

Switches with a curved section in the curved branch line

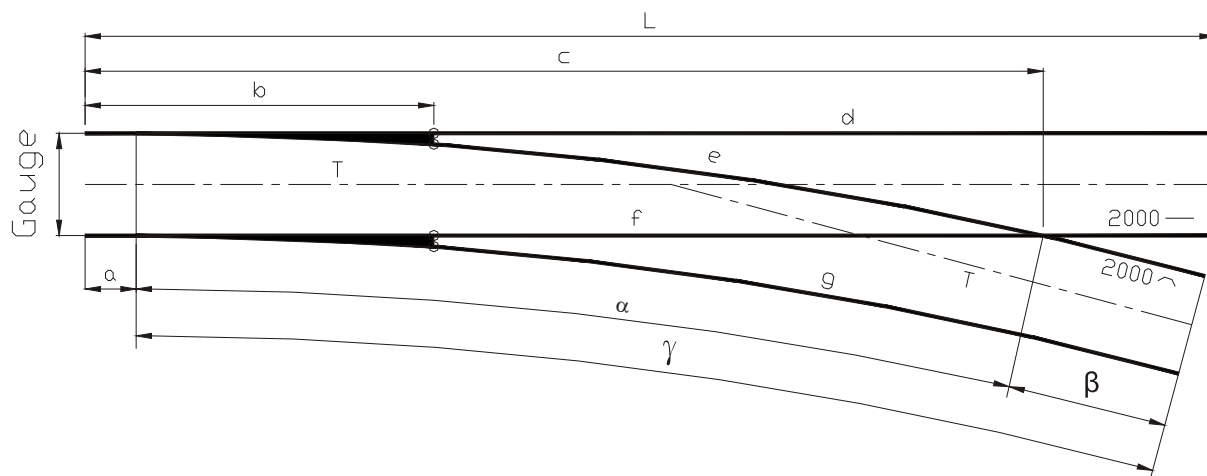
Tramway curved switches are produced as right or left switches and can be used as facing or trailing. They are constructed for use in the most demanding conditions of tramway tracks. They guarantee a high degree of passage safety, quiet function, are ecologically harmless and feature a long lifetime with minimum demands for maintenance.



Securing:

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

Switches with a curved section in the curved branch line



	R = 20 m		R = 25 m		R = 30 m		R = 50 m		R = 100 m		R = 150 m	
Rail	Ri59, Ri59N, Ri60, Ri60N	Ri60N	Ri59, Ri59N, Ri60, Ri60N	Ri60N	Ri59, Ri59N, Ri60, Ri60N	Ri60N	Ri59, Ri59N, Ri60, Ri60N	Ri60N	Ri59, Ri59N, Ri60, Ri60N	Ri60N	Ri59, Ri59N, Ri60, Ri60N	Ri60N
Gauge	1,000	1,435	1,000	1,435	1,000	1,435	1,000	1,435	1,000	1,435	1,000	1,435
L	8,825	10,076	9,571	10,970	9,746	11,279	12,000	13,979	16,142	18,941	19,320	22,748
v *	500	500	500	500	500	500	350	350	2,00	200	0	0
α	7° 58' 11.2"	1° 27' 01.2"	6° 05' 56.2"	9° 13' 49.6"	14° 42' 44"	17° 35' 56"	1° 25' 16.3"	3° 39' 43.1"	3° 05' 21.7"	9° 41' 00"	6° 36' 31"	7° 54' 46"
	19.96642 g	23.8337 g	17.88771 g	21.36716 g	16.3470 g	19.5359 g	12.69022 g	15.17997 g	8.98818 g	10.75926 g	7.3429 g	8.7919 g
β	5° 35' 23.4"	5° 31' 52.1"	4° 29' 37.6"	4° 27' 21"	3° 45' 25.6"	3° 43' 49.8"	2° 16' 08.9"	2° 15' 33.9"	1° 08' 24.8"	1° 08' 16"	0° 45' 41"	0° 45' 37"
	13.0589 g	13.2062 g	4.99309 g	4.95093 g	4.17456 g	4.1450 g	6.4305 g	6.4589 g	4.4787 g	4.4885 g	0.8460 g	0.8448 g
γ	3° 33' 34.6"	6° 58' 53.3"	0° 35' 33.8"	3° 41' 10.6"	18° 28' 12"	21° 18' 48"	3° 41' 25.2"	15° 55' 17"	9° 13' 46.5"	10° 49' 16"	7° 22' 12"	8° 40' 23"
	13.0589 g	13.2062 g	22.88080 g	26.31809 g	20.5223 g	23.6816 g	6.4305 g	6.4589 g	4.4787 g	4.4885 g	8.1889 g	9.6367 g
a	500	500	500	500	0	0	0	0	0	0	0	0
b	4,500	4,500	4,500	4,500	4,000	4,000	5,000	5,000	7,000	7,000	8,500	8,500
c	6,825	8,076	7,571	8,970	7,746	9,279	10,000	11,979	14,142	16,941	17,320	20,748
d	4,325	5,576	5,071	6,470	5,746	7,279	7,000	8,979	9,142	11,941	10,820	14,248
e	2,430	3,756	3,165	4,632	3,831	4,526	5,067	7,093	7,189	10,022	8,859	12,315
f	2,325	3,576	3,071	4,470	3,746	5,279	5,000	6,979	7,142	9,941	8,820	12,248
g	4,018	5,080	4,805	6,038	5,509	6,892	6,828	8,695	9,028	11,751	10,730	14,097
T	4,171	4,798	4,542	5,242	4,878	5,645	6,002	6,992	8,072	9,471	9,661	11,375

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

Description:

The switches are made of groove rails of the profile required by the consumer (Ri60, Ri60N, Ri59, Ri59N, Ph37, NP4 etc.). The turnout is a standard construction meeting the VDV requirements. The frog section is formed by a weld from the frog (section Bl 180/260 of quality UIC 800) and welded rail parts (face rail VKRi60 of quality UIC 800) with machined vertical and side faces. Holding tramway rails placed in the track gauge against the frog are produced either as face rails VKRi60 of quality UIC 800 or from the corresponding rail required by the consumer with grooves pressed under the press.

Technical parameters:

track gauge according to customer's needs
(1,435, 1,000, 1,600, 1,524 mm etc.)
rail profile according to the customer's requirements
(Ri60, Ri60N, Ri59, Ri59N, Ph37, NP4 etc.)
branching radius standard is 20 m, 25 m, 30 m, 50 m, 100 m and 150 m or according to the customer's needs