

Roto Safe

The modular multipoint locking system for doors

Catalogue
for timber, PVC and aluminium profiles



german made

What does that mean?



The company Roto with headquarters in Leinfelden-Echterdingen near Stuttgart is a German group of companies. Roto has grown robustly – organically and consistently.

Our common values represent an identity that has enabled Roto, as a German company, to become a service leader. The value structure of our company is based on three pillars:

- Continuity, consistency and reliability
- Experience, ambition to succeed and vision
- Knowledge, ability and German engineering skills

As a technological pioneer, Roto develops intelligent product solutions that feature impressively precise technology and long service life.

Production and environmental management as well as logistics, irrespective of the manufacturing country, are based on German values such as reliability, thoroughness and vision.

German precision in design and development as well as quality and process management guarantee that we can provide outstanding performance and high-quality services – worldwide.

The consistent implementation of German values in quality specifications and standards ensures that our partners and customers can place their trust in us. This is “german made”.

Company



The company Roto, based in Leinfelden-Echterdingen near Stuttgart, is a German group of companies that is wholly owned by families descended from the company's founder, Wilhelm Frank.

The group comprises three independent divisions which develop and produce hardware systems, roof windows and stairs for the construction industry and offer sophisticated services relating to windows and doors.

The Roto name has represented an inventive spirit and technological progress in compatible components for the construction industry since 1935.

The Roto Group is active all over the world with an extensive business portfolio and around 5000 employees.

Roto works on the basis of clear management and conduct principles to secure the position of the group as a success story and to ensure continued success.

Roto is inspired by the needs and expectations of customers, whether you are a builder, planner, architect, manufacturer or retailer of windows and doors, or manufacturer or specialist retailer for roofing.

Roto | Fenster- und Türtechnologie

Worldwide



Europe



Roto Frank Austria GmbH

Kalsdorf (AT)



Roto Frank Belarus

Minsk (BY)



Roto Frank S.A.

Zaventem (BE)



Roto Frank GmbH

Dietikon (CH)



Roto Frank Fenster- und Türtechnologie GmbH

Leinfelden / Velbert (DE)



Roto Frank Ehitusrautised OÜ

Tallinn (EE)



Roto Frank S.A.

Lliçà de Vall (ES)



Roto Frank Ferrures S.A.S.

Saint Avold (FR)



Roto Elzett Certa Kft.

Lövő / Sopron (HU)



Roto Frank Italia

San Donà di Piave (IT)



Roto Frank Lithuania

Vilnius (LT)



Roto Frank Latvijā

Jūrmala (LV)





Roto Frank
Warsaw (PL)



Roto Romania S.R.L.
Bucharest (RO)



OOO Roto Frank
Noginsk (RU)



Roto Frank Ltd. Sti.
Istanbul (TR)



Roto Frank Okucia Budowlane Sp. z o.o.
Kiev (UA)



Asia



Roto Frank Building Materials Co. Ltd.
Beijing (CN)



Roto Frank Indonesia
Jakarta (ID)



Roto Frank Asia – Pacific Liaison Office India
Mumbai (IN)



Roto Frank Asia-Pacific Pte. Ltd.
Singapore (SG)



Roto Frank Asia-Pacific Pte. Ltd.
Hanoi (VN)



America



Roto Frank Latina SA
Buenos Aires (ARG)



Roto Frank Brasil Ltd.
San Jose (BR)



Fermax Componentes Ltd.
Colombo (BR)



Roto Fasco Canada Inc.
Mississauga, Ontario (CA)



Roto Frank Chile
Santiago (CL)



Roto Frank of America Inc.
Chester (US)



= sales = production / sales

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1 Information

1.1 General



INFO

All dimensions stated in millimetres. Other values are specified.

The following markings are used in this document.

1.1.1 Symbols

Symbol	Meaning
■	First-level list
□	Second-level list
→	(Cross-)reference
▷	Result
▶	Unnumbered step
1.	Numbered step
a.	Numbered second-level step
⇒	Requirement

1.1.2 Pictographs

Symbol	Meaning
	Timber
	PVC
	Aluminium

1.1.3 Product features

Symbol	Meaning
	Cropping range
	Gasket compression
	Protrusion
	Hardware axis
	Description
	Base









Symbol	Meaning
	Supporting pin
	Drill hole for supporting pin
	Width
	Gasket type
	DIN left / right
	Backset
	Element type
	Distance
	Rebate clearance
	Rebate depth
	Sash rebate width
	Sash rebate height
	Sash profile number
	Handle height
	Height
	Information
	Length
	Material
	Material number



Symbol	Meaning
	Installation type
	Surface
	Opening type
	Opening angle
	Position
	Profile series
	Profile system
	Frame groove
	Frame profile number
	Number of locking cams
	Type of locking cams
	Spindle-receiver
	Special version Explanations → <i>from page 14</i>
	Faceplate
	System
	Depth
	Packaging unit
	Locking pattern
	Adjustment



1.1.4 Faceplates

Symbol		Meaning
	16	Flat faceplate 16 mm
	20	Flat faceplate 20 mm
	24	Flat faceplate 24 mm
	4.5x20	U-shaped faceplate 4.5 x 20 mm
	6x24	U-shaped faceplate 6 x 24 mm
	16	N16 faceplate 16 mm

1.1.5 Abbreviations

Abbreviation	Meaning
°	Degrees
°C	Degrees Celsius
AC	Alternating current
SG	Stop gasket
AH	Automatic power wedge
HA	Hardware axis
C	Combination lockings
CB	Bolt
CH	Power wedges
cm	Centimetres
CTL	Catalogue
DIN L / R	DIN left / right
BS	Backset
E	E cam
etc.	et cetera
SRH	Sash rebate height
IMO	Installation instructions
Y	Yes
K	Hook
kHz	Kilohertz
m	Metres
mA	Milliamperes
Max.	Maximum
CG	Central gasket
MHz	Megahertz
Min.	Minimum
mm	Millimetres
mm ²	Square millimetres
CL	Centre lock
MLS	Magnetic locking sensor
N	No
LMD	Lifting mishandling device
Not sh.	Not shown
P	P cam
QB	Quadbolts
RC	Resistance class
SEC	Security



Abbreviation	Meaning
TF	ID latch
V	V cam
VAC	Alternating current voltage
VDC	Direct current voltage
e.g.	For example
ZS	Additional locking device

1.1.6 Special versions

The "Special version  " characteristic is explained below.

Abbreviation	Meaning
KO	Couplable at the top
	<i>Explanation: multipoint locking cannot be cropped, connector component can be cropped at the top, fixed coupling point</i>
KOKU	Couplable at the top and bottom
	<i>Explanation: multipoint locking cannot be cropped, connector component can be cropped at the top, fixed coupling points</i>
ON	Without power supply unit
PL	PowerLock
	<i>Explanation: integrated trigger element for automatic locking</i>
RZ	With round cylinder
STI	The bottom connecting rod is used as shootbolt protrusion
ZOZU	With tothing at the top and bottom
	<i>Explanation: multipoint locking can be cropped, shootbolt protrusion at the top / bottom, flexible coupling points</i>
ZOV	With tothing at the top and between the top two V cams
	<i>Explanation: multipoint locking can be cropped at the top, couplable connector components, shootbolt protrusion at the top, flexible coupling points</i>
ZUOV	With tothing at the bottom and top and between the top two V cams
	<i>Explanation: multipoint locking can be cropped at the top, couplable connector components, shootbolt protrusion at the top / bottom, flexible coupling points</i>
VZS	Prepared for additional locking device

1.1.7 Copyright protection

The contents of this document are copyright-protected. This content can be used when working with the hardware. Any other use is not permitted without written permission of the manufacturer.



1.2 Country-specific ranges



Around the world, Roto offers an extensive range of hardware solutions. These solutions are closely linked to local differences in customer requirements. These differences result in local tailored solutions but also standard solutions available worldwide.

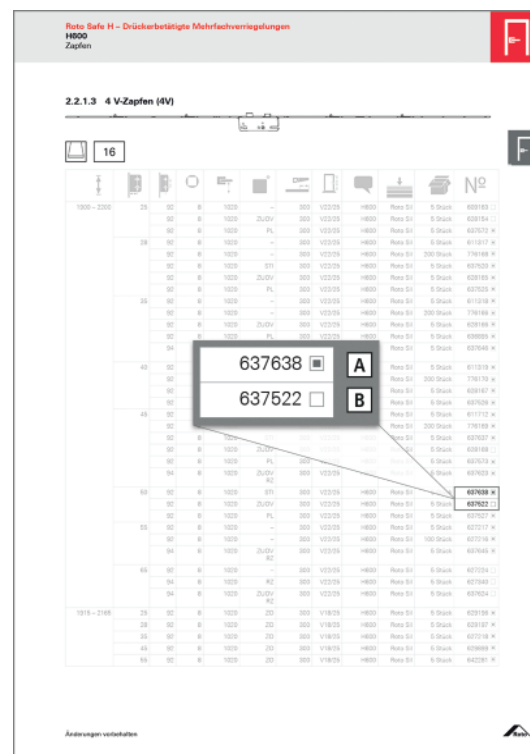
Roto uses the term “country-specific range” to refer to the combination of all available solutions that are precisely tailored to the needs of a country.

To make choosing hardware solutions easier, the material numbers are identified accordingly in this catalogue.

