

LINSINGER Rail Milling on Rail Transit Lines

Since several years the conventional Rail Grinding technology had been the standard rail profiling technology for most of all Railway Organisations and Rail Transit Lines world-wide.

As no other or better Rail Profiling Technology was available the Railway and Rail Transit customers had to accept the negative and risky points of this rail profiling technology.

Most of the negative points refer to high risk of fire during operation, environmental pollution and quality problems in the area of accuracy, surface quality and sustainability.

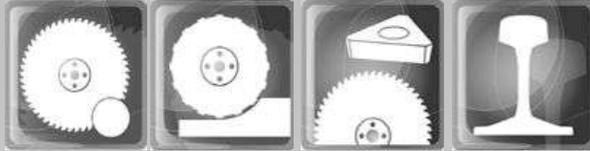
This means that the improper use of rotating grinding systems involves the appearance of a problem which normally should be removed - the corrugation phenomena.

This presentation will report the positive results of the most suitable technology for Rail Transit Lines

The Linsinger Rail Milling Technology

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Austria



Linsinger round the world



LINSINGER provides:

SAWING TECHNOLOGY

RAIL TECHNOLOGY

MILLING TECHNOLOGY

SERVICE AND TOOLS

LINSINGER serves:

Tube Mills

Forging

Rail Processing

Automotive

Shipbuilding

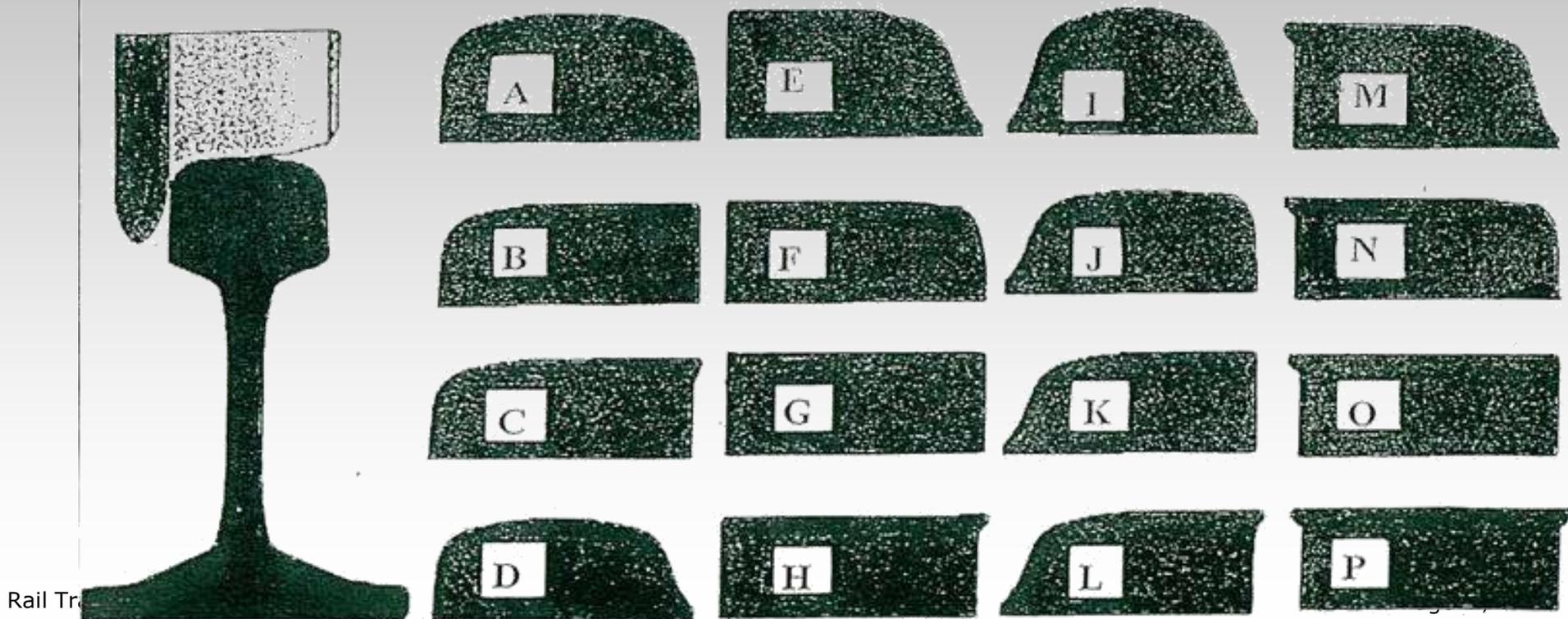
Non-Ferrous



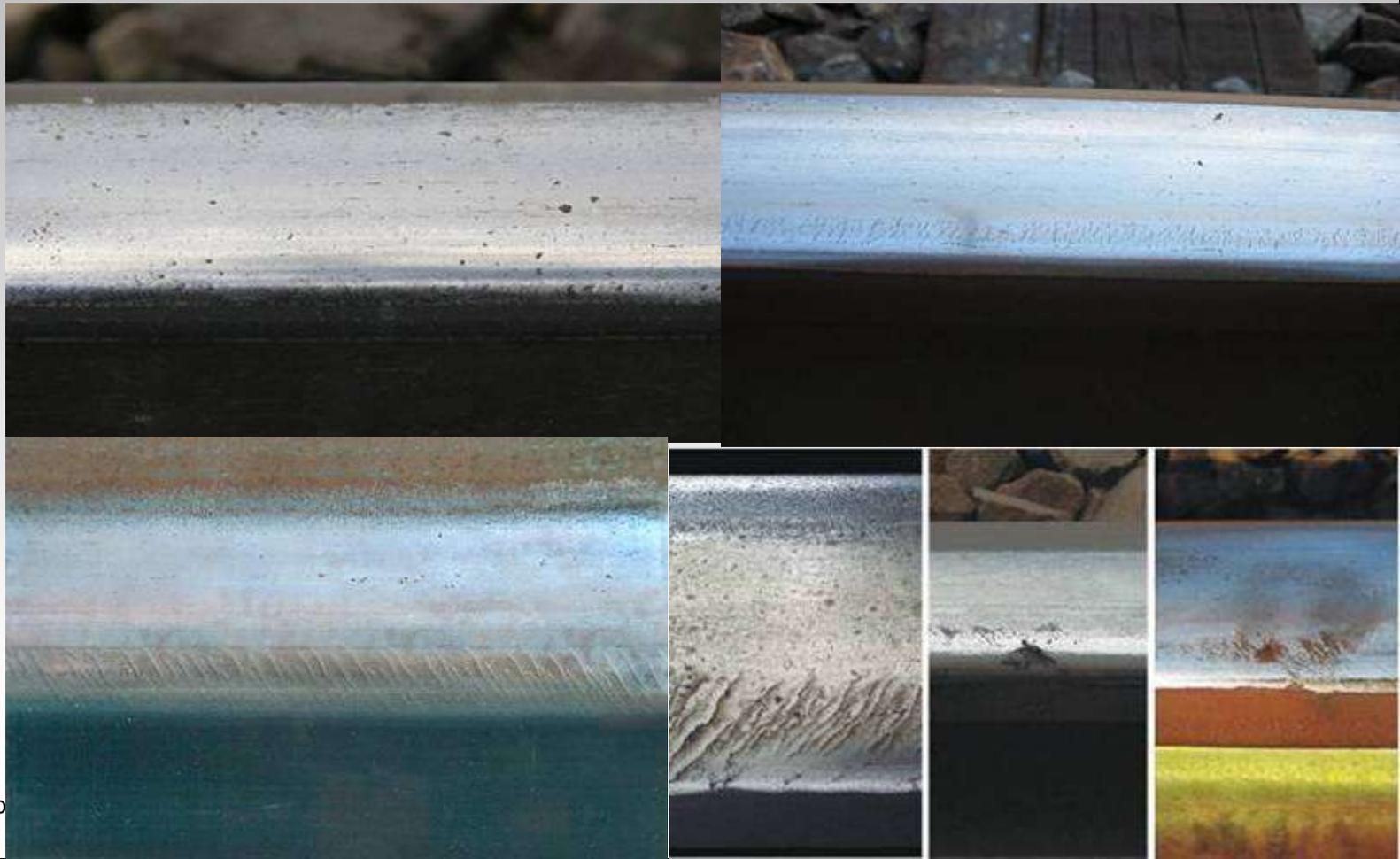
ADVANTAGES
OF THE
LINSINGER RAIL MILLING
TECHNOLOGY
ON TRANSIT LINES

BASIC – PROFILES RAIL – GRINDING

In the reality the following worn-profiles can be categorized:



