Environmental Product Declaration

In accordance with ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021 for multiple products, based on the average results of the product group:

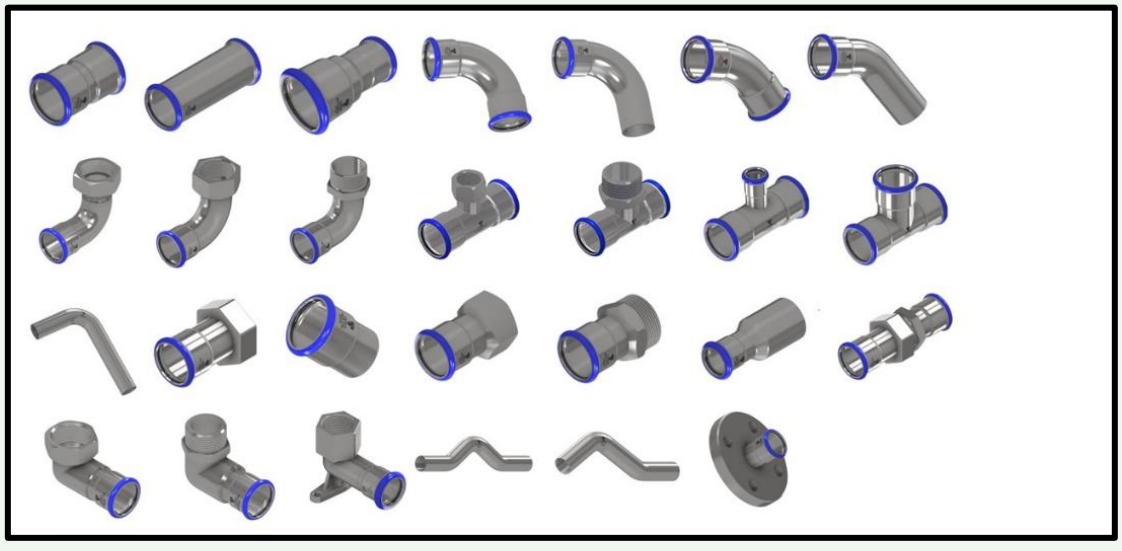
TAVINOX® PRESS, stainless steel press fittings

TAVINOX

from **CZECH STYLE, spol. s r.o.**

CZECH STYLE

Programme:	“National Environmental Labelling Programme” – Czech Republic (NPEZ)
Programme operator:	Ministry of the Environment of the Czech Republic
Type of EPD:	EPD of multiple products, based on the average results of the product group
EPD registration number:	3015-EPD-030070031
Version date:	2026-06-17
Validity date:	2031-06-17
	Original version of the EPD. An EPD may be updated or depublished if conditions change. To find the latest version of the EPD and to confirm its validity, see



GENERAL INFORMATION

Programme Information	
Programme:	**"National Environmental Labelling Programme" – Czech Republic (NPEZ)**
Address:	Ministerstvo životního prostředí ČR Oddělení dobrovolných nástrojů 100 10 Praha 10, Vršovická 1442/65
Website:	https://www.ekoznacka.cz/kontakt/ https://www.ekoznacka.cz/databaze-epd-v-cr/
E-mail:	info@mzp.cz

Product Category Rules (PCR)
CEN standard EN 15804+A2 serves as the Core Product Category Rules (PCR)
Responsibility for LCA: Adam Vojtovič, Jiří Zlámal - Greenometer s.r.o.

Third-party Verification

Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:
☒ EPD verification by accredited certification body

Third-party verification: ***Technický a zkušební ústav stavební Praha, s.p.*** is an approved certification body accountable for the third-party verification.
190 00 Praha 9, Prosecká 811/76a, CZ

The certification body is accredited by: ***Českým institutem pro akreditaci, o.p.s., Osvědčení č. 102/2026***

Verifier: Ing. Lenka Vrbová

Procedure for follow-up of data during EPD validity involves third party verifier:

☐ Yes ☒ No

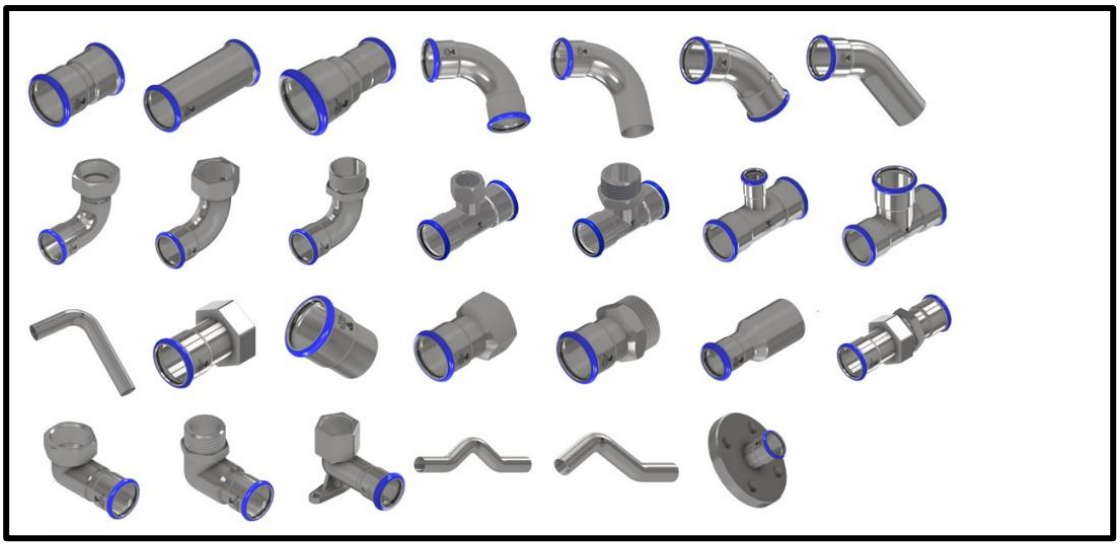
The EPD owner has the sole ownership, liability, and responsibility for the EPD.
EPDs within the same product category but published in different EPD programmes, may not be comparable. For two EPDs to be comparable, they shall be based on the same PCR (including the same first-digit version number) or be based on fully aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have identical scope in terms of included life-cycle stages (unless the excluded life-cycle stage is demonstrated to be insignificant); apply identical impact assessment methods (including the same version of characterisation factors); and be valid at the time of comparison.
For further information about comparability, see EN 15804 and ISO 14025.

INFORMATION ABOUT EPD OWNER

Owner of the EPD: CZECH STYLE, spol. s r.o.
Address: Tečovská 1239, 763 02 Zlín - Malenovice, Czech Republic
Contact: info@czstyle.cz
Address and contact information of the LCA practitioner commissioned by the EPD owner, if applicable: Greenometer s.r.o., Radlická 333/150, 150 57 Praha, IČO 07638990, www.greenometer.com
Adam Vojtovič, Jiří Zlámal
Description of the organisation: CZECH STYLE, spol. s r.o. is the distributor of the TAVINOX® stainless steel piping systems, marketed under the product lines TAVINOX® PRESS and TAVINOX® GROOVE. The company operates a central warehouse in Czech Republic, and supplies certified fittings and pipes to wholesalers and professional installers.
Product-related or management system-related certifications: CZECH STYLE, spol. s r.o. ensures that the distributed TAVINOX® PRESS and TAVINOX® GROOVE systems comply with the relevant product-related technical and certification requirements. Where applicable, the products are supported by corresponding technical documentation, test reports, approvals, and certificates.

PRODUCT INFORMATION

Product name: TAVINOX PRESS
Product identification: Stainless steel press fittings (class AISI 316L).
Visual representation (e.g., an image) of the product:



UN CPC code: CPC 412 – Products of iron or steel
Product description: Stainless steel press fittings made from high-quality corrosion-resistant steel (AISI 316L) used in potable water, heating, cooling, compressed air and industrial applications. Produced through cutting, cold forming, TIG welding, annealing and passivation. Provide fast, safe and permanent connections.
Declared product range: This Environmental Product Declaration represents the TAVINOX PRESS range of stainless-steel press fittings (nominal diameters: 15, 18, 22, 28, 35, 42, 54, 76.1, 88.9, and 108 mm). This EPD declares an average environmental performance for this product family. The variance of the LCIA results among the included products is not significant (< 10 %). A table detailing the weight of each product is provided in the annex, enabling users to scale the EPD results according to specific product parameters. The range of material contents for the individual fittings is detailed in the content declaration table.

