Certificate No.: 0757-CPR-229EG-8006595-1-7

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

Door hinges

Charmag SA

Charmag SA

System CHARMAG

Route de Lully 2, CH-1470 Estavayer

Route de Lully 2, CH-1470 Estavayer

According to configuration in annex 1

According to configuration in annex 1

Intended for use on doors in escape routes with and without

requirements for fire resistance and smoke control

Product description/ specification

Levels and classes of performance

Intended use(s)

placed on the market under the name or trade mark of

and produced in the manufacturing plant(s)

Notified body No. EC-Reference-No.

0757

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 1935 : 2002

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 17.05.2016 and will remain valid until 16.05.2025, as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The use of this certificate and the marking of the products are bound by an existing certification and surveillance contract with the ift Rosenheim no. 229EG 8006595.

> ift Rosenhein ift

Notifizierte Prüf-, Überwachungs- und

Zertifizierungsstelle

rc PUZ Referenz-Nr. 0751

ift Rosenheim GmbH

Christian Kehrer

ift Rosenheim

15.03.2024

Head of notified product certification body

Theodor-Gietl-Str. 7-9 D-83026 Rosenheim

Contact Phone: +49 8031 261-0 Fax: +49 8031 261-290 www.ift-rosenheim.de

Testing and Calibration – EN ISO/IEC 17025 Inspection – EN ISO/IEC 17020 Product Certification – EN ISO/IEC 17065 Certification of Management Systems – EN ISO/IEC 17021



EN 1935-2002-02/AC:2003-12



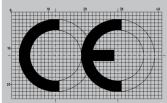
Basis:











www.ec.europa.eu

Identity check



www.ift-rosenheim.de/ ift-zertifiziert ID: 183-787B0





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Certificate No.: 0757-CPR-229EG-8006595-1-7

Compilation of hinges

No. 1: Product designation:	C 1066 20 0	90							
C C	C 1066.20.089								
Hinge type:	Multipart hinge								
Material:	Steel galvan								
Fastening:	screwed to t	he fram	e with	4 scre	ws M5	x 12 r	nm		
	screwed to t	he sash	n frame	e with 4	1 screv	vs M5	x 12 m	nm	
Test report:	4.133-1, 22-	001991	-PR01						
Classification:	4 7	5	1	1	3	0	12		
Intended use:	Intended for resistance a				ape ro	utes w	ith req	uirements for fire	
No. 2:									
Product designation:	1266.20.089	with a	nti-bu	rglary	pin				
Hinge type:	Multipart hin	ge							
Material:	Steel galvan	ized							
Fastening:	screwed to t	he fram	e with	4 scre	ws M5	x 12 r	nm		
	screwed to t	he sash	n frame	e with 4	1 screv	vs M5	x 12 m	וm	
Test report:	4.133-1, 22-	001991	-PR01						
Classification:	4 7	5	1	1	3	1	12]	
Intended use:	Intended for resistance a				ape ro	utes w	rith req	uirements for fire	

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No. 3:										
Product designation:	1076.20.089									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	4.133-1									
Classification:	3 7 4 0 1 3 0 11									
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 4:										
Product designation:	1276.20.089 with anti-burglary pin									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	4.133-1									
Classification:	3 7 4 0 1 3 0 11									
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 5:										
Product designation:	1076.80.089									
Hinge type:	Multipart hinge									
Material:	Stainless steel									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	4.133-1									
Test report: Classification:										

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No. 6:									
Product designation:	1276.80.089 with anti-burglary pin								
Hinge type:	Multipart hinge								
Material:	Stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	4.133-1								
Classification:	3 7 4 0 1 4 0 11								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 7:									
Product designation:	1093.20.089								
Hinge type:	2-piece hinge								
Material:	Stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	4.133-2, 22-001991-PR01								
Classification:	4 7 5 1 1 3 0 12								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 8:									
Product designation:	1293.20.089 with anti-burglary pin								
Hinge type:	2-piece hinge								
Material:	Stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	4.133-2, 22-001991-PR01								
Classification:	4 7 5 1 1 3 1 12								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								

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No. 9:									
Product designation:	1090.80.102								
Hinge type:	2-piece hinge								
Material:	Stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	4.133-2, 22-001991-PR01								
Classification:	4 7 5 1 1 4 0 12								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 10:									
Product designation:	1290.80.102 with anti-burglary pin								
Hinge type:	2-piece hinge								
Material:	Stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	4.133-2								
Classification:	4 7 5 0 1 4 1 12								
Classification: Intended use:									
	4 7 5 0 1 4 1 12 Intended for use on doors in escape routes without requirements for fire								
Intended use:	4 7 5 0 1 4 1 12 Intended for use on doors in escape routes without requirements for fire								
Intended use: No. 11:	4 7 5 0 1 4 1 12 Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
Intended use: No. 11: Product designation:	4 7 5 0 1 4 1 12 Intended for use on doors in escape routes without requirements for fire resistance and smoke control 1093.80.089								
Intended use: No. 11: Product designation: Hinge type:	4 7 5 0 1 4 1 12 Intended for use on doors in escape routes without requirements for fire resistance and smoke control 1093.80.089 2-piece hinge								
Intended use: No. 11: Product designation: Hinge type: Material:	4 7 5 0 1 4 1 12 Intended for use on doors in escape routes without requirements for fire resistance and smoke control 1093.80.089 2-piece hinge Stainless steel								
Intended use: No. 11: Product designation: Hinge type: Material:	475014112Intended for use on doors in escape routes without requirements for fire resistance and smoke control1093.80.0892-piece hingeStainless steelscrewed to the frame with 4 screws M5 x 12 mm								
Intended use: No. 11: Product designation: Hinge type: Material: Fastening:	475014112Intended for use on doors in escape routes without requirements for fire resistance and smoke control1093.80.0892-piece hingeStainless steelscrewed to the frame with 4 screws M5 x 12 mmscrewed to the sash frame with 4 screws M5 x 12 mm								

