



ZERTIFIKAT

**Die Notifizierte Stelle - Kennnummer 0036 -
der TÜV SÜD Industrie Service GmbH**

bescheinigt, dass die Firma

**ITALFOND S.p.A.
Via Industriale, 1
IT – 25021 Bagnolo Mella (BS)**

als Werkstoffhersteller für

Blöcke und geschmiedete Stäbe aus austenitischen,
austenitisch-ferritischen, martensitischen Stählen und Nickellegierungen

**über ein zertifiziertes Qualitätsmanagementsystem
entsprechend Anhang I, Absatz 4.3 der Druckgeräte-
richtlinie 2014/68/EU,
AD 2000-Merkblatt W 0 sowie EN 764-5, Absatz 4.2**

verfügt und dieses anwendet.

Der Geltungsbereich ist aus der Anlage ersichtlich.
Weitere Einzelheiten sind im Bericht Nr. C-722393418-25 genannt.

Das Unternehmen ist daher berechtigt, in Übereinstimmung mit der Druckgeräte-
richtlinie 2014/68/EU Bescheinigungen über spezifische Prüfungen an den Werkstoffen im o.g.
Geltungsbereich auszustellen. Eventuell weitergehende Anforderungen aus den angewandten
technischen Spezifikationen zur Erfüllung des Anhanges I bleiben unberührt.

Das Zertifikat ist gültig bis 31.10.2028.

Zur Aufrechterhaltung der Gültigkeit ist ein jährliches Überwachungsaudit erforderlich.

Zertifikat-Nr.: DGR-0036-QS-W 055/2002/MUC-03
München, 22.09.2025

Notified Body, Nr. 0036




(M. Strobel)



EQ3028189

TÜV SÜD Industrie Service GmbH, Westendstraße 199, 80 686 München, Deutschland



CERTIFICATE

**The Notified Body - 0036 -
of TÜV SÜD Industrie Service GmbH**

certifies that

**ITALFOND S.p.A.
Via Industriale, 1
IT – 25021 Bagnolo Mella (BS)**

has implemented, operates and maintains a

**Quality Assurance System in accordance with the
Pressure Equipment Directive 2014/68/EU, Annex I, Section 4.3,
AD 2000-Merkblatt W 0 as well as EN 764-5, Para. 4.2**

as a material manufacturer for the scope of

ingots and forged bars in austenitic, austenitic-ferritic, martensitic steels and nickel alloys.

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. C-722393418-25.

The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment Directive 2014/68/EU. Possible additional requirements - specific to applied technical specifications to meet PED Annex I - are not affected.

This certificate is valid through 2028-10-31.

In order to adhere the validity an annual surveillance audit is required.

Certificate No.: DGR-0036-QS-W 055/2002/MUC-03
Munich, 2025-09-22

Notified Body, Nr. 0036



(M. Strobel)



EQ3028189

TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany

CERTIFICAT

CERTIFICADO

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ZERTIFIKAT



Industrie Service

Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach AD 2000-Merkblatt W 0
Scope of the approval - Manufacturer of material in accordance with AD 2000-Merkblatt W 0**Anlage zum Zertifikat Nr. / Annex to certificate no.**
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Manufacturer:	Name: Straße/Street: Ort/City:	ITALFOND S.p.A. Via Industriale, 1 IT – 25021 Bagnolo Mella (BS)	Land:/ Country: IT	Datum:/ Date: rev. 0 2025-09-22	Blatt-Nr.:/ Page No.: 1 v. / of 8	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036
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lfd. Nr. / No.	Werkstoffbezeichnung / Werkstoff-Nr. / Material Designation Material Grade	Werkstoff- Spezifikation / Material Specification		Liefer- zustand / Delivery Condition	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions				Gewicht / Weight		Prüfgrundlagen Technische Regeln / Requirements Technical Rules		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09
		Art / Spec.	Nr. / No.			Dicke / Thickness [mm]		Durchm. / Diameter [mm]		1=t 2=kg	Wert value	Art / Spec.	Nr. / No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	X5CrNi18-10 (1.4301), X4CrNi18-12 (1.4303), X2CrNi19-11 (1.4306), X2CrNi18-10 (1.4311), X6CrNiTi18-10 (1.4541), X6CrNiNb18-10 (1.4550), X5CrNiMo17-12-2 (1.4401), X2CrNiMo17-12-2 (1.4404), X2CrNiMoN17-11-2 (1.4406), X6CrNiMoTi17-12-2 (1.4571), X2CrNiMoN17-13-3 (1.4429), X2CrNiMo18-14-3 (1.4435), X3CrNiMo17-13-3 (1.4436), X2CrNiMo18-15-4 (1.4438), X2CrNiMoN17-13-5 (1.4439), X8CrNiS18-9 (1.4305), X20Cr13 (1.4021)	EN DIN	10088-3 17440	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -	AD 2000	W0	¹⁾ Quadratischer Querschnitt / square section
02	X1NiCrMoCu25-20-5 (1.4539), X1CrNiMoN25-22-2 (1.4466), X2CrNiMoCuWN25-7-4 (1.4501), X5CrNiCuNb16-4 (1.4542), X2CrNi18-9 (1.4307), X2CrNiMoCuN25-6-3 (1.4507), X2CrNiMoN25-7-4 (1.4410)	EN EN	10088-2 10088-3	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -	AD 2000	W0	
03	X2CrNiMoN22-5-3 (1.4462)	TÜVV EN EN	418 10272 10222-5	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -	AD 2000	W0	

Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempered N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed
QT = vergütet / quenched and tempered CR = Temperaturregelt warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled
a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10
d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10



Industrie Service

Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach AD 2000-Merkblatt W 0
Scope of the approval - Manufacturer of material in accordance with AD 2000-Merkblatt W 0**Anlage zum Zertifikat Nr. / Annex to certificate no.**
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Manufacturer:	Name: Straße/Street: Ort/City:	ITALFOND S.p.A. Via Industriale, 1 IT – 25021 Bagnolo Mella (BS)	Land:/ Country: IT	Datum:/ Date: rev. 0 2025-09-22	Blatt-Nr.:/ Page No.: 2 v. / of 8	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036
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lfd. Nr. / No.	Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade	Werkstoff- Spezifikation / Material Specification		Liefer- zustand / Delivery Condition	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions				Gewicht / Weight		Prüfgrundlagen Technische Regeln / Requirements Technical Rules		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09
		Art / Spec.	Nr. / No.			Dicke / Thickness [mm]		Durchm. / Diameter [mm]		1=t 2=kg ↓	Wert value	Art / Spec.	Nr. / No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
04	X3CrNiMo13-4 (1.4313)	TÜVV EN EN	395/3 10272 10222-5	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -	AD 2000	W0	1) Quadratischer Querschnitt / square section
05	X1CrNiMoCuN20-18-7 (1.4547)	TÜVV EN EN	473 10272 10222-5	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -	AD 2000	W0	
06	X4CrNiMo16-5-1 (1.4418)	EN	10272	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -	AD 2000 SEW	W0 400	
07	X10NiCrAlTi 32-20 H (1.4876)	TÜVV	434	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -	AD 2000 SEW	W0 470	
08	X6NiCrTiMoVB25-15-2 (1.4980)	EN EN	10088-1 10302	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 100 ¹⁾	- 700 ¹⁾	- 100	- 700	1 -	21 -			

Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempered N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed
QT = vergütet / quenched and tempered CR = Temperaturregelt warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled
a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10
d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10

Created / revised: 2021-10-28

Approved: 2021-11-24 W. Schock

Page 2 of 8

File: IS-PED-M-9_Scope of approval

Revision: V 0

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Industrie Service

Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach AD 2000-Merkblatt W 0
Scope of the approval - Manufacturer of material in accordance with AD 2000-Merkblatt W 0