Name and location of production site(s): Zhejiang IPC Piping System Co., Ltd. No. 153 Renhe Road, Bingang Industrial City, Yuhuan County, Zhejiang Province, China

CONTENT DECLARATION

Product content	Mass, kg	Post-consumer recycled material, mass-% of product	Biogenic material, mass-% of product	Biogenic material, kg C/product or declared unit
Rubber	0.001	0%	0%	0
Primary stainless steel	0.999	80%	0%	0
TOTAL	1.00	80%	0%	0

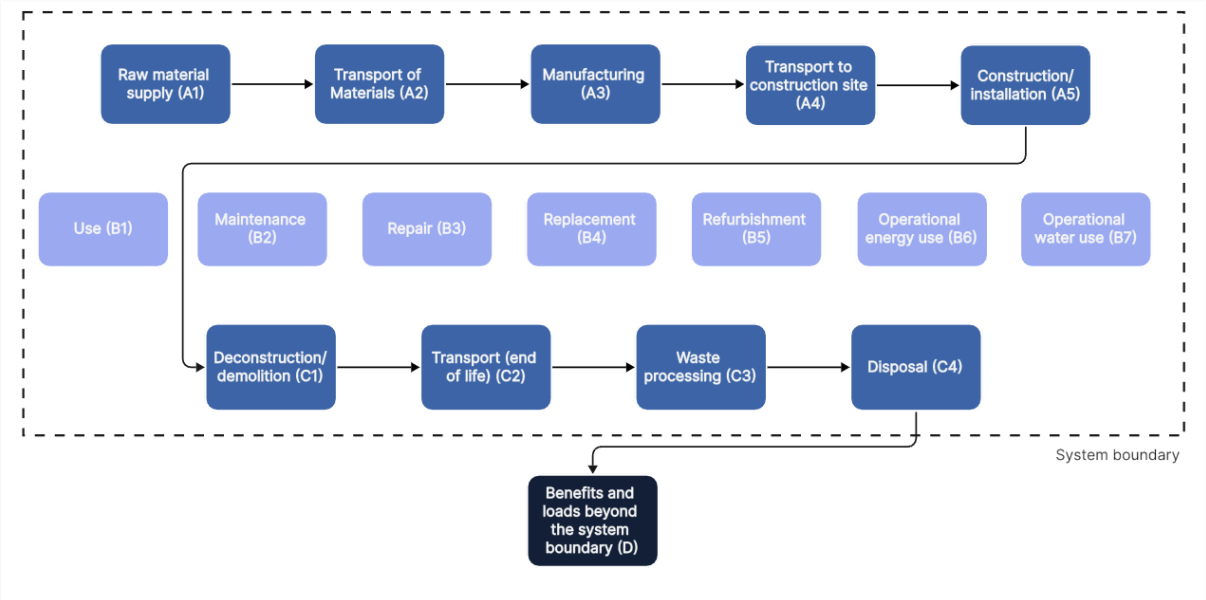
Packaging materials	Mass, kg	Mass-% (versus the product)	Biogenic material, kg C/product or declared unit
Wood packaging	0.2342	23.42%	0.0906
Cardboard packaging	0.0987	9.87%	0.0165
LDPE film	0.0154	1.54%	0
TOTAL	0.3483	34.83%	0.1071

The product does not contain any substances from the Candidate List of Substances of Very High Concern (SVHC) at concentrations above 0.1 % by weight; no SVHCs are present in the product or its packaging

LCA INFORMATION

Declared unit: 1 kg stainless steel press fitting (mass 1 kg)
Reference service life: 50 years
Time representativeness: Primary data collected in 4Q 2025 and 1Q 2026 are representative for 2026 annual production.
Geographical scope: Manufacturing in China; transport, installation and end-of-life processes in Czech Republic and Europe.
Database(s) and LCA software used: OpenLCA; ecoinvent v3.11 with EN 15804+A2 add-on; Impact assessment method: EN 15804+A2 (EF 3.1).
Description of system boundaries: Cradle-to-gate with options; module A1 (raw material supply, inter-facility transport and manufacturing in China, including all packaging materials), A2 (international transport to distribution centre in Zlín, Czech Republic), A3 (storage at distribution centre), A4 (transport to construction site, scalable unit), A5 (installation and packaging disposal), and C1–C4 (end-of-life). Modules B1–B7 (use phase) are excluded because the fittings require no maintenance or additional inputs during use.
Cradle to gate with options, modules C1–C4, module D. Modules B1-B7 were excluded.

Process flow diagram:



More information: TAVINOX PRESS fittings are stainless-steel press components made in China (Zhejiang IPC) and distributed by CZECH STYLE. They are assembled from AISI 316L steel and supplied as ready-to-use connectors for water, heating, air and industrial pipework. The life-cycle assessment follows ISO 14040/44 and EN 15804 +A2 and uses OpenLCA with ecoinvent 3.11; the declared unit is 1 kg of finished fittings. System boundaries are cradle-to-gate with options: module A1 covers raw-material extraction and all manufacturing processes in China (including inter-facility transport and packaging materials), A2 encompasses international multimodal transport from the Chinese facility to the distribution centre in Zlín, A3 covers warehouse storage at the distribution centre, A4 declares transport to the construction site as a scalable unit (lorry 16–32 t, EURO 6), A5 covers disposal of transport packaging during installation, C1–C4 model end-of-life demolition, transport, sorting and landfill/recycling, and module D reports benefits from recycled steel. Use-phase modules B1–B7 are excluded because the fittings are passive and require no maintenance. Modelling uses a modified ecoinvent “market for steel, chromium steel 18/8” process as a proxy for AISI 316L; this dataset was specifically reconfigured to include molybdenum and to accurately reflect the 80 % recycled steel input declared by the manufacturer, replacing the default 55 % scrap assumption. Producing 1 kg of fittings requires an input of 1.05 kg of steel; the resulting 5 % manufacturing scrap is fully included within the system boundaries as process waste routed to recycling. Packaging materials amount to 0.3483 kg per declared unit, consisting of wood packaging (0.2342 kg, modelled as sawnwood), cardboard packaging (0.0987 kg), and LDPE film (0.0154 kg). Warehouse energy is allocated to the product based on annual throughput, installation energy is neglected (cut-off), and default distances are used for transport. End-of-life modelling assumes 85 % steel recycling and 15 % landfill. Module D reports environmental credits based on net scrap flows, calculating the benefits exclusively for the 5 % net positive difference between the EoL recycling rate and the secondary material input.

Allocation: Only mass-based allocation was used for adequate processes.

Electricity mix (A1, A3): The electricity grid emission factors used in the life cycle model reflect the geographical location of each process. The characterisation factors for GWP-GHG are sourced from ecoinvent v3.11 with the EN 15804+A2 add-on and are expressed per kWh of consumed electricity.

Location	Module	GWP-GHG [kg CO_2 eq. / kWh]
China (CN-CCG)	A1	0.861
China (CN-ECGC)	A1	0.764
Czech Republic (CZ)	A3	0.664

Summary of the data quality assessment: Data quality was assessed using the Pedigree Matrix method in accordance with PEFCR criteria. Each background dataset was evaluated across three dimensions: geographical representativeness (G), technological representativeness (T), and temporal representativeness (R), scored on a scale from 1 (very good) to 5 (very poor). The overall scores were calculated as weighted averages based on each process's contribution to the GWP-GHG result, covering datasets that together represent at least 80 % of the A1–A3 results.

Dimension	Weighted average score	Rating
G – Geographical representativeness	2.40	Good to medium
T – Technological representativeness	1.80	Very good to good
R – Temporal representativeness	1.00	Very good

For upstream life-cycle stages, the following scenarios were modelled:
A1 Raw material supply, inter-facility transport & manufacturing: Accounts for the extraction and processing of primary materials, predominantly the stainless steel proxy modified to accurately represent AISI 316L (including molybdenum). The model explicitly incorporates an 80% recycled scrap input. Producing 1 kg of the final fittings requires a material input of 1.05 kg of steel. This module also includes transport between manufacturing facilities in China and all packaging materials (sawnwood, corrugated board, and LDPE film).

A2 Transport to distribution centre: Covers the international multimodal transport of finished products from the manufacturing facility in China (Zhejiang IPC) to the central distribution warehouse in Zlín, Czech Republic, comprising road transport in China (100 km), transoceanic sea freight (20,000 km), rail transport in Europe (800 km), and final road delivery in Czech Republic (10 km).

A3 Storage at distribution centre: Accounts for the electricity consumption associated with the operation of the distribution warehouse in Zlín, Czech Republic, allocated to the product based on annual throughput (0.1711 kWh per kg of product). The Czech national electricity grid mix (ecoinvent v3.11, CZ) is applied.

The total share of primary data contributing to the declared GWP-GHG results of modules A1–A3:

Process	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1–A3
A1 Raw material supply, manufacturing & packaging	Primary data (weights, compositions, energy consumption, distances) / Database data (emission factors)	EPD owner	2025	Primary	**93.9 %**
A2 Transport to distribution centre	Primary data (distances, transport modes) / Database data (emission factors)	EPD owner	2025	Primary	**4.6 %**
A3 Storage at distribution centre	Primary data (energy consumption) / Database data (emission factors)	EPD owner	2025	Primary	**1.5 %**
Total share of primary data in A1-A3					98.5 %

For downstream life-cycle stages, the following scenarios were modelled:
A4 Transport: A default transport distance of 1 km to the construction site was assumed for comparability purposes. The declared result is expressed per kg·km and is scalable for specific project conditions. Transport is modelled as a lorry 16–32 t, EURO 6 (RER). The declared unit of 1 kg fitting including packaging has a total transport mass of 1.3483 kg; results can be scaled by multiplying the declared values by the actual transport distance in kilometres.

A5 Installation: The physical installation process (pressing the fittings using electrical tools) consumes a negligible amount of energy and is excluded based on cut-off criteria. Therefore, this module exclusively accounts for the end-of-life treatment of the transport packaging materials (wood, corrugated board, and LDPE film) at the installation site, which is essential for ensuring a neutral biogenic carbon balance.

B Use stage (B1–B7): No maintenance, repair, replacement, energy consumption, or material inputs are required. The stainless steel fittings remain completely passive throughout their service life; hence, the environmental impacts for the use stage are considered to be zero and are excluded from the assessment.

