

Zapp is certified to ISO 9001

Zapp® 1.4037 YR – Surgical Instruments, Hardened and Tempered

Finish

Cold rolled, cold rolled and annealed

Edge Finish

Slit

Surface Finish

Bright

$R_t \leq 118.11 \mu\text{in}$

$R_a \leq 11.81 \mu\text{in}$

Dimensions

Thickness: 0.039 – 0.059 in**

Width: 0.16 – 11.8 in*

*other dimensions of Ergste® 1.4037YR on request

Tolerances

Thickness and width:

Acc. to DIN EN ISO 9445, other tolerances on request.

Flatness

Acc. to DIN EN ISO 9445

Other tolerances on request.

Straightness

Max. 1.5 mm/ 1 m, other tolerances on request.

Tensile Strength

Cold rolled and annealed: max. 121.8 ksi

Cold rolled: max. 159.5 ksi

Form of Delivery

Coils

○ Inside diameter: 11.8/15.7 in

○ Outside diameter: max. 39.37 in

In case of necessary deviations from the properties mentioned above please send us your inquiry.

Approximately Chemical Analysis (%)

C	Mn	Si	P	S	Cr
0.65	0.60	0.45 max.	0.030 max.	0.020 max.	13.00

MEDICAL ALLOYS

Zapp Precision Metals GmbH

Letmather Straße 69

58239 Schwerte

medicalalloys@zapp.com

www.zapp.com

Further information regarding our products and locations are available in our image brochure and under www.zapp.com

The illustrations, drawings, dimensional and weight data and other information included in these data sheets are intended only for the purposes of describing our products and represent non-binding average values. They do not constitute quality data, nor can they be used as the basis for any guarantee of quality or durability. The applications presented serve only as illustrations and can be construed neither as quality data nor as a guarantee in relation to the suitability of the material. This cannot substitute for comprehensive consultation on the selection of our products and on their use in a specific application.

The data sheet is not subject to change control.
Last revision: July 2026