Anlage zum Zertifikat Nr. / Annex to certificate no.
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Name: ITALFOND S.p.A. Manufacturer: Straße/Street: Via Industriale, 1 Ort/City: IT – 25021 Bagnolo Mella (BS)					Land:/ Country: IT	Datum:/ Date: rev. 0 2025-09-22	Blatt-Nr.:/ Page No.: 3 v. / of 8	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036						
lfd. Nr. / No.	Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade	Werkstoff-Spezifikation / Material Specification		Lieferzustand / Delivery Condition Kürzel / Code	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions Dicke / Thickness [mm] Durchm. / Diameter [mm]				Gewicht / Weight 1=t 2=kg ↓ Wert value		Prüfgrundlagen Technische Regeln / Requirements Technical Rules Art / Spec. Nr. / No.		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09
		Art / Spec.	Nr. / No.			von / from	bis / to	von / from	bis / to	↓	Wert value	Art / Spec.	Nr. / No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
08	X5CrNi18-10 (1.4301), X2CrNi19-11 (1.4306), X2CrNi18-9 (1.4307), X2CrNiN18-10 (1.4311), X5CrNiMo17-12-2 (1.4401), X2CrNiMo17-12-2 (1.4404), X2CrNiMo18-14-3 (1.4435), X3CrNiMo17-13-3 (1.4436), X6CrNiNb18-10 (1.4550), X6CrNiTi18-10 (1.4541), X6CrNiMoTi17-12-2 (1.4571), X2CrNiMoN25-7-4 (1.4410)	EN EN DIN	10222-5 10272 17440	AT	geschmiedeter Stab / forged bar	100	600	150	600	-	-	AD 2000	W2, W10	General note: If wall thickness exceeds maximum specified wall thickness of the standard, an individual expertise and 3.2 inspection certificate are mandatory – Except for U delivery condition. * An individual expertise and 3.2 inspection certificate are mandatory.
09	X2CrNiMoN22-5-3 (1.4462)	TÜVV EN EN	418 10222-5 10272	AT	geschmiedeter Stab / forged bar	100	400	140	400	-	-	AD 2000	W2, W10	
10	X2CrNiMoCuWN25-7-4 (1.4501), X2CrNiMoCuN25-6-3 (1.4507)	EN	10272	AT	geschmiedeter Stab / forged bar	100 100	500 250	150 150	500 250	- -	- -	AD 2000	W2, W10	
11	X3CrNiMo13-4 (1.4313)	TÜVV	395/3*	QT	geschmiedeter Stab / forged bar	100	250	150	250	-	-	AD 2000	W2, W10	
12	X1NiCrMoCu25-20-5 (1.4539)	TÜVV	421	AT	geschmiedeter Stab / forged bar	-	500	-	500	-	-	AD 2000	W2, W10	
13	NiCr22Mo9Nb (2.4856)	TÜVV	499	A	geschmiedeter Stab / forged bar	-	320	-	480	-	-	AD 2000	W2, W10	
14	NiCr21Mo (2.4858)	TÜVV	432/3	A	geschmiedeter Stab / forged bar	-	330	-	500	-	-	AD 2000	W2, W10	
Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempererd N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed QT = vergütet / quenched and tempered CR = Temperaturregelt warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10 d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10														
Created / revised: 2021-10-28					Approved: 2021-11-24 W. Schock					Page 3 of 8				
File: IS-PED-M-9 Scope of approval					Revision: V 0					Printed copies are not subject to change service! Copyright TÜV SÜD Industrie Service GmbH				