C1–C4 End-of-life: Modelled using the default scenarios for construction products as per PCR 2019:14, with a selective distribution between treatment routes based on an 85% material recycling rate for steel:

C1 Deconstruction: Accounts for diesel consumption by construction machinery during the demolition process.

C2 Transport: A default transport distance of 80 km to the waste processing facility was assumed.

C3 Waste processing: Covers the energy required for the sorting and shredding of the 85% material fraction (0.85 kg) destined for recycling.

C4 Disposal: The remaining 15% material fraction (0.15 kg) is modelled as being disposed of in an inert material landfill.

Module D: Accounts for potential environmental benefits and loads beyond the system boundaries arising from the recycling of stainless steel. It reflects the environmental credits associated with the net flow of secondary material, representing the avoidance of primary stainless steel production.

Modules declared, geographical scope, share of primary data (in GWP-GHG results) and data variation (in GWP-GHG results):

	Product stage			Distribution/ installation stage		Use stage							End-of-life stage				Beyond product life cycle
	Raw material supply	Transport	Manufacturing	Transport	Construction installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
Module	**A1**	**A2**	**A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Modules declared	X	X	X	X	X	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	GLO	GLO	CZ	RER	RER	-	-	-	-	-	-	-	GLO	RER	CZ	RER	GLO
Share of primary data	98,5%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	<10%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%					-	-	-	-	-	-	-	-	-	-	-	-

ENVIRONMENTAL PERFORMANCE

LCA results of the product(s) - main environmental performance results

Mandatory impact category indicators according to EN 15804

Results per functional or declared unit										
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO2 eq.	7.43E+00	2.52E-04	5.26E-01	ND	2.42E-02	1.52E-02	1.73E-01	9.40E-04	-2.55E-01
GWP-fossil	kg CO2 eq.	7.81E+00	2.52E-04	2.04E-02	ND	2.41E-02	1.52E-02	1.73E-01	9.40E-04	-2.51E-01
GWP-biogenic	kg CO2 eq.	-3.84E-01	1.75E-07	5.06E-01	ND	4.84E-06	1.04E-05	4.36E-05	4.59E-07	-2.78E-03
GWP-luluc	kg CO2 eq.	1.07E-02	8.47E-08	1.58E-06	ND	2.45E-06	5.04E-06	1.94E-05	5.34E-07	-2.80E-04
ODP	kg CFC-11 eq.	6.09E-08	5.49E-12	9.97E-11	ND	3.55E-10	3.32E-10	2.53E-09	2.61E-11	-1.75E-09
AP	mol H+ eq.	5.37E-02	5.40E-07	6.13E-05	ND	9.67E-05	4.89E-05	6.90E-04	6.57E-06	-1.42E-03
EP-freshwater	kg P eq.	6.92E-03	1.75E-08	4.74E-06	ND	7.71E-07	1.04E-06	7.30E-06	8.22E-08	-2.50E-04
EP-marine	kg N eq.	1.12E-02	1.30E-07	2.30E-04	ND	4.17E-05	1.65E-05	3.00E-04	2.52E-06	-2.60E-04
EP-terrestrial	mol N eq.	1.22E-01	1.41E-06	2.70E-04	ND	4.60E-04	1.80E-04	3.25E-03	2.76E-05	-2.72E-03
POCP	kg NMVOC eq.	3.54E-02	8.57E-07	2.00E-04	ND	1.60E-04	7.41E-05	1.11E-03	9.95E-06	-8.50E-04
ADP-minerals&metals*	kg Sb eq.	5.71E-04	8.84E-10	1.37E-08	ND	8.80E-09	5.25E-08	6.39E-08	1.41E-09	-6.92E-06
ADP-fossil*	MJ	9.48E+01	3.58E-03	6.98E-02	ND	3.12E-01	2.16E-01	2.23E+00	2.30E-02	-2.83E+00
WDP*	m3 World eq.	3.05E+00	1.90E-05	4.41E-03	ND	8.00E-04	1.13E-03	6.10E-03	1.01E-03	-9.69E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption									

* Disclaimer: The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.

The estimated impact results are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins and/or risks.

The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3).

Additional mandatory and voluntary impact category indicators

Results per functional or declared unit										
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-GHG	kg CO2 eq.	7.84E+00	2.52E-04	3.38E-01	ND	2.41E-02	1.52E-02	1.73E-01	9.40E-04	-2.52E-01
IRP	kBq U235 eq.	6.34E-01	4.32E-06	7.58E-05	ND	1.30E-04	2.60E-04	1.46E-03	1.38E-05	-1.62E-02
PM	Disease Incidence	6.48E-07	1.89E-11	7.74E-10	ND	1.76E-09	1.22E-09	1.26E-08	1.51E-10	-2.19E-08
SQP	Dimensionl ess	1.02E+02	2.15E-03	1.65E-01	ND	2.07E-02	1.28E-01	1.49E-01	4.52E-02	-1.36E+00
HTP-nc	CTUh	1.38E-07	2.26E-12	8.28E-09	ND	5.64E-11	1.35E-10	4.09E-10	3.83E-12	-6.18E-09
HTP-c	CTUh	7.36E-09	4.23E-14	7.25E-11	ND	1.54E-11	2.60E-12	1.10E-10	1.70E-13	-3.41E-10
ETP-fw	CTUe	9.35E+01	4.80E-04	6.54E-01	ND	1.69E-02	2.86E-02	1.24E-01	1.66E-03	-1.47E+01
Additional voluntary indicators e.g. the voluntary indicators from EN 15804 or the global indicators according to ISO 21930:2017	GHG-GWP = Global warming potential except emissions and uptake of biogenic carbon; IRP = Ionizing radiation, human health; PM = Particulate matter emissions; SQP = Potential soil quality index; HTP-nc = Human toxicity, non-cancer effects; HTP-c = Human toxicity, cancer effects; ETP-fw = Eco-toxicity (freshwater)									

Resource use indicators

Results per functional or declared unit										
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	MJ	2.40E+01	5.90E-05	1.22E-03	ND	1.96E-03	3.51E-03	1.50E-02	2.20E-04	-7.44E-01
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.40E+01	5.90E-05	1.22E-03	ND	1.96E-03	3.51E-03	1.50E-02	2.20E-04	-7.44E-01
PENRE	MJ	9.48E+01	3.58E-03	6.98E-02	ND	3.12E-01	2.16E-01	2.23E+00	2.30E-02	-2.83E+00
PENRM	MJ	0.00E+00	0.00E+00	0.00E+00	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	9.48E+01	3.58E-03	6.98E-02	ND	3.12E-01	2.16E-01	2.23E+00	2.30E-02	-2.83E+00
SM	kg	8.06E-01	3.49E-06	1.00E-04	ND	1.80E-04	2.10E-04	1.36E-03	1.02E-05	-3.19E-02
RSF	MJ	4.52E-02	8.21E-07	1.34E-05	ND	1.85E-05	4.89E-05	1.90E-04	1.92E-06	-1.73E-03
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

FW	m3	7.48E-02	4.38E-07	4.78E-05	ND	2.00E-05	2.61E-05	1.50E-04	2.38E-05	-2.23E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water									

Waste indicators

Results per functional or declared unit										
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	4.55E+00	3.68E-06	8.70E-04	ND	2.80E-04	2.20E-04	1.99E-03	1.86E-05	-2.42E-01
Non-hazardous waste disposed	kg	6.07E+00	3.94E-05	3.51E-01	ND	2.04E-03	2.34E-03	1.47E-02	2.50E-04	-2.36E-01
Radioactive waste disposed	kg	1.02E-04	1.07E-09	1.88E-08	ND	3.26E-08	6.35E-08	3.55E-07	3.35E-09	-4.10E-06

Output flow indicators

Results per functional or declared unit										
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	1.46E-01	3.15E-06	7.37E-05	ND	1.50E-04	1.90E-04	1.13E-03	8.51E-06	-4.28E-03
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy, electricity	MJ	2.81E-02	6.97E-07	1.10E-05	ND	1.45E-05	4.15E-05	1.10E-04	1.47E-06	-9.60E-04
Exported energy, thermal	MJ	8.52E-02	8.41E-07	2.17E-05	ND	6.89E-06	5.03E-05	5.07E-05	7.88E-07	-4.51E-03

ADDITIONAL ENVIRONMENTAL INFORMATION

Release of substances during use stage: TAVINOX PRESS fittings are made from corrosion-resistant stainless steel AISI 316L and use EPDM, FKM or HNBR O-rings that are certified for contact with potable water. The manual notes that stainless-steel fittings are considered safe under normal conditions and compliant with hygiene and health regulations. O-rings are pre-lubricated with silicone and ensure a leak-proof connection when properly pressed; unpressed joints are detected by a leak-indicator design. Because the fittings are inert and designed for drinking-water applications, there is no release of hazardous substances during use, provided the system is installed and operated according to relevant standards.

Instructions for use: The technical manual requires installers to read the manual before installation. Installation steps include cutting the pipe to length with an appropriate cutter, deburring and calibrating both ends to avoid damaging the O-ring, checking that the O-rings are present and correctly seated, marking the correct insertion depth, fully inserting the pipe into the fitting until it reaches the stop, and pressing the joint with the correct pressing jaws. Lubricants must not be used; only a small amount of water may be applied to assist insertion. After pressing, the blue pressing indicator will detach; if it does not, it should be removed manually. Installers should use tools specifically designed for stainless steel and wear protective glasses and gloves.