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No. 12:										
Product designation:	1293.80.089 with anti-burglary pin									
Hinge type:	2-piece hinge									
Material:	Stainless steel									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	4.133-3, 22-001991-PR01									
Classification:	4 7 5 1 1 4 1 12									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 13:										
Product designation:	1050.20.076									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M4 x 12 mm									
	screwed to the sash frame with 4 screws M4 x 12 mm									
Test report:	4.133-4									
Classification:	1 4 3 0 1 3 0 9									
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 14:										
Product designation:	1091.20.125									
Hinge type:	2-piece hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	4.133-5									
Classification:	3 7 4 0 1 3 0 11									
Intended use:	374013011Intended for use on doors in escape routes without requirements for fire									

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No. 15:									
Product designation:	1291.20.125 with anti-burglary pin								
Hinge type:	2-piece hinge								
Material:	Steel g	Steel galvanized							
Fastening:	screwe	screwed to the frame with 4 screws M4 x 12 mm							
	screwed to the sash frame with 4 screws M4 x 12 mm								
Test report:	4.133-5								
Classification:	3	7	4	0	1	3	0	11]
Intended use:	Intende resista					ape ro	utes w	ithout	requirements for fire
No. 16:									
Product designation:	7015.0	0.200							
Hinge type:	2-piece	e hinge	;						
Material:	bright s	steel							
Fastening:	welded	to the	frame						
	welded	to the	sash	frame					
Test report:	4.133-6	6							
Classification:	4	7	7	1	1	0	1	14]
Intended use:	Intende resista					ape ro	utes w	ith req	uirements for fire
No. 17:									
Product designation:	7008.0	0.150							
Hinge type:	2-piece	e hinge	93D						
Material:	bright s	steel							
Fastening:	welded	to the	frame						
	welded	to the	sash	frame					
Test report:	4.133-7	7							
Classification:	4	7	7	1	1	0	1	14]
Intended use:	Intende resista					ape ro	utes w	ith req	uirements for fire

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No. 18:										
Product designation:	7008.8	0.150								
Hinge type:	2-piece hinge 3D									
Material:	Stainless steel									
Fastening:	welded to the frame									
	welded to the sash frame									
Test report:	4.133-8-w									
Classification:	4	7	7	1	1	3	1	14		
Intended use:	Intende resista					ape ro	utes w	ith requirements for fire		
No. 19:										
Product designation:	S05063	3.0								
Hinge type:	2-piece	hinge	3D							
Material:	Stainle	ss stee	el							
Fastening:	screwe	d to th	e fram	e with	2 scre	ws M8	x 12 r	nm		
	screwe	d to th	e sash	frame	with 2	2 screv	vs M8	x 12 mm		
Test report:	4.133-9									
Classification:	4	7	5	0	1	3	1	12		
Classification: Intended use:		ed for u	use on	doors	in esc			12 ithout requirements for find	re	
	Intende	ed for u	use on	doors	in esc				re	
Intended use:	Intende	ed for under an	use on	doors	in esc				re	
Intended use: No. 20:	Intende resista	ed for unce an	use on d smo	doors	in esc				re	
Intended use: No. 20: Product designation:	Intende resista S0502	ed for u nce an I hinge	use on d smo	doors	in esc				re	
Intended use: No. 20: Product designation: Hinge type:	Intende resistat S0502 2-piece	ed for unce an	use on d smo e 3D ei	doors ke con	in esc trol	ape ro	utes w	ithout requirements for fi	re	
Intended use: No. 20: Product designation: Hinge type: Material:	Intende resistar S0502 2-piece Stainle screwe	ed for unce an I hinge ss stee d to th	use on d smo : 3D el e fram	doors ke con e with	in esc trol 2 scre	ape ro ws M8	utes w x 12 r	ithout requirements for fi	re	
Intended use: No. 20: Product designation: Hinge type: Material:	Intende resistar S0502 2-piece Stainle screwe	ed for unce and hinge hinge ss stee d to th d to th	use on d smo 3D el e fram e sash	doors ke con e with	in esc trol 2 scre	ape ro ws M8	utes w x 12 r	ithout requirements for fi	re	
Intended use: No. 20: Product designation: Hinge type: Material:	Intende resistat S0502 2-piece Stainle screwe	ed for unce and hinge ss stee d to th d to th vs M5	use on d smo 3D el e fram e sash	doors ke con e with	in esc trol 2 scre	ape ro ws M8	utes w x 12 r	ithout requirements for fi	re	
Intended use: No. 20: Product designation: Hinge type: Material: Fastening:	Intende resistat S0502 2-piece Stainle screwe screwe 2 screw	ed for unce and hinge ss stee d to th d to th vs M5	use on d smo 3D el e fram e sash	doors ke con e with	in esc trol 2 scre	ape ro ws M8	utes w x 12 r	ithout requirements for fi	re	

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No. 21:									
Product designation:	S05028								
Hinge type:	2-piece hinge 3D								
Material:	Stainless steel								
Fastening:	screwed to the frame with 2 screws M8 x 12 mm								
	screwed to the sash frame with 2 screws M8 x 12 mm and								
	2 screws M5 x 12								
Test report:	4.133-9								
Classification:	4 7 5 0 1 3 1 12								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 22:									
Product designation:	S05029								
Hinge type:	2-piece hinge 3D								
Material:	Stainless steel								
Fastening:	screwed to the frame with 2 screws M8 x 12 mm								
	screwed to the sash frame with 2 screws M8 x 12 mm and								
	2 screws M5 x 12								
Test report:	4.133-9								
Classification:	4 7 5 0 1 3 1 12								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 23:									
Product designation:	S05196.0								
Hinge type:	2-piece hinge 3D								
Material:	Steel galvanized								
Fastening:	screwed to the frame with 3 screws M6 x 12 mm and								
	4 screws M5 x 12 mm,								
	screwed to the sash frame with 3 screws M6 x 12 mm								
Test report:	4.133-9								
Classification:	4 7 5 0 1 3 1 12								
Intended use:	Intended for use on doors in escape routes without requirements for fire								
	resistance and smoke control								

