

RAILWAY



Industry



TaeguTec has developed its tooling technology to support the manufacture of components for the railway industry. Regarded as a main artery in the logistics industry for most global economies, the global railway industry has an exceptionally large demand for manufactured components.

The machining of new rails, crossing rails and wheels plus the re-shaping of worn wheels and the re-profiling of worn rails gives the industry a huge demand for a diverse range of shaped tools for a variety of profiles.

TaeguTec provides this diverse range of tools as standard or tailor-made products to suit the necessary working conditions.

Railway INDUSTRY



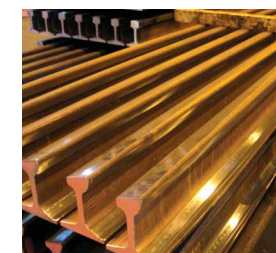
Express Solutions for the Railway Industry

Have you ever contacted TaeguTec regarding your rail track and wheel machining problems?

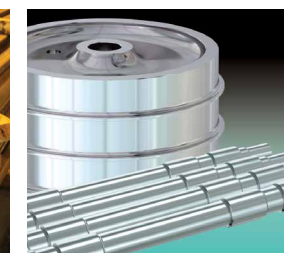
TaeguTec's total tooling service provides a complete service from tool design and production through to customer supply and support. In order to supply tooling for the numerous machining applications, TaeguTec offers standard and tailor-made tooling solutions for the railway industry. To find out more, give your local representative a call now.



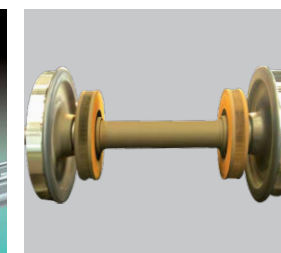
Main Parts



Rails



Wheels & Axles



Wheel Re-profiling

Rails

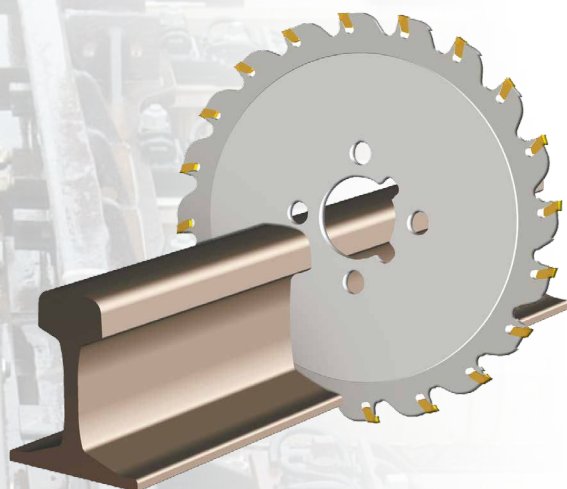
Form Profile Milling

A variety of form profiling cutters and inserts are available for rail machining with extreme strength and reliability for rough machining

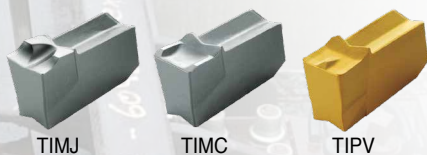
For top & side milling



- ① Top face milling
- ② Bending point edge milling
- ③ Contact edge milling



For sawing



TIMJ

TIMC

TIPV

For rail re-profiling

TaeguTec supplies the cutters and inserts for re-profiling rails with tailor made solutions for rail machining

- ⑤ Side slotting
- ⑦ Bottom contact facing milling



For wheel face milling



- ④ Form machining for wheel face of rails



Drilling

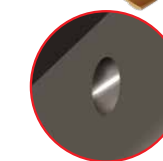
Drilling solutions for the railway industry