Recycling and end-of-life treatment: TAVINOX PRESS fittings use stainless steel containing at least 80 % post-consumer recycled content and are themselves 100 % recyclable. At end of life, the fittings can be demounted; the environmental assessment assumes that 85 % of the steel is recycled and 15 % is landfilled, with module D crediting the avoided impacts of producing virgin steel. Transport packaging (wooden supports, cardboard and LDPE film) is removed at installation and treated in accordance with local recycling or waste-management regulations. There is no release of harmful substances during disposal; recycling recovers valuable steel while reducing environmental impacts.

Organisational environmental work

CZECH STYLE, spol. s r.o. places strong emphasis on environmental responsibility and the continuous improvement of its operational processes. The company has implemented and maintains certified management systems in accordance with ISO 9001, ISO 14001, ISO 45001 and ISO 50001, supporting quality management, environmental management, occupational health and safety, and energy management.

As part of its environmental commitment, the company operates a rooftop photovoltaic power plant installed on its warehouse facilities with a total capacity of 139,82 kWp, contributing to a reduction in externally sourced energy consumption and related environmental impacts. The company also engages in waste reduction measures, material sorting, recycling activities, and the take-back and recovery of rubber waste within its broader business operations. Through these activities, CZECH STYLE, spol. s r.o. aims to support resource efficiency, responsible waste management, and the long-term sustainability of its operations.

ANNEX – PRESS 316L

Name 2	Name 1	EAN - basic	Weight (kg)
NA10FF.15	PRESS 316L Nátrubek (FxF) 15mm	8596683000007	0,04
NA10FF.18	PRESS 316L Nátrubek (FxF) 18mm	8596683000038	0,04
NA10FF.22	PRESS 316L Nátrubek (FxF) 22mm	8596683000069	0,05
NA10FF.28	PRESS 316L Nátrubek (FxF) 28mm	8596683000090	0,07
NA10FF.35	PRESS 316L Nátrubek (FxF) 35mm	8596683000120	0,1
NA10FF.42	PRESS 316L Nátrubek (FxF) 42mm	8596683000151	0,14
NA10FF.54	PRESS 316L Nátrubek (FxF) 54 mm	8596683000182	0,202
NA10FF.76	PRESS 316L Nátrubek (FxF) 76,1 mm	8596683000212	0,593
NA10FF.88	PRESS 316L Nátrubek (FxF) 88,9 mm	8596683000243	0,821
NA10FF.108	PRESS 316L Nátrubek (FxF) 108 mm	8596683000274	1,216
OB12FF.15	PRESS 316L Oblouk 90° (FxF) 15 mm	8596683000304	0,053
OB12FF.18	PRESS 316L Oblouk 90° (FxF) 18 mm	8596683000335	0,062
OB12FF.22	PRESS 316L Oblouk 90° (FxF) 22 mm	8596683000366	0,08
OB12FF.28	PRESS 316L Oblouk 90° (FxF) 28 mm	8596683000397	0,13
OB12FF.35	PRESS 316L Oblouk 90° (FxF) 35 mm	8596683000427	0,173
OB12FF.42	PRESS 316L Oblouk 90° (FxF) 42 mm	8596683000458	0,25
OB12FF.54	PRESS 316L Oblouk 90° (FxF) 54 mm	8596683000489	0,372
OB12FF.76	PRESS 316L Oblouk 90° (FxF) 76,1 mm	8596683000519	1,025
OB12FF.88	PRESS 316L Oblouk 90° (FxF) 88,9 mm	8596683000540	1,463
OB12FF.108	PRESS 316L Oblouk 90° (FxF) 108 mm	8596683000571	2,002
OB12MF.15	PRESS 316L Oblouk 90° (MxF) 15 mm	8596683000601	0,058
OB12MF.18	PRESS 316L Oblouk 90° (MxF) 18 mm	8596683000632	0,071
OB12MF.22	PRESS 316L Oblouk 90° (MxF) 22 mm	8596683000663	0,088
OB12MF.28	PRESS 316L Oblouk 90° (MxF) 28 mm	8596683000694	0,129
OB12MF.35	PRESS 316L Oblouk 90° (MxF) 35 mm	8596683000724	0,174
OB12MF.42	PRESS 316L Oblouk 90° (MxF) 42 mm	8596683000755	0,241
OB12MF.54	PRESS 316L Oblouk 90° (MxF) 54 mm	8596683000786	0,381
OB12MF.76	PRESS 316L Oblouk 90° (MxF) 76,1 mm	8596683000816	1,15
OB12MF.88	PRESS 316L Oblouk 90° (MxF) 88,9 mm	8596683000847	1,5
OB12MF.108	PRESS 316L Oblouk 90° (MxF) 108 mm	8596683000878	2,15
OB11FF.15	PRESS 316L Oblouk 45° (FxF) 15 mm	8596683000908	0,046
OB11FF.18	PRESS 316L Oblouk 45° (FxF) 18 mm	8596683000939	0,056
OB11FF.22	PRESS 316L Oblouk 45° (FxF) 22 mm	8596683000960	0,067
OB11FF.28	PRESS 316L Oblouk 45° (FxF) 28 mm	8596683000991	0,101
OB11FF.35	PRESS 316L Oblouk 45° (FxF) 35 mm	8596683001028	0,134
OB11FF.42	PRESS 316L Oblouk 45° (FxF) 42 mm	8596683001059	0,22
OB11FF.54	PRESS 316L Oblouk 45° (FxF) 54 mm	8596683001080	0,31

OB11FF.76	PRESS 316L Oblouk 45° (FxF) 76,1 mm	8596683001110	0,85
OB11FF.88	PRESS 316L Oblouk 45° (FxF) 88,9 mm	8596683001141	1,15
OB11FF.108	PRESS 316L Oblouk 45° (FxF) 108 mm	8596683001172	1,7
OB11MF.15	PRESS 316L Oblouk 45° (MxF) 15 mm	8596683001202	0,041
OB11MF.18	PRESS 316L Oblouk 45° (MxF) 18 mm	8596683001233	0,059
OB11MF.22	PRESS 316L Oblouk 45° (MxF) 22 mm	8596683001264	0,072
OB11MF.28	PRESS 316L Oblouk 45° (MxF) 28 mm	8596683001295	0,109
OB11MF.35	PRESS 316L Oblouk 45° (MxF) 35 mm	8596683001325	0,142
OB11MF.42	PRESS 316L Oblouk 45° (MxF) 42 mm	8596683001356	0,22
OB11MF.54	PRESS 316L Oblouk 45° (MxF) 54 mm	8596683001387	0,329
OB11MF.76	PRESS 316L Oblouk 45° (MxF) 76,1 mm	8596683001417	0,9
OB11MF.88	PRESS 316L Oblouk 45° (MxF) 88,9 mm	8596683001448	1,2
OB11MF.108	PRESS 316L Oblouk 45° (MxF) 108 mm	8596683001479	1,6
NS10FRP.1512	PRESS 316L Nástěnka (FxRp) 15 mm x 1/2"	8596683001509	0,135
NS10FRP.1812	PRESS 316L Nástěnka (FxRp) 18 mm x 1/2"	8596683001530	0,13
NS10FRP.2234	PRESS 316L Nástěnka (FxRp) 22 mm x 3/4"	8596683001561	0,181
PR14MF.1815	PRESS 316L Redukovaná vsuvka (MxF) 18 x 15 mm	8596683001592	0,043
PR14MF.2215	PRESS 316L Redukovaná vsuvka (MxF) 22 x 15 mm	8596683001622	0,048
PR14MF.2218	PRESS 316L Redukovaná vsuvka (MxF) 22 x 18 mm	8596683001653	0,051
PR14MF.2815	PRESS 316L Redukovaná vsuvka (MxF) 28 x 15 mm	8596683001684	0,08
PR14MF.2818	PRESS 316L Redukovaná vsuvka (MxF) 28 x 18 mm	8596683001714	0,07
PR14MF.2822	PRESS 316L Redukovaná vsuvka (MxF) 28 x 22 mm	8596683001745	0,068
PR14MF.3515	PRESS 316L Redukovaná vsuvka (MxF) 35 x 15 mm	8596683001776	0,098
PR14MF.3518	PRESS 316L Redukovaná vsuvka (MxF) 35 x 18 mm	8596683001806	0,093
PR14MF.3522	PRESS 316L Redukovaná vsuvka (MxF) 35 x 22 mm	8596683001837	0,09
PR14MF.3528	PRESS 316L Redukovaná vsuvka (MxF) 35 x 28 mm	8596683001868	0,093
PR14MF.4215	PRESS 316L Redukovaná vsuvka (MxF) 42 x 15 mm	8596683001899	0,115
PR14MF.4218	PRESS 316L Redukovaná vsuvka (MxF) 42 x 18 mm	8596683001929	0,116
PR14MF.4222	PRESS 316L Redukovaná vsuvka (MxF) 42 x 22 mm	8596683001950	0,125
PR14MF.4228	PRESS 316L Redukovaná vsuvka (MxF) 42 x 28 mm	8596683001981	0,121
PR14MF.4235	PRESS 316L Redukovaná vsuvka (MxF) 42 x 35 mm	8596683002018	0,12
PR14MF.5415	PRESS 316L Redukovaná vsuvka (MxF) 54 x 15 mm	8596683002049	0,099
PR14MF.5418	PRESS 316L Redukovaná vsuvka (MxF) 54 x 18 mm	8596683002070	0,149
PR14MF.5422	PRESS 316L Redukovaná vsuvka (MxF) 54 x 22 mm	8596683002100	0,17
PR14MF.5428	PRESS 316L Redukovaná vsuvka (MxF) 54 x 28 mm	8596683002131	0,175
PR14MF.5435	PRESS 316L Redukovaná vsuvka (MxF) 54 x 35 mm	8596683002162	0,18
PR14MF.5442	PRESS 316L Redukovaná vsuvka (MxF) 54 x 42 mm	8596683002193	0,19
PR14MF.7622	PRESS 316L Redukovaná vsuvka (MxF) 76,1 x 22 mm	8596683002223	0,25
PR14MF.7628	PRESS 316L Redukovaná vsuvka (MxF) 76,1 x 28 mm	8596683002254	0,25
PR14MF.7635	PRESS 316L Redukovaná vsuvka (MxF) 76,1 x 35 mm	8596683002285	0,25
PR14MF.7642	PRESS 316L Redukovaná vsuvka (MxF) 76,1 x 42 mm	8596683002315	0,332
PR14MF.7654	PRESS 316L Redukovaná vsuvka (MxF) 76,1 x 54 mm	8596683002346	0,345
PR14MF.8842	PRESS 316L Redukovaná vsuvka (MxF) 88,9 x 42 mm	8596683002377	0,375
PR14MF.8854	PRESS 316L Redukovaná vsuvka (MxF) 88,9 x 54 mm	8596683002407	0,42
PR14MF.8876	PRESS 316L Redukovaná vsuvka (MxF) 88,9 x 76,1 mm	8596683002438	0,726