The designation on the front page of the catalogue defines the countries in which the country-specific range is applicable. The material numbers are identified by symbols. These indicate whether a material number is available in a country-specific range or whether this first has to be requested from Roto Sales.



- [A] Applicable for – defines the scope in which the country-specific range is applicable
- [B] Country code – defines the countries in which the country-specific range is applicable



- [A] Material number included in country-specific range
- [B] Material number not included in country-specific range (request via Roto Sales)



1.3 Roto Safe



The extensive range for multipoint locking systems

With its multipoint locking systems, which consist of a main lock, additional lockings and frame components, Roto offers tailored solutions that meet a wide range of different security requirements. Even doors with narrow frame profiles can be produced as virtually all standard backsets are available. In this way, you can combine different components to create the system of your choice.

1.3.1 Multipoint locking systems



Roto Safe H – Lever handle-operated multipoint lockings

On the lever handle-operated, mechanical versions, the entire system – main lock and additional lockings – are operated using the lever handle and blocked by a single turn of the key.



Roto Safe C – Cylinder-operated multipoint lockings

On the cylinder-operated, mechanical versions, the entire system – main lock and additional lockings – is operated using the key. After two turns of the key, the multipoint locking is fully locked or unlocked.



Roto Safe A – Mechanical-automatic multipoint lockings

On the mechanical-automatic versions, the additional lockings are locked automatically when the door is closed.



Roto Safe E – Electromechanical multipoint lockings

Two different versions of electromechanical multipoint lockings are available. Both versions can be unlocked using a motor. Locking is either powered by a motor or is mechanical-automatic.



Roto Safe P – Panic and emergency exit lockings

The Roto Safe product range is completed by various versions of multipoint lockings for emergency exit doors in accordance with DIN EN 179 and panic doors in accordance with DIN EN 1125.



1.3.2 Additional lockings

In addition to the latch and the steel deadbolt in the main lock, your door is secured at additional locking points. You can choose between various different versions:

Basic security



Locking cam (E)
Gasket compression adjustable cam



Locking cam (V)
Rolling, gasket compression adjustable security mushroom cam with automatic height adjustment

Increased security



Bolt (CB)
Steel bolt with 20 mm protrusion



Power wedge (CH)
Power wedge that hooks into the frame component



Combination locking (C)
Combination of bolt and power wedge



Quadbolt (QB)
Four steel bolts with 20 mm protrusion in a single additional locking



Automatic power wedge (AH)
Combination of automatic power wedge and latch

Expansions / additions



ID latch (TF)
Replaces the "chain" on the apartment door, is activated from inside via a knob and can be deactivated from outside via the cylinder



Additional locking device (ZS)
Blocks the connecting rod with its own additional cylinder at an additional locking point



1.3.3 Surfaces

Roto Sil

Roto Sil provides optimum surface protection for all components from the Roto Safe modular hardware system. This innovative technology has made it possible to create a surface which boasts outstanding corrosion resistance.

- Matt silver look for a sophisticated appearance
- Extremely durable and scratch-resistant
- Whole coating system is free from chromium VI compounds
- Non-toxic to the environment

Stainless steel

In addition to optimal corrosion properties, the ground stainless-steel surface of the faceplates and frame components in the Roto Safe range also enhances the appearance of main doors.

1.3.4 Ten-year warranty

The toughest testing requirements that Roto places on its products have a significant impact on the durability of the hardware. The systematic quality checks with the most stringent testing requirements ensure that each individual Roto Safe component meets our quality standards. Only this exemplary quality management allows us to set a pioneering standard: the ten-year performance warranty for our partners.

The screenshot shows a document titled "10 Jahre Garantie" (10 Year Warranty) for Roto Safe hardware. It lists model numbers H600/H650/C500/C600/A700/P600/P650 and describes the warranty conditions. The document is in German and includes contact information for Roto Safe, such as the phone number +49 211 3887 333 and the website www.rotosafe.com. The document is dated 02/2023 and is version 1/2023.





1.3.5 Material descriptions

1.3.5.1 Multipoint lockings

The technical features of the Roto Safe multipoint lockings are illustrated in the material descriptions of the material numbers as follows.

C600 4592P8 2100F3x16SIL 2C 0203 KO

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13]

Description	Specification	Symbol	Further information
[1] Locking type	H = lever handle-operated C = cylinder-operated A = mechanical-automatic E = electromechanical P = panic and emergency exit	–	→ 1.3.1 "Multipoint locking systems" from page 16
[2] Main lock version	100, 500, 510, 600, 610, 611, 620, 650, 700	–	–
[3] Backset	25, 28, 30, 35, 40, 45, 50, 55, 65, 70, 80		–
[4] Distance	70, 72, 78, 85, 88, 92, 94		–
[5] Cylinder	P = profile cylinder R = round cylinder	–	–
[6] Spindle-receiver	7, 8, 8.5, 9, 10		–
[7] Length	Faceplate length		–
[8] Faceplate version	F = flat faceplate U = U-shaped faceplate R = round faceplate		→ 1.1.4 "Faceplates" from page 13
[9] Faceplate dimensions	3 x 16 3 = height 16 = width ...		
[10] Surface	SIL = Roto Sil STS = stainless steel		–
[11] Additional locking	2C 2 = quantity C = combination locking ...	–	→ 1.3.2 "Additional lockings" from page 18
[12] Locking pattern	0203 = V02/03 ...		→ 11.1 "Locking pattern" from page 312
[13] Special version	KO = couplable at the top ...		→ 1.1.6 "Special versions" from page 14

1.3.5.2 Strikers

The technical features of the Roto Safe strikers are illustrated in the material descriptions of the material numbers as follows.

Timber






SSTH F-R FL12 A9 FT18 7/8 SIL V L
[1] [2] [3] [4] [5] [6] [7] [8] [9] [10]

	Description	Specification	Symbol	Further information
[1]	Striker	SST = striker	–	–
[2]	Frame material	H = timber	–	–
[3]	Striker type	F-R = latch / deadbolt E-R = electrical opener / deadbolt C = combination B = bolt M = magnet STA = shootbolt protrusion TF = ID latch BDS = hinge retaining mechanism V = V cam F = latch (H100)	–	–
[4]	Rebate clearance	RC = rebate clearance 12 = value		–
[5]	Hardware axis	A = hardware axis 9 = value		–
[6]	Rebate depth	FT = rebate depth 18 = value		–
[7]	System	GLFA = smooth rebate (Euro-rebate) 7/8 = Euro-groove 7/8		–
[8]	Surface	SIL = Roto Sil STS = stainless steel		–
[9]	Adjustment	V = adjustable NV = not adjustable		–
[10]	DIN left / right	L = left version R = right version		–



PVC / aluminium

SSTK F-R U35 SIL V L AS201
1 2 3 4 5 6 7 8 9

	Description	Specification	Symbol	Further information
[1]	Striker	SST = striker	–	–
[2]	Frame material	K = PVC A = aluminium	–	–
[3]	Striker type	F-R = latch / deadbolt E-R = electrical opener / deadbolt C = combination B = bolt M = magnet STA = shootbolt protrusion TF = ID latch BDS = hinge retaining mechanism V = V cam F = latch (H100)	–	–
[4]	Profile version	F = flat profile U = U-profile L = L-profile		→ 1.1.4 "Faceplates" from page 13
[5]	Profile dimensions	35 = width		
[6]	Surface	SIL = Roto Sil STS = stainless steel		–
[7]	Adjustment	V = adjustable NV = not adjustable		–
[8]	DIN left / right	L = left version R = right version		–
[9]	Profile series	AS201 ...		→ 8 "Profile systems" from page 198

1.3.5.3 Striker strips

The technical features of the Roto Safe striker strips are illustrated in the material descriptions of the material numbers as follows.

Timber / PVC / aluminium

SLK F-R AT 2230U35SIL 2C 0203 L AS445

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12]

Description	Specification	Symbol	Further information
[1] Striker strip	SL = striker strip	–	–
[2] Frame material	H = timber K = PVC A = aluminium	–	–
[3] Striker type	F-R = latch / deadbolt E-R = electrical opener / deadbolt	–	–
[4] Replaceable part	AT = replaceable part	–	Removing the replaceable part makes it possible to use an electrical opener
[5] Length	Faceplate length		–
[6] Profile version	F = flat profile U = U-profile		→ 1.1.4 "Faceplates" from page 13
[7] Profile dimensions	35 = width		
[8] Surface	SIL = Roto Sil STS = stainless steel		–
[9] Additional locking	2C 2 = quantity C = combination locking ...	–	→ 1.3.2 "Additional lockings" from page 18
[10] Locking pattern	0203 = V02/03 ...		→ 11.1 "Locking pattern" from page 312
[11] DIN left / right	L = left version R = right version		–
[12] Profile series	AS445 ...		→ 8 "Profile systems" from page 198



1.3.5.4 Lever-operated espagnolette

The technical features of the Roto Safe lever-operated espagnolettes are illustrated in the material descriptions of the material numbers as follows.

