



Industrie Service

CERTIFICATE

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

certifies that

FEAT GROUP S.p.A.
division FEAT INDUSTRIALE
Via Dei Livelli, s.n.c.
IT – 23842 Bosisio Parini

with production sites:

Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)
Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)

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

die-forged parts and flanges of ferritic and austenitic stainless steels.

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. C-722287791AD-22.

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 2025-07-31.

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

Certificate No.: DGR-0036-QS-W 044/2002/MUC-002
Munich, 2022-10-20

Notified Body, No. 0036



(S. Loibl)

Certification Body
Material and Welding Technology



EQ3052346

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



Industrie Service

ZERTIFIKAT

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

bescheinigt, dass die Firma

FEAT GROUP S.p.A.
division FEAT INDUSTRIALE
Via Dei Livelli, s.n.c.
IT – 23842 Bosisio Parini

mit folgenden Herstellwerken:

Werk 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)
Werk 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)

als Werkstoffhersteller für

Gesenkschmiedestücke und Flansche aus ferritischen und austenitischen Stählen

**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-722287791AD-22 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 2025-07-31.

Zur Aufrechterhaltung der Gültigkeit ist ein jährliches Überwachungsaudit erforderlich.

Zertifikat-Nr.: DGR-0036-QS-W 044/2002/MUC-002
München, 2022-10-20

Notified Body, Nr. 0036



(S. Loibl)

Zertifizierungsstelle
Werkstoff- und Schweißtechnik



EQ3052346

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



CERTIFICATE

TUV SUD BABT Unlimited

certifies that

FEAT GROUP S.p.A.
division FEAT INDUSTRIALE
Via Dei Livelli, s.n.c.
IT – 23842 Bosisio Parini

with production sites:

Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)
Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)

has implemented, operates and maintains a

**Quality Assurance System in accordance with the
Pressure Equipment (Safety) Regulation 2016/1105, Schedule 2, Part. 4,
Para. 31 (8) as well as EN 764-5, Para. 4.2**

as a material manufacturer for the scope of

die-forged parts and flanges of ferritic and austenitic stainless steels.

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. C-722287791PER-22.

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 (Safety) Regulation 2016/1105. Possible additional requirements - specific to applied technical specifications to meet PER 2016/1105, Schedule 2 - are not affected.

This certificate is valid through 2025-10-19.

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

Certificate No.: PER-0168-QS-M 3235841/2022/MUC-01
Fareham, 2022-10-20

TUV SUD BABT Unlimited


(M. Strobel)

Certification Body
Materials and Permanent Joining

TUV SUD BABT Unlimited
Octagon House, Concorde Way Segensworth North,
Fareham, Hampshire, PO 15 5RL, United Kingdom

TUV®



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20.10.2022

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CERTIFICATE

ZERTIFIKAT



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 044/2002/MUC-002 von / dated 2022-10-20

Hersteller / Manufacturer:	Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE	Land:/ Country:	Datum:/ Date: rev. 2	Blatt-Nr./: Page No.:	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036
	Straße/Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)	IT	2024-08-29	1 v. / of 6	
	Ort/City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)				

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-722289794AD-24 vom / dated 2024-08-12
		Art / Spec.	Nr. / No.			Kürzel / Code	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	X2CrNi18-9 (1.4307), X2CrNiN18-10 (1.4311), X5CrNi18-10 (1.4301), X6CrNiTi18-10 (1.4541), X6CrNiNb18-10 (1.4550), X6CrNi18-10 (1.4948), X6CrNiTiB18-10 (1.4941), X7CrNiNb18-10 (1.4912), X2CrNiMo17-12-2 (1.4404), X2CrNiMoN17-11-2 (1.4406), X5CrNiMo17-12-2 (1.4401), X6CrNiMoTi17-12-2 (1.4571), X2CrNiMo17-12-3 (1.4432), X2CrNiMoN17-13-3 (1.4429), X3CrNiMo17-13-3 (1.4436), X2CrNiMo18-14-3 (1.4435), X1CrNiMoCuN20-18-7 (1.4547), X3CrNiMo18-12-3 (1.4449)	EN DIN	10222-5 17440	AT	Gesekschmiedestück/die-forging Flansch/flange	- -	200 50	- -	500 -	2 -	250 -	AD 2000 AD 2000	W2 / W10 W9	
02	P245GH (1.0352), P250GH (1.0460), 16Mo3 (1.5415), 13CrMo4-5 (1.7335), 11CrMo9-10 (1.7383), X20CrMOV11-1 (1.4922)	EN DIN	10222-2 17243	N/QT	Gesekschmiedestück/die-forging	-	200	-	500	2	250	AD 2000 TRD	W13 107	
03	P265GH (1.0425), P280GH (1.0426) P295GH (1.0481)	EN	10222-2	N	Gesekschmiedestück/die-forging	-	200	-	500	2	200	AD 2000	W13	
04	13CrMo4-5 (1.7335)	EN DIN	10222-2 17243	QT	Flansch/flange	-	50	-	-	2	250	AD 2000 TRD	W9 107	