PR14MF.10854	PRESS 316L Redukovaná vsuvka (MxF) 108 x 54 mm	8596683002469	0,812
PR14MF.10876	PRESS 316L Redukovaná vsuvka (MxF) 108 x 76,1 mm	8596683002490	1,014
PR14MF.10888	PRESS 316L Redukovaná vsuvka (MxF) 108 x 88,9 mm	8596683002520	1,076
UC10F.15	PRESS 316L Víčko (F) 15 mm	8596683002551	0,028
UC10F.18	PRESS 316L Víčko (F) 18 mm	8596683002582	0,034
UC10F.22	PRESS 316L Víčko (F) 22 mm	8596683002612	0,035
UC10F.28	PRESS 316L Víčko (F) 28 mm	8596683002643	0,048
UC10F.35	PRESS 316L Víčko (F) 35 mm	8596683002674	0,064
UC10F.42	PRESS 316L Víčko (F) 42 mm	8596683002704	0,098
UC10F.54	PRESS 316L Víčko (F) 54 mm	8596683002735	0,138
UC10F.76	PRESS 316L Víčko (F) 76,1 mm	8596683002766	0,385
UC10F.88	PRESS 316L Víčko (F) 88,9 mm	8596683002797	0,5
UC10F.108	PRESS 316L Víčko (F) 108 mm	8596683002827	0,75
TK10FFF.15	PRESS 316L T-kus (FxFxF) 15 mm	8596683002858	0,069
TK10FFF.18	PRESS 316L T-kus (FxFxF) 18 mm	8596683002889	0,08
TK10FFF.22	PRESS 316L T-kus (FxFxF) 22 mm	8596683002919	0,106
TK10FFF.28	PRESS 316L T-kus (FxFxF) 28 mm	8596683002940	0,141
TK10FFF.35	PRESS 316L T-kus (FxFxF) 35 mm	8596683002971	0,19
TK10FFF.42	PRESS 316L T-kus (FxFxF) 42 mm	8596683003008	0,269
TK10FFF.54	PRESS 316L T-kus (FxFxF) 54 mm	8596683003039	0,4
TK10FFF.76	PRESS 316L T-kus (FxFxF) 76,1 mm	8596683003060	1,18
TK10FFF.88	PRESS 316L T-kus (FxFxF) 88,9 mm	8596683003091	1,525
TK10FFF.108	PRESS 316L T-kus (FxFxF) 108 mm	8596683003121	2,255
TK14FFF.181518	PRESS 316L Redukovaný T-kus (FxFxF) 18 x 15 x 18 mm	8596683003152	0,08
TK14FFF.221522	PRESS 316L Redukovaný T-kus (FxFxF) 22 x 15 x 22 mm	8596683003183	0,095
TK14FFF.221822	PRESS 316L Redukovaný T-kus (FxFxF) 22 x 18 x 22 mm	8596683003213	0,098
TK14FFF.281528	PRESS 316L Redukovaný T-kus (FxFxF) 28 x 15 x 28 mm	8596683003244	0,122
TK14FFF.281828	PRESS 316L Redukovaný T-kus (FxFxF) 28 x 18 x 28 mm	8596683003275	0,126
TK14FFF.282228	PRESS 316L Redukovaný T-kus (FxFxF) 28 x 22 x 28 mm	8596683003305	0,133
TK14FFF.351535	PRESS 316L Redukovaný T-kus (FxFxF) 35 x 15 x 35 mm	8596683003336	0,167
TK14FFF.351835	PRESS 316L Redukovaný T-kus (FxFxF) 35 x 18 x 35 mm	8596683003367	0,163
TK14FFF.352235	PRESS 316L Redukovaný T-kus (FxFxF) 35 x 22 x 35 mm	8596683003398	0,168
TK14FFF.352835	PRESS 316L Redukovaný T-kus (FxFxF) 35 x 28 x 35 mm	8596683003428	0,185
TK14FFF.421542	PRESS 316L Redukovaný T-kus (FxFxF) 42 x 15 x 42 mm	8596683003459	0,226
TK14FFF.421842	PRESS 316L Redukovaný T-kus (FxFxF) 42 x 18 x 42 mm	8596683003480	0,229
TK14FFF.422242	PRESS 316L Redukovaný T-kus (FxFxF) 42 x 22 x 42 mm	8596683003510	0,233
TK14FFF.422842	PRESS 316L Redukovaný T-kus (FxFxF) 42 x 28 x 42 mm	8596683003541	0,241
TK14FFF.423542	PRESS 316L Redukovaný T-kus (FxFxF) 42 x 35 x 42 mm	8596683003572	0,253
TK14FFF.541554	PRESS 316L Redukovaný T-kus (FxFxF) 54 x 15 x 54 mm	8596683003602	0,331
TK14FFF.541854	PRESS 316L Redukovaný T-kus (FxFxF) 54 x 18 x 54 mm	8596683003633	0,334
TK14FFF.542254	PRESS 316L Redukovaný T-kus (FxFxF) 54 x 22 x 54 mm	8596683003664	0,346
TK14FFF.542854	PRESS 316L Redukovaný T-kus (FxFxF) 54 x 28 x 54 mm	8596683003695	0,354
TK14FFF.543554	PRESS 316L Redukovaný T-kus (FxFxF) 54 x 35 x 54 mm	8596683003725	0,36
TK14FFF.544254	PRESS 316L Redukovaný T-kus (FxFxF) 54 x 42 x 54 mm	8596683003756	0,365
TK14FFF.762276	PRESS 316L Redukovaný T-kus (FxFxF) 76,1 x 22 x 76,1 mm	8596683003787	0,895

