

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Zapp Precision Metals GmbH
Hochstr. 32
59425 Unna**

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1403/WP/1002/19

File No.: 8117442029

Production site: **Hochstr. 32, 59425 Unna**

The scope of approval is available in the annex scope of approval.

The company fulfils the following essential requirements:

Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records, which ensures proper manufacture of the products, as well as compliance with the requirements specified in the material specification.

This certificate is valid until

09/2022

Hagen, 2019-10-08

Annex: scope of approval

Fertigungstechnik Ruhrgebiet Ost
Feithstraße 188
58097 Hagen

Phone: +49 2331 803 0
Fax: +49 2331 803 207
E-Mail: hagen@tuev-nord.de



Kimmeskamp

TÜV NORD Systems GmbH & Co. KG,
Große Bahnstraße 31, D-22525 Hamburg

CERTIFICATE

Quality-Assurance System for material manufacturer
according to Pressure Equipment Directive 2014/68/EU

Certificate no.: 07/202/1403/WZ/1002/19

Name and address
of the manufacturer: Zapp Precision Metals GmbH
Hochstr. 32
59425 Unna

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive
2014/68/EU:

**QA-System in relation to materials,
EN 764-5, section 4.2 and AD2000 W0**

Audit report file no.:

8117442029

Scope of approval:
(product / material)

**Precision strip with austenitic-, ferritic- and martensitic-
stainless steel**

Production site:

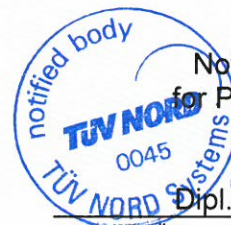
**Hochstr. 32
59425 Unna**

The certificate is valid until:

09/2022

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Hagen, 2019-10-08



Notified Body (0045)
for Pressure Equipment

Dipl.-Ing. Kimmeskamp

TÜV NORD Systems GmbH & Co. KG,
Große Bahnstraße 31, D-22525 Hamburg

Annex: Scope of Approval

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e-mail hagen@tuev-nord.de

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

bitte wählen

Geltungsbereich der Überprüfung gemäß / *Scope of Approval according to*

- Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 / *Directive 2014/68/EU, Annex I, Point 4.3.*
 AD 2000-Merkblatt W 0 / *AD 2000-Merkblatt W 0*

Zertifikat-Nr. / *Certificate No.:* 07-202 1403 WZ- 1002/19

Zertifikat-Nr. / *Certificate No.:* 07-203 1403 WP-1002/19

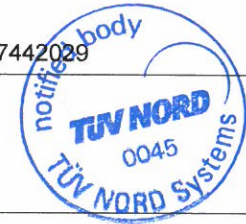
Firma / *Company:* Zapp Precision Metals GmbH

Datum / *Date:* 08.10.2019

Ort / *Location:* 59425 Unna

AZ / *File No.:* --

SAP-No.: 8117442029



Nr. No.	Werkstoffbezeichnung <i>Material designation</i>	Spezifikation <i>Specification</i>	Lieferzustand* <i>Delivery cond.*</i>	Erzeugnisform <i>Product type</i>	Abmessungen <i>Dimensions</i>		Prüfgrundlagen <i>Test specifications</i>	Bemerkungen <i>Remarks</i>
					Dicke <i>Thickness</i> [mm]	Ø / Gewicht <i>Ø / Weight</i> [kg]		
1.1	austenitische Stähle	EN 10028-7	kaltgewalzt	Band / strip	0,02 - 2,5		Richtlinie 2014/68/EU / AD2000 W2	
	ferritische Stähle	EN 10028-7	blankgeglüht		0,02 - 2,5		Directive 2014/68/EU / AD2000 W2	
	martensitische Stähle	EN 10028-7			0,02 - 2,5			

* +AT = Lösungsgeglüht / *solution annealed*, +N = normalgeglüht, normalisierend umgeformt / *normalized forming*, +U = unbehandelt / *untreated*, +NT = normalgeglüht und angelassen / *normalized and tempered*, +QT = vergütet / *quenched and tempered*, +M = thermomechanisch umgeformt / *thermo mechanical formed*, +AR = wie gewalzt / *as rolled*, +SR = spannungsarmgeglüht / *stress relieved*, +A = weichgeglüht / *soft annealed*, +CR = kaltgewalzt / *cold rolled* (weitere Symbole / *other symbols:* EN 10027-1, Tab. 18)