Industrie Service

Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach DGRL 2014/68/EU, Anhang I, Abschnitt 4.3
Scope of the approval – Manufacturer of material in accordance with PED 2014/68/EU, Annex I, Section 4.3

Anlage zum Zertifikat Nr. / Annex to certificate no.
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Name: ITALFOND S.p.A. Manufacturer: Straße/Street: Via Industriale, 1 Ort/City: IT – 25021 Bagnolo Mella (BS)					Land:/ Country: IT	Datum:/ Date: rev. 0 2025-09-22	Blatt-Nr.:/ Page No.: 4 v. / of 8	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036						
lfd. Nr. / No.	Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade	Werkstoff- Spezifikation / Material Specification		Liefer- zustand / Delivery Condition Kürzel / Code	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions				Gewicht / Weight		Prüfgrundlagen Technische Regeln / Requirements Technical Rules		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09
		Art / Spec.	Nr. / No.			Dicke / Thickness [mm]		Durchm. / Diameter [mm]		1=t 2=kg ↓	Wert value	Art / Spec.	Nr. / No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	X5CrNi18-10 (1.4301), X4CrNi18-12 (1.4303), X2CrNi19-11 (1.4306), X2CrNiN18-10 (1.4311), X6CrNiTi18-10 (1.4541), X6CrNiNb18-10 (1.4550), X5CrNiMo17-12-2 (1.4401), X2CrNiMo17-12-2 (1.4404), X2CrNiMoN17-11-2 (1.4406), X6CrNiMoTi17-12-2 (1.4571), X2CrNiMoN17-13-3 (1.4429), X2CrNiMo18-14-3 (1.4435), X3CrNiMo17-13-3 (1.4436), X2CrNiMo18-15-4 (1.4438), X2CrNiMoN17-13-5 (1.4439), X8CrNiS18-9 (1.4305), X20Cr13 (1.4021)	EN DIN	10088-3 17440	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			General note: If wall thickness exceeds maximum specified wall thickness of the standard, an individual expertise and 3.2 inspection certificate are mandatory – Except for U delivery condition. 1) Quadratischer Querschnitt / square section
02	X1NiCrMoCu25–20–5 (1.4539), X1CrNiMoN25–22–2 (1.4466), X2CrNiMoCuWN25–7-4 (1.4501), X5CrNiCuNb16–4 (1.4542), X2CrNi18–9 (1.4307), X2CrNiMoCuN25–6-3 (1.4507), X2CrNiMoN25–7-4 (1.4410)	EN EN	10088-2 10088-3	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Notified Body in charge.
03	X2CrNiMoN22–5-3 (1.4462)	TÜVV EN EN	418 10272 10222-5	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			
Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempererd N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed QT = vergütet / quenched and tempered CR = Temperaturregeltet warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10 d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10														
Created / revised: 2021-10-28					Approved: 2021-11-24 W. Schock					Page 4 of 8				
File: IS-PED-M-9 Scope of approval					Revision: V 0					Printed copies are not subject to change service! Copyright TÜV SÜD Industrie Service GmbH				