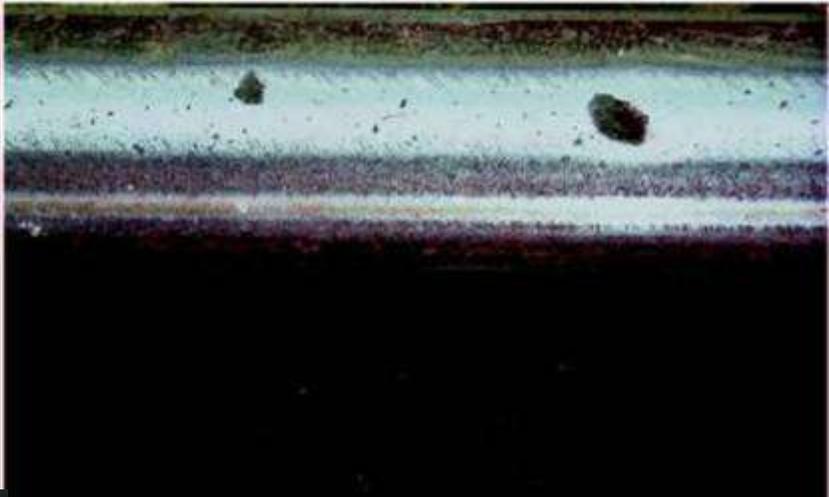
RAIL HEAD SURFACE DEFECTS



RAIL HEAD SURFACE DEFECTS



RAIL HEAD SURFACE DEFECTS



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HEADCHECKS

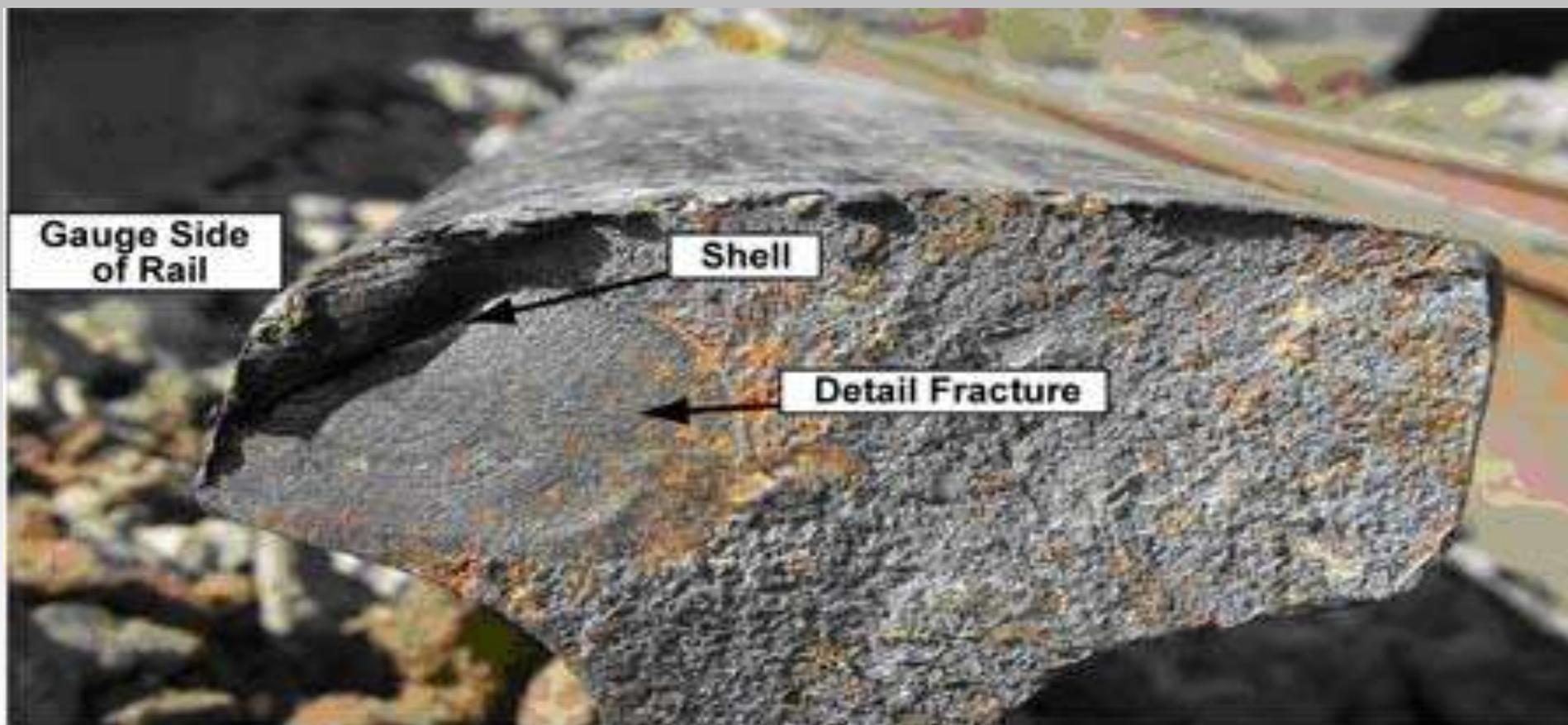


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HEADCHECKS



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Rail Transit Seminar, Chicago