TK14FFF.762876	PRESS 316L Redukovaný T-kus (FxFxF) 76,1 x 28 x 76,1 mm	8596683003817	0,915
TK14FFF.763576	PRESS 316L Redukovaný T-kus (FxFxF) 76,1 x 35 x 76,1 mm	8596683003848	0,932
TK14FFF.764276	PRESS 316L Redukovaný T-kus (FxFxF) 76,1 x 42 x 76,1 mm	8596683003879	0,953
TK14FFF.765476	PRESS 316L Redukovaný T-kus (FxFxF) 76,1 x 54 x 76,1 mm	8596683003909	0,975
TK14FFF.882288	PRESS 316L Redukovaný T-kus (FxFxF) 88,9 x 22 x 88,9 mm	8596683003930	1,14
TK14FFF.882888	PRESS 316L Redukovaný T-kus (FxFxF) 88,9 x 28 x 88,9 mm	8596683003961	1,19
TK14FFF.883588	PRESS 316L Redukovaný T-kus (FxFxF) 88,9 x 35 x 88,9 mm	8596683003992	1,214
TK14FFF.884288	PRESS 316L Redukovaný T-kus (FxFxF) 88,9 x 42 x 88,9 mm	8596683004029	1,204
TK14FFF.885488	PRESS 316L Redukovaný T-kus (FxFxF) 88,9 x 54 x 88,9 mm	8596683004050	1,238
TK14FFF.887688	PRESS 316L Redukovaný T-kus (FxFxF) 88,9 x 76,1 x 88,9 mm	8596683004081	1,443
TK14FFF.10822108	PRESS 316L Redukovaný T-kus (FxFxF) 108 x 22 x 108 mm	8596683004111	1,682
TK14FFF.10828108	PRESS 316L Redukovaný T-kus (FxFxF) 108 x 28 x 108 mm	8596683004142	1,697
TK14FFF.10835108	PRESS 316L Redukovaný T-kus (FxFxF) 108 x 35 x 108 mm	8596683004173	1,717
TK14FFF.10842108	PRESS 316L Redukovaný T-kus (FxFxF) 108 x 42 x 108 mm	8596683004203	1,739
TK14FFF.10854108	PRESS 316L Redukovaný T-kus (FxFxF) 108 x 54 x 108 mm	8596683004234	1,765
TK14FFF.10876108	PRESS 316L Redukovaný T-kus (FxFxF) 108 x 76,1 x 108 mm	8596683004265	1,785
TK14FFF.10888108	PRESS 316L Redukovaný T-kus (FxFxF) 108 x 88,9 x 108 mm	8596683004296	1,817
TK10FRPF.151215	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 15 mm x 1/2" x 15 mm	8596683004326	0,085
TK10FRPF.181218	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 18 mm x 1/2" x 18 mm	8596683004357	0,105
TK10FRPF.183418	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 18 mm x 3/4" x 18 mm	8596683004388	0,114
TK10FRPF.221222	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 22 mm x 1/2" x 22 mm	8596683004418	0,125
TK10FRPF.281228	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 28 mm x 1/2" x 28 mm	8596683004449	0,148
TK10FRPF.351235	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 35 mm x 1/2" x 35 mm	8596683004470	0,193
TK10FRPF.421242	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 42 mm x 1/2" x 42 mm	8596683004500	0,252
TK10FRPF.541254	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 54 mm x 1/2" x 54 mm	8596683004531	0,348
TK10FRPF.763476	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 76,1 mm x 3/4" x 76,1 mm	8596683004562	0,915
TK10FRPF.10834108	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 108 mm x 3/4" x 108 mm	8596683004593	1,712
PR10FRP.1538	PRESS 316L Přechodka s vnitřním závitem (FxRp) 15 mm x 3/8"	8596683004623	0,04
PR10FRP.1512	PRESS 316L Přechodka s vnitřním závitem (FxRp) 15 mm x 1/2"	8596683004654	0,05
PR10FRP.1534	PRESS 316L Přechodka s vnitřním závitem (FxRp) 15 mm x 3/4"	8596683004685	0,086
PR10FRP.1812	PRESS 316L Přechodka s vnitřním závitem (FxRp) 18 mm x 1/2"	8596683004715	0,057
PR10FRP.1834	PRESS 316L Přechodka s vnitřním závitem (FxRp) 18 mm x 3/4"	8596683004746	0,087
PR10FRP.2212	PRESS 316L Přechodka s vnitřním závitem (FxRp) 22 mm x 1/2"	8596683004777	0,079
PR10FRP.2234	PRESS 316L Přechodka s vnitřním závitem (FxRp) 22 mm x 3/4"	8596683004807	0,092
PR10FRP.221	PRESS 316L Přechodka s vnitřním závitem (FxRp) 22 mm x 1"	8596683004838	0,14
PR10FRP.2834	PRESS 316L Přechodka s vnitřním závitem (FxRp) 28 mm x 3/4"	8596683004869	0,099
PR10FRP.281	PRESS 316L Přechodka s vnitřním závitem (FxRp) 28 mm x 1"	8596683004890	0,13
PR10FRP.2854	PRESS 316L Přechodka s vnitřním závitem (FxRp) 28 mm x 5/4"	8596683004920	0,155
PR10FRP.351	PRESS 316L Přechodka s vnitřním závitem (FxRp) 35 mm x 1"	8596683004951	0,153
PR10FRP.3554	PRESS 316L Přechodka s vnitřním závitem (FxRp) 35 mm x 5/4"	8596683004982	0,169
PR10FRP.3564	PRESS 316L Přechodka s vnitřním závitem (FxRp) 35 mm x 6/4"	8596683005019	0,171
PR10FRP.4254	PRESS 316L Přechodka s vnitřním závitem (FxRp) 42 mm x 5/4"	8596683005040	0,227
PR10FRP.4264	PRESS 316L Přechodka s vnitřním závitem (FxRp) 42 mm x 6/4"	8596683005071	0,219
PR10FRP.5464	PRESS 316L Přechodka s vnitřním závitem (FxRp) 54 mm x 6/4"	8596683005101	0,226

PR10FRP.542	PRESS 316L Přechodka s vnitřním závitem (FxRp) 54 mm x 2"	8596683005132	0,398
PR10FRP.76212	PRESS 316L Přechodka s vnitřním závitem (FxRp) 76,1 mm x 2 1/2"	8596683005163	0,829
PR10FRP.883	PRESS 316L Přechodka s vnitřním závitem (FxRp) 88,9 mm x 3"	8596683005194	1,125
PR10FRP.1084	PRESS 316L Přechodka s vnitřním závitem (FxRp) 108 mm x 4"	8596683005224	2,18
PR10FR.1512	PRESS 316L Přechodka s vnějším závitem (FxR) 15 mm x 1/2"	8596683005255	0,064
PR10FR.1534	PRESS 316L Přechodka s vnějším závitem (FxR) 15 mm x 3/4"	8596683005286	0,081
PR10FR.1538	PRESS 316L Přechodka s vnějším závitem (FxR) 15 mm x 3/8"	8596683005316	0,04
PR10FR.1812	PRESS 316L Přechodka s vnějším závitem (FxR) 18 mm x 1/2"	8596683005347	0,069
PR10FR.1834	PRESS 316L Přechodka s vnějším závitem (FxR) 18 mm x 3/4"	8596683005378	0,08
PR10FR.2212	PRESS 316L Přechodka s vnějším závitem (FxR) 22 mm x 1/2"	8596683005408	0,076
PR10FR.2234	PRESS 316L Přechodka s vnějším závitem (FxR) 22 mm x 3/4"	8596683005439	0,086
PR10FR.221	PRESS 316L Přechodka s vnějším závitem (FxR) 22 mm x 1"	8596683005460	0,13
PR10FR.2812	PRESS 316L Přechodka s vnějším závitem (FxR) 28 mm x 1/2"	8596683005491	0,099
PR10FR.2834	PRESS 316L Přechodka s vnějším závitem (FxR) 28 mm x 3/4"	8596683005521	0,115
PR10FR.281	PRESS 316L Přechodka s vnějším závitem (FxR) 28 mm x 1"	8596683005552	0,138
PR10FR.2854	PRESS 316L Přechodka s vnějším závitem (FxR) 28 mm x 5/4"	8596683005583	0,17
PR10FR.351	PRESS 316L Přechodka s vnějším závitem (FxR) 35 mm x 1"	8596683005613	0,135
PR10FR.3554	PRESS 316L Přechodka s vnějším závitem (FxR) 35 mm x 5/4"	8596683005644	0,18
PR10FR.3564	PRESS 316L Přechodka s vnějším závitem (FxR) 35 mm x 6/4"	8596683005675	0,242
PR10FR.4254	PRESS 316L Přechodka s vnějším závitem (FxR) 42 mm x 5/4"	8596683005705	0,224
PR10FR.4264	PRESS 316L Přechodka s vnějším závitem (FxR) 42 mm x 6/4"	8596683005736	0,23
PR10FR.5464	PRESS 316L Přechodka s vnějším závitem (FxR) 54 mm x 6/4"	8596683005767	0,309
PR10FR.542	PRESS 316L Přechodka s vnějším závitem (FxR) 54 mm x 2"	8596683005798	0,371
PR10FR.76212	PRESS 316L Přechodka s vnějším závitem (FxR) 76,1 mm x 2 1/2"	8596683005828	0,94
PR10FR.883	PRESS 316L Přechodka s vnějším závitem (FxR) 88,9 mm x 3"	8596683005859	1,139
PR10FR.1084	PRESS 316L Přechodka s vnějším závitem (FxR) 108 mm x 4"	8596683005880	2,28
TR60MM.151	PRESS 304L Trubka 15 x 1 mm, 6 m – EN 10312	(prázdné)	0,349
TR60MM.181	PRESS 304L Trubka 18 x 1 mm, 6 m – EN 10312	(prázdné)	0,423
TR60MM.2212	PRESS 304L Trubka 22 x 1,2 mm, 6 m – EN 10312	(prázdné)	0,622
TR60MM.2812	PRESS 304L Trubka 28 x 1,2 mm, 6 m – EN 10312	(prázdné)	0,801
TR60MM.3515	PRESS 304L Trubka 35 x 1,5 mm, 6 m – EN 10312	(prázdné)	1,252
TR60MM.4215	PRESS 304L Trubka 42 x 1,5 mm, 6 m – EN 10312	(prázdné)	1,513
TR60MM.5415	PRESS 304L Trubka 54 x 1,5 mm, 6 m – EN 10312	(prázdné)	1,962
TR60MM.762	PRESS 304L Trubka 76,1 x 2 mm, 6 m – EN 10312	(prázdné)	3,44
TR60MM.882	PRESS 304L Trubka 88,9 x 2 mm, 6 m – EN 10312	(prázdné)	4,033
TR60MM.1082	PRESS 304L Trubka 108 x 2 mm, 6 m – EN 10312	(prázdné)	4,918
TR10MM.151	PRESS 316L Trubka 15 x 1 mm, 6 m – EN 10312	(prázdné)	0,351
TR10MM.181	PRESS 316L Trubka 18 x 1 mm, 6 m – EN 10312	(prázdné)	0,426
TR10MM.2212	PRESS 316L Trubka 22 x 1,2 mm, 6 m – EN 10312	(prázdné)	0,626
TR10MM.2812	PRESS 316L Trubka 28 x 1,2 mm, 6 m – EN 10312	(prázdné)	0,806
TR10MM.3515	PRESS 316L Trubka 35 x 1,5 mm, 6 m – EN 10312	(prázdné)	1,26
TR10MM.4215	PRESS 316L Trubka 42 x 1,5 mm, 6 m – EN 10312	(prázdné)	1,523
TR10MM.5415	PRESS 316L Trubka 54 x 1,5 mm, 6 m – EN 10312	(prázdné)	1,974
TR10MM.762	PRESS 316L Trubka 76,1 x 2 mm, 6 m – EN 10312	(prázdné)	3,462
TR10MM.882	PRESS 316L Trubka 88,9 x 2 mm, 6 m – EN 10312	(prázdné)	4,059