Industrie Service

Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach DGRL 2014/68/EU, Anhang I, Abschnitt 4.3
Scope of the approval – Manufacturer of material in accordance with PED 2014/68/EU, Annex I, Section 4.3

Anlage zum Zertifikat Nr. / Annex to certificate no.
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Name: ITALFOND S.p.A. Manufacturer: Straße/Street: Via Industriale, 1 Ort/City: IT – 25021 Bagnolo Mella (BS)					Land:/ Country: IT	Datum:/ Date: rev. 0 2025-09-22	Blatt-Nr.:/ Page No.: 5 v. / of 8	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036						
lfd. Nr. / No.	Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade	Werkstoff- Spezifikation / Material Specification		Liefer- zustand / Delivery Condition Kürzel / Code	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions				Gewicht / Weight		Prüfgrundlagen Technische Regeln / Requirements Technical Rules		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09
		Art / Spec.	Nr. / No.			Dicke / Thickness [mm] von / from bis / to	Durchm. / Diameter [mm] von / from bis / to	1=t 2=kg ↓	Wert value	Art / Spec.	Nr. / No.	Bemerkungen / Remarks		
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
04	X3CrNiMo13–4 (1.4313)	EN EN TÜVV	10222-5 10272 395/3*)	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			*) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. 1) Quadratischer Querschnitt / square section General note: If wall thickness exceeds maximum specified wall thickness of the standard, an individual expertise and 3.2 inspection certificate are mandatory – Except for U delivery condition.
05	X1CrNiMoCuN20-18-7 (1.4547)	EN EN TÜVV	10222-5 10272 473*)	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			
06	X4CrNiMo16-5-1 (1.4418)	EN	10272	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			
07*)	X10NiCrAlTi 32-20 H (1.4876)	TÜVV SEW	434 470	U U	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			
08	X5CrNi18-10 (1.4301), X2CrNi19-11 (1.4306), X2CrNi18-9 (1.4307), X2CrNiN18-10 (1.4311), X5CrNiMo17-12-2 (1.4401), X2CrNiMo17-12-2 (1.4404), X2CrNiMo18-14-3 (1.4435), X3CrNiMo17-13-3 (1.4436) X6CrNiNb18-10 (1.4550), X6CrNiTi18-10 (1.4541), X6CrNiMoTi17-12-2 (1.4571), X2CrNiMoN25-7-4 (1.4410)	EN EN DIN	10222-5 10272 17440*)	AT	geschmiedeter Stab / forged bar	100	600	150	600	-	-			For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Notified Body in charge.
Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempererd N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed QT = vergütet / quenched and tempered CR = Temperaturregeltet warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10 d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10														
Created / revised: 2021-10-28					Approved: 2021-11-24 W. Schock					Page 5 of 8				
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Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach DGRL 2014/68/EU, Anhang I, Abschnitt 4.3
Scope of the approval – Manufacturer of material in accordance with PED 2014/68/EU, Annex I, Section 4.3**Anlage zum Zertifikat Nr. / Annex to certificate no.**
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Name: ITALFOND S.p.A. Manufacturer: Straße/Street: Via Industriale, 1 Ort/City: IT – 25021 Bagnolo Mella (BS)						Land:/ Country: IT		Datum:/ Date: rev. 0 2025-09-22		Blatt-Nr.:/ Page No.: 6 v. / of 8		Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036		
lfd. Nr. / No.	Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade	Werkstoff-Spezifikation / Material Specification		Lieferzustand / Delivery Condition Kürzel / Code	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions				Gewicht / Weight		Prüfgrundlagen Technische Regeln / Requirements Technical Rules		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09
		Art / Spec.	Nr. / No.			Dicke / Thickness [mm]		Durchm. / Diameter [mm]		1=t 2=kg ↓	Wert value	Art / Spec.	Nr. / No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
09	X2CrNiMoN22-5-3 (1.4462)	EN EN TÜVV	10222-5 10272 418*)	AT	geschmiedeter Stab / forged bar	100	400	140	400	-	-			*) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. 1) Quadratischer Querschnitt / square section General note: If wall thickness exceeds maximum specified wall thickness of the standard, an individual expertise and 3.2 inspection certificate are mandatory – Except for U delivery condition. 2) as defined in the specifications ITER_D_2DX6KS, ITER_D_2EFZGP and Section 2 of RCC-MR Edition 2007 3) as defined in Section 2 of RCC-MR Edition 2007- RM 3324: Bars For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Notified Body in charge.
10	X2CrNiMoCuWN25-7-4 (1.4501), X2CrNiMoCuN25-6-3 (1.4507)	EN	10272	AT	geschmiedeter Stab / forged bar	100 100	500 250	150 150	500 250	- -	- -			
11	X3CrNiMo13-4 (1.4313)	EN EN TÜVV	10222-5 10272 395/3	QT	geschmiedeter Stab / forged bar	100	250	150	250	-	-			
12*)	X1NiCrMoCu25-20-5 (1.4539)	EN EN TÜVV	10222-5 10272 421	AT	geschmiedeter Stab / forged bar	-	500	-	500	-	-			
13*)	NiCr22Mo9Nb (2.4856)	TÜVV	499	A	geschmiedeter Stab / forged bar	-	320	-	480	-	-			
14*)	NiCr21Mo (2.4858)	TÜVV	432/3	A	geschmiedeter Stab / forged bar	-	330	-	500	-	-			
15*)	316L(N)-IG	2)		U AT	Block / ingot geschmiedeter Stab / forged bar	- 100	- 500	- 150	- 500	1 -	21 -			
16*)	X2CrNiMo17-12-2 (1.4404) with controlled Nitrogen content	3)		U AT	Block / ingot geschmiedeter Stab / forged bar	- 100	- 500	- 150	- 500	1 -	21 -			
17*)	S31254	ASTM	A 276	AT	Block / ingot Stab geschmiedet, ungeglüht / forged bar, not annealed	- 140 ¹⁾	- 700 ¹⁾	- 160	- 700	1 -	21 -			
Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempererd N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed QT = vergütet / quenched and tempered CR = Temperaturregelt warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10 d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10														
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Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach DGRL 2014/68/EU, Anhang I, Abschnitt 4.3
Scope of the approval – Manufacturer of material in accordance with PED 2014/68/EU, Annex I, Section 4.3