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Austria



Rail Transit Seminar, Chicago







LINSINGER RAIL MILLING



NO RISK OF FIRE

~~NO BLENDING~~



NO DUST AND DIRT



CLEAN AND SAFE OPERATION WITH NO RISKS



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MILLING in Operation



RAIL MILLING VEHICLES

SFO2T-FS



SFO3-FFS



SFO2-FS TRUCK



SFO6-FFS PLUS

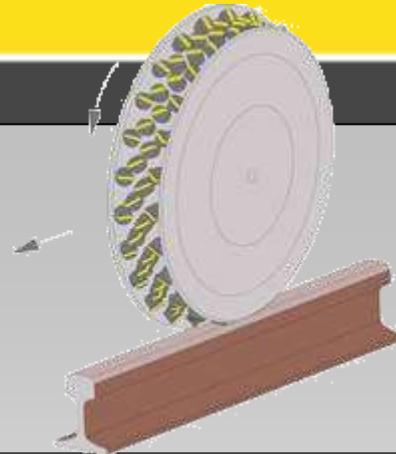
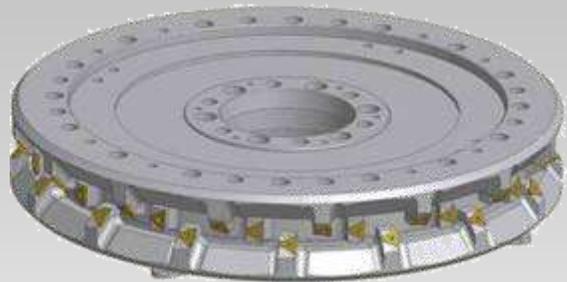


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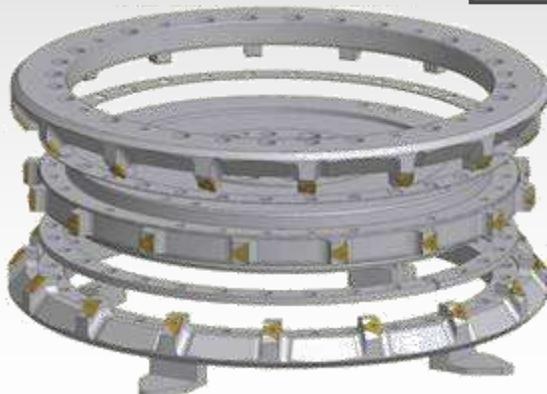
RAIL MILLING Train MG 31



CUTTERHEAD

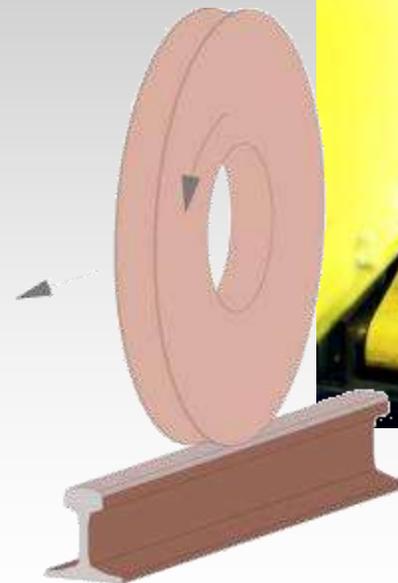
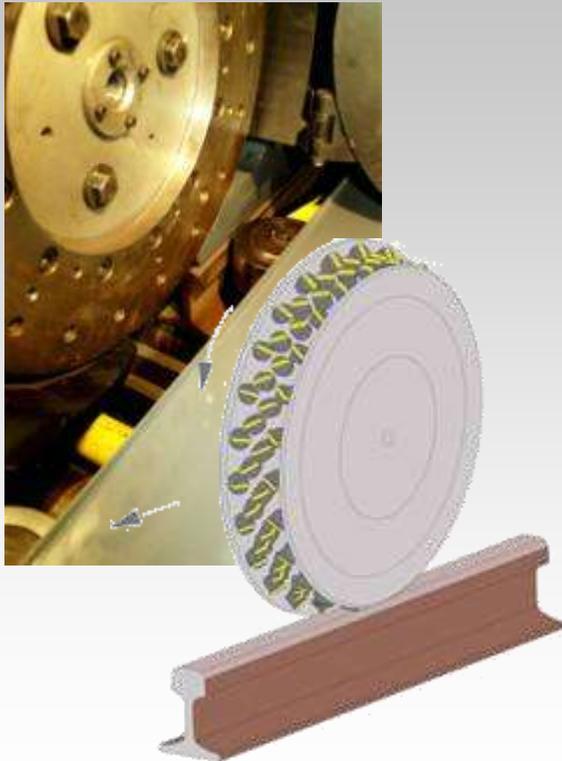