TR10MM.1082	PRESS 316L Trubka 108 x 2 mm, 6 m – EN 10312	(prázdné)	4,99
TK10FRPF.223422	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 22 mm x 3/4" x 22 mm	8596683006115	0,139
TK10FRPF.283428	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 28 mm x 3/4" x 28 mm	8596683006146	0,168
TK10FRPF.28128	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 28 mm x 1" x 28 mm	8596683006177	0,175
TK10FRPF.353435	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 35 mm x 3/4" x 35 mm	8596683006207	0,211
TK10FRPF.35135	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 35 mm x 1" x 35 mm	8596683006238	0,25
TK10FRPF.355435	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 35 mm x 5/4" x 35 mm	8596683006269	0,263
TK10FRPF.423442	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 42 mm x 3/4" x 42 mm	8596683006290	0,264
TK10FRPF.42142	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 42 mm x 1" x 42 mm	8596683006320	0,319
TK10FRPF.426442	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 42 mm x 6/4" x 42 mm	8596683006351	0,373
TK10FRPF.543454	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 54 mm x 3/4" x 54 mm	8596683006382	0,354
TK10FRPF.54154	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 54 mm x 1" x 54 mm	8596683006412	0,42
TK10FRPF.54254	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 54 mm x 2" x 54 mm	8596683006443	0,584
TK10FRPF.76276	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 76,1 mm x 2" x 76,1 mm	8596683006474	1,079
TK10FRPF.883488	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 88,9 mm x 3/4" x 88,9 mm	8596683006504	1,177
TK10FRPF.88288	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 88,9 mm x 2" x 88,9 mm	8596683006535	1,398
TK10FRPF.1082108	PRESS 316L T-kus s vnitřním závitem (FxRpxF) 108 mm x 2" x 108 mm	8596683006566	1,927
NA13FF.15	PRESS 316L Nátrubek přesuvný (FxF) 15 mm	8596683006597	0,051
NA13FF.18	PRESS 316L Nátrubek přesuvný (FxF) 18 mm	8596683006627	0,062
NA13FF.22	PRESS 316L Nátrubek přesuvný (FxF) 22 mm	8596683006658	0,08
NA13FF.28	PRESS 316L Nátrubek přesuvný (FxF) 28 mm	8596683006689	0,106
NA13FF.35	PRESS 316L Nátrubek přesuvný (FxF) 35 mm	8596683006719	0,147
NA13FF.42	PRESS 316L Nátrubek přesuvný (FxF) 42 mm	8596683006740	0,202
NA13FF.54	PRESS 316L Nátrubek přesuvný (FxF) 54 mm	8596683006771	0,308
NA13FF.76	PRESS 316L Nátrubek přesuvný (FxF) 76,1 mm	8596683006801	0,86
NA13FF.88	PRESS 316L Nátrubek přesuvný (FxF) 88,9 mm	8596683006832	1,2
NA13FF.108	PRESS 316L Nátrubek přesuvný (FxF) 108 mm	8596683006863	1,65
KO10FRP.1512	PRESS 316L Přechodové koleno 90° (FxRp) 15 mm x 1/2"	8596683006894	0,098
KO10FRP.1812	PRESS 316L Přechodové koleno 90° (FxRp) 18 mm x 1/2"	8596683006924	0,098
KO10FRP.2212	PRESS 316L Přechodové koleno 90° (FxRp) 22 mm x 1/2"	8596683006955	0,104
KO10FRP.2234	PRESS 316L Přechodové koleno 90° (FxRp) 22 mm x 3/4"	8596683006986	0,113
KO10FRP.281	PRESS 316L Přechodové koleno 90° (FxRp) 28 mm x 1"	8596683007013	0,218
KO10FRP.3554	PRESS 316L Přechodové koleno 90° (FxRp) 35 mm x 5/4"	8596683007044	0,33
KO10FR.1512	PRESS 316L Přechodové koleno 90° (FxR) 15 mm x 1/2"	8596683007075	0,1
KO10FR.1812	PRESS 316L Přechodové koleno 90° (FxR) 18 mm x 1/2"	8596683007105	0,114
KO10FR.2234	PRESS 316L Přechodové koleno 90° (FxR) 22 mm x 3/4"	8596683007136	0,16
KO10FR.281	PRESS 316L Přechodové koleno 90° (FxR) 28 mm x 1"	8596683007167	0,235
KO10FR.3554	PRESS 316L Přechodové koleno 90° (FxR) 35 mm x 5/4"	8596683007198	0,355
KO10FR.4264	PRESS 316L Přechodové koleno 90° (FxR) 42 mm x 6/4"	8596683007228	0,47
KO10FR.542	PRESS 316L Přechodové koleno 90° (FxR) 54 mm x 2"	8596683007259	0,92
PB10F.15	PRESS 316L Příruba (F) 15 mm	8596683007280	0,422
PB10F.18	PRESS 316L Příruba (F) 18 mm	8596683007310	0,57
PB10F.22	PRESS 316L Příruba (F) 22 mm	8596683007341	0,769
PB10F.28	PRESS 316L Příruba (F) 28 mm	8596683007372	0,969

PB10F.35	PRESS 316L Příruba (F) 35 mm	8596683007402	1,525
PB10F.42	PRESS 316L Příruba (F) 42 mm	8596683007433	1,78
PB10F.54	PRESS 316L Příruba (F) 54 mm	8596683007464	2,32
PB10F.76	PRESS 316L Příruba (F) 76,1 mm	8596683007495	2,96
PB10F.88	PRESS 316L Příruba (F) 88,9 mm	8596683007525	3,36
PB10F.108	PRESS 316L Příruba (F) 108 mm	8596683007556	4,47
OB12FRP.1512	PRESS 316L Přechodový oblouk 90° (FxRp) 15 mm x 1/2"	8596683007587	0,065
OB12FRP.1812	PRESS 316L Přechodový oblouk 90° (FxRp) 18 mm x 1/2"	8596683007617	0,08
OB12FRP.1834	PRESS 316L Přechodový oblouk 90° (FxRp) 18 mm x 3/4"	8596683007648	0,089
OB12FRP.2234	PRESS 316L Přechodový oblouk 90° (FxRp) 22 mm x 3/4"	8596683007679	0,102
OB12FRP.281	PRESS 316L Přechodový oblouk 90° (FxRp) 28 mm x 1"	8596683007709	0,196
OB12FRP.3554	PRESS 316L Přechodový oblouk 90° (FxRp) 35 mm x 5/4"	8596683007730	0,287
OB12FRP.4264	PRESS 316L Přechodový oblouk 90° (FxRp) 42 mm x 6/4"	8596683007761	0,377
OB12FRP.542	PRESS 316L Přechodový oblouk 90° (FxRp) 54 mm x 2"	8596683007792	0,457
OB12FR.1512	PRESS 316L Přechodový oblouk 90° (FxR) 15 mm x 1/2"	8596683007822	0,06
OB12FR.1812	PRESS 316L Přechodový oblouk 90° (FxR) 18 mm x 1/2"	8596683007853	0,1
OB12FR.1834	PRESS 316L Přechodový oblouk 90° (FxR) 18 mm x 3/4"	8596683007884	0,111
OB12FR.2234	PRESS 316L Přechodový oblouk 90° (FxR) 22 mm x 3/4"	8596683007914	0,128
OB12FR.281	PRESS 316L Přechodový oblouk 90° (FxR) 28 mm x 1"	8596683007945	0,141
OB12FR.3554	PRESS 316L Přechodový oblouk 90° (FxR) 35 mm x 5/4"	8596683007976	0,341
OB12FR.4264	PRESS 316L Přechodový oblouk 90° (FxR) 42 mm x 6/4"	8596683008003	0,486
OB12FR.542	PRESS 316L Přechodový oblouk 90° (FxR) 54 mm x 2"	8596683008034	0,542
SR10FG.1512	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 15 mm x 1/2"	8596683008065	0,062
SR10FG.1534	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 15 mm x 3/4"	8596683008096	0,073
SR10FG.1812	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 18 mm x 1/2"	8596683008126	0,068
SR10FG.1834	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 18 mm x 3/4"	8596683008157	0,082
SR10FG.2234	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 22 mm x 3/4"	8596683008188	0,084
SR10FG.221	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 22 mm x 1"	8596683008218	0,119
SR10FG.281	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 28 mm x 1"	8596683008249	0,127
SR10FG.2854	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 28 mm x 5/4"	8596683008270	0,177
SR10FG.3554	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 35 mm x 5/4"	8596683008300	0,207
SR10FG.3564	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 35 mm x 6/4"	8596683008331	0,196
SR10FG.4264	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 42 mm x 6/4"	8596683008362	0,285
SR10FG.422	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 42 mm x 2"	8596683008393	0,39
SR10FG.542	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 54 mm x 2"	8596683008423	0,475
SR10FG.76212	PRESS 316L Připojovací šroubení na ploché těsnění (FxG) 76,1 mm x 2 1/2"	8596683008454	0,87
NA14FF.1815	PRESS 316L Redukovaný nátrubek (FxF) 18 x 15 mm	8596683008485	0,046
NA14FF.2215	PRESS 316L Redukovaný nátrubek (FxF) 22 x 15 mm	8596683008515	0,051
NA14FF.2218	PRESS 316L Redukovaný nátrubek (FxF) 22 x 18 mm	8596683008546	0,061
NA14FF.2815	PRESS 316L Redukovaný nátrubek (FxF) 28 x 15 mm	8596683008577	0,062
NA14FF.2818	PRESS 316L Redukovaný nátrubek (FxF) 28 x 18 mm	8596683008607	0,069
NA14FF.2822	PRESS 316L Redukovaný nátrubek (FxF) 28 x 22 mm	8596683008638	0,076
NA14FF.3528	PRESS 316L Redukovaný nátrubek (FxF) 35 x 28 mm	8596683008669	0,09
NA14FF.4235	PRESS 316L Redukovaný nátrubek (FxF) 42 x 35 mm	8596683008690	0,135