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No. 24:										
Product designation:	S05196.A									
Hinge type:	2-piece hinge 3D									
Material:	Stainless steel									
Fastening:	to the frame with 3 screws M6 x 12 mm and									
	4 M5 x 12 mm screws, screwed to the sash frame with									
	3 screws M6 x 12 mm									
Test report:	4.133-9									
Classification:	4	7	5	0	1	3	0	12]	
Intended use:	Intendec resistanc					ape roi	utes w	rithout	requirements for fire	
No. 25:										
Product designation:	S05043									
Hinge type:	2-piece l	ninge	3D							
Material:	Stainless	s stee	el							
Fastening:	screwed	to th	e fram	e with	2 scre	ws M8	x 12 ı	mm		
	screwed	to th	e sash	n frame	with 2	2 screw	/s M8	x 12 n	∩m	
Test report:	4.133-9									
Classification:	4	7	5	0	1	3	1	12]	
Intended use:	Intendec	l for ι	use on	doors	in esc	ape roi	utes w	vithout	requirements for fire	
	resistand	ce an	d smo	ke con	trol					
No. 26:	805040	^								
Product designation:	S05049.	-								
Hinge type:	2-piece l	-								
Material:	Steel ga			o	2		v 10 .			
Fastening:	screwed screwed								~~~	
Toot roport:				iname	with c	sciew	IS IVIO	X 12 11	1111	
Test report:	1200023	949.1	0-01	-					_	
Classification:	4	7	7	1	1	4	1	14		
Intended use:	Intendeo resistano					ape roi	utes w	vith rec	quirements for fire	

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No. 27: Product designation:	S05049.A								
Hinge type:	2-piece hinge 2D								
Material:	2-piece ninge 2D Stainless steel								
Fastening:	screwed to the frame with 3 screws M6 x 12 mm								
	screwed to the sash frame with 6 screws M6 x 12 mm								
Test report:	120002349.10-01								
Classification:	4 7 7 1 1 4 1 14								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 28:									
Product designation:	S05052.0								
Hinge type:	2-piece hinge 2D								
Material:	Steel galvanized								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
-	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	120002349.10-01								
Classification:	4 7 7 1 1 4 1 14								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 29:									
Product designation:	S05052.A								
Hinge type:	2-piece hinge 2D								
Material:	Stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	120002349.10-01								
Classification:	4 7 7 1 1 4 1 14								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								

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No. 30:	005050.0									
Product designation:	S05053.0									
Hinge type:	2-piece hinge 2D									
Material:	Steel galvanized									
Fastening:	to the fram									
	4 M5 x 12 r			ewed t	the the	sash fr	rame with			
	3 screws M6 x 12 mm									
Test report:	120002349	.10-01				1				
Classification:	4 7	7	1	1	4	1	14			
Intended use:	Intended for resistance				ape ro	utes w	ith requirements for fire	е		
No. 31:										
Product designation:	S05053.A									
Hinge type:	2-piece hin	ge 2D								
Material:	Stainless s	teel								
Fastening:	to the fram	e with 3 s	screws	5 M6 x ⁻	12 mm	n and				
	4 M5 x 12 r	nm screv	ws, scr	ewed t	o the	sash fr	rame with			
	3 screws N	6 x 12 m	nm							
Test report:	120002349	.10-01								
Classification:	4 7	7	1	1	4	1	14			
Intended use:	Intended for resistance				ape ro	utes w	ith requirements for fire	е		
No. 32:										
Product designation:	S05056.0									
Hinge type:	2-piece hin	ge 2D								
Material:	Steel galva	nized								
Fastening:	to the fram	e with 3 s	screws	5 M6 x ′	12 mm	n and				
	4 M5 x 12 r			ewed t	o the	sash fr	rame with			
	3 screws M		nm							
Test report:	120002349	.10-01								
Classification:	4 7	7	1	1	4	1	14			

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No. 33: Product designation:	<u>00505</u>	2 4							
Product designation:	S05056.A								
Hinge type:	2-piece hinge 2D								
Material:	Stainle								
Fastening:	to the frame with 3 screws M6 x 12 mm and								
Test report:	120002349.10-01								
Classification:	4	7	7	1	1	4	1	14]
Intended use:	Intende resistar					ape ro	utes w	ith req	uirements for fire
No. 34:									
Product designation:	S0511 1	l.0							
Hinge type:	2-piece	hinge	e 2D						
Material:	Steel g	alvani	zed						
Fastening:	screwe	d to th	e fram	e with	3 scre	ws M6	5 x 12 r	nm	
	screwe	d to th	ie sasł	n frame	with 3	3 screv	vs M6	x 12 m	nm
Test report:	120002	2349.1	0-01						
Classification:	4	7	7	1	1	4	1	14	
Intended use:	Intende resistar					ape ro	utes w	ith req	uirements for fire
No. 35:									
Product designation:	S0511 1	I.A							
Hinge type:	2-piece	hinge	e 2D						
Material:	Stainle	ss ste	el						
Fastening:	screwe	d to th	e fram	e with	3 scre	ws M6	5 x 12 r	nm	
	screwe	d to th	ie sasł	n frame	with 3	3 screv	vs M6	x 12 m	nm
Test report:	120002	2349.1	0-01						
Classification:	4	7	7	1	1	4	1	14]
Intended use:	Intende resistar					ape ro	utes w	ith req	uirements for fire