Timber / PVC / aluminium

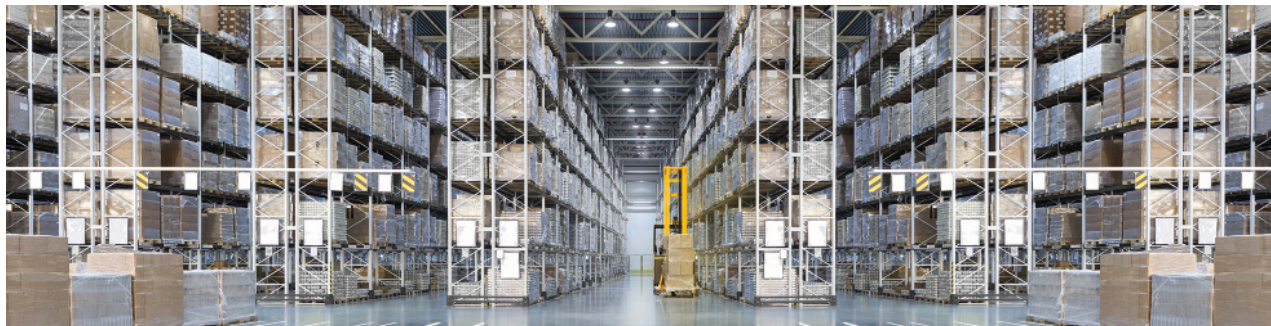
SFGH F-R AT 2230U35SIL 2C 0203 L AS447

1 2 3 4 5 6 7 8 9 10 11 12

	Description	Specification	Symbol	Further information
[1]	Lever-operated espagnolette	SFG = lever-operated espagnolette	–	–
[2]	Frame material	H = timber K = PVC A = aluminium	–	–
[3]	Striker type	F-R = latch / deadbolt E-R = electrical opener / deadbolt	–	–
[4]	Replaceable part	AT = replaceable part	–	Removing the replaceable part makes it possible to use an electrical opener
[5]	Length	Faceplate length		–
[6]	Profile version	F = flat profile U = U-profile		→ 1.1.4 "Faceplates" from page 13
[7]	Profile dimensions	35 = width		
[8]	Surface	SIL = Roto Sil STS = stainless steel		–
[9]	Additional locking	2C 2 = quantity C = combination locking ...	–	→ 1.3.2 "Additional lockings" from page 18
[10]	Locking pattern	0203 = V02/03 ...		→ 11.1 "Locking pattern" from page 312
[11]	DIN left / right	L = left version R = right version		–
[12]	Profile series	AS447 ...		→ 8 "Profile systems" from page 198



1.4 Storage conditions



Protecting components against dirt and dust

Always keep the containers closed, and always cover open hardware containers or goods stored open (i.e. with a layer of cardboard).

Protecting components against mechanical damage

Only transport and handle the containers using suitable means of transport or conveyance (forklifts, lifting devices and roller belts, etc.). Only stack pallets and cardboard boxes (during transport) to the maximum height specified in the printed instructions on the packaging.

Protecting components against direct moisture and wet

The packaging must remain dry and the components must not get wet. This applies to storage and transport, as well as for unloading and loading procedures. Where appropriate, plastic protective sheets or similar are to be used during outdoor transport (i.e. on-site transport) when raining.

Only store components in suitable closed rooms and not outdoors. Condensation must absolutely be avoided during the entire duration of transport and storage.

If containers nevertheless get wet...

Immediately unpack the components from the wet containers, dry the components and check for damage (signs of corrosion). In any case, repack the usable components when dry with new packaging material

i

1.5 Environment



Environmental compatibility of the hardware components

Our objective is to succeed in manufacturing our hardware components with the lowest possible consumption of energy and operating resources, and we strive to produce extremely durable hardware components. To achieve this, we conserve natural resources, minimise energy consumption and use raw materials in an environmentally friendly manner.

Environmental impact resulting from the hardware

The surface quality of our treated surfaces is abrasion-resistant. No environmental pollution is caused by hardware components when the stipulated use is complied with.

Environmental compatibility of the packaging

We use recyclable disposable packaging made of reinforced cardboard, steel strapping, PVC packaging tape, PE sheeting, timber frames, single-use wooden pallets, cable ties, elastomer cord as well as reusable packaging, reusable boxes from Schäfer, pallet crates and EURO wooden pallets.

Environmental compatibility of disposal

Our hardware is made of materials which enable environmentally friendly material utilisation and can be disposed of as mixed scrap.

1.6 Certifications

1.6.1 Constancy of performance

1.6.1.1 Panic lockings – DIN EN 1125

Zertifikat zur Bescheinigung der Leistungsbeständigkeit		 ROSENHEIM
Zertifikatsnummer: 0757-CPR-229PANIK-7031575-3-1		
<p>Gemäß der Verordnung (EU) Nr. 305/2011 des Europäischen Parlaments und des Rates vom 9. März 2011 (Bauproduktenverordnung oder CPR) gilt dieses Zertifikat für das Bauprodukt</p>		<p>Grundlage(n): EN 1125:2008</p>
Panikverschlüsse		
Handelsname Spezifikation	Safe P650 gemäß der Zusammenstellung in Anlage 1	
Leistungsstufen und -klassen	gemäß der Zusammenstellung in Anlage 1	
Verwendungszweck	zur Verwendung an Türen in Flucht- und Rettungswegen ohne Anforderungen an den Rauch- und Brandschutz	
in Verkehr gebracht unter dem Namen oder der Marke von	ROTO-FRANK AUSTRIA GmbH Lapp-Finze-Str. 21, AT-8401 Kalsdorf bei Graz	
Herstellungsbetrieb(e)	ROTO-FRANK AUSTRIA GmbH Lapp-Finze-Str. 21, AT-8401 Kalsdorf bei Graz	
Notifizierte Stelle EG-Referenz-Nr.	0757	
<p>Dieses Zertifikat bestätigt, dass alle Bestimmungen in Bezug auf die Bewertung und Überprüfung der Leistungsbeständigkeit, die im Anhang ZA der Norm(en)</p> <p style="text-align: center;">EN 1125 : 2008</p> <p>Beschrieben werden, unter System 1 für die in diesem Zertifikat aufgeführten Leistungen angewandt werden und dass die vom Hersteller durchgeführte werkseigene Produktionskontrolle bewertet wurde, um die Leistungsbeständigkeit des Bauproduktes sicherzustellen.</p> <p>Dieses Zertifikat wurde erstmalig am 01.07.2020 ausgestellt und besitzt Gültigkeit bis zum 30.06.2023, solange weder die harmonisierten Norm, das Bauprodukt, der AVCP-Methoden, noch die Herstellungsbedingungen im Herstellungsbetrieb wesentlich geändert werden, sofern sie nicht durch die notifizierte Produktzertifizierungsstelle ausgesetzt oder zurückgezogen wird.</p> <p>Die Verwendung dieses Zertifikats und die Kennzeichnung der Produkte ist an den bestehenden Zertifizierungs- und Überwachungsvertrag mit dem ift Rosenheim Nr. 229PANIK 7031575 gebunden.</p>		
<p> Prof. Jörn P. Lass Institutsleiter</p> <p>ift Rosenheim 01.07.2020</p> <p style="font-size: small; transform: rotate(-90deg); position: absolute; left: -40px; top: 50px;">www.ift-rosenheim.de/01_12_2019</p>	  Christian Kehrer Leiter der notifizierten Produktzertifizierungsstelle	 www.ec.europa.eu  www.ift-rosenheim.de
ift Rosenheim GmbH Theodor-Geisel-Str. 7-9 D-83028 Rosenheim	Kontakt: Tel. +49 89 31 201 3 Fax +49 89 31 287-290 www.ift-rosenheim.de	Prüfung und Kalibrierung – EN ISO/IEC 17025 Inspektion – EN ISO/IEC 17020 Zertifizierung Personelle – EN ISO/IEC 17024 Zertifizierung Managementsysteme – EN ISO/IEC 17021
ift-Logo Bild 0137 		

The sales employee responsible for your region can provide you with up-to-date certificates.



1.6.2 Quality management

The certification in accordance with the international standard DIN EN ISO 9001 certifies that Roto plans, documents and appropriately implements the entire development, production and sales process systematically. Starting with development and design through to quality planning, production and assembly right through to sales and customer service.

The certification is an external indication of the quality awareness practised at Roto:

- Roto's objective is to ensure continuous product and service improvements for the benefit of its customers.
- Roto offers its customers innovative, environmentally friendly and technically sophisticated architectural hardware technology.
- Roto products are supplied punctually worldwide with constant guaranteed quality.
- Roto's comprehensive view regards all business activities – including all the activities within the company – to be the key to achieving long-term corporate success.
- Roto employees are supported in their personal development and fulfil Roto's high quality requirements in their day-to-day work. Their work is performance and goal-oriented.

Zertifikat



Zertifikatsnummer: 791IFT-9004105-1-1

Umfang
Qualitätsmanagementsystem DIN EN ISO 9001:2015

Unternehmen (Zentrale)
Roto Frank Fenster- und Türtechnologie GmbH
Wilhelm-Frank Platz 1
DE - 70771 Leinfelden-Echterdingen



Geltungsbereich der Zentrale
Entwicklung, Konstruktion, Herstellung und Vertrieb
von Fenster- und Türtechnologie und Komponentenfertigung

weitere Standorte
 Siehe Anlage zum Zertifikat

Standort-Bestimmungen
 Dieses Zertifikat wurde im Rahmen der Standortregelung erteilt. Die übergeordnete Firma (Zentrale) trägt die Verantwortung für die Aufrechterhaltung und Weiterentwicklung der Managementsysteme im benannten Umfang sowie die Steuerung der zentralen Aufgaben.

