

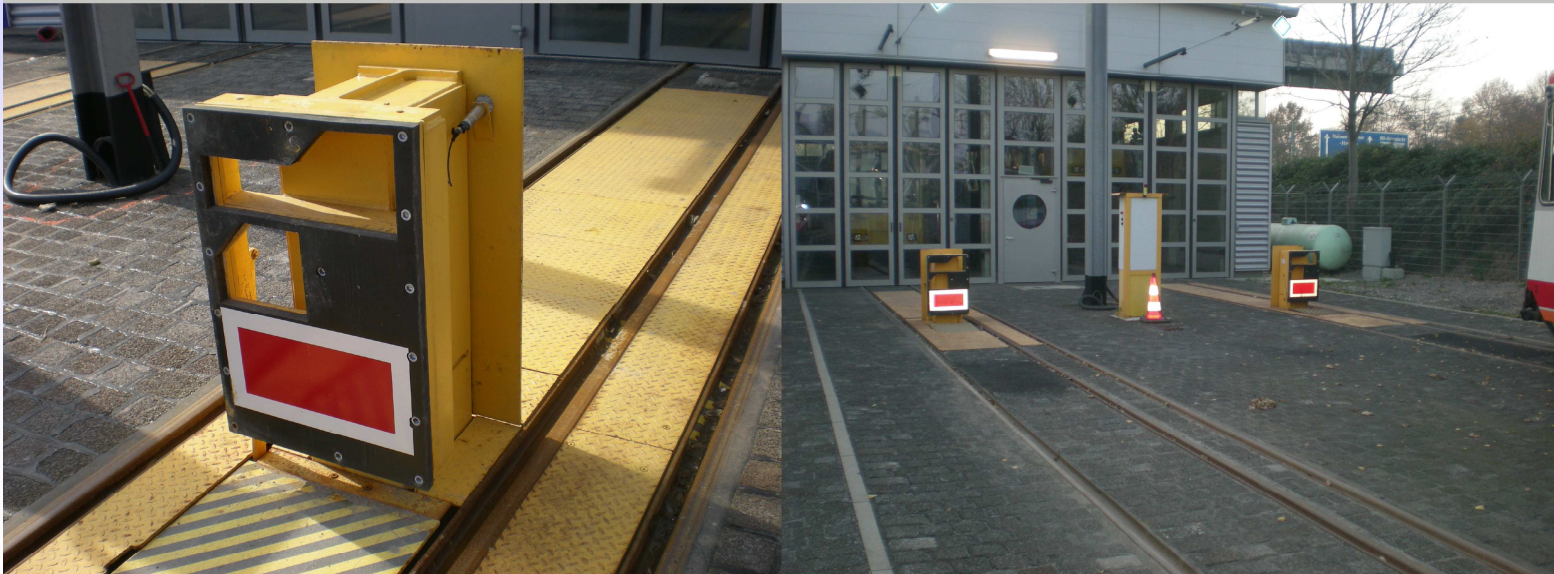


Rail end blocks for standard-gauge railways, city railways, metros,
subways and suburban railway

Buffer stops, brake-shoes, derailing stops, crane runway buffer stops

Delivery, installation

Reconditioning, maintenance, spare parts service, calculations, project planning.



 **KLOSE**[®] GmbH
Train Stop Systems

Special designs



 **KLOSE**[®] GmbH
Train Stop Systems

Standard designs
DB-main station Frankfurt am Main

The Company

☒ Klose GmbH was established on the 1st of March, 2005 in Westerkappeln. Their business field includes the design, planning and calculation of rail end blocks, including delivery and installation, as well as the preparation and maintenance of existing constructions.



☒ The new patented buffer stop designs have been tested by DB AG in accordance with the latest regulations and correspondingly approved by the Federal Railway Authority. The mostly standardised designs have been developed on the basis of the owner's more than 20 years of experience in the field of railway and rail end block technology.

Certificate of DIN EN ISO 9001

Optimized applications for users

Our new designs represent the advanced development of proven technology, opening up optimised applications for the user, amongst others with:

- ☒ New braking elements: Clamping force detection without dynamometric key; also retrofittable for older designs
- ☒ Low installation, maintenance and repair costs
- ☒ Additional brakes can be optionally fitted on the tracks or on brake rails arranged in the tracks
- ☒ Possibility to optionally use hydraulic buffer systems
- ☒ The standardised designs have been technically tested by DB AG and approved by the Federal Railway Authority
- ☒ The use and implementation of all previous designs, as for instance also the tractive sleeper type buffer stops, are possible

Portfolio

Buffer stops

Rigid buffer stops



Rigid buffer stop in short design in locomotive holding sidings



Rigid buffer stop with hydraulic buffer system



Rigid buffer stop for city railways, designed for vehicles equipped with BSI coupling