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No. 36:									
Product designation:	S05058.0								
Hinge type:	2-piece hinge 2D								
Material:	Steel galvanized								
Fastening:	to the frame with 3 screws M6 x 12 mm and								
	4 M5 x				ewed t	o the s	sash fra	ame w	ith
	3 screw			ım					
Test report:	120002	2349.1	0-01						-
Classification:	4	7	7	1	1	4	1	14	
Intended use:	Intende resistar					ape ro	utes w	ith req	uirements for fire
No. 37:									
Product designation:	S05058	3.A							
Hinge type:	2-piece	hinge	e 2D						
Material:	Stainles	ss ste	el						
Fastening:	to the fi	rame v	with 3 s	screws	M6 x	12 mm	n and		
	4 M5 x 12 mm screws screwed to the sash frame with 3 screws M6 x 12 mm								
					ewed t	o the s	ash fra	ame w	ith
Test report:		vs M6	x 12 m		ewed t	o the s	ash fra	ame w	ith
Test report: Classification:	3 screw	vs M6	x 12 m		ewed t	o the s	ash fra	ame w 14	ith]
	3 screw 120002 4	vs M6 349.1 7 ed for u	x 12 m 0-01 7 use on	nm 1 doors	1 in esc	4	1	14	ith] uirements for fire
Classification:	3 screw 120002 4 Intende	vs M6 349.1 7 ed for u	x 12 m 0-01 7 use on	nm 1 doors	1 in esc	4	1	14]
Classification: Intended use:	3 screw 120002 4 Intende	vs M6 2349.1 7 ed for unce an	x 12 m 0-01 7 use on	nm 1 doors	1 in esc	4	1	14]
Classification: Intended use: No. 38:	3 screw 120002 4 Intende resistar	vs M6 2349.1 7 ed for unce an	x 12 m 0-01 7 use on ad smo	nm 1 doors	1 in esc	4	1	14]
Classification: Intended use: No. 38: Product designation:	3 screw 120002 4 Intende resistar S05107	vs M6 2349.1 7 ed for unce an 7	x 12 m 0-01 7 use on nd smo	nm 1 doors	1 in esc	4	1	14]
Classification: Intended use: No. 38: Product designation: Hinge type:	3 screw 120002 4 Intende resistar S05107 3-piece	vs M6 2349.1 7 ed for unce an 7 e hinge alvania	x 12 m 0-01 7 use on ad smo	nm 1 doors ke con	1 in esc	4	1	14]
Classification: Intended use: No. 38: Product designation: Hinge type: Material:	3 screw 120002 4 Intende resistar S05107 3-piece Steel ga	vs M6 2349.1 7 ed for unce an alvania to the	x 12 m 0-01 7 use on ad smo e zed sframe	nm 1 doors ke con	1 in esc	4	1	14]
Classification: Intended use: No. 38: Product designation: Hinge type: Material:	3 screw 120002 4 Intende resistar S05107 3-piece Steel ga welded	vs M6 2349.1 7 ed for unce and hinge alvania to the to the	x 12 m 0-01 7 use on od smo 2ed e frame e sash t	nm 1 doors ke con	1 in esc	4	1	14]
Classification: Intended use: No. 38: Product designation: Hinge type: Material: Fastening:	3 screw 120002 4 Intende resistar S05107 3-piece Steel ga welded welded	vs M6 2349.1 7 ed for unce and hinge alvania to the to the	x 12 m 0-01 7 use on od smo 2ed e frame e sash t	nm 1 doors ke con	1 in esc	4	1	14]

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No. 39:	005405				
Product designation:	S05105				
Hinge type:	3-piece hinge 2D				
Material:	Stainless steel				
Fastening:	to the frame with 3 screws M6 x 25 mm and				
	3 M5 x 12 mm screws				
	on the sash frame with 3 screws M6 x 25 mm and				
	3 screws M5 x 12 mm screwed on				
Test report:	255 36973				
Classification:	4 7 7 1 1 4 1 14				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
No. 40:					
Product designation:	S05125				
Hinge type:	3-piece hinge 2D				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 12 screws M6 x 12 mm				
	screwed to the sash frame with 6 screws M6 x 12 mm				
Test report:	255 36973				
Classification:	4 7 7 1 1 4 1 14				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
No. 41:					
Product designation:	S05149/S05209				
Hinge type:	3-piece hinge 3D				
Material:	Stainless steel				
Fastening:	screwed to the frame with 6 screws M5 x 20 mm				
	screwed to the sash frame with 6 screws M5 x 40 mm				
Test report:	255 36973				
Classification:	4 7 7 1 1 4 1 14				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				

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No. 42:					
Product designation:	7007.00.180				
Hinge type:	2-piece hinge 2D				
Material:	bright steel				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	120002349.10-01				
Classification:	4 7 7 1 1 0 1 14				
Intended use:	Intended for use on doors in escape routes with requirements fo resistance and smoke control				
No. 43:					
Product designation:	7007.80.180				
Hinge type:	2-piece hinge 2D				
Material:	Stainless steel				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	120002349.10-01				
Classification:	4 7 7 1 1 4 1 14				
Intended use:	Intended for use on doors in escape routes with requirements for fi resistance and smoke control				
No. 44:					
Product designation:	7009.00.205				
Hinge type:	3-piece hinge 2D				
Material:	bright steel				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	120002349.40-01				
Classification:	4 7 7 1 1 0 1 14				
Intended use:	Intended for use on doors in escape routes with requirements for resistance and smoke control				

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No. 45:					
Product designation:	7015.00.140				
Hinge type:	2-piece hinge				
Material:	bright steel				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	120002349.50-01				
Classification:	4 7 7 1 1 0 1 14				
Intended use:	Intended for use on doors in escape routes with requirements for fir resistance and smoke control				
No. 46:					
Product designation:	S05084.02				
Hinge type:	3-piece hinge				
Material:	Steel galvanized				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	120002349.100-01				
Classification:	4 7 6 1 1 0 0 13				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
No. 47:					
Product designation:	S05085.02				
Hinge type:	3-piece hinge 2D				
Material:	Steel galvanized				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	120002349.110-01				
Classification:	4 7 6 1 1 0 1 13				
Intended use:	Intended for use on doors in escape routes with requirements for fir resistance and smoke control				

