

Measurement instruments for bumpers.

- Measuring the distance between two bumpers axes
- Measuring the distance between the bumper axis and the upper surface of the rail head.
- Wear measurements of bumper's shield



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An instrument for measuring the **distance between bumpers axes.**



Proven measuring instrument used for the rail vehicles maintenance, offered in a mechanical or electronic version.

The instrument is designed for:

- measuring the distance between two bumpers axes.

Basic technical parameters:

- measurement range: 1700 - 1780 mm,
- accuracy: 1 mm,
- the instrument is based on the top of the bumpers bushing.

Basic characteristics:

- handy,
- durable.

An instrument for measuring the distance **the bumper axis and rail head.**

Proven measuring instrument used for the rail vehicles maintenance, offered in a mechanical or electronic version.



The instrument is designed for:

- measuring the distance between the bumper axis and the upper surface of the rail head.

Basic technical parameters:

- measurement range: 920 - 1100 mm,
- accuracy: 1 mm,
- the instrument is based on the upper surface of the rail head.

Basic characteristics:

- handy,
- durable.

A bumper shield wear measuring instrument.

Proven measuring instrument used for the rail vehicles maintenance, offered in a mechanical or electronic version.



The instrument is designed for:

- wear measurements of convex bumper's shield with curvature radius $R_u = 1500$ mm and $R_u = 2750$ mm,
- wear measurements of bumper's shield: round, truncated, rectangular.

Basic technical parameters:

- the diameter of the round bumper: 375 - 560 mm,
- the diameter of the truncated and rectangular bumper: 400 - 560 mm,
- accuracy: 0,1 mm,
- the instrument is based on the edge and the frontal area of the bumper.

Basic characteristics:

- handy,
- durable,
- accurate.