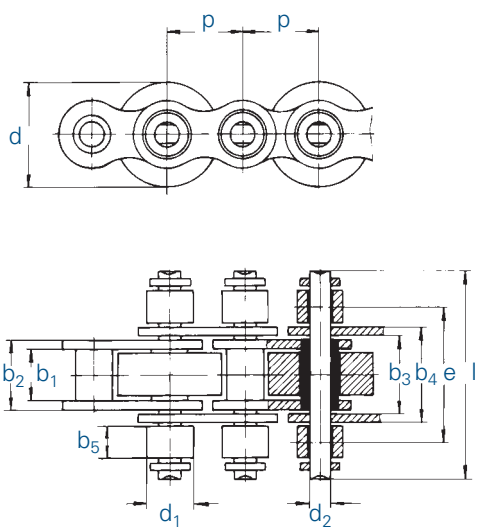
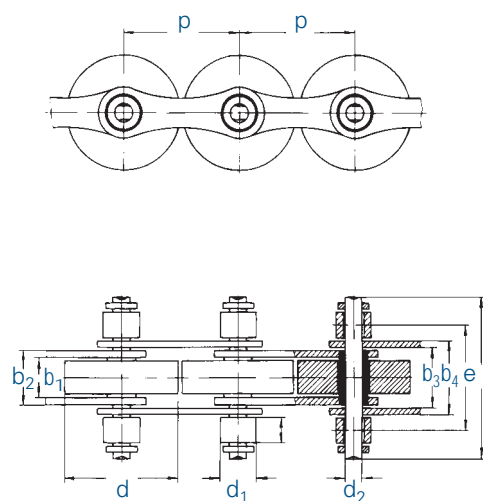




Design E



Double pitch chain Design L



Chain	Pitch		Inner width	Inner link width	Width between over outer plates		Support roller \varnothing	Pin \varnothing	Transverse pitch	Plate height	Width over pin	Support roller width	Width over pin Type I	Support roller width	
	p	Design			b ₃ min.	b ₄ max.									
No.	Ind.	mm	b ₁ min. mm	b ₂ max. mm	b ₃ min. mm	b ₄ max. mm	d ₁ mm	d ₂ max. mm	e mm	g max. mm	l max. mm	b ₅ max. mm	l max. mm	b ₅ max. mm	
513 SF MA		19,05	E	11,68	15,62	15,80	20,0	12,00	5,72	31,50	16,1	48,0	11,5	43,0	9,0
548 SF MA		25,4	E	17,02	25,45	25,81	32,0	15,88	8,28	44,50	21,0	65,0	12,5	-	-
722 SF MA		38,1	L	11,68	15,62	15,80	20,0	12,00	5,72	31,50	16,1	48,0	11,5	-	-
728 SF MA		50,8	L	17,02	25,45	25,81	32,0	15,88	8,28	44,50	21,0	65,0	12,5	-	-
D 513 SF MA		19,05	D	11,68	15,62	15,80	20,0	12,07	5,72	52,00	16,1	68,0	11,5	-	-
D 548 SF MA		25,4	D	17,02	25,45	25,81	32,0	15,88	8,28	76,76	21,0	97,0	12,5	-	-
T 513 SF MA		19,05	T	11,68	15,62	15,80	20,0	12,07	5,72	38,92	16,1	61,7	-	-	-
T 548 SF MA		25,4	T	17,02	25,45	25,81	32,0	15,88	8,28	63,76	21,0	99,9	-	-	-

Sprockets are available for all accumulator chains!

Connecting links with securing circlips.

Our connecting links always have the same length *l* as the ordinary pins.

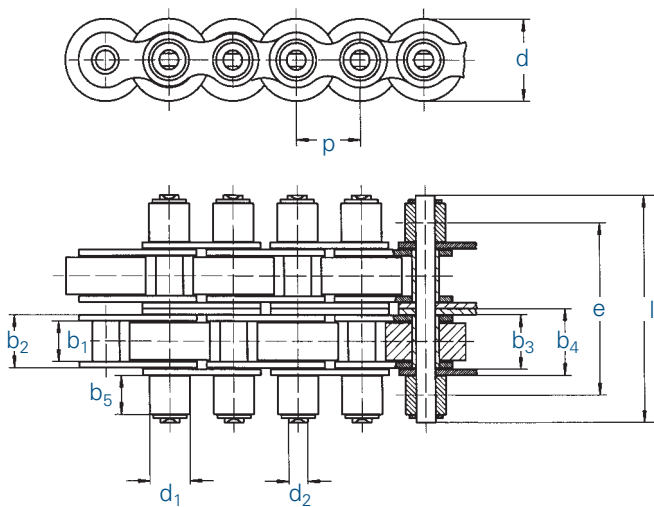
Temperature range: - 30 to 100°C for steel conveyor rollers