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No. 48:					
Product designation:	S05086.02				
Hinge type:	3-piece hinge 2D				
Material:	Steel galvanized				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	120002349.110-01				
Classification:	4 7 6 1 1 0 1 13				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
No. 49:					
Product designation:	8000.20.000E				
Hinge type:	VL door hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 6 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M6 x 15 mm				
Test report:	205 36497				
Classification:	2 7 3 0 1 4 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 50:					
Product designation:	8000.20.020E				
Hinge type:	VL door hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 6 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M6 x 15 mm				
Test report:	205 36497				
Classification:	2 7 3 0 1 4 0 10				

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No. 51:								
Product designation:	8000.20.050E							
Hinge type:	VL door hinge							
Material:	Steel galvanized							
Fastening:	screwed to the frame with 12 screws M5 x 12 mm							
	screwed to	the sash	n frame	e with 1	2 scre	ws M5	5 x 12	mm
Test report:	205 36497							
Classification:	2 7	3	0	1	4	0	10]
Intended use:	Intended fo resistance a				ape ro	utes w	ithout	requirements for fire
No. 52:								
Product designation:	8002.20.00)E						
Hinge type:	VL door hin	ge						
Material:	Steel galva	nized						
Fastening:	screwed to	the fram	ne with	6 scre	ws M6	x 16 r	nm	
	screwed to	the sash	n frame	e with 4	l screw	vs M6	x 16 m	nm
Test report:	205 36497							
Classification:	2 7	3	0	1	4	0	10]
						-		_
Intended use:	Intended fo resistance a				ape ro		l	requirements for fire
Intended use: No. 53:					ape ro		l	requirements for fire
		ind smo			ape ro		l	requirements for fire
No. 53:	resistance a	ind smo DE			ape ro		l	requirements for fire
No. 53: Product designation:	resistance a	ind smo DE ge			ape ro		l	」 requirements for fire
No. 53: Product designation: Hinge type:	resistance a 8002.20.02 VL door hin	nd smo DE ge nized	ke con	trol		utes w	ithout	」 requirements for fire
No. 53: Product designation: Hinge type: Material:	resistance a 8002.20.02 VL door hin Steel galva	nd smo DE ge hized the fram	ke con ne with	trol 6 scre	ws M6	utes w x 12 r	ithout nm	
No. 53: Product designation: Hinge type: Material:	resistance a 8002.20.02 VL door hin Steel galva screwed to	nd smo DE ge hized the fram	ke con ne with	trol 6 scre	ws M6	utes w x 12 r	ithout nm	
No. 53: Product designation: Hinge type: Material: Fastening:	resistance a 8002.20.02 VL door hin Steel galva screwed to screwed to	nd smo DE ge hized the fram	ke con ne with	trol 6 scre	ws M6	utes w x 12 r	ithout nm	

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No. 54:					
Product designation:	S05248.0				
Hinge type:	2-piece hinge 3D				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 6 screws M5 x 12 mm				
	screwed to the sash frame with 6 screws M5 x 12 mm				
Test report:	4.133-9				
Classification:	4 7 5 1 1 3 1 12				
Intended use:	Intended for use on doors in escape routes with requirements for resistance and smoke control	or fire			
No. 55:					
Product designation:	S05248.A				
Hinge type:	2-piece hinge 3D				
Material:	Stainless steel				
Fastening:	screwed to the frame with 6 screws M5 x 12 mm				
	screwed to the sash frame with 6 screws M5 x 12 mm				
Test report:	4.133-9				
Test report: Classification:	4.133-9 4 7 5 1 1 3 1 12				
		or fire			
Classification:	475113112Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with route colspan="4">Intended for u	or fire			
Classification: Intended use:	475113112Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with requirements for the second colspan="4">Intended for use on doors in escape routes with route colspan="4">Intended for u	or fire			
Classification: Intended use: No. 56:	4 7 5 1 1 3 1 12 Intended for use on doors in escape routes with requirements for resistance and smoke control	or fire			
Classification: Intended use: No. 56: Product designation:	4 7 5 1 1 3 1 12 Intended for use on doors in escape routes with requirements for resistance and smoke control 1050.20.089	or fire			
Classification: Intended use: No. 56: Product designation: Hinge type:	4 7 5 1 1 3 1 12 Intended for use on doors in escape routes with requirements for resistance and smoke control 1050.20.089 Mulitpart hinge	or fire			
Classification: Intended use: No. 56: Product designation: Hinge type: Material:	4 7 5 1 1 3 1 12 Intended for use on doors in escape routes with requirements for resistance and smoke control 1050.20.089 Mulitpart hinge Steel galvanized	or fire			
Classification: Intended use: No. 56: Product designation: Hinge type: Material:	4 7 5 1 1 3 1 12 Intended for use on doors in escape routes with requirements for resistance and smoke control 1050.20.089 Mulitpart hinge Steel galvanized Steel galvanized screwed to the frame with 4 screws M5 x 12 mm	or fire			
Classification: Intended use: No. 56: Product designation: Hinge type: Material: Fastening:	475113112Intended for use on doors in escape routes with requirements for resistance and smoke control1050.20.089Mulitpart hinge Steel galvanized screwed to the frame with 4 screws M5 x 12 mm screwed to the sash frame with 4 screws M5 x 12 mm	or fire			

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No. 57:					
Product designation:	1050.80.089				
Hinge type:	Mulitpart hinge				
Material:	Stainless steel				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04				
Classification:	2 7 3 0 1 3 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 58:					
Product designation:	1052.20.089				
Hinge type:	Mulitpart hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04				
Classification:	2 7 3 0 1 3 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 59:					
Product designation:	1052.80.089				
Hinge type:	Mulitpart hinge				
Material:	Stainless steel				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04				
Classification:	2 7 3 0 1 3 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				