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 = Temperaturregelmäßig wärmumgeformt / 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



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 044/2002/MUC-002 von / dated 2022-10-20

Hersteller / Manufacturer:	Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE	Land:/ Country:	Datum:/ Date: rev. 2	Blatt-Nr./ Page No.:	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036
	Straße/Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)	IT	2024-08-29	2 v. / of 6	
	Ort/City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)				

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-722289794AD-24 vom / dated 2024-08-12
		Art / Spec.	Nr. / No.			Kürzel / Code	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
05	P355NH (1.0565), P355QH1 (1.0571)	EN TÜVV DIN	10222-4 354/3 17103	N/QT	Gesekschmiedestück/die-forging Flansch/flange	- -	200 50	- -	500 -	2 -	250 -	AD 2000 TRD	W13 107	Only with individual expertise and 3.2 inspection certificate.
06	12CrMo19-5 (1.7362)	TÜVV	007/3	QT	Gesekschmiedestück/die-forging	-	200	-	500	2	250	AD 2000 TRD	W13 107	
07	C22.8 (1.0460)	TÜVV	350/3	N	Flansch/flange	-	50	-	-	2	250	AD 2000 TRD	W9 107	
08	C 22.3 (1.0427)	TÜVV	364	N	Gesekschmiedestück/die-forging Flansch/flange	- -	200 50	- -	500 -	2 -	250 -	AD 2000 TRD	W13 / W9 107	
09	C21 (1.0432) / A105	TÜVV	399	N	Gesekschmiedestück/die-forging	-	200	-	500	2	250	AD 2000 TRD	W13 107	
10	S355JR (1.0045), S355JO (1.0553) S355J2 (1.0577), S355K2 (1.0596)	EN	10025-2	N	Gesekschmiedestück/die-forging	-	200	-	500	2	200	AD 2000 TRD	W13 107	
11	S235JRG2, S235J2G3	EN DIN	10250-2 17100	N N U	Gesekschmiedestück/die-forging Flansch/flange Flansch/flange	- - -	200 50 30	- - -	500 - -	2 2 2	250 250 250	AD 2000 TRD	W13 / W9 107	
12	EN AW-5083 (Al Mg4,5Mn0,7)	EN EN	573-3 12392	H112	Gesekschmiedestück/die-forging	-	150	-	150	-	-	AD 2000	W6/1	

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
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 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 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 044/2002/MUC-002 von / dated 2022-10-20

Hersteller / Manufacturer:	Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE	Land:/ Country:	Datum:/ Date: rev. 2	Blatt-Nr./: Page No.:	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036
	Straße/Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)	IT	2024-08-29	3 v. / of 6	
	Ort/City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)				

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-722289794AD-24 vom / dated 2024-08-12
		Art / Spec.	Nr. / No.			Kürzel / Code	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
01	X2CrNi18-9 (1.4307), X2CrNi19-11 (1.4306), X2CrNi18-10 (1.4311), X5CrNi18-10 (1.4301), X6CrNiTi18-10 (1.4541), X6CrNiNb18-10 (1.4550), X6CrNi18-10 (1.4948), X6CrNiTiB18-10 (1.4941), X7CrNiNb18-10 (1.4912), X2CrNiMo17-12-2 (1.4404), X2CrNiMoN17-11-2 (1.4406), X5CrNiMo17-12-2 (1.4401), X6CrNiMoTi17-12-2 (1.4571), X2CrNiMo17-12-3 (1.4432), X2CrNiMoN17-13-3 (1.4429), X3CrNiMo17-13-3 (1.4436), X2CrNiMo18-14-3 (1.4435), X3CrNiMoBN17-13-3 (1.4910), X2CrNiMoN17-13-5 (1.4439), X1NiCrMoCu25-20-5 (1.4539), X1CrNiMoCuN20-18-7 (1.4547), X1CrNiMoCuN25-20-7 (1.4529), X2CrNiCu19-10 (1.4650), X3CrNiMo18-12-3 (1.4449)	EN	10222-5	AT	Gesekschmiedestück/die-forging Flansch/flange	- -	200 50	- -	500 -	2 -	250 -			*) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. Bei Verwendung der Werkstoffe in Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerkes zu beachten Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen Notifizierten Stelle erforderlich. / 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.
02	X2CrNiMoCuWN25-7-4 (1.4501), X2CrNiMoN22-5-3 (1.4462), X2CrNiMoN25-7-4 (1.4410)	EN	10222-5	AT	Gesekschmiedestück/die-forging	-	200	-	500	2	200			