- 10 to 60°C for plastic conveyor rollers

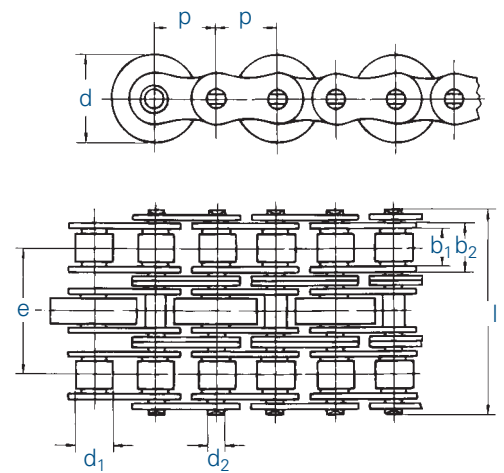
For information on AFS clips for optimal equipment and finger protection see page 59.



Design D



Design T



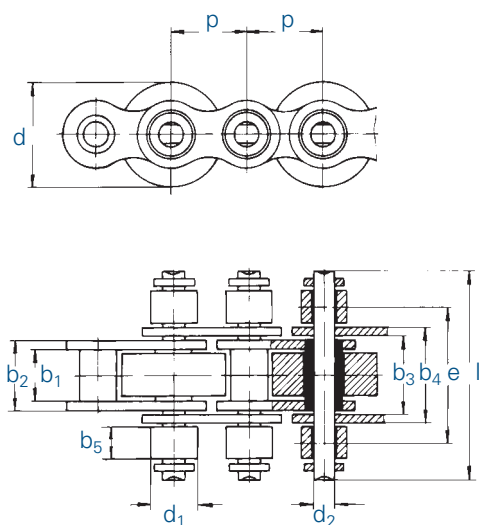
Width over pin Type II	Support roller width	Conveyor rollers						Minimum tensile strength F_B min.	Maximum load per m conveyor chain with 10 m conveyor length	
		Designation for material			Diameter				Steel	Plastic
I max.	b ₅ max.	Steel	PA 6.6	Vestamide	d	Type I d	Type II d			
mm.	mm				mm	mm	mm	kN	kg	kg
40,0	7,5	SF	SFK	SFV	24,0	26,0	28,0	29,0	300	260
-	-	SF	SFK	SFV	38,5	-	-	60,0	600	500
-	-	SF	SFK	SFV	24,0	26,0	28,0	29,0	300	260
-	-	SF	SFK	SFV	38,5	40,0	50,0	60,0	600	500
-	-	SF	SFK	SFV	24,0	26,0	28,0	57,8	600	520
-	-	SF	SFK	SFV	38,5	-	-	120,0	1200	1000
-	-	SF	SFK	SFV	24,0	26,0	28,0	60,0	600	260
-	-	SF	SFK	SFV	38,5	-	-	120,0	1200	500

The load per m applies for 10 m conveyor length per double chain strand. The load may be proportionally increased for shorter chain lengths and must be proportionally decreased for longer conveyor distances: e.g. 5 m conveyor distance = double load, 20 m conveyor distance = half load.

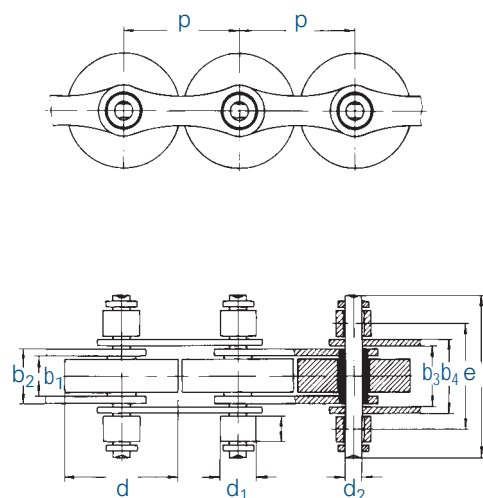
Maximum conveyor distances 25 - 30 m. The installation of guide plates is recommended as of 15 m.