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No. 60:					
Product designation:	1250.20.089				
Hinge type:	Mulitpart hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04				
Classification:	2 7 3 0 1 3 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 61:					
Product designation:	1250.80.089				
Hinge type:	Mulitpart hinge				
Material:	Stainless steel				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04				
Classification:	2 7 3 0 1 3 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 62:					
Product designation:	1252.20.089				
Hinge type:	Mulitpart hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04				
Classification:	2 7 3 0 1 3 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				

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No. 63:					
Product designation:	1252.80.089				
Hinge type:	Mulitpart hinge				
Material:	Stainless steel				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04				
Classification:	2 7 3 0 1 3 0 10				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 64:					
Product designation:	1253.20.089				
Hinge type:	Mulitpart hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04, 22-001991-PR01				
Classification:	2 7 3 1 1 3 0 10				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
No. 65:					
Product designation:	1253.80.089				
Hinge type:	Mulitpart hinge				
Material:	Stainless steel				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	12-002762-PR04, 22-001991-PR01				
Classification:	2 7 3 1 1 3 0 10				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				

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No. 66:	S05477				
Product designation:	S05177				
Hinge type:	3-part hinge 3D				
Material:	Stainless steel				
Fastening:	screwed to the frame with 8 screws M6 x 12 mm				
	screwed to the sash frame with 6 screws M6 x 12 mm				
Test report:	10-001633-PB01-G02-03-de-01				
Classification:	4 7 6 1 1 4 1 13				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
No. 67:					
Product designation:	7015.00.120				
Hinge type:	2-part hinge				
Material:	Bright steel				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	13-002197-PR01				
Classification:	4 7 5 1 1 0 1 12				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
No. 68:					
Product designation:	7015.00.180				
Hinge type:	2-part hinge				
Material:	Bright steel				
Fastening:	welded to the frame				
	welded to the sash frame				
Test report:	13-002197-PR02				
Classification:	4 7 7 1 1 0 1 14				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				

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No. 69: Broduct designation:	1060 20 020				
Product designation:	1069.20.089				
Hinge type:	multipart hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	13.00179				
Classification:	4 7 6 0 1 3 0 13				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 70:					
Product designation:	1269.20.089 with anti-burglary pin				
Hinge type:	multipart hinge				
Material:	Steel galvanized				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	13.00179				
Classification:	4 7 6 0 1 3 1 13				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				
No. 71:					
Product designation:	1069.80.089				
Hinge type:	multipart hinge				
Material:	Stainless steel				
Fastening:	screwed to the frame with 4 screws M5 x 12 mm				
-	screwed to the sash frame with 4 screws M5 x 12 mm				
Test report:	13.00179				
Classification:	4 7 6 0 1 3 0 13				
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control				

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No. 72:											
Product designation:	1269.80.089 with anti-burglary pin										
Hinge type:	multipart hinge										
Material:	Stainless steel										
Fastening:	screwed to the frame with 4 screws M5 x 12 mm										
	screwed to the sash frame with 4 screws M5 x 12 mm										
Test report:	13.00179										
Classification:	4 7 6 0 1 3 1 13										
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control										
No. 73:											
Product designation:	S05350										
Hinge type:	Single-axis, two-piece hinge										
Material:	Stainless steel										
Fastening:	screwed to the frame with 2 screws M8 x 12 mm										
	screwed to the sash frame with 2 screws M8 x 12 mm and 2 screws M12 x $$										
	21 mm										
Test report:	14-003027-PR01										
Classification:	4 7 7 1 1 4 1 14										
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control										
No. 74:											
Product designation:	1074.20.089										
Hinge type:	Multipart hinge										
Material:	Steel galvanized										
Fastening:	screwed to the frame with 4 screws M5 x 12 mm										
-	screwed to the sash frame with 4 screws M5 x 12 mm										
Test report:	4.133-1										
Classification:	3 7 4 0 1 3 0 11										
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control										

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No. 75:										
Product designation:	1274.20.089									
Hinge type:	Multipart hinge									
Material:	Steel ga	lvani	zed							
Fastening:	screwed	l to th	e fram	e with	4 scre	ws M5	x 12 r	nm		
	screwed	l to th	ie sash	frame	e with 4	l screv	vs M5	x 12 m	าท	
Test report:	4.133-1									
Classification:	3 7 4 0 1 3 0 11									
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 76:										
Product designation:	1074.80	.089								
Hinge type:	Multipar	t hing	je							
Material:	Stainles	s ste	el							
Fastening:	screwed	to th	ie fram	e with	4 scre	ws M5	x 12 r	nm		
	screwed	l to th	ie sash	frame	e with 4	l screv	vs M5	x 12 m	าท	
Test report:	4.133-1									
Classification:	3	7	4	0	1	3	0	11]	
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 77:										
Product designation:	1274.80	.089								
Hinge type:	Multipar	t hing	je							
Material:	Stainles	s ste	el							
Fastening:	screwed	l to th	e fram	e with	4 scre	ws M5	x 12 r	nm		
	screwed	l to th	ie sash	frame	e with 4	l screv	vs M5	x 12 m	าฑ	
Test report:	4.133-1									
Classification:	3	7	4	0	1	4	0	11]	
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									

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No. 78:								
Product designation:	S04921C							
Hinge type:	Multipart hinge							
Material:	Steel galvanized							
Fastening:	screwed to the frame with 4 screws M5 x 12 mm							
	screwed to the sash frame with 4 screws M5 x 12 mm							
Test report:	15-001992-PR01, 22-001991-PR01							
Classification:	4 7 6 1 1 4 0 13							
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control							
No. 79:								
Product designation:	S04921.A							
Hinge type:	Multipart hinge							
Material:	Stainless steel							
Fastening:	screwed to the frame with 4 screws M5 x 12 mm							
	screwed to the sash frame with 4 screws M5 x 12 mm							
Test report:	15-001992-PR01, 22-001991-PR01							
Classification:	4 7 6 1 1 4 0 13							
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control							
No. 80:								
Product designation:	S05196.B							
Hinge type:	Single-axis, two-piece hinge							
Material:	Stainless steel							
Fastening:	to the frame with 3 screws M6 x 12 mm and							
	4 M5 x 12 mm screws screwed to the sash frame with							
	3 screws M6 x 12 mm							
	3 screws M6 x 12 mm							
Test report:	3 screws M6 x 12 mm 15-003736-PR01							
Test report: Classification:								