Insert type drills for machining bolt holes that connect the rails

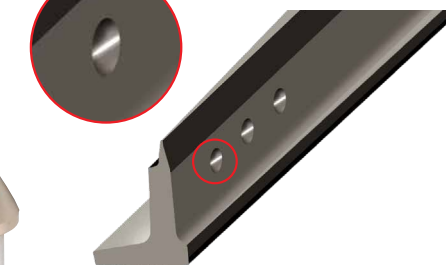


TOPDRILL

T-DRILL



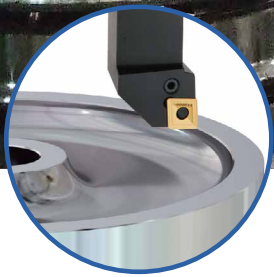
DRILL-RUSH



- ⑥ Connecting hole drilling



Wheels



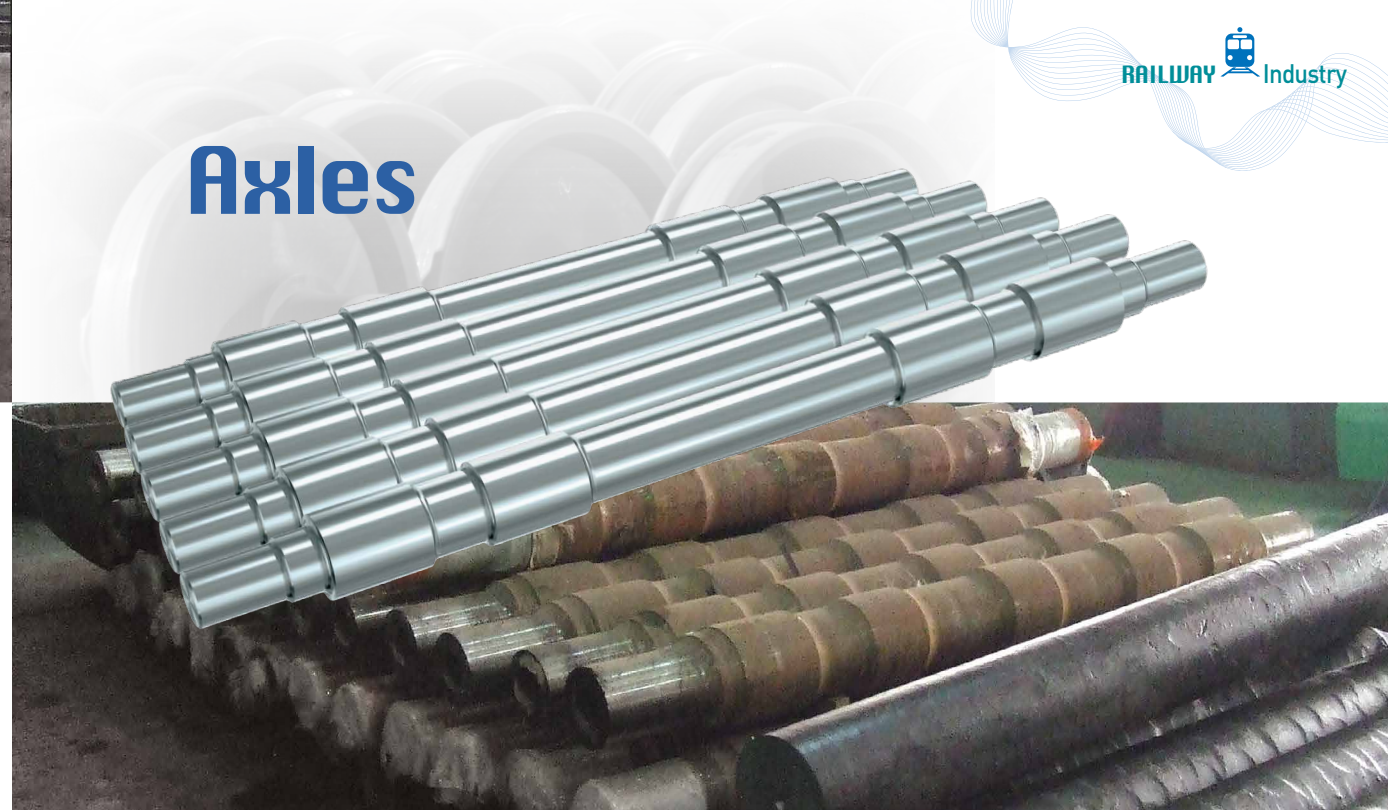
Turning

Turning solutions for the railway industry

TaeguTec can provide tooling solutions for wheel profiling and axle machining with standard insert solutions.



