



## Flatness

10.2024



**Excellent-flatness.  
Quenched and tempered.  
Lead-free.**





## Hardened steel strip - Tempered lead-free with excellent flatness

Our hardened steel strip, which has been tempered lead-free, offers an exceptional flatness. This unique combination of lead-free tempering brings numerous advantages in the manufacturing process and provides significant customer benefits.

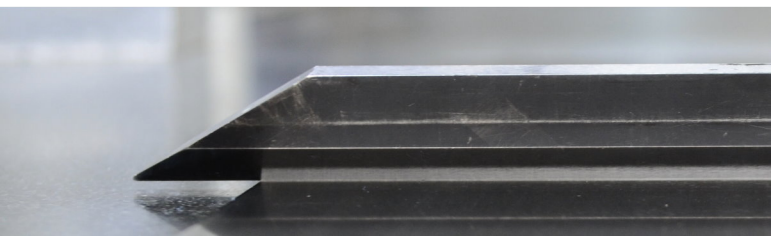
### Customer benefits of strip flatness:

**Higher precision:** The excellent flatness enables more precise processing and reduces deviations during further processing steps.


**Improved quality:** The uniform flatness increases the quality of the final products, which leads to a higher customer satisfaction.

**Less waste:** Due to the exceptional flatness, waste in production is minimized, reducing costs and increasing efficiency.

## LET'S TALK ABOUT FLATNESS.



## Advantages in the manufacturing process:



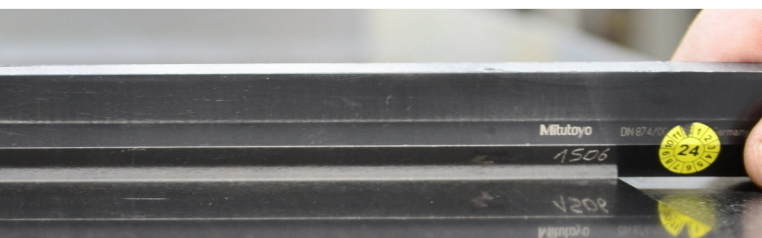
Only at Risse + Wilke:  
Flatness up to 5 mm thickness:  
**max. 0,5  $\mu\text{m}$  /mm**  
Lead-free  
quenching and tempering

Standard (lead bath):  
**max. 1  $\mu\text{m}$  /mm**

MADE IN GERMANY

**Optimized processing:** The uniform flatness of the strip steel facilitates further processing steps and reduces tear and wear on machines and tools.

**Reduced post-processing:** Due to the high flatness of the steel strip, the necessity for rework is reduced, ergo saving time and costs.





## Technical features:



Our lead-free tempered strip steel is manufactured by using a special hardening and tempering process that improves the mechanical properties of the material specifically and reduces material tension.

**Improved  
material  
properties**

**Reduced  
material  
tension**

**Reduced  
straightening  
operations**

MADE IN GERMANY

### **Risse + Wilke Kaltband GmbH & Co. KG**

Stenglingser Weg 46  
D-58642 Iserlohn  
Tel.: +49 (0) 2374 935 0  
info@risse-wilke.de  
[www.risse-wilke.de](http://www.risse-wilke.de)



### **TECHNISCHE KUNDENBERATUNG** Technical Customer Support

#### **Adam Kazuch**

+49 (0) 2374 935 599

a.kazuch@risse-wilke.de

### **TEAMLEITUNG VERTRIEB**

Sales Team Leader

#### **Anja Tillmann**

+49 (0) 2374 935 295

a.tillmann@risse-wilke.de

#### **Milan Brajkovic**

+49 (0) 2374 935 480

m.brajkovic@risse-wilke.de