Grundlagen
 Im Zertifizierungsaudit wurde der Nachweis erbracht, dass das Unternehmen inklusive aller auf diesem Zertifikat benannten Standorte ein Qualitätsmanagementsystem entsprechend DIN EN ISO 9001:2015 „Qualitätsmanagementsysteme – Anforderungen“ eingeführt hat und anwendet.


 Prof. Jörn P. Lass
 Institutsleiter
 ift Rosenheim
 18.05.2021


 Christian Kehrer
 Leiter der ift-Zertifizierungs- und Überwachungsstelle

Zertifizierungsaudit: Mai 2021
 Vertragsnummer: 791 9004105
 Gültig bis: 17.05.2024

Grundlage(n):
 ISO 9001



Gültigkeit
 Die Gültigkeitsdauer des Zertifikates beträgt drei Jahre. In dieser Zeit wird die Firma durch jährlich stattfindende Audits überwacht. Das Zertifikat ist nur in Verbindung mit dem dazugehörigen Zertifizierungs- und Überwachungsvertrag gültig. Alle Änderungen der Voraussetzungen für die Zertifizierung sind den ift-Q-Zert mit den erforderlichen Nachweisen unverzüglich schriftlich anzuzeigen.

Veröffentlichungshinweise
 Das Zertifikat darf nur unverändert vervielfältigt werden. Es gelten die Bestimmungen der „Allgemeinen Bedingungen für die Zertifizierung von Managementsystemen“.

Das Unternehmen ist berechtigt, das „ift-zertifiziert“-Zeichen gemäß der ift-Zeichnungslegung zu nutzen.




www.ift-rosenheim.de

Verfahrensnummer (01.04.2021): 03/7

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 Inspektion – EN ISO/IEC 17020
 Zertifizierung Institute – TR ISO/IEC 17065
 Zertifizierung Managementsysteme – EN ISO/IEC 17021

IFT-Zertifikat 03/7
 IFT-Zertifikat 03/7




28 · 04 / 2023 · CTL_86_EN_v8

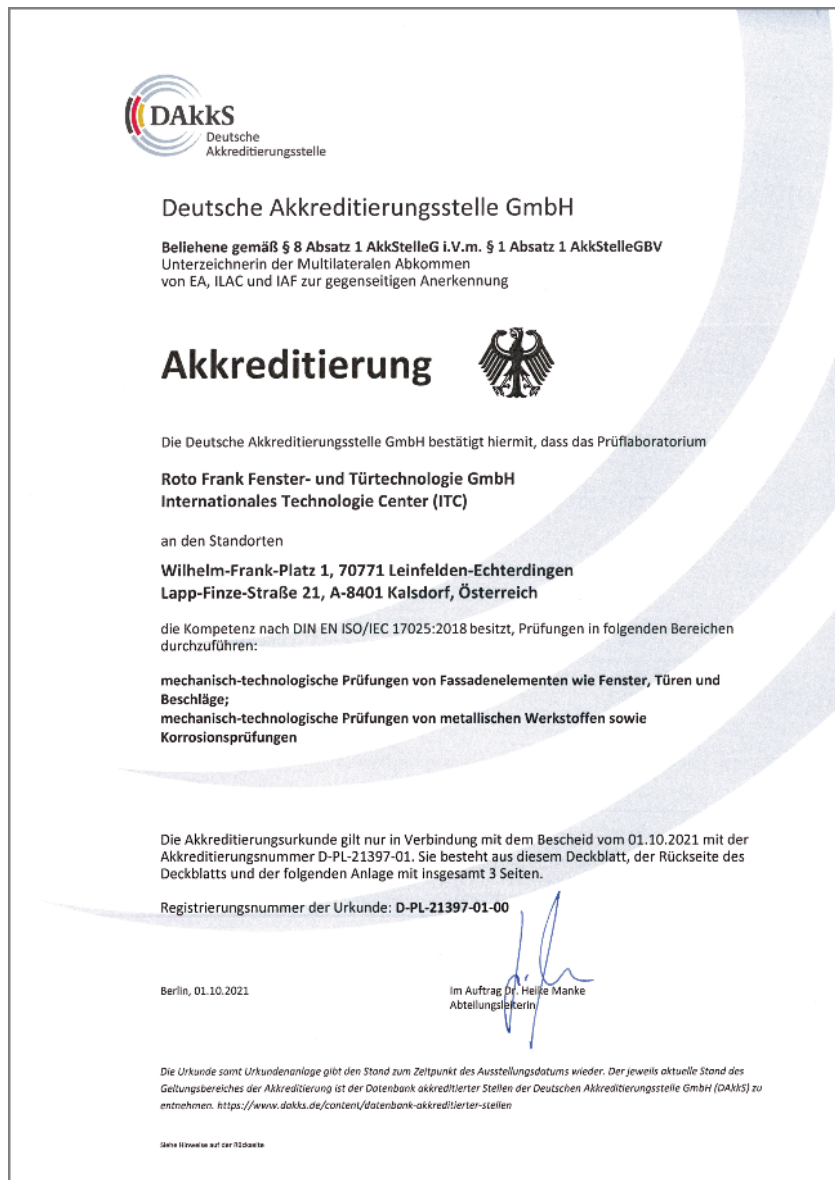
Roto Safe

Subject to change.



1.6.3 International Technology Centre (ITC)

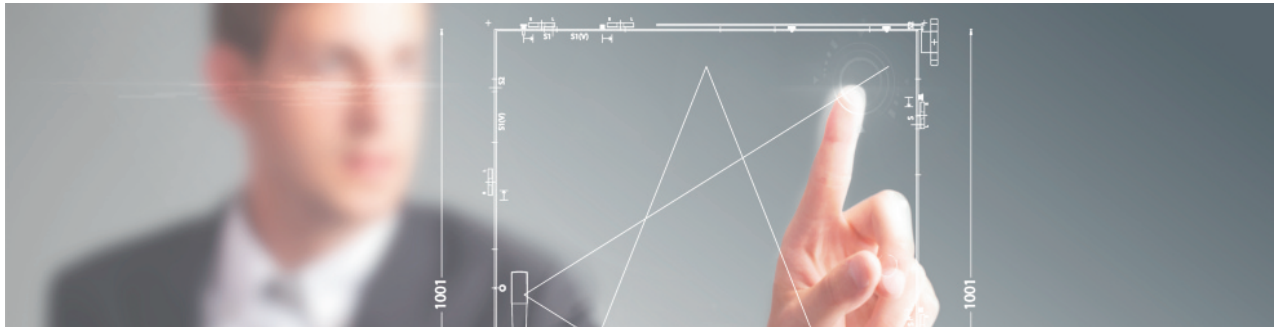
Roto has owned a modern International Technology Centre (ITC) at its Leinfelden headquarters since October 1996. This facility is available for both our own material and product testing as well as for inspecting finished products made by Roto market partners.



The ITC is accredited in accordance with DIN EN ISO / IEC 17025 and has the expertise required to perform tests in areas including mechanical technological testing of facade elements such as windows, doors and hardware, as well as metallic materials.

Achieving accreditation in accordance with DIN EN ISO / IEC 17025 represents the highest distinction for a test institute in the private sector. The requirements for this are an extensive quality management system, trained personnel, high-quality test rigs and measuring instruments, as well as continuous external monitoring by the accreditation authorities.