Axles





Wheel Re-profiling

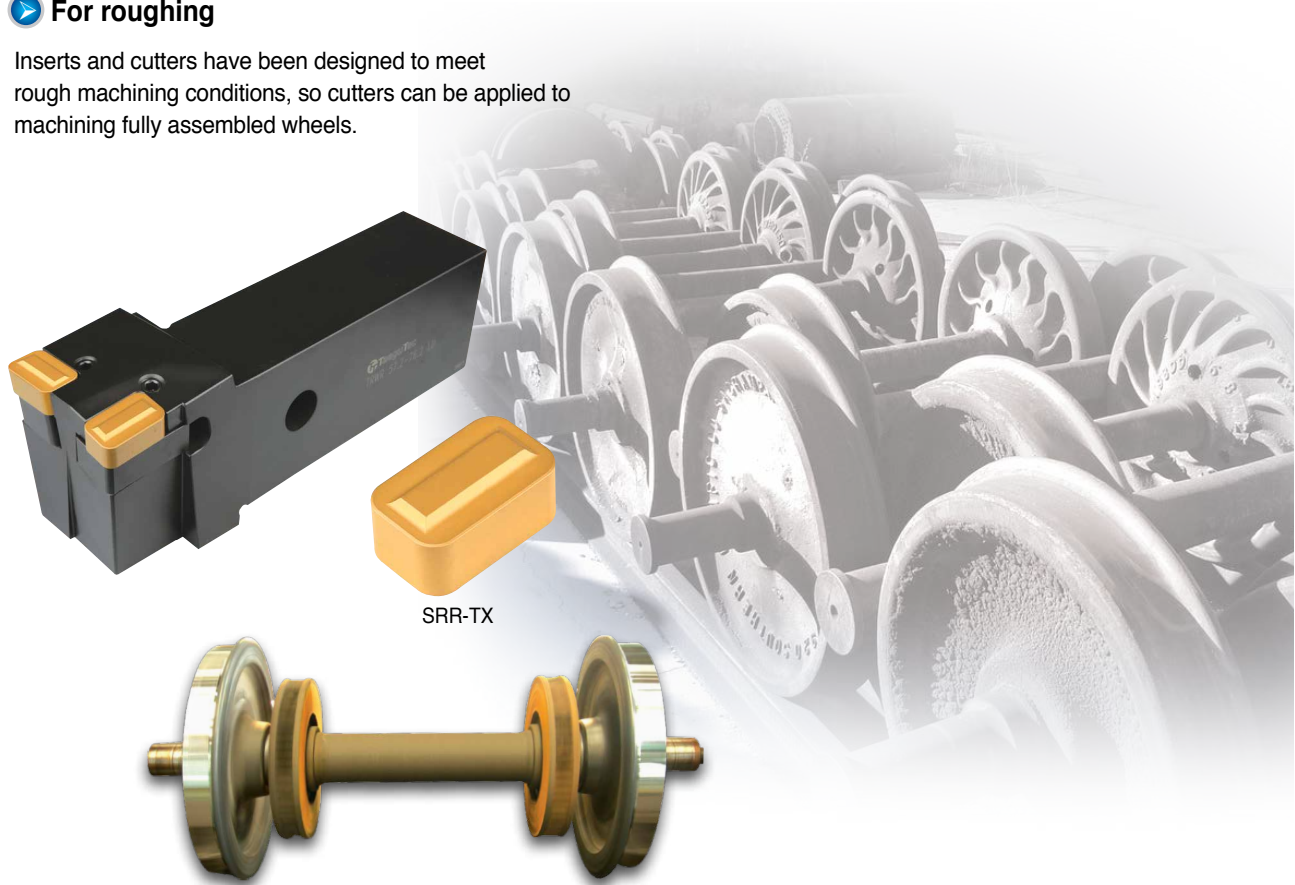
Strict standards are in place when re-profiling worn train wheels to prevent derailing. Therefore the grade and shape of the cutting tools must adhere to tight tolerances. With heat treated wheels and interrupted cutting conditions, the cutting tools must deliver exceptional performance and reliability.

Turning

Specialist turning solutions for surface floor wheel lathe

For roughing

Inserts and cutters have been designed to meet rough machining conditions, so cutters can be applied to machining fully assembled wheels.



Turning

Specialist turning solutions for underfloor wheel lathe

A selection of various insert types are available to suit cutting conditions.



For roughing



LNMX-TWR

For medium



LNMX 30-TWM



LNMX 19-TWM

For finishing



LNMX-TWF

Railway INDUSTRY

Ongoing R & D is what drives Business Growth at TaeguTec
 - 60% of sales are from products less than 5 years old

TaeguTec Advantages

- High quality is guaranteed and is based on 60 years of experience working with Tungsten from raw material to finished products
- Unique design based on cycle time & productivity
- Repeatability and consistently high performance
- Professional staff with extensive industry knowledge
- State of the art computer systems deliver fast & friendly service



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