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 wärmumgeformt / 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



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 044/2002/MUC-002 von / dated 2022-10-20

Header information table including Manufacturer (FEAT GROUP S.p.A.), Land (IT), Datum (2024-08-29), and Zertifizierungsstelle (Certification Body for pressure equipment).

Main table with columns for lfd. Nr., Werkstoffbezeichnung, Spezifikation, Lieferzustand, Prüfgegenstand, Abmessungen, Gewicht, Prüfgrundlagen, and Bericht Nr. Contains 12 rows of material specifications.

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



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 044/2002/MUC-002 von / dated 2022-10-20

Hersteller / Manufacturer:	Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE	Land:/ Country:	Datum:/ Date: rev. 2	Blatt-Nr./: Page No.:	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036
	Straße/Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)	IT	2024-08-29	5 v. / of 6	
	Ort/City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)				

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-722289794AD-24 vom / dated 2024-08-12
		Art / Spec.	Nr. / No.			Kürzel / Code	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
13*)	X30Cr13 (1.4028)	EN	10250-4	QT	Gesekschmiedestück/die-forging	-	200	-	500	2	200			*) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. Bei Verwendung der Werkstoffe in Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerkes zu beachten Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen Notifizierten Stelle erforderlich. / 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.
14*)	25CrMo4, 25CrMoS4, 42CrMo4, 42CrMoS4	EN ISO	683-2	QT	Gesekschmiedestück/die-forging	-	200	-	500	2	250			
15*)	EN AW-5083 (Al Mg4,5Mn0,7)	EN EN	573-3 12392	H112	Gesekschmiedestück/die-forging	-	150	-	150	-	-			
16*)	4130,4140	ASTM	A29	QT	Gesekschmiedestück/die-forging	-	300	-	500	2	300			
17*)	A105	ASTM ASME	A105 / SA-105	N	Gesekschmiedestück/die-forging	-	200	-	500	2	250			
18*)	F91, F92, F304, F304L, F316, F316L, F321, F347, F44, F53, F55, F316H, F304H, F347H, F51, F53, F60, F5, F12, F22, F11 Cl.2 and Cl.3, F6NM	ASTM ASME	A182 / SA-182	NT/AT	Gesekschmiedestück/die-forging	-	200	-	500	2	250			
19*)	LF2	ASTM ASME	A350 / SA-350	N/QT	Gesekschmiedestück/die-forging	-	200	-	500	2	250			
20*)	AISI 420	ASTM	A484	QT	Gesekschmiedestück/die-forging	-	200	-	500	2	250			
21*)	N08825, N06625, N04400	ASTM	B564	A	Gesekschmiedestück/die-forging	-	200	-	500	2	250			

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
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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 044/2002/MUC-002 von / dated 2022-10-20

Hersteller / Manufacturer:	Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE	Land:/ Country:	Datum:/ Date: rev. 2	Blatt-Nr./ Page No.:	Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036
	Straße/Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)	IT	2024-08-29	6 v. / of 6	
	Ort/City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)				

