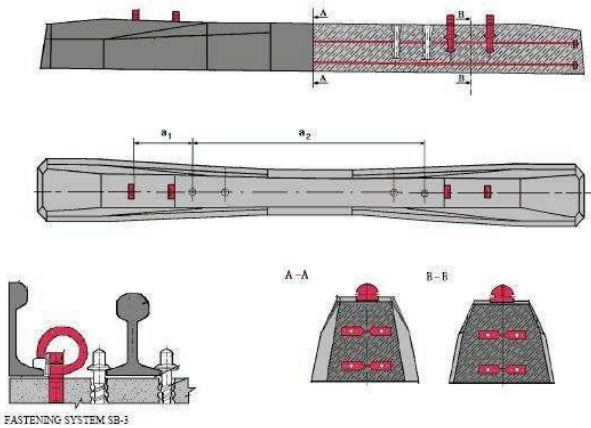


## TRACK SLEEPERS

Standard elements:	Typs:												
 <p>FASTENING SYSTEM SB-3</p>	<p><b>PS-94 M</b></p> <p><b>DIMENSIONS</b>  Total length of sleeper 2600 mm  Width of the sleeper at the bottom rail seat 300 mm  Width of the sleeper at the top rail seat 160 mm  Total height of the sleeper to the top of the rail seat 230 mm  Width of track 1435 mm  Remark: dimensions <math>a_1</math> and <math>a_2</math> are various and depend on the number of sleeper</p> <p><b>TECHNICAL DATA</b></p> <table> <tr> <td>Nominal axel load</td><td>225 kN</td></tr> <tr> <td>Maximum speed</td><td>250 km/h</td></tr> <tr> <td>Mass of the sleeper</td><td>330 kg</td></tr> <tr> <td>Inclination of the rail seat</td><td>1:40</td></tr> <tr> <td>Type of rail</td><td>60E1 (UIC 60) or 49E1 (S49)</td></tr> <tr> <td>Fastening system</td><td>SB3</td></tr> </table>	Nominal axel load	225 kN	Maximum speed	250 km/h	Mass of the sleeper	330 kg	Inclination of the rail seat	1:40	Type of rail	60E1 (UIC 60) or 49E1 (S49)	Fastening system	SB3
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### Design and installation guide line:

The bridge and check rail sleeper of PS-94M is adopted for the rail width of 1435 mm. It is produced in two versions: one for the rail of 60E1 type and the other for the rail of 49E1 type by the appliance of the spring SB3 type fastening system of the rail into the sleeper.

Example:	References and contacts:
	<p>Installed since 1994 at the main railway line networks and at the high priority lines which are in the management on Polish State Railway (PKP) companies.</p> <p>Manufactured by:  WPS S.A. Mirosław Ujski POLAND  <a href="mailto:wps@wps-sa.com.pl">wps@wps-sa.com.pl</a></p>