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No. 81:										
Product designation:	S05468									
Hinge type:	Multipart hinge									
Material:	Stainless steel									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	16-003157-PR01									
Classification:	4 7 6 0 1 4 0 13									
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 82:										
Product designation:	S05486.A									
Hinge type:	Multipart hinge									
Material:	Stainless steel									
Fastening:	screwed to the frame with 2 screws M8 x 12 mm									
	screwed to the sash frame with 2 screws M8 x 12 mm and									
	2 screws M12 x 21 mm									
Test report:	18-004332-PR01									
Classification:	4 7 7 1 1 4 1 14									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 83:										
Product designation:	S05486									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 2 screws M8 x 12 mm									
	screwed to the sash frame with 2 screws M8 x 12 mm and									
	2 screws M12 x 21 mm									
Test report:	18-004332-PR01									
Classification:	4 7 7 1 1 4 1 14									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									

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No. 84:										
Product designation:	1063.20.089									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	16-003157-PR02, 22-001991-PR01									
Classification:	2 7 3 1 1 3 0 10									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 85:										
Product designation:	1263.20.089									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	16-003157-PR02, 22-001991-PR01									
Classification:	2 7 3 1 1 3 1 10									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 86:										
Product designation:	1254.20.089									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	16-003157-PR02, 22-001991-PR01									
Classification:	2 7 3 1 1 3 1 10									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									

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No. 87:										
Product designation:	1062.20.089									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	16-003157-PR02, 22-001991-PR01									
Classification:	2 7 3 1 1 3 0 10									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 88:										
Product designation:	1262.20.089 with anti-burglary pin									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	16-003157-PR02, 22-001991-PR01									
Classification:	2 7 3 1 1 3 1 10									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 89:										
Product designation:	1265.20.089									
Hinge type:	Multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	16-003157-PR02									
Classification:	4 7 6 0 1 3 1 13									
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									

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No. 90:									
Product designation:	1065.20.089								
Hinge type:	Multipart hinge								
Material:	Steel galvanized								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	16-003157-PR02								
Classification:	4 7 6 0 1 3 0 13								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 91:									
Product designation:	1065.80.089								
Hinge type:	Multipart hinge								
Material:	stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	16-003157-PR02								
Classification:	4 7 6 0 1 3 0 13								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 92:									
Product designation:	1265.80.089								
Hinge type:	Multipart hinge								
Material:	stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	16-003157-PR02								
Classification:	4 7 6 0 1 3 1 13								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								

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No. 93: Product decignotion:									
Product designation:	1067.20.089								
Hinge type:	3-part hinge								
Material:	Steel galvanized with coating								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
_	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	19.00326-1								
Classification:	4 7 7 0 1 3 1 14								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 94:									
Product designation:	1067.80.089								
Hinge type:	3-part hinge								
Material:	Steel galvanized with coating, stainless steel								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	19.00326-1								
Classification:	4 7 7 0 1 3 1 14								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 95:									
Product designation:	1074.20.076								
Hinge type:	single-axis, two-piece hinge								
Material:	Steel galvanized								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	18-003168-PR01								
Classification:	2 7 3 0 1 3 0 10								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								

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No. 96:									
Product designation:	1074.80.076								
Hinge type:	single-axis, two-piece hinge								
Material:	Stainless steel V2A								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	18-003168-PR02 and 19-005164-PR01								
Classification:	2 7 3 0 1 3 0 10								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 97:									
Product designation:	1076.20.076								
Hinge type:	single-axis, two-piece hinge								
Material:	Steel galvanized								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	18-003168-PR02 and 19-005164-PR01								
Classification:	2 7 3 0 1 3 0 10								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								
No. 98:									
Product designation:	1076.80.076								
Hinge type:	single-axis, two-piece hinge								
Material:	Stainless steel V2A								
Fastening:	screwed to the frame with 4 screws M5 x 12 mm								
	screwed to the sash frame with 4 screws M5 x 12 mm								
Test report:	18-003168-PR02 and 19-005164-PR01								
Classification:	2 7 3 0 1 3 0 10								
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control								

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No. 99:										
Product designation:	1074.20.102									
Hinge type:	multipart hinge									
Material:	Steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	19-005164-PR01, 22-001991-PR01									
Classification:	4 7 6 1 1 3 0 13									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 100:										
Product designation:	1074.80.102									
Hinge type:	multipart hinge									
Material:	stainless steel									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	19-005164-PR01, 22-001991-PR01									
Classification:	4 7 6 1 1 4 0 13									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 101:										
Product designation:	1076.80.102									
Hinge type:	multipart hinge									
Material:	stainless steel									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	19-005164-PR01, 22-001991-PR01									
Classification:	4 7 6 1 1 4 0 13									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									

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No. 102									
Product designation:	S05196.D								
Hinge type:	Single-axis door hinge								
Material:	stainless steel								
Fastening:	to the frame with 3 screws M6 x 16 mm and 4 screws M5 x 12 mm								
	crewed to the sash frame with 3 screws M6 x 16 mm								
Test report:	22-001220-PR01								
Classification:	4 7 7 1 1 4 1 14								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 103									
Product designation:	S05196.F								
Hinge type:	Single-axis door hinge								
Material:	stainless steel								
Fastening:	to the frame with 3 screws M6 x 16 mm and 4 screws M5 x 12 mm								
	crewed to the sash frame with 3 screws M6 x 16 mm								
Test report:	22-001220-PR01								
Classification:	4 7 7 1 1 4 1 14								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 104									
Product designation:	S05196.G								
Hinge type:	Single-axis door hinge								
Material:	stainless steel								
Fastening:	to the frame with 3 screws M6 x 16 mm and 4 screws M5 x 12 mm								
	crewed to the sash frame with 3 screws M6 x 16 mm								
Test report:	22-001220-PR01								
Classification:	4 7 7 1 1 4 1 14								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								