1.7 Roto Con Orders

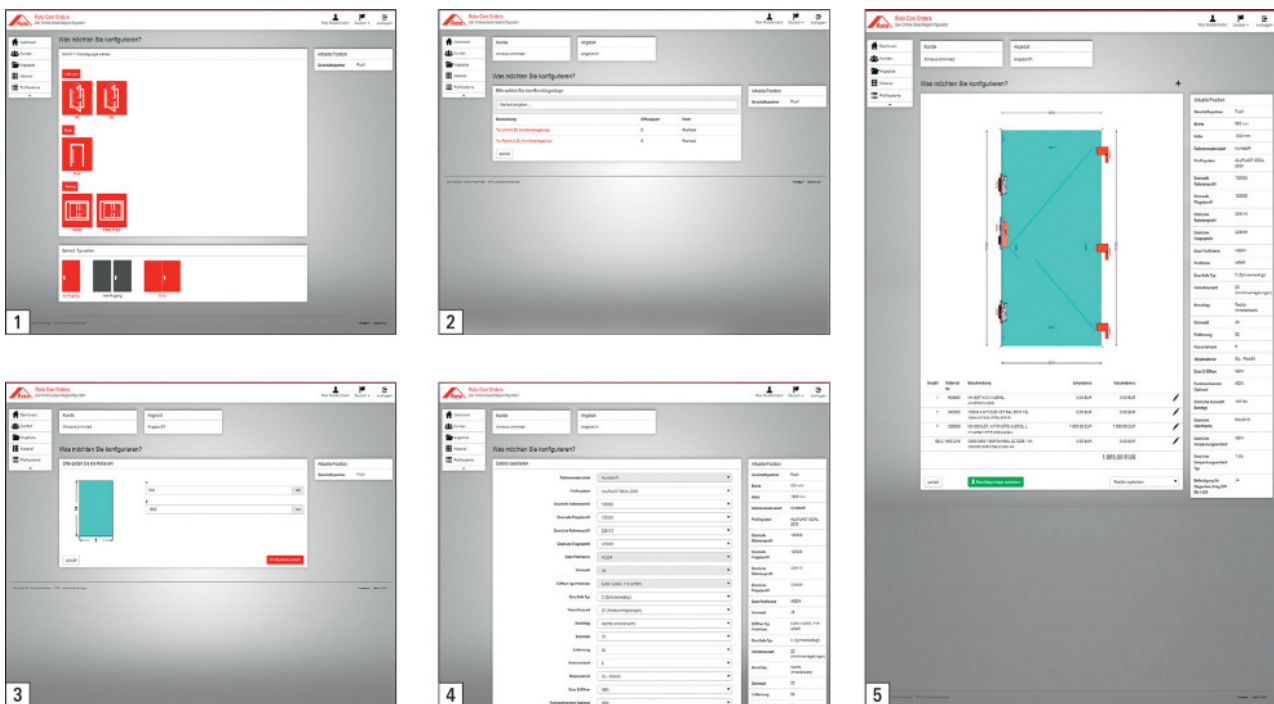


Just four steps for a finished parts list

Roto Con Orders is the perfect solution for window and door manufacturers, and for dealers. This is because with the high-performance online hardware configurator, an individual configuration of window and door hardware can be generated very easily and in an extremely short time – for all common shapes and opening types. Just a few mouse clicks and a couple of numeric entries, and the individual parts list including a technical illustration of the hardware itemising is finished. The list can be changed, adapted or personalised as desired. It can be exported in various data formats, enabling it to be used for individual offers or orders. Benefit from this efficient Roto online tool, save time during configuration, management and ordering – with Roto Con Orders.

Hardware configuration has never been this easy

With intuitive menu guidance, you generate an optimum parts list in just four steps:



1. Selection of the product group
2. Selection of the design template
3. Entry of sizes
4. Individual detailed settings and adaptations
5. **Result:** output of a detailed data sheet with a technical illustration and a complete parts list with editable order numbers, descriptions and individual and total prices.

Intelligent additional functions simplify your processes



Roto Con Orders makes it easy for you to simplify and accelerate your processes. A large number of useful functions are available to help you do this:

- Store your own company addresses and logos in the header of your offers
- Create and manage customer-specific projects
- Generate individual customer hardware templates
- Integrate a discount structure system
- Material master management
- Due to its responsive design, it can be used on all devices such as PCs, tablets, and smartphones

Get started straight away thanks to web-based solution

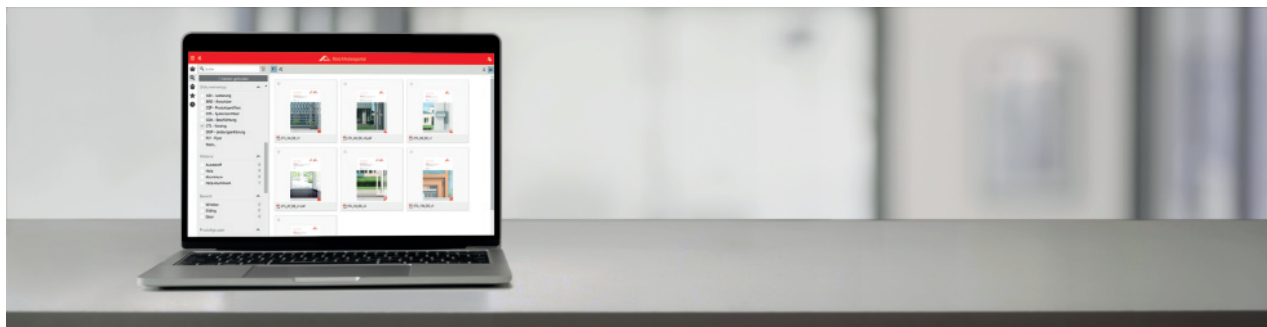
Roto Con Orders is a web-based solution that you can access around the world and around the clock. You only require a computer with a web browser and Internet access for this purpose. To work with the online hardware configurator, please register once with your e-mail address in the portal for dealers and manufacturers at:



www.roto-frank.com



1.8 Roto media portal



Simple and quick

The Roto media portal is where all media is available, such as catalogues, installation instructions, brochures and interactive installation videos. Access to this portal is optimised for PCs, laptops and mobile devices.

The clear user interface and the numerous search options ensure that all available media can be found simply and quickly. Content can be read directly in the Roto media portal or downloaded for later.

The Roto media portal can be accessed via the “Downloads” link in the “Service” main menu item on the Roto website or directly using the links below.



www.roto-frank.com

Media for Roto Safe

This catalogue offers an overview of the Roto Safe product range. All other media relating to Roto Safe can be accessed via the Roto media portal. The links below provide direct access.



www.roto-frank.com | Roto Safe



1.9 Further Roto products

1.9.1 Roto Window

Tilt&Turn – Tilt&Turn hardware systems for windows and balcony doors

Timber and PVC



Roto NX

The Tilt&Turn hardware system for windows and balcony doors shaping the industry once again



Roto NT

The world's biggest selling Tilt&Turn hardware system for windows and balcony doors

Aluminium



Roto AL

Universal hardware for aluminium windows and balcony doors



Roto AL Designo

Concealed hardware for aesthetic aluminium windows and balcony doors

Outward Opening – Hardware systems for outward opening windows



Roto FS Kempton

Stainless-steel friction stays for outward opening windows



Roto PS Aintree

Parallel stainless-steel friction stays for outward opening windows



Roto FRH Uni

Fully reversible hinges for outward opening windows



1.9.2 Roto Sliding

Roto Patio – High-quality sliding windows and doors



Roto Patio Fold

Premium hardware for Fold&Slide systems with a large surface



Roto Patio Life

Comfort hardware for large sliding doors



Roto Patio Lift

Hardware for versatile use in Lift&Slide systems



Roto Patio Alversa

Universal hardware for minimum effort in Parallel Sliding and Tilt&Slide systems



Roto Patio Inowa

Intelligent hardware for tightly sealed sliding systems

Roto Inline – Basic sliding windows and doors



Roto Inline

The hardware system for basic sliding windows and sliding doors

1.9.3 Roto Door

Roto Safe – The modular multipoint locking system for doors



Roto Safe H

Mechanical multipoint lockings for lever-handle-operated doors



Roto Safe C

Mechanical multipoint lockings for cylinder-operated doors



Roto Safe A

Mechanical-automatic multipoint lockings for doors



Roto Safe E

Electromechanical multipoint lockings for doors



Roto Safe P

Mechanical multipoint lockings for escape and panic doors

Roto Solid – Comprehensive range of door hinges



Roto Solid S

Screw-on hinges for doors



Roto Solid B

Butt hinges for doors



Roto Solid C

Concealed hinges for doors

Roto Eifel – Thresholds for doors and balcony doors



Roto Eifel

Tailor-made range of thresholds for tightly sealed accessible doors and balcony doors



1.10 Contact

Roto Frank

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Germany

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www.roto-frank.com







Product overview

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H650

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2 Roto Safe H – Lever handle-operated multipoint lockings



Roto Safe H is the mechanical multipoint locking system in which the additional lockings and the deadbolt in the main lock are actuated using the door lever handle. The user can then block the system using a key.

2.1 Product overview

Main lock	H650					H620 – Fasteo	H600	H650 – AL	H100
	4E	4V	2CB / 3CB / 4CB	2CH / 4CH	2C / 3C / 4C	4E / 4V / 2V2CH	4E / 4V / 2V2CH	xE	2E / 3E / 4E / 2P / 3P / 4P
Locking									
Lever handle-operated	■	■	■	■	■	■	■	■	■
Cylinder-operated	–	–	–	–	–	–	–	–	–
Mechanical-automatic	–	–	–	–	–	■	–	–	–
Electromechanical	–	–	–	–	–	–	–	–	–
Application range									
Backset	25 – 65	25 – 65	25 – 65	25 – 65	25 – 65	35, 40, 50	35, 40, 50	35, 40, 45	25, 28, 35
Min. SRH	1900	1900	1500	1500	1500	1650	1650	1500	1600
Max. SRH	2200	3000	3000	3000	3000	2400	2400	2700	2400
Distance	92, 94	92, 94	92, 94	92, 94	92, 94	70	70	92	70
Spindle-receiver	8	8	8	8	8	7	7	8	7
Cylinder									
Profile cylinder	■	■	■	■	■	■	■	■	■
Round cylinder	■	■	■	■	■	–	–	□	–
Faceplate versions									
Flat faceplate 16 mm	■	■	■	■	■	■	■	–	–
Flat faceplate 20 mm	□	■	■	■	■	–	–	–	–
Flat faceplate 24 mm	–	–	■	■	■	–	–	–	–
U-shaped faceplate 4.5 x 20 mm	–	–	–	–	–	–	–	■	–
U-shaped faceplate 6 x 24 mm	–	–	■	■	■	–	–	–	–
N16 faceplate 16 mm	–	–	–	–	–	–	–	–	■
Round faceplate	–	–	□	□	□	–	–	–	–
Surface									
Roto Sil	■	■	■	■	■	■	■	–	■
Stainless steel	–	–	□	□	□	–	–	■	–
Security									