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-722289794AD-24 vom / dated 2024-08-12
		Art / Spec.	Nr. / No.			Kürzel / Code	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
22*)	UNS N06022, UNS N10276 UNS N08800, UNS N08800, UNS N08810 (INCOLOY800/800H/800HT), N06600 (INCONEL600)	ASTM ASTM	B574 B462	A	Gesekschmiedestück/die-forging	-	200	-	500	2	200			*) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. Bei Verwendung der Werkstoffe in Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerkes zu beachten Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen Notifizierten Stelle erforderlich. / 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.
23*)	A48 AP-CP A48 FP	NF NF	A36605 A36605	N QT	Gesekschmiedestück/die-forging	-	200	-	500	2	200			
24*)	F91 type 1, F91 type 2, F92	ASTM ASME	A182 / SA-182	NT	Gesekschmiedestück/die-forging	-	130	-	500	-	-			
25	X10CrMoVNb9-1 (1.4903)	EN	10222-2	NT	Gesekschmiedestück/die-forging	-	130	-	500	-	-			

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

**Scope of the approval – Manufacturer of material in accordance with
PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

Annex to certificate no.
PER-0168-QS-M 3235841/2022/MUC-01 von / dated 2022-10-20

Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE	Country: IT	Date: rev. 2 2024-08-29	Page: 1 of 3	Competent Body of TUV SUD BAPT Unlimited
Manufacturer: Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)				
City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722289794PER-24 dated 2024-07-25
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t	value	Spec.	No.	Remarks
						from	to	from	to	↓				
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	X2CrNi18-9 (1.4307), X2CrNi19-11 (1.4306), X2CrNi18-10 (1.4311), X5CrNi18-10 (1.4301), X6CrNiTi18-10 (1.4541), X6CrNiNb18-10 (1.4550), X6CrNi18-10 (1.4948), X6CrNiTiB18-10 (1.4941), X7CrNiNb18-10 (1.4912), X2CrNiMo17-12-2 (1.4404), X2CrNiMoN17-11-2 (1.4406), X5CrNiMo17-12-2 (1.4401), X6CrNiMoTi17-12-2 (1.4571), X2CrNiMo17-12-3 (1.4432), X2CrNiMoN17-13-3 (1.4429), X3CrNiMo17-13-3 (1.4436), X2CrNiMo18-14-3 (1.4435), X3CrNiMoBN17-13-3 (1.4910), X2CrNiMoN17-13-5 (1.4439), X1NiCrMoCu25-20-5 (1.4539), X1CrNiMoCuN20-18-7 (1.4547), X1CrNiMoCuN25-20-7 (1.4529), X2CrNiCu19-10 (1.4650), X3CrNiMo18-12-3 (1.4449)	EN	10222-5	AT	die-forgings flanges	-	200	-	500	2	250			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. 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 Approved Body in charge.
02	X2CrNiMoCuWN25-7-4 (1.4501), X2CrNiMoN22-5-3 (1.4462), X2CrNiMoN25-7-4 (1.4410)	EN	10222-5	AT	die-forgings	-	200	-	500	2	200			
03	P250GH (1.0460), 16Mo3 (1.5415), 13CrMo4-5 (1.7335), 11CrMo9-10 (1.7383), X20CrMOV11-1 (1.4922)	EN	10222-2	N/QT	die-forgings	-	200	-	500	2	250			

Explanation: AT = solution annealed NT = normalized and tempererd N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed
 QT = quenched and tempered CR = temperature controlled hot formed (controlled rolled) A = annealed AR = as rolled
 a = material designation in column 10 b = condition in column 10 c = object in column 10
 d = dimensions acc. to technical rules e = weight acc. to technical rules f = technical rules reference column 10

**Scope of the approval – Manufacturer of material in accordance with
PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

Annex to certificate no.
PER-0168-QS-M 3235841/2022/MUC-01 von / dated 2022-10-20

Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE	Country: IT	Date: rev. 2 2024-08-29	Page: 2 of 3	Competent Body of TUV SUD BABT Unlimited
Manufacturer: Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC)				
City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722289794PER-24 dated 2024-07-25
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t	value	Spec.	No.	Remarks
						from	to	from	to	2=kg				
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
04	P265GH (1.0425), P280GH (1.0426) P295GH (1.0481)	EN	10222-2	N	die-forgings	-	200	-	500	2	200			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. 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 Approved Body in charge.
05	13CrMo4-5 (1.7335)	EN	10222-2	QT	flanges	-	50	-	-	2	250			
06	P355NH (1.0565), P355QH1 (1.0571)	EN TÜVV	10222-4 354/3*)	N/QT	die-forgings flanges	- -	200 50	- -	500 -	2 -	250 -			
07*)	12CrMo19-5 (1.7362)	TÜVV	007/3	QT	die-forgings	-	200	-	500	2	250			
08*)	C22.8 (1.0460)	TÜVV	350/3	N	flanges	-	50	-	-	2	250			
09*)	C 22.3 (1.0427)	TÜVV	364	N	die-forgings flanges	- -	200 50	- -	500 -	2 -	250 -			
10*)	C21 (1.0432) / A105	TÜVV	399	N	forgings	-	200	-	500	2	250			
11*)	S355JR (1.0045), S355JO (1.0553) S355J2 (1.0577), S355K2 (1.0596)	EN	10025-2	N	die-forgings	-	200	-	500	2	200			
12*)	S235JRG2, S235J2G3	EN	10250-2	N N U	die-forgings flanges flanges	- - -	200 50 30	- - -	500 - -	2 2 2	250 250 250			
13*)	X30Cr13 (1.4028)	EN	10250-4	QT	die-forgings	-	200	-	500	2	200			
14*)	25CrMo4, 25CrMos4, 42CrMo4, 42CrMoS4	EN ISO	683-2	QT	die-forgings	-	200	-	500	2	250			
15*)	EN AW-5083 (Al Mg4,5Mn0,7)	EN EN	573-3 12392	H112	die-forgings	-	150	-	150	-	-			
16*)	4130,4140	ASTM	A29	QT	die-forgings	-	300	-	500	2	300			

Explanation: AT = solution annealed NT = normalized and tempered N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed
 QT = quenched and tempered CR = temperature controlled hot formed (controlled rolled) A = annealed AR = as rolled
 a = material designation in column 10 b = condition in column 10 c = object in column 10
 d = dimensions acc. to technical rules e = weight acc. to technical rules f = technical rules reference column 10

**Scope of the approval – Manufacturer of material in accordance with
PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

Annex to certificate no.
PER-0168-QS-M 3235841/2022/MUC-01 von / dated 2022-10-20

Name: FEAT GROUP S.p.A. division FEAT INDUSTRIALE Manufacturer: Street: Via Dei Livelli, s.n.c. Plant 1: Via G. Parini, 30, IT – 23861 Cesana Brianza (LC) City: IT – 23842 Bosisio Parini Plant 2: Via Ariosto, 1,2,4,7, IT – 23861 Cesana Brianza (LC)	Country: IT	Date: rev. 2 2024-08-29	Page: 3 of 3	Competent Body of TUV SUD B A B T Unlimited
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No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722289794PER-24 dated 2024-07-25
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t	value	Spec.	No.	Remarks
						from	to	from	to	↓				
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
17*)	A105	ASTM ASME	A105 / SA-105	N	die-forgings	-	200	-	500	2	250			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. 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 Approved Body in charge.
18*)	F91, F92, F304, F304L, F316, F316L F321, F347, F44, F53, F55, F316H F304H, F347H, F51, F53, F60, F5, F12, F22, F11 Cl.2 and Cl.3, F6NM	ASTM ASME	A182 / SA-182	NT/AT	die-forgings	-	200	-	500	2	250			
19*)	LF2	ASTM ASME	A350 SA350	N/QT	die-forgings	-	200	-	500	2	250			
20*)	AISI 420	ASTM	A484	QT	die-forgings	-	200	-	500	2	250			
21*)	N08825, N06625, N04400	ASTM	B564	A	die-forgings	-	200	-	500	2	250			
22*)	UNS N06022, UNS N10276 UNS N08800, UNS N08800, UNS N08810 (INCOLOY800/800H/800HT), N06600 (INCONEL600)	ASTM ASTM	B574 B462	A	die-forgings	-	200	-	500	2	200			
23*)	A48 AP-CP A48 FP	NF NF	A36605 A36605	N QT	die-forgings	-	200	-	500	2	200			
24*)	F91 type 1, F91 type 2, F92	ASTM ASME	A182 / SA-182	NT	die-forgings	-	130	-	500	-	-			
25	X10CrMoVNb9-1 (1.4903)	EN	10222-2	NT	die-forgings	-	130	-	500	-	-			

Explanation: AT = solution annealed NT = normalized and tempererd N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed
 QT = quenched and tempered CR = temperature controlled hot formed (controlled rolled) A = annealed AR = as rolled
 a = material designation in column 10 b = condition in column 10 c = object in column 10
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