

## CONTACT

Zapp Precision Metals GmbH  
HIGH PERFORMANCE ALLOYS  
Zapp-Platz 1  
40880 Ratingen | Germany  
Phone +49 2102 710-204  
[highperformancealloys@zapp.com](mailto:highperformancealloys@zapp.com)  
[www.zapp.com](http://www.zapp.com)



Further information regarding our products and locations are available in our image brochure and under [www.zapp.com](http://www.zapp.com). The illustrations, drawings, dimensional and weight data and other information included in this flyer 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 flyer is not subject to change control. Revision: November 2023

Zapp  
is certified  
to ISO 9001  
and AS 9120

## OUR NEW PIPE AND TUBE PORTFOLIO



**ZAPP**

## SEAMLESS AND WELDED TUBES FROM HAYNES INTERNATIONAL AND OTHER WESTERN MANUFACTURERS

### General Information

Mills with decades of experience in producing seamless and welded Ni based alloy and Ti tubes.

All tubes are certified in accordance with ASTM B622 (seamless) or ASTM B619/ASTM B626 (welded).

Third party inspection certification 3.1C/3.2 is available on request.

### Materials

#### Corrosion Resistant Alloys

HASTELLOY® B-3® | C-4 | C-22® | C-276 | C-2000® | G-30® | G-35® | HYBRID-BC1® | Alloy 59 | 200-201

#### High Temperature Alloys

HAYNES® 25 | 188 | 214® | 230® | 233™ | 235® | 242® | 244® | 263 | 282® | 556® | 617 | 625 | 718 | HR-120® | HR-160® | X | Alloy 600 | 601 | 686 | 800 | 825



## STANDARD PRODUCTION

### Dimensions

#### Outer diameter

- seamless: 0.7 – 114.3 mm
- welded: 6.35 – 219.1 mm

#### Wall thickness

- seamless: 0.1 – 8.56 mm
- welded: 0.10 – 8.18 mm

#### Length

- up to 20 m

Delivery time: 4 – 8 months

## EXPRESS PRODUCTION WITHIN 4–12 WEEKS



### Dimensions

#### Outer diameter

- seamless: 3.18 – 60.3 mm
- welded: 6.35 – 114.3 mm

#### Wall thickness

- seamless: 0.25 – 4.78 mm
- welded: 0.4 – 3.05 mm

#### Length

- seamless: up to 18.5 m
- welded: up to 20 m

Subject to availability of starting material.