

Stop-logs in Stainless Steel



Profile:	<i>Special Sections</i>
Material grade:	<i>304L & 316L</i>
Execution:	<i>Laser fused</i>
Industry served:	<i>Water treatment</i>
Destination:	<i>worldwide</i>

Montanstahl produces stainless steel stop-logs.

Stop-logs are used to control water levels in floodgates or the water flow in a river, canal or reservoir also control system for fresh water conduction are equipped with stop-logs, and due to corrosion factors, these are generally made in stainless steel. Montanstahl is specialized in producing them in austenitic stainless steel, either in 304L (1.4307) or 316L (1.4404), but the use of different higher alloy stainless steels or duplex steels is possible as well.

In general there is no standard product. Our stop-logs are tailored and produced according to the application's requirements, so there might be the most heterogeneous sections and sizes. These will vary from channels, with equal or even unequal legs, to T-sections with two webs, or even omega-profiles to custom-designed sections. However there is one common characteristic that distinguishes all our stop-logs from others: the sharp edges.

Montanstahl does produce stop-logs with the laser fusion technology, where the raw material is made of flat bars that are fused together to the desired shape. This allows to produce very clean and precise corners. In addition to this the beads produced by our laser fusion technology are minimal with a radius smaller than 2mm.

Compared to press-brake or hot rolled executions where the radius is generally at least the double of the chosen material thickness, the sharp edge will make a substantial difference.

The minimal corner radii will grant a higher degree of tightness and no water will leak. This has as consequence a significant reduction in water dispersion, with important savings.