Main lock	H650					H620 – Fasteo	H600	H650 – AL	H100
	4E	4V	2CB / 3CB / 4CB	2CH / 4CH	2C / 3C / 4C	4E / 4V / 2V2CH	4E / 4V / 2V2CH	xE	2E / 3E / 4E / 2P / 3P / 4P
Burglary inhibition ^[1]	RC 1	RC 1	RC 2	RC 2, RC 3	RC 2, RC 3	RC 1, RC 2	RC 1, RC 2	RC 1	RC 1
Push-back safeguard	–	–	■	■	■	–	–	–	–
Panic function	–	–	–	–	–	–	–	–	–
Escape function	–	–	–	–	–	–	–	–	–
ID latch	–	–	–	–	–	–	–	–	–
Additional locking device	–	–	□	□	□	–	–	–	–
Comfort									
Automatic locking	–	–	–	–	–	■	–	–	–
Whisper latch	■	■	■	■	■	■	■	■	–
Daytime unlocking	–	–	–	–	–	–	–	–	–
Processing									
Latch can be turned from the front	■	■	■	■	■	■	■	■	■
Without deadbolt	□	□	□	□	□	–	–	–	■
Extendable at the top	□	□	□	□	□	□	□	■	■
Extendable at the bottom	□	□	–	–	–	□	□	□	□
Multipart design	□	□	–	–	–	–	–	■	■

■ = Standard, □ = Optional

[1] Depending on the number of additional lockings / system

2.2 H650



Product description

Roto Safe H | H650 is the mechanical multipoint locking system in which the main lock and additional lockings can be locked conveniently by pulling the door lever handle up. The system can then be blocked using the key.

The available additional locking versions make it possible to create locking solutions for customer groups who are conscious of price and focused on performance: E and V cams offer basic security functions.

The high-performance combination locking made up of power wedge and bolt is used wherever increased burglary inhibition requirements need to be met.

The locks are suitable for main doors, apartment doors and back doors in all frame materials.

Advantages at a glance

- Convenient locking using the door lever handle
- Latch can be turned around when installed for simple conversion on the construction site
- Sound-absorbing whisper latch for closing the door quietly



[2]

Product characteristics



Security

- Particularly robust main lock for a high level of functional safety
- E cams, V cams and bolts for basic burglary inhibition
- Power wedge and combination locking for a high level of burglary inhibition



Comfort

- Increased lever handle force for a high level of operating convenience
- Convenient locking using the door lever handle
- Sound-absorbing whisper latch for closing the door quietly



Efficiency

- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Latch can be turned around when installed for simple conversion on the construction site



Design

- Door designs up to 3000 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 25 to 65 mm for a high level of flexibility



Quality

- Certified continuous operation characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

[2] Applies to all multipoint lockings with a power wedge (CH) or combination locking (C) as additional lockings.



2.2.1 Cams

2.2.1.1 4 E cams (4E)



16

1900 – 2200	25	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003468	
	28	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003469	
	35	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003470	
	40	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003471	
	45	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003472	
	50	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003477	
	55	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003473	



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

2.2.1.2 4 V cams (4V)



1900 – 2200	25	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003430	<input checked="" type="checkbox"/>
		92	8	1020	PL	300	V22/25	H650	Roto Sil	5 Piece(s)	2003455	<input type="checkbox"/>
	28	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003431	<input checked="" type="checkbox"/>
		92	8	1020	PL	300	V22/25	H650	Roto Sil	5 Piece(s)	2003456	<input type="checkbox"/>
	35	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003432	<input checked="" type="checkbox"/>
		92	8	1020	PL	300	V22/25	H650	Roto Sil	5 Piece(s)	2003457	<input type="checkbox"/>
	40	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003433	<input checked="" type="checkbox"/>
		92	8	1020	PL	300	V22/25	H650	Roto Sil	5 Piece(s)	2003458	<input type="checkbox"/>
	45	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003434	<input checked="" type="checkbox"/>
		92	8	1020	PL	300	V22/25	H650	Roto Sil	5 Piece(s)	2003459	<input type="checkbox"/>
	50	92	8	1020	PL	300	V22/25	H650	Roto Sil	5 Piece(s)	2003460	<input type="checkbox"/>
	55	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003435	<input checked="" type="checkbox"/>
	65	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003436	<input checked="" type="checkbox"/>



1900 – 2200	45	92	8	1020	–	300	V22/25	H650	Roto Sil	5 Piece(s)	2003464	<input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



INFO

With multipoint lockings (“PL” special version characteristic), the frame component of the lifting mishandling device must be used to trigger the PowerLock function .



2.2.1.3 4 V cams (4V) – couplable at the top



											N ^o
1900 – 2200	28	92	8	1020	STI ZOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003461 <input type="checkbox"/>
	45	92	8	1020	STI ZOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003462 <input type="checkbox"/>
	50	92	8	1020	STI ZOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003463 <input type="checkbox"/>
1915 – 2165	25	92	8	1020	ZOV	300	V18/25	H650	Roto Sil	5 Piece(s)	2003442 <input type="checkbox"/>
	28	92	8	1020	ZOV	300	V18/25	H650	Roto Sil	5 Piece(s)	2003443 <input type="checkbox"/>
	35	92	8	1020	ZOV	300	V18/25	H650	Roto Sil	5 Piece(s)	2003444 <input type="checkbox"/>
	45	92	8	1020	ZOV	300	V18/25	H650	Roto Sil	5 Piece(s)	2003445 <input type="checkbox"/>
	55	92	8	1020	ZOV	300	V18/25	H650	Roto Sil	5 Piece(s)	2003446 <input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*



INFO

With multipoint lockings (“STI” special version characteristic), the shootbolt protrusion is integrated such that it operates in a downwards direction.



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

Connector components



									N ^o
2200 – 3000	200	F16	–	–	–	–	Roto Sil	10 Piece(s)	633956 <input type="checkbox"/>
			–	–	1	V	Roto Sil	10 Piece(s)	637588 <input type="checkbox"/>
		F20	–	–	–	–	Roto Sil	10 Piece(s)	633957 <input type="checkbox"/>
			–	–	1	V	Roto Sil	10 Piece(s)	637589 <input type="checkbox"/>
	400	F16	–	–	–	–	Roto Sil	10 Piece(s)	633934 <input type="checkbox"/>
			–	–	1	V	Roto Sil	10 Piece(s)	637587 <input type="checkbox"/>
		F20	–	–	–	–	Roto Sil	10 Piece(s)	633955 <input type="checkbox"/>
			–	–	1	V	Roto Sil	10 Piece(s)	637590 <input type="checkbox"/>



INFO

Maximum SRH of 3000 mm: two connector components with lengths of 200 mm and 400 mm can be coupled.

2.2.1.4 4 V cams (4V) – couplable at the top / bottom



												N°
1900 – 2200	25	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003447	<input checked="" type="checkbox"/>
		92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003448	<input checked="" type="checkbox"/>
	35	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003449	<input checked="" type="checkbox"/>
		94	8	1020	RZ ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003829	<input type="checkbox"/>
	40	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003450	<input checked="" type="checkbox"/>
	45	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003451	<input checked="" type="checkbox"/>
		94	8	1020	RZ ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003830	<input type="checkbox"/>
	50	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003452	<input checked="" type="checkbox"/>
	55	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003453	<input checked="" type="checkbox"/>
		94	8	1020	RZ ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003831	<input type="checkbox"/>
	65	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003454	<input checked="" type="checkbox"/>
		94	8	1020	RZ ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003832	<input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Compatible shootbolt protrusion at the bottom: shootbolt protrusion 110 → *from page 192*



												N°
1900 – 2200	45	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003466	<input type="checkbox"/>
		94	8	1020	RZ ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003833	<input type="checkbox"/>
	55	92	8	1020	ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003467	<input type="checkbox"/>
		94	8	1020	RZ ZUOV	300	V22/25	H650	Roto Sil	5 Piece(s)	2003834	<input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Compatible shootbolt protrusion at the bottom: shootbolt protrusion 110 → *from page 192*



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



Connector components



Height	Length	Profile	Drill	Drill	#	Drill	Drill	Drill	Drill	Drill	No.
2200 – 3000	200	F16	-	-	-	-	Roto Sil	10 Piece(s)	633956	<input checked="" type="checkbox"/>	
			-	-	1	V	Roto Sil	10 Piece(s)	637588	<input checked="" type="checkbox"/>	
		F20	-	-	-	-	Roto Sil	10 Piece(s)	633957	<input type="checkbox"/>	
			-	-	1	V	Roto Sil	10 Piece(s)	637589	<input type="checkbox"/>	
	400	F16	-	-	-	-	Roto Sil	10 Piece(s)	633934	<input checked="" type="checkbox"/>	
			-	-	1	V	Roto Sil	10 Piece(s)	637587	<input checked="" type="checkbox"/>	
		F20	-	-	-	-	Roto Sil	10 Piece(s)	633955	<input type="checkbox"/>	
			-	-	1	V	Roto Sil	10 Piece(s)	637590	<input type="checkbox"/>	



INFO

Maximum SRH of 3000 mm: two connector components with lengths of 200 mm and 400 mm can be coupled.

