

Tournouts with a straight section in the branching direction



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Tramway turnouts are made for right and left branching and can be used as trailing or facing. They are constructed for use in the most demanding conditions of tramway tracks.

They guarantee a high degree of passage safety, quiet function, are ecologically harmless and feature a long lifetime with minimum demands for maintenance.

Securing:

- in cooperation with the facing or trailing direction setting system, an automated or manual resetting of the switch blades into the required direction and thus a safe tramway train passage in the straight or branching direction.

Tournouts with a straight section in the branching direction



Description:

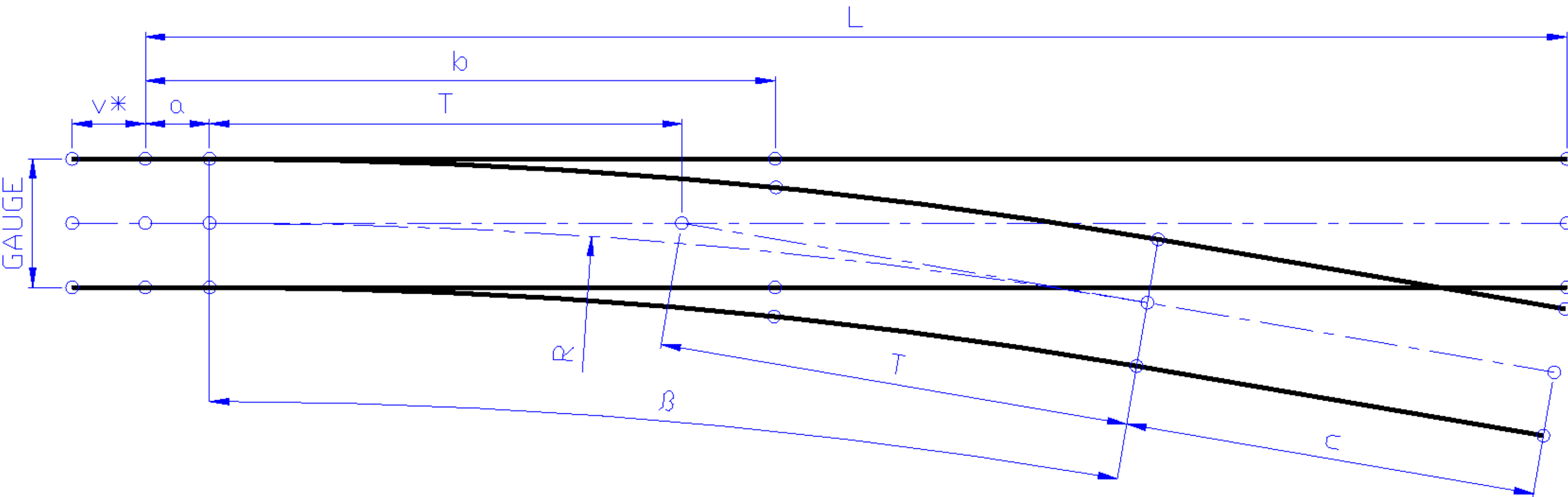
The switches are made of grooved rails of the profile required by the customer (60R2, 60R1, 59R2, 59R1 ...). The switch is a standard construction in accordance with VDV regulations. The grooved part is made of a weldment from the frog (profile 310C1 of quality R220G1 or other required quality) and welded rail parts (full-head rail 73C1, 105C1 of the required quality) with milled height and side ramps. The retaining grooved rails located in the gauge opposite the frog are made of full-head rail 73C1 or the relevant rail required by the customer.

Technical parameters:

- Track gauge: according to the customer's needs (1435, 1000, 1067, 1524mm ...).
- Rail profile: according to the customer's requirement (NT1, 60R2, 60R1, 59R2, 59R1 ...).
- Branching radius: standard R 20, 25, 30, 50, 100 a 150m and or another, depending on the customer's needs.

	1:4		1:6		1:7		1:9	
Rail	60R2, 60R1, 59R2, 59R1		60R2, 60R1, 59R2, 59R1		60R2, 60R1, 59R2, 59R1		60R2, 60R1, 59R2, 59R1	
Gauge	1000	1435	1000	1435	1000	1435	1000	1435
R	25 m	25 m	50 m	50 m	100 m	100 m	150 m	150 m
L	9640	11406	12372	15000	16439	19500	19465	23650
v *	500	500	350	350	200	200	0	0
β	14° 02' 10"	14° 02' 10"	9° 27' 44"	9° 27' 44"	8° 07' 48"	8° 07' 48"	6° 20' 24,7"	6° 20' 24,7"
	15,5958 g	15,5958 g	10,5137 g	10,5137 g	9,0334 g	9,0334 g	7,0447 g	7,0447 g
a	500	500	0	0	0	0	0	0
b	4500	4500	5000	5000	7000	7000	8500	8500
c	2984	4750	4096	6724	2225	5286	3149	7034
T	3078	3078	4138	4138	7107	7107	8308	8308

v * is only in case of using electric heating according VDV



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