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No. 105										
Product designation:	S05425									
Hinge type:	Single-axis, two part door hinge									
Material:	steel									
Fastening:	welded									
Test report:	17-000623-PR01									
Classification:	4 7 7 1 1 0 1 14									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 106										
Product designation:	1091.2	0.150								
Hinge type:	Single	axis hi	inge							
Material:	steel g	alvaniz	zed							
Fastening:	screwe	d to th	e fram	e with	4 scre	ws M5	x 12 i	nm		
	screwe	d to th	ie sasł	n frame	e with 4	l screv	vs M5	x 12 m	าm	
Test report:	21-002	064-P	R02							
Classification:	2	7	2	0	1	3	0	7]	
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 107										
Product designation:	1291.8	0.150								
Hinge type:	Single	axis hi	inge							
Material:	stainle	ss stee	el							
Fastening:	screwe	d to th	e fram	e with	4 scre	ws M5	x 12 r	nm		
	screwe	d to th	ie sasł	n frame	e with 4	l screv	vs M5	x 12 m	าท	
Test report:	21-002	064-P	R02							
Classification:	2	7	2	0	1	4	1	7]	
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									

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No. 108 Product designation:	1291.20.150									
Hinge type:	Single-axis hinge									
Material:	steel galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
i determigi	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	21-002064-PR02									
Classification:	2 7 2 0 1 3 1 7									
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 109										
Product designation:	1094.80.089									
Hinge type:	Single-axis hinge									
Material:	stainless steel									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	20-005228-PR01, 22-001991-PR01									
Classification:	4 7 6 1 1 4 1 13									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 110										
Product designation:	1094.20.089									
Hinge type:	Single-axis hinge									
Material:	stainless galvanized									
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	20-005228-PR02, 22-001991-PR01									
Classification:	4 7 6 1 1 3 1 13									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									

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No. 111 Product designation:	1091 8	0 150								
Hinge type:	1091.80.150 Single-axis hinge									
Material:	stainless steel									
Fastening:				e with	4 scre	ws M5	x 12 r	nm		
i determigi	screwed to the frame with 4 screws M5 x 12 mm screwed to the sash frame with 4 screws M5 x 12 mm									
Test report:	21-002064-PR01									
Classification:	2	7	2	0	1	4	0	7]	
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 112										
Product designation:	S0552	Э.А								
Hinge type:	Single-axis hinge									
Material:	stainle	ss stee	el, stee	l, bras	5					
Fastening:	welded	ł								
Test report:	21-003	957-P	R01							
Classification:	4	7	7	1	1	4	1	14]	
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 113										
Product designation:	S0552	9.B								
Hinge type:	Single-axis hinge									
Material:	stainless steel, steel, brass									
Fastening:	welded									
Test report:	21-003957-PR01									
Classification:	4	7	7	1	1	4	1	14]	
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									

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No. 114										
Product designation:	S05529.C									
Hinge type:	Single-axis hinge									
Material:	stainle	ss stee	el, stee	l, bras	5					
Fastening:	welde	ł								
Test report:	21-003957-PR01									
Classification:	4 7 7 1 1 0 1 14									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 115										
Product designation:	1091.8	80.150								
Hinge type:	Single	-axis h	inge							
Material:	stainle	ss stee	el							
Fastening:	screwed to the frame with 4 screws M5 x 12 mm									
	screwe	ed to th	e sash	n frame	with 4	screv	vs M5	x 12 m	nm	
Test report:	21-002	2064-P	R01							
Classification:	2	7	2	0	1	4	0	7]	
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									
No. 116										
Product designation:	8000.2	20.060	Ξ							
Hinge type:	VL do	or hing	Э							
Material:	steel g	alvaniz	zed							
Fastening:	screwe	ed to th	e fram	e with	12 scr	ews M	5 x 12	mm		
	screwe	ed to th	e sash	n frame	with 1	2 scre	ws M5	5 x 12 i	mm	
Test report:	205 36497									
Classification:	2	7	3	0	1	4	0	10]	
Intended use:	Intended for use on doors in escape routes without requirements for fire resistance and smoke control									

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No. 117										
Product designation:	S05522.B									
Hinge type:	Single-axis hinge									
Material:	steel, st	ainles	s stee	I						
Fastening:	welded									
Test report:	23-001249-PR01									
Classification:	2 7 3 1 1 0 0 10									
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 118 Product designation:	S05522.	.C								
Hinge type:	Single-axis hinge									
Material:	steel, stainless steel									
Fastening:	welded									
Test report:	23-0012	49-PI	R01							
Classification:	2	7	3	1	1	0	0	10]	
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 119										
Product designation:	S05526									
Hinge type:	Single-axis hinge									
Material:	steel, stainless steel, brass									
Fastening:	screwed to the frame with 3 screws M5 x 6,5 mm screwed to the sash frame with 3 screws M5 x 6,5 mm									
Test report:	22-003693-PR02									
Classification:	2	7	3	1	1	4	0	10]	
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									

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No. 120									
Product designation:	S05535								
Hinge type:	Single-axis hinge								
Material:	steel, stainless steel, brass								
Fastening:	screwed to the frame with 3 screws M5 x 6,5 mm screwed to the sash frame with 3 screws M5 x 6,5 mm								
Test report:	22-003693-PR01								
Classification:	2	7	3	1	1	4	0	10]
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								