2.2.2 Bolts

2.2.2.1 2 bolts (2CB)



16

Height	Drill	Drill	Drill	Drill	*	Drill	Drill	Drill	Drill	Drill	No.	
1900 – 2200	25	92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003500	<input checked="" type="checkbox"/>
	28	92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003501	<input checked="" type="checkbox"/>
	35	92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003502	<input checked="" type="checkbox"/>
	40	92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003503	<input checked="" type="checkbox"/>
	45	92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003504	<input checked="" type="checkbox"/>
	55	92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003505	<input checked="" type="checkbox"/>
	65	92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003506	<input checked="" type="checkbox"/>
2200 – 2400	45	92	8	1020	-	200	V02/07	H650	Roto Sil	5 Piece(s)	2003509	<input type="checkbox"/>
	55	92	8	1020	-	200	V02/07	H650	Roto Sil	5 Piece(s)	2003510	<input type="checkbox"/>



6x24

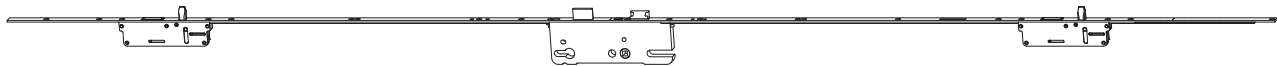
Height	Drill	Drill	Drill	Drill	*	Drill	Drill	Drill	Drill	Drill	No.	
1500 – 1900	45	92	8	1020	-	400	V02/05	H650	Roto Sil	5 Piece(s)	2003514	<input type="checkbox"/>
1900 – 2200		92	8	1020	-	300	V02/03	H650	Roto Sil	5 Piece(s)	2003513	<input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → from page 312.

2.2.2.2 3 bolts (3CB) – coupleable



16

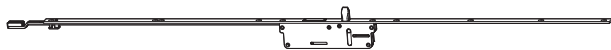
2230 – 3000	35	92	8	1020	KO	–	–	H650	Roto Sil	5 Piece(s)	2003516 <input type="checkbox"/>
	55	92	8	1020	KO	–	–	H650	Roto Sil	5 Piece(s)	2003517 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

Connector components



2230 – 2700	600	F16	300	–	Bolt	Roto Sil	5 Piece(s)	620682 <input type="checkbox"/>
2700 – 3000	900	F16	300	–	Bolt	Roto Sil	5 Piece(s)	620685 <input type="checkbox"/>



INFO

Connector components 600

SRH 2230 – 2530 mm: the coupling point on the multipoint locking must be cropped by 170 mm.

SRH 2400 – 2700 mm: do not crop the coupling point on the multipoint locking.



2.2.2.3 2 bolts with 2 cams (2CB2V) – couplable



2035 – 2245	35	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003549 <input type="checkbox"/>
	40	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003550 <input type="checkbox"/>
	45	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003551 <input type="checkbox"/>
	55	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003552 <input type="checkbox"/>
	65	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003553 <input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Compatible shootbolt protrusion at the bottom: shootbolt protrusion 110 → *from page 192*



INFO

Without shootbolt protrusion, the application range is reduced to SRH 1900 – 2200 mm.



2035 – 2245	45	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003554 <input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Compatible shootbolt protrusion at the bottom: shootbolt protrusion 110 → *from page 192*



INFO

Without shootbolt protrusion, the application range is reduced to SRH 1900 – 2200 mm.



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

2.2.2.4 2 bolts with additional locking device (2CBZS)



1900 – 2200	35	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003536 <input type="checkbox"/>	
	40	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003537 <input type="checkbox"/>	
	45	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003538 <input type="checkbox"/>	
		92	8	1020	VZS	300	V02/03	H650	Roto Sil	5 Piece(s)	2003518 <input type="checkbox"/>	
	55	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003539 <input type="checkbox"/>	



1900 – 2200	45	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003545 <input type="checkbox"/>	
		92	8	1020	VZS	300	V02/03	H650	Roto Sil	5 Piece(s)	2003519 <input type="checkbox"/>	



INFO

Additional locking devices

For prepared multipoint lockings (“VZS” special version characteristic), an additional locking device can be optionally fitted.



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

Additional locking devices



Additional locking device	45	5 Piece(s)	255128 <input type="checkbox"/>



2.2.3 Power wedges

2.2.3.1 2 power wedges (2CH)



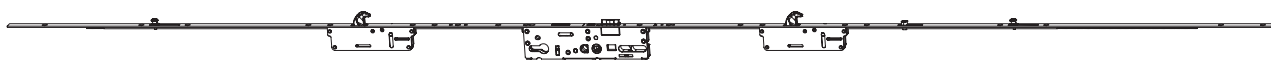
1900 – 2200	25	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003520	<input checked="" type="checkbox"/>
	28	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003521	<input checked="" type="checkbox"/>
	35	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003522	<input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003523	<input checked="" type="checkbox"/>
	50	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003524	<input checked="" type="checkbox"/>
2200 – 2400	45	92	8	1020	–	200	V02/07	H650	Roto Sil	5 Piece(s)	2003526	<input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

2.2.3.2 2 power wedges with 2 cams (2CH2V) – couplable



2035 – 2245	35	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003555	<input type="checkbox"/>
	40	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003556	<input type="checkbox"/>
	45	92	8	1020	ZOZU	300	V52/53	H650	Roto Sil	5 Piece(s)	2003557	<input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Compatible shootbolt protrusion at the bottom: shootbolt protrusion 110 → *from page 192*



INFO

Without shootbolt protrusion, the application range is reduced to SRH 1900 – 2200 mm.



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

2.2.3.3 2 power wedges with additional locking device (2CHZS)



16

1900 – 2200		35	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003540 <input type="checkbox"/>
		45	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003541 <input type="checkbox"/>
		55	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003542 <input type="checkbox"/>



20

1900 – 2200		55	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003546 <input type="checkbox"/>



6x24

1900 – 2200		45	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003548 <input type="checkbox"/>



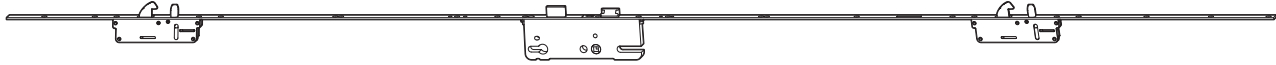
INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



2.2.4 Combination lockings

2.2.4.1 2 combination lockings (2C)



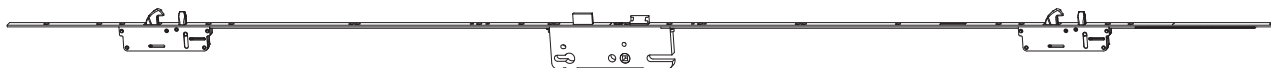
1900 – 2200	25	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003480 <input checked="" type="checkbox"/>
	28	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003481 <input checked="" type="checkbox"/>
	35	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003482 <input checked="" type="checkbox"/>
	40	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003483 <input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003484 <input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	H650	Roto Sil	5 Piece(s)	2003485 <input checked="" type="checkbox"/>
2200 – 2400	35	92	8	1020	–	200	V02/07	H650	Roto Sil	5 Piece(s)	2003488 <input type="checkbox"/>
	45	92	8	1020	–	200	V02/07	H650	Roto Sil	5 Piece(s)	2003489 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

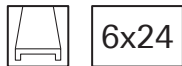
2.2.4.2 3 combination lockings (3C) – couplable



											N ^o
2230 – 3000	35	92	8	1020	KO	–	–	H650	Roto Sil	5 Piece(s)	2003493 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003835 <input type="checkbox"/>
	40	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003836 <input type="checkbox"/>
		92	8	1020	KO	–	–	H650	Roto Sil	5 Piece(s)	2003494 <input type="checkbox"/>
	45	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003837 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003838 <input type="checkbox"/>
	55	92	8	1020	KO	–	–	H650	Roto Sil	5 Piece(s)	2003495 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003839 <input type="checkbox"/>
65	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003840 <input type="checkbox"/>	



											N ^o
2230 – 3000	35	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003847 <input type="checkbox"/>
		40	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)
	45	92	8	1020	KO	–	–	H650	Roto Sil	5 Piece(s)	2003496 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003849 <input type="checkbox"/>
	50	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003850 <input type="checkbox"/>
	55	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003851 <input type="checkbox"/>
	65	92	8	1020	KO	–	–	H650	Roto Sil	5 Piece(s)	2003497 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003852 <input type="checkbox"/>



2230 – 3000	35	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003859 <input type="checkbox"/>
	40	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003860 <input type="checkbox"/>
	45	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003861 <input type="checkbox"/>
	50	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003862 <input type="checkbox"/>
	55	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003863 <input type="checkbox"/>
	65	94	8	1020	KO RZ	–	–	H650	Roto Sil	5 Piece(s)	2003864 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

Connector components



2230 – 2700	600	F16	300	–	Combination locking	Roto Sil	5 Piece(s)	620681 <input type="checkbox"/>	
		F20	300	–	Combination locking	Roto Sil	5 Piece(s)	620688 <input type="checkbox"/>	
		U6x24	300	–	Combination locking	Roto Sil	5 Piece(s)	757637 <input type="checkbox"/>	
2700 – 3000	900	F16	300	–	Combination locking	Roto Sil	5 Piece(s)	620684 <input type="checkbox"/>	
		F20	300	–	Combination locking	Roto Sil	5 Piece(s)	620691 <input type="checkbox"/>	
		U6x24	300	–	Combination locking	Roto Sil	5 Piece(s)	757638 <input type="checkbox"/>	



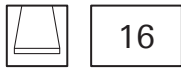
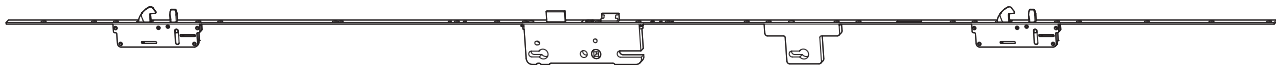
INFO

Connector components 600

SRH 2230 – 2530 mm: the coupling point on the multipoint locking must be cropped by 170 mm.