NA14FF.5442	PRESS 316L Redukovaný nátrubek (FxF) 54 x 42 mm	8596683008720	0,203
KR10MM.15	PRESS 316L Křížení (MxM) 15 mm	8596683009444	0,122
KR10MM.18	PRESS 316L Křížení (MxM) 18 mm	8596683009475	0,167
KR10MM.22	PRESS 316L Křížení (MxM) 22 mm	8596683009505	0,236
KR10MM.28	PRESS 316L Křížení (MxM) 28 mm	8596683009536	0,337
KR11MM.15	PRESS 316L Křížení 45° (MxM) 15 mm	8596683009567	0,076
KR11MM.18	PRESS 316L Křížení 45° (MxM) 18 mm	8596683009598	0,114
KR11MM.22	PRESS 316L Křížení 45° (MxM) 22 mm	8596683009628	0,156
KR11MM.28	PRESS 316L Křížení 45° (MxM) 28 mm	8596683009659	0,232
PR10FF.54	PRESS 316L Spojka s převlečnou maticí (FxF) 54 mm	8596683010136	0,846
OB12FG.1512	PRESS 316L Přechodový oblouk 90° se šroubením (FxG) 15 mm x 1/2"	8596683010167	0,075
OB12FG.1812	PRESS 316L Přechodový oblouk 90° se šroubením (FxG) 18 mm x 1/2"	8596683010198	0,078
OB12FG.2234	PRESS 316L Přechodový oblouk 90° se šroubením (FxG) 22 mm x 3/4"	8596683010228	0,12
OB12FG.281	PRESS 316L Přechodový oblouk 90° se šroubením (FxG) 28 mm x 1"	8596683010259	0,175
OB12FG.3554	PRESS 316L Přechodový oblouk 90° se šroubením (FxG) 35 mm x 5/4"	8596683010280	0,279
OB12FG.4264	PRESS 316L Přechodový oblouk 90° se šroubením (FxG) 42 mm x 6/4"	8596683010310	0,402
OB12FG.542	PRESS 316L Přechodový oblouk 90° se šroubením (FxG) 54 mm x 2"	8596683010341	0,661
TK10FRF.1512	PRESS 316L T-kus s vnějším závitem (FxRxF) 15 mm x 1/2"	8596683010372	0,093
TK10FRF.1538	PRESS 316L T-kus s vnějším závitem (FxRxF) 15 mm x 3/8"	8596683010402	0,068
TK10FRF.2234	PRESS 316L T-kus s vnějším závitem (FxRxF) 22 mm x 3/4"	8596683010433	0,131
TK10FRF.281	PRESS 316L T-kus s vnějším závitem (FxRxF) 28 mm x 1"	8596683010464	0,195
TK10FRF.3554	PRESS 316L T-kus s vnějším závitem (FxRxF) 35 mm x 5/4"	8596683010495	0,272
OB12MM.22	PRESS 316L Lícovaný oblouk 90° (MxM) 22 mm	8596683011300	0,14
OB12MM.28	PRESS 316L Lícovaný oblouk 90° (MxM) 28 mm	8596683011331	0,185
OB12MM.35	PRESS 316L Lícovaný oblouk 90° (MxM) 35 mm	8596683011362	0,38
OB12MM.42	PRESS 316L Lícovaný oblouk 90° (MxM) 42 mm	8596683011393	0,575
OB12MM.54	PRESS 316L Lícovaný oblouk 90° (MxM) 54 mm	8596683011423	0,93
OB12MM.15	PRESS 316L Lícovaný oblouk 90° (MxM) 15 mm	8596683012352	0,095
OB12MM.18	PRESS 316L Lícovaný oblouk 90° (MxM) 18 mm	8596683012383	0,115

ABBREVIATIONS

Abbreviation	Definition
General Abbreviations	
EN	European Norm (Standard)
EPD	Environmental Product Declaration
EF	Environmental Footprint
GPI	General Programme Instructions
ISO	International Organization for Standardization
LCA	Life Cycle Assessment
PCR	Product Category Rules
c-PCR	Complementary Product Category Rules
CEN	European Committee for Standardization
CLC	Co-location centre
CPC	Central product classification
GHS	Globally harmonized system of classification and labelling of chemicals
GRI	Global Reporting Initiative
Environmental Impact Indicators (EN 15804)	
GHG	Greenhouse gas
GWP	Global Warming Potential (kg CO_2 eq.)
GWP-fossil	Global Warming Potential from fossil sources (kg CO_2 eq.)
GWP-biogenic	Global Warming Potential from biogenic sources (kg CO_2 eq.)
GWP-luluc	Global Warming Potential from land use and land use change (kg CO_2 eq.)
GWP-total	Total Global Warming Potential (kg CO_2 eq.)
GWP-GHG	Global Warming Potential for greenhouse gases (kg CO_2 eq.)
ODP	Ozone Depletion Potential (kg CFC-11 eq.)
AP	Acidification Potential (mol H^+ eq.)
EP	Eutrophication Potential
EP-freshwater	Freshwater eutrophication potential (kg P eq.)
EP-marine	Marine eutrophication potential (kg N eq.)
EP-terrestrial	Terrestrial eutrophication potential (mol N eq.)
POCP	Photochemical Ozone Creation Potential (kg NMVOC eq.)
ADP	Abiotic Depletion Potential
ADP-minerals&metals	Abiotic depletion potential for non-fossil resources (kg Sb eq.)
ADP-fossil	Abiotic depletion potential for fossil resources (MJ)
WDP	Water Deprivation Potential (m^3)
Resource Use Indicators	
PERE	Use of renewable primary energy excluding renewable primary energy resources used as raw materials (MJ)
PERM	Use of renewable primary energy resources used as raw materials (MJ)
PERT	Total use of renewable primary energy resources (MJ)
PENRE	Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials (MJ)
PENRM	Use of non-renewable primary energy resources used as raw materials (MJ)
PENRT	Total use of non-renewable primary energy resources (MJ)
SM	Use of secondary material (kg)
RSF	Use of renewable secondary fuels (MJ)
NRSF	Use of non-renewable secondary fuels (MJ)
FW	Use of net fresh water (m^3)
Waste Indicators	
HW	Hazardous Waste (disposed) (kg)
NHW	Non-Hazardous Waste (disposed) (kg)
RW	Radioactive Waste (disposed) (kg)
Output Flow Indicators	
CFR	Components for Reuse (kg)
MR	Material for Recycling (kg)

MER	Materials for Energy Recovery (kg)
EEE	Exported Energy, Electricity (MJ)
EET	Exported Energy, Thermal (MJ)
Lifecycle Stages / Modules	
A1	Raw material supply
A2	Transport
A3	Manufacturing
A4	Transport to site
A5	Construction/Installation
B1	Use
B2	Maintenance
B3	Repair
B4	Replacement
B5	Refurbishment
B6	Operational energy use
B7	Operational water use
C1	Deconstruction/Demolition
C2	Transport to waste processing
C3	Waste processing
C4	Disposal
D	Reuse-Recovery-Recycling potential
Other Relevant Terms	
SVHC	Substances of Very High Concern
EC No.	European Community Number
CAS No.	Chemical Abstracts Service Number
MJ	Megajoule
kg	Kilogram
m^3	Cubic Meter
NMVOC	Non-Methane Volatile Organic Compounds
Sb eq.	Antimony Equivalents
P eq.	Phosphorus Equivalents
N eq.	Nitrogen Equivalents
CFC-11 eq.	Chlorofluorocarbon-11 Equivalents
CO_2 eq.	Carbon Dioxide Equivalents
kg C	Kilograms of Carbon
kg CO_2 eq.	Kilograms of Carbon Dioxide Equivalent
ND	Not Declared

REFERENCES

General Programme Instructions of the International EPD® System. Version 5.0.1
ISO 14025: EN ISO 14025:2006-11: Environmental labels and declarations - Type III environmental declarations — Principles and procedures
ISO 14040:2006 Environmental management — Life cycle assessment — Principles and framework
ISO 14044:2006 Environmental management — Life cycle assessment — Requirements and guidelines
EN 15804+A2:2019/AC:2021 European Committee for Standardization: Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products

VERSION HISTORY

Original Version of the EPD, 2026-06-17
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