Anlage zum Zertifikat Nr. / Annex to certificate no.
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Name: ITALFOND S.p.A. Manufacturer: Straße/Street: Via Industriale, 1 Ort/City: IT – 25021 Bagnolo Mella (BS)						Land:/ Country: IT		Datum:/ Date: rev. 0 2025-09-22		Blatt-Nr.:/ Page No.: 7 v. / of 8		Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036			
lfd. Nr. / No.	Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade	Werkstoff-Spezifikation / Material Specification		Lieferzustand / Delivery Condition Kürzel / Code	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions				Gewicht / Weight		Prüfgrundlagen Technische Regeln / Requirements Technical Rules		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09	
		Art / Spec.	Nr. / No.			Dicke / Thickness [mm]		Durchm. / Diameter [mm]		1=t 2=kg ↓	Wert value	Art / Spec.	Nr. / No.		Bemerkungen / Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10	
18*)	N06600	ASTM	B564	U	Block / ingot	-	-	-	-	1	21			*) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. General note: If wall thickness exceeds maximum specified wall thickness of the standard, an individual expertise and 3.2 inspection certificate are mandatory – Except for U delivery condition. For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Notified Body in charge.	
19*)	X15CrNiSi20-12 (1.4828), X15CrNiSi25-21 (1.4841), X8CrNi25-21 (1.4845)	EN	10095	U	Block / ingot	-	-	-	-	1	21				
20*)	X15CrNiSi25-21 (1.4841), X8CrNi25-21 (1.4845)	EN	10095	AT	geschmiedeter Stab / forged bar	150	350	150	350	-	-				
21*)	X1NiCrMoCu25-20-5 (1.4539)	EN	10272	AT	geschmiedeter Stab / forged bar	140	500	140	500	-	-				
22*)	UNS N06625	ASTM	B446	A / U	Block / ingot geschmiedeter Stab / forged bar	- 125	- 420	- 125	- 420	1	21				
23*)	UNS N08825	ASTM	B425	A / U	Block / ingot geschmiedeter Stab / forged bar	- 125	- 420	- 125	- 420	1 -	21 -				
24*)	UNS No 8020, Alloy 20 NiCr20CuMo (2.4660)	ASTM DIN	B473 17744	U A	Block / ingot geschmiedeter Stab / forged bar	125 140	500 350	- -	- -	- -	- -				
25*)	UNS S32750 F347, F347H	ASTM	A479	AT U	geschmiedeter Stab / forged bar Block / ingot	140	500	-	-	-	-				
26*)	UNS S17400	ASTM	A 564	H1150D U	geschmiedeter Stab / forged bar Block / ingot	140	360	-	-	-	-				
Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempered N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed QT = vergütet / quenched and tempered CR = Temperaturregelt warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10 d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10															
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Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach DGRL 2014/68/EU, Anhang I, Abschnitt 4.3
Scope of the approval – Manufacturer of material in accordance with PED 2014/68/EU, Annex I, Section 4.3

Anlage zum Zertifikat Nr. / Annex to certificate no.
DGR-0036-QS-W 055/2002/MUC-03 von / dated 2025-09-22

Hersteller / Name: ITALFOND S.p.A. Manufacturer: Straße/Street: Via Industriale, 1 Ort/City: IT – 25021 Bagnolo Mella (BS)					Land:/ Country: IT	Datum:/ Date: rev. 0 2025-09-22	Blatt-Nr.:/ Page No.: 8 v. / of 8	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036						
lfd. Nr. / No.	Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade	Werkstoff-Spezifikation / Material Specification		Lieferzustand / Delivery Condition Kürzel / Code	Prüfgegenstand Erzeugnisform / Description Product	Abmessungen / Dimensions				Gewicht / Weight		Prüfgrundlagen Technische Regeln / Requirements Technical Rules		Bericht Nr. / report no. C-722393418-25 vom / dated 2025-09-09
		Art / Spec.	Nr. / No.			Dicke / Thickness [mm]	Durchm. / Diameter [mm]		1=t 2=kg	Wert value	Art / Spec.	Nr. / No.	Bemerkungen / Remarks	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
27*)	UNS N07718	API	6ACRA	b U	geschmiedeter Stab / forged bar Block / ingot	70	485	-	-	-	-			*) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. b: as defined in the technical specification General note: If wall thickness exceeds maximum specified wall thickness of the standard, an individual expertise and 3.2 inspection certificate are mandatory – Except for U delivery condition.
28*)	UNS N09925	API	6ACRA	b U	geschmiedeter Stab / forged bar Block / ingot	100	470	-	-	-	-			
29*)	UNS S66286 (A286)	ASTM	A453	AT+Aged U	geschmiedeter Stab / forged bar Block / ingot	100 -	250 -	100 -	250 -	- 1	- 15			
30*)	UNS N09925	API	6ACRA	b U	geschmiedeter Stab / forged bar Block / ingot	100 -	470 -	100 -	470 -	- 1	- 15			
31*)	UNS N10276 (C276)	ASTM	B564	AT U	geschmiedeter Stab / forged bar Block / ingot	100 -	330 -	100 -	330 -	- 1	- 15			
32*)	316,316L	ASTM ASTM	A276 A479	AT	geschmiedeter Stab / forged bar	100	800	150	800	-	-			
33	X6CrNi18-10 (1.4948)	EN	10222-5	U	Ingot Forged bar	- 100	- 500	- 150	- 500	1 -	21 -			
For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Notified Body in charge.														
Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempered N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed QT = vergütet / quenched and tempered CR = Temperaturregelt warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10 d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10														
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File: IS-PED-M-9 Scope of approval					Revision: V 0					Printed copies are not subject to change service! Copyright TÜV SÜD Industrie Service GmbH				