Design E



Double pitch roller chain Design L



Chain	Pitch		Inner width	Inner link width	Width between over outer plates		Support roller \varnothing	Pin \varnothing	Transverse pitch	Plate height	Width over pin	Support roller width	Width over pin type I	Support roller width	
	p	Design			b_3 min.	b_4 max.									d_1
No.	Ind.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
513 SF		19,05	E	11,68	15,62	15,80	20,0	12,00	5,72	31,50	16,1	48,0	11,5	43,0	9,0
548 SF		25,4	E	17,02	25,45	25,81	32,0	15,88	8,28	44,50	21,0	65,0	12,5	-	-
722 SF		38,1	L	11,68	15,62	15,80	20,0	12,00	5,72	31,50	16,1	48,0	11,5	-	-
728 SF		50,8	L	17,02	25,45	25,81	32,0	15,88	8,28	44,50	21,0	65,0	12,5	-	-
D 513 SF		19,05	D	11,68	15,62	15,80	20,0	12,07	5,72	52,00	16,1	68,0	11,5	-	-
D 548 SF		25,4	D	17,02	25,45	25,81	32,0	15,88	8,28	76,76	21,0	97,0	12,5	-	-
T 455 SF	²⁷	9,525	T	5,72	8,53	-	-	6,35	3,28	20,48	8,2	34,0	-	-	-
T 513 SF		19,05	T	11,68	15,62	15,80	20,0	12,07	5,72	38,92	16,1	61,7	-	-	-
T 548 SF		25,4	T	17,02	25,45	25,81	32,0	15,88	8,28	63,76	21,0	99,9	-	-	-

Accumulator chains (stainless steel)

513 SF RF		19,05	E	11,68	15,62	15,80	20,0	12,00	5,72	31,50	16,1	48,0	11,5	43,0	9,0
548 SF RF		25,4	E	17,02	25,45	25,81	32,0	15,88	8,28	44,50	21,0	65,0	12,5	-	-
722 SF RF		38,1	L	11,68	15,62	15,80	20,0	12,00	5,72	31,50	16,1	48,0	11,5	-	-
728 SF RF		50,8	L	17,02	25,45	25,81	32,0	15,88	8,28	44,50	21,0	65,0	12,5	-	-
T 513 SF RF		19,05	T	11,68	15,62	-	-	12,07	5,72	38,92	16,1	61,7	-	-	-
T 548 SF RF		25,4	T	17,02	25,45	-	-	15,88	8,28	63,76	21,0	99,9	-	-	-

²⁷ Different from the drawing: No inner links in the middle strand! Roller width: 8,5 mm.

Sprockets are available for all accumulator chains!

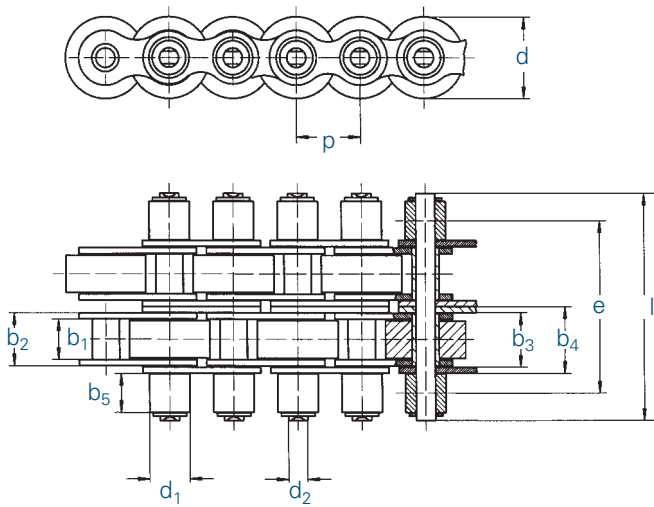
Connecting links with securing circlips.

Our connecting links always have the same length l as the ordinary pins.

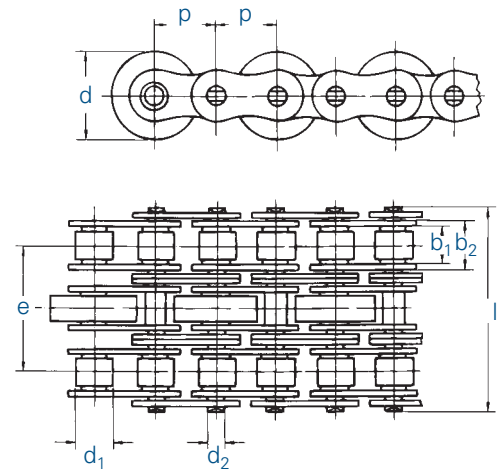
Temperature range: - 30 to 100°C for steel conveyor rollers
 - 10 to 60°C for plastic conveyor rollers



