

## Gauntlet tramway switches



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Tramway gauntlet switches are manufactured as symmetrical or for right or left turns and can be used as facing or trailing switches. They are designed for use even in the most demanding conditions of tram lines.

They guarantee a high level of safety of passage, quiet operation, environmental friendliness and long-term service life with minimal maintenance requirements.

### 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,
- the switch construction enables the use of modern, unified setting devices with the setting and checking rod.

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# Gauntlet tramway switches



## Application:

Gauntlet tramway switches are used to switch tram sets to the appropriate branch at a certain required distance before the actual track branch. The axial distance of the running edges of both branches at the end of the switch is 129mm for a symmetrical switching point (symmetrically distributed from the original straight line) and 120mm for a right and left switch. The switch is followed by an arbitrarily long section with this given axial distance.

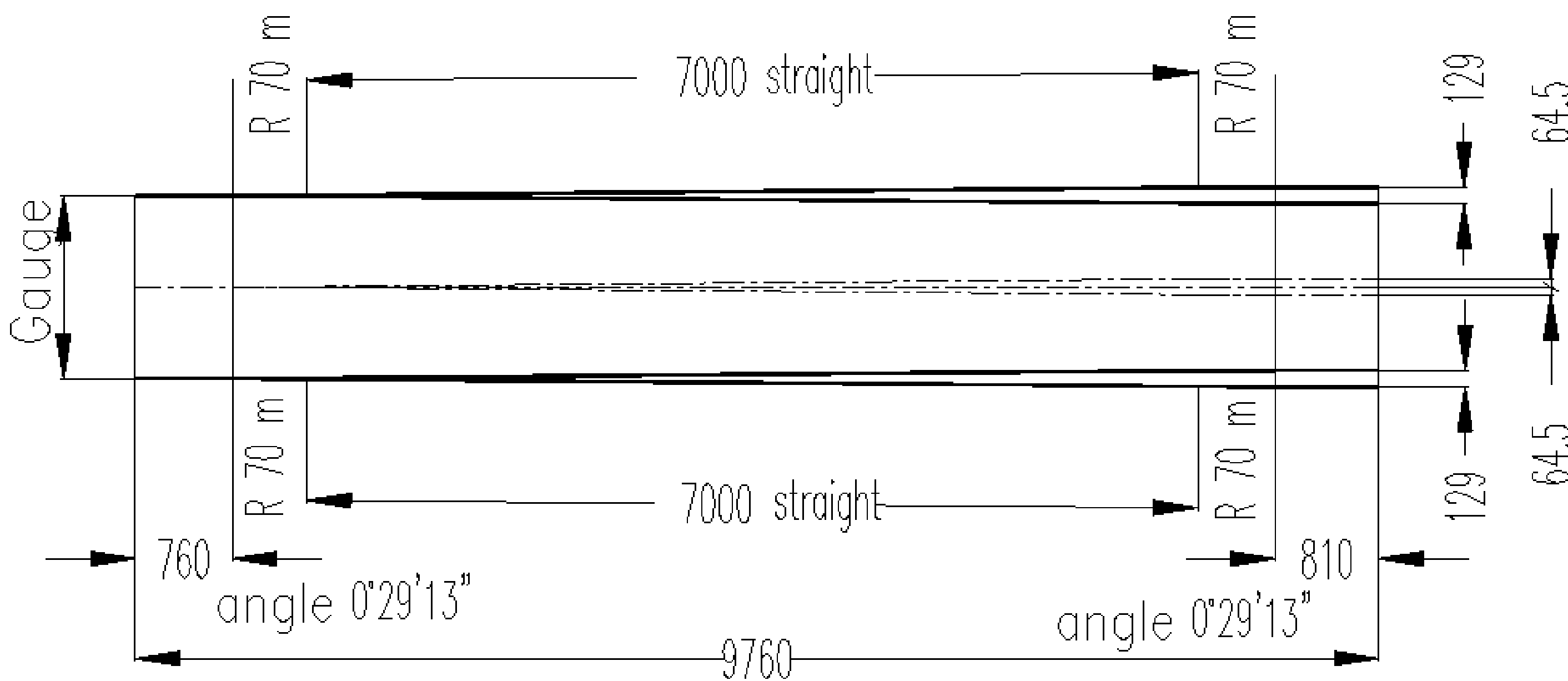
## Description:

The gauntlet switches are manufactured for the profile of grooved rails required by the customer (NT1, 60R2, 60R1, 59R2, 59R1 ...). Each switch consists of two half switches set to the required gauge using spacers. The basis of the half switch is a weldment made of block quality steel R260 (R260V, other grades if applicable) with full head rails NT (73C1, or rails of a different profile); recesses for the changeable blades and corresponding groove courses are milled in the weldment on CNC machining centers. The changeable blades are made of rail material and are fixed in the switch with a self-locking wedge. The fixing self-locking wedge is secured against accidental loosening by a screw connection. The switch is either welded to a 16mm thick base plate, with which the switch is then attached to the sleepers, or its installation height is the same as the height of the rail. Both half switches are heated by heaters that are screwed to the side of the block switch, are replaceable and are housed in a stainless steel protector for easy replacement.

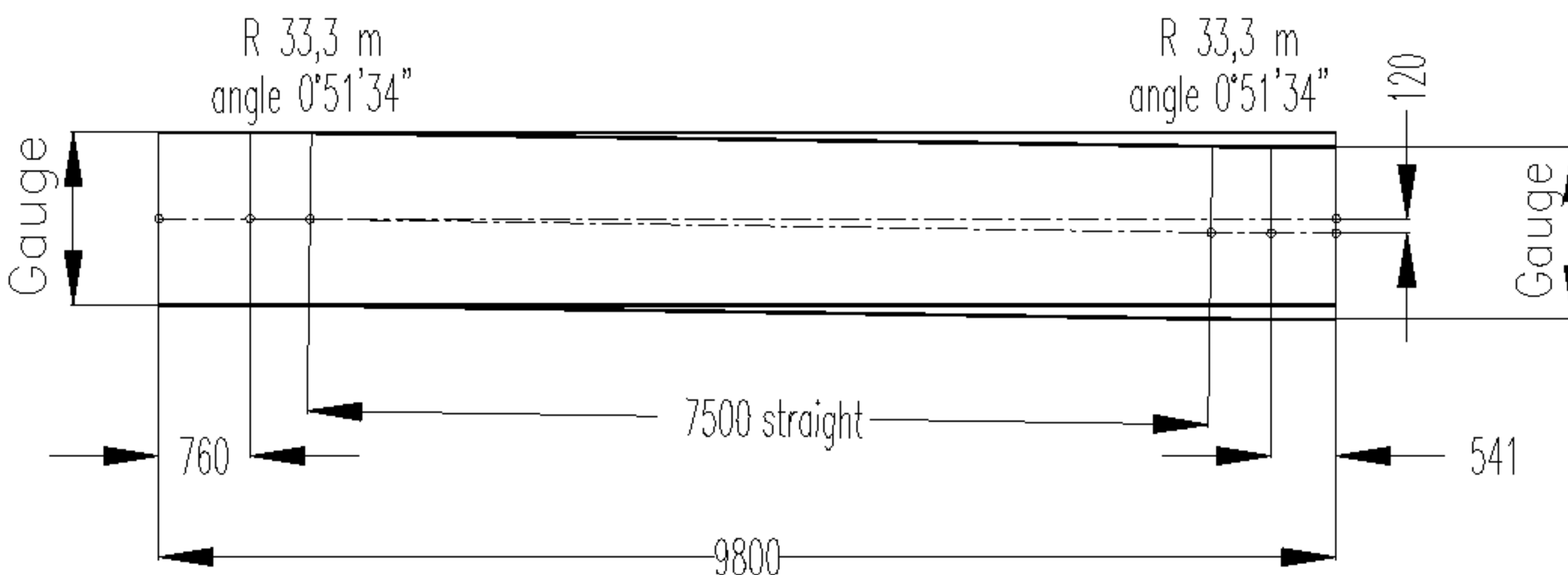
## Technical parameters:

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 ...).

### SYMMETRICAL GAUNTLET SWITCH



### GAUNTLET SWITCH RIGHT OR LEFT HANDED



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