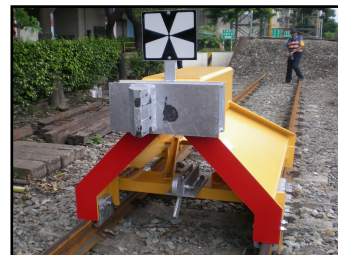


Rigid buffer stop with braking buffer system for trains with side buffer

Braking buffer stops



Braking buffer stop with anti climber



Braking buffer stop for trains with AAR couplings



Braking buffer stop with hydraulic buffer system



Friction buffer stop in depot for metro trains, designed for impacts by centre coupler and anti climbers.

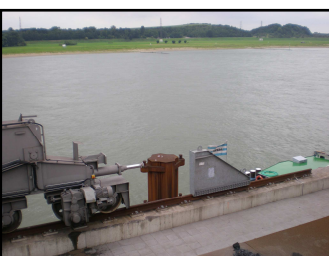
Crane runway buffer stops



Crane end stop to be clamped on a crane track



Crane end stop with hydraulic buffer.



Crane end stop without buffer.



Crane end stop with cell buffer.

Scotch blocks

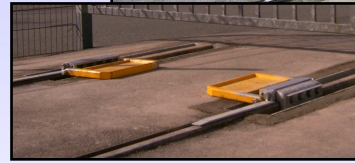
Brake-shoes



Brake-shoe in standart design.



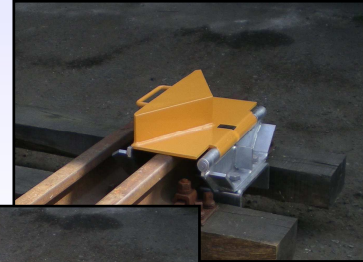
Cross-over design brake-shoe with manual hinged collision block.



Derailer



Derailer, manually operating. Designed to throw out to both sides. Executable with keylocks dependence on key; Track obstruction signal; with protection box and drive.



Special designs



Special design for use in curved tracks.



Hinged and cross-over design of the buffer stops and scotch blocks



Special design hydraulic buffer stop on an existing rigid buffer stop for city railway cars

Designs on customer requirements



Identification markers for main points of curve and main points of gradient



Switches fouling point, cross-over, rustproof design



Endloading platforms, without and with bufferstop systems



Stopping distance barrier



Services

Delivery & installation

- Each buffer block is preassembled ready for installation, except for the guide claws and brake elements, which need to be fitted once the block is positioned on the track.

World wide service

Reconditioning, Maintenance & spare parts service

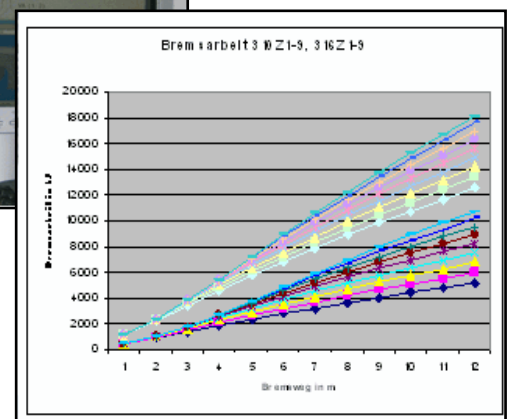
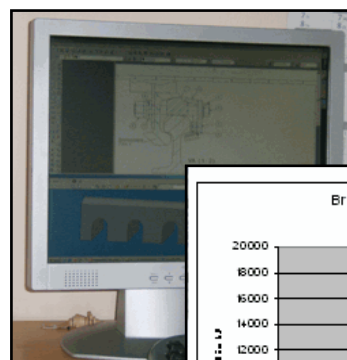
- Reconditioning of existing rail end blocks and the delivery of spare parts for own reconditioning are possible both for the older and for the newer designs.

Rail end blocks are safety devices used in the railway industry. They can only function as intended when in perfect condition.



Calculation & project planning

- The required calculations and planning for dimensioning and design of rail end blocks are carried out in our company. They are based on the design approvals of the Federal Railway Authority and the attendant technical agreements on our standardised rigid and braking buffer stops in cooperation with the specialist department of DB AG.



- Weiße Leer Seite



bufferstops for standard and special trains

We look forward to your call –
and to new challenges!
Please feel free to contact us
we would be glad to answer you
promptly.

Klose GmbH

Helmut.Klose@klosegmbh.de

www.klosegmbh.de

Telephone: +49 5451/ 50592-0

Telefax: +49 5451/ 50592-10

Registry Court: District Court Steinfurt
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