LINSINGER DEVELOPS AND
PRODUCES ITS OWN TOOLS FOR ALL
LINSINGER MILLING MACHINES AND
SUPPLIES THE CUTTING TOOLS TO THE
MACHINE OPERATORS.



Cutterhead

Grinding wheel



THE RAIL MILLING TECHNOLOGY CONSISTS OF TWO MAIN



MILLING UNIT



GRINDING UNIT



FOR APPLICATION IN ALL RAILWAY NETWORKS



FOR METRO AND TRANSIT LINE APPLICATION



FOR METRO AND TRANSIT LINE APPLICATION



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LINSINGER RAIL MILLING

FOR METRO AND TRANSIT LINE APPLICATION



FOR METRO AND TRANSIT LINE APPLICATION



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RAIL ROAD TRUCK



RAIL CONDITION AFTER
1 MILLING/GRINDING PASS

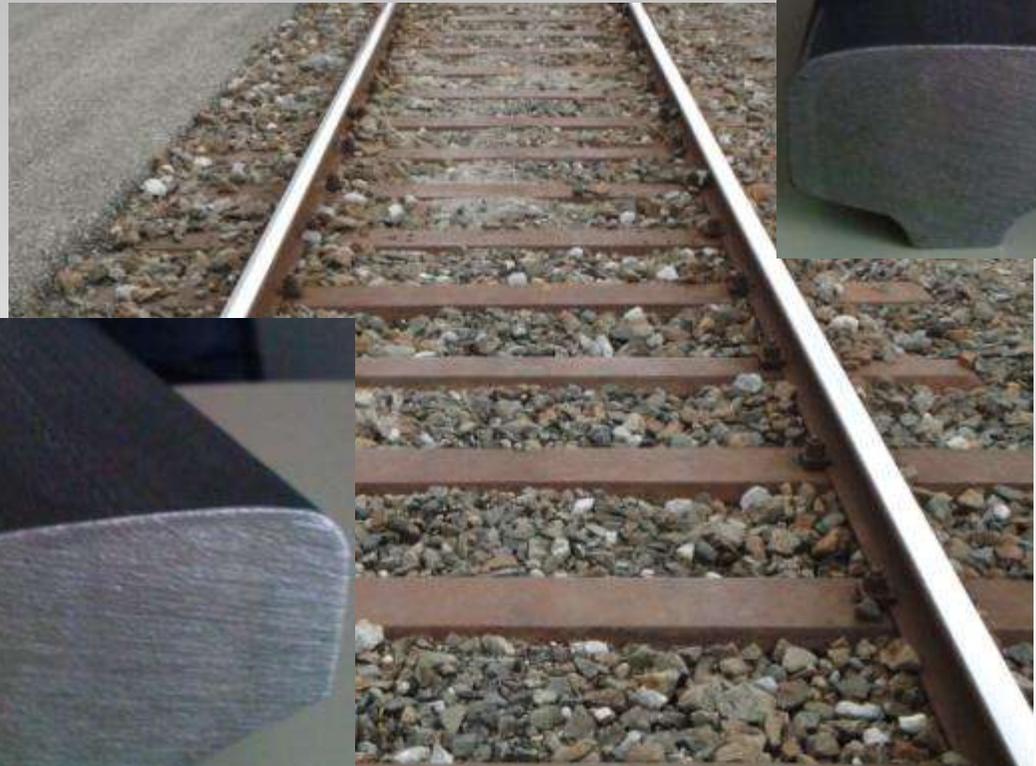


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NO RESIDUES ON TRACK
By LINSINGER MILLING

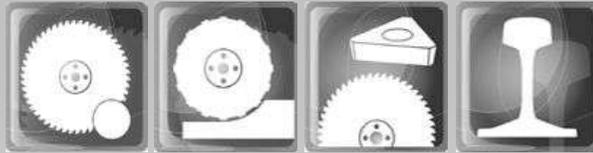












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Company is located in the Centre of Europe in Austria between Salzburg and Linz in the beautiful Salzkammergut!

Visit us ! See how we built machines ! Inspect how we operate them !



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