Design D



Design T



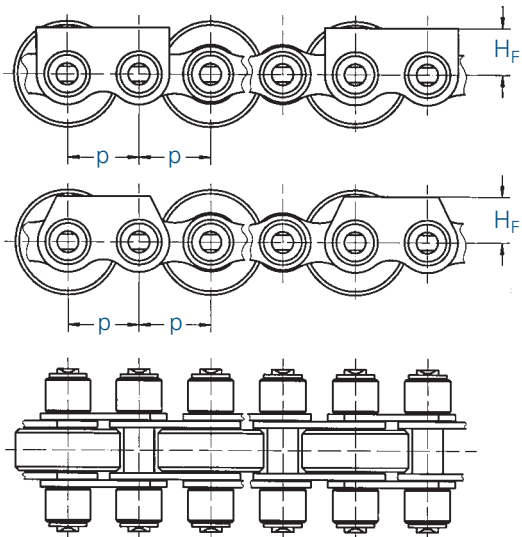
Width over pin type II I max.	Support roller roller b ₅ max.	Conveyor rollers						Minimum tensile strength F _B min.	Maximum load per m conveyor chain with 10 m conveyor length	
		Designation for material			Diameter				Steel	Plastic
mm.	mm	Steel	PA 6.6	Vestamide	d	type I d	type II d	kg	kg	
40,0	7,5	SF	SFK	SFV	24,0	26,0	28,0	300	260	
-	-	SF	SFK	SFV	38,5	-	-	600	500	
-	-	SF	SFK	SFV	24,0	26,0	28,0	300	260	
-	-	SF	SFK	SFV	38,5	40,0	50,0	600	500	
-	-	SF	SFK	SFV	24,0	26,0	28,0	600	520	
-	-	SF	SFK	SFV	38,5	-	-	1200	1000	
-	-	SF	SFK	SFV	9,2	15,0	-	100	100	
-	-	SF	SFK	SFV	24,0	26,0	28,0	600	260	
-	-	SF	SFK	SFV	38,5	-	-	1200	500	

Accumulator chains (stainless steel)

40,0	7,5	SF RF	SFK RF	SFV RF	24,0	26,0	28,0	18,50	200	200
-	-	SF RF	SFK RF	SFV RF	38,5	-	-	40,00	300	300
-	-	SF RF	SFK RF	SFV RF	24,0	26,0	28,0	18,50	200	200
-	-	SF RF	SFK RF	SFV RF	38,5	40,0	50,0	40,00	300	300
-	-	SF RF	SFK RF	SFV RF	24,0	26,0	28,0	31,45	400	400
-	-	SF RF	SFK RF	SFV RF	38,5	-	-	68,00	600	600

The load per m applies for 10 m conveyor distance per double chain strand. The load may be proportionally increased for shorter chain strands and must be proportionally decreased for longer conveyor distances: e.g. 5 m conveyor distance = double load, 20 m conveyor distance = half load.

Maximum conveyor distances 25 - 30 m. The installation of guide plates is recommended as of 15 m (see page 58).



548 SF

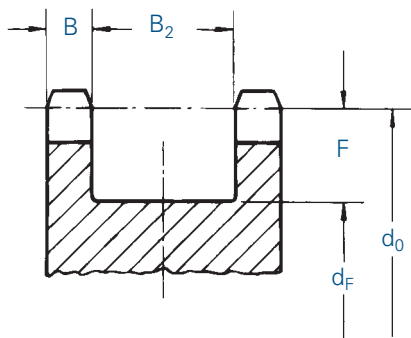
513 SF

The guide plate distance is an even multiple of the pitch, e.g. $T = 4 p$

Chain	p	H _F
No.	mm	mm
513 SF	19,05	12,6 ± 0,1
548 SF	25,40	18,0 ± 0,1

Design with guide plates

AXIAL PROFILE OF SPROCKETS FOR ACCUMULATOR CHAINS



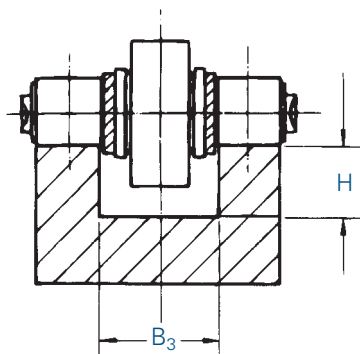
$$d_F = d_0 - 2 F$$

$$F = \frac{d}{2} + 2$$

Chain	B	B ₂	F
No.	mm	mm	mm
T 455	5,2	15,3	8,0
513 SF	10,6	20,8	16,0
D 513 SF	10,6	42,0	16,0
T 513 SF	10,8	28,2	16,0
548 SF	12,0	33,0	22,0
D 548 SF	12,0	66,0	22,0
T 548 SF	15,8	48,0	22,0
722 SF	10,6	20,8	16,0
728 SF	12,0	33,0	27,0

Sprockets are available for all accumulator chains.

CHAIN GUIDE FOR ACCUMULATOR CHAINS



Chain	B ₃	H
No.	mm	mm
513 SF	20,8	15,0
513 SFK	20,8	15,0
D 513 SF	40,5	15,0
548 SF	33,0	20,0
D 548 SF	66,0	20,0
722 SF	20,8	15,0
728 SF	33,0	27,0

Different designs, roller diameters and pin lengths are available on request