SRH 2400 – 2700 mm: do not crop the coupling point on the multipoint locking.

2.2.4.3 2 combination lockings with additional locking device (2CZS)



											N ^o
1900 – 2200	35	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003533 <input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003534 <input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003535 <input type="checkbox"/>



											N ^o
1900 – 2200	45	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003543 <input type="checkbox"/>
		92	8	1020	VZS	300	V02/03	H650	Roto Sil	5 Piece(s)	2003498 <input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003544 <input type="checkbox"/>



											N ^o
1900 – 2200	45	92	8	1020	–	300	V02/17	H650	Roto Sil	5 Piece(s)	2003547 <input type="checkbox"/>
	50	92	8	1020	VZS	300	V02/03	H650	Roto Sil	5 Piece(s)	2003499 <input type="checkbox"/>



INFO

Additional locking devices

For prepared multipoint lockings (“VZS” special version characteristic), an additional locking device can be optionally fitted.



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

Additional locking devices



			N ^o
Additional locking device	45	5 Piece(s)	255128 <input type="checkbox"/>



2.3 H650 – three-part



Product description

Roto Safe H | H650 – three-part is the modular, mechanical multipoint locking system in which the main lock and additional lockings can be locked conveniently by pulling the door lever handle up. The system can then be blocked using the key.

The available additional locking versions make it possible to create locking solutions for customer groups who are conscious of price: E and V cams offer basic security functions.

The Roto Safe H650 – three-part range offers excellent flexibility in logistics and processing. Connector components are easily attached to the selected main lock with E or V cams.

The locks are suitable for main doors, apartment doors and back doors in all frame materials.

Advantages at a glance

- Convenient locking using the door lever handle
- Latch can be turned around when installed for simple conversion on the construction site
- Sound-absorbing whisper latch for closing the door quietly
- Multipart design for a high level of flexibility in logistics and processing



Product characteristics



Security

- Particularly robust main lock for a high level of functional safety
- E cams and V cams for basic burglary inhibition
- Multipart design for a high level of flexibility in logistics and processing



Comfort

- Increased lever handle force for a high level of operating convenience
- Convenient locking using the door lever handle
- Sound-absorbing whisper latch for closing the door quietly



Efficiency

- Roto NX / NT frame components are used to reduce the storage requirements
- Latch can be turned around when installed for simple conversion on the construction site



Design

- Door designs up to 2500 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 25 to 65 mm for a high level of flexibility

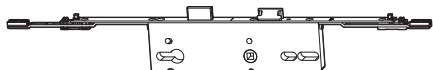


Quality

- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

2.3.1 Cams

2.3.1.1 4 E cams (4E) – coupleable



Height	Profile 1	Profile 2	Profile 3	Profile 4	Profile 5	Profile 6	Profile 7	Profile 8	Profile 9	Profile 10	Profile 11	No.
1764 – 2464	25	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003382	☑
	28	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003383	☑
	35	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003424	☑
	40	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003425	☑
		94	8	–	KOKU RZ	–	–	H650	Roto Sil	360 Piece(s)	2003827	☐
	45	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003426	☑
	50	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003427	☑
		94	8	–	KOKU RZ	–	–	H650	Roto Sil	360 Piece(s)	2003828	☐
	55	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003428	☑
65	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003429	☑	



INFO

Detailed dimensional drawing of the multipoint locking → *from page 331*.

Connector components



Height	Length	Profile	Profile 4	Profile 7	Profile 8	Profile 9	Profile 10	Profile 11	Profile 12	Profile 13	Profile 14	No.
1764 – 2164	744	F16	200	–	Cam	1	E	Top Bottom	Roto Sil	760 Piece(s)	630959	☑
	879	F16	–	–	Cam	2	E	Top Bottom	Roto Sil	760 Piece(s)	630958	☑
1764 – 2464	1179	F16	–	–	Cam	2	E	Top	Roto Sil	760 Piece(s)	630960	☑



INFO

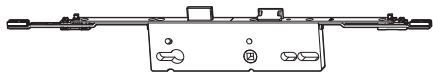
The connector components with a length of 744 mm can be optionally coupled with shootbolt protrusion.

Top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Bottom: shootbolt protrusion 110 → *from page 192*



2.3.1.2 4 V cams (4V) – coupleable



1764 – 2464	25	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003382 <input checked="" type="checkbox"/>
	28	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003383 <input checked="" type="checkbox"/>
	35	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003424 <input checked="" type="checkbox"/>
	40	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003425 <input checked="" type="checkbox"/>
		94	8	–	KOKU RZ	–	–	H650	Roto Sil	360 Piece(s)	2003827 <input type="checkbox"/>
	45	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003426 <input checked="" type="checkbox"/>
	50	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003427 <input checked="" type="checkbox"/>
		94	8	–	KOKU RZ	–	–	H650	Roto Sil	360 Piece(s)	2003828 <input type="checkbox"/>
	55	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003428 <input checked="" type="checkbox"/>
65	92	8	–	KOKU	–	–	H650	Roto Sil	360 Piece(s)	2003429 <input checked="" type="checkbox"/>	



INFO

Detailed dimensional drawing of the multipoint locking → *from page 331*.

Connector components



1764 – 2164	744	F16	200	–	Cam	1	V	Top Bottom	Roto Sil	760 Piece(s)	630956 <input checked="" type="checkbox"/>
	879	F16	–	–	Cam	2	V	Top Bottom	Roto Sil	760 Piece(s)	630955 <input checked="" type="checkbox"/>
1764 – 2464	1179	F16	–	–	Cam	2	V	Top	Roto Sil	760 Piece(s)	630957 <input checked="" type="checkbox"/>



INFO

The connector components with a length of 744 mm can be optionally coupled with shootbolt protrusion.

Top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Bottom: shootbolt protrusion 110 → *from page 192*

2.4 H650 – AL



Product description

Roto Safe H | H650 – AL is the modular, mechanical multipoint locking system in which the main lock and additional lockings can be locked conveniently by pulling the door lever handle up. The system can then be blocked using the key.

The multipart Roto Safe H650 – AL range offers excellent flexibility in logistics and processing. Elements from the Roto AL window hardware are easily attached to the selected main lock.

The locks are suitable for apartment doors and back doors in the aluminium frame material.

Advantages at a glance

- Convenient locking using the door lever handle
- Latch can be turned around when installed for simple conversion on the construction site
- Sound-absorbing whisper latch for closing the door quietly
- Multipart design for a high level of flexibility in logistics and processing

Product characteristics



Security

- Particularly robust main lock for a high level of functional safety
- Cam for basic burglary inhibition



Comfort

- Increased lever handle force for a high level of operating convenience
- Convenient locking using the door lever handle
- Sound-absorbing whisper latch for closing the door quietly



Efficiency

- Roto AL frame components are used to reduce the storage requirements
- Latch can be turned around when installed for simple conversion on the construction site
- Multipart design for a high level of flexibility in logistics and processing



Design

- Door designs up to 2700 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Stainless-steel faceplate and concealed coupling points for an elegant design



Quality

- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment



2.4.1 Main locks



1500 – 2700	35	92	8	–	KOKU	–	–	H650	Stainless steel	10 Piece(s)	2003566
	40	92	8	–	KOKU	–	–	H650	Stainless steel	10 Piece(s)	2003567
	45	92	8	–	KOKU	–	–	H650	Stainless steel	10 Piece(s)	2003568



INFO

Detailed dimensional drawing of the multipoint locking. → *from page 332*

2.4.2 Connecting rod



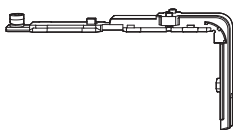
6 m connecting rod	ECC-groove	1 Piece(s)	334665

2.4.3 End cap



End cap	U4.5x20	100 Piece(s)	640885

2.4.4 Corner drive



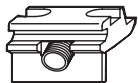
Corner drive without mishandling device, with retaining fork	50 Piece(s)	728844






2.4.5 Cam



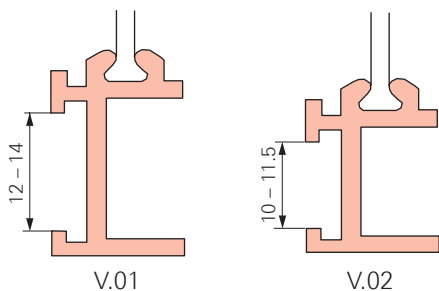
Cam	Insertable	100 Piece(s)	334671

2.4.6 Strikers



				N ^o
	Striker	V.01	100 Piece(s)	728918 
		V.02	100 Piece(s)	728920 

Groove versions










INFO

With groove versions from 11.6 mm to 11.9 mm, a profile assessment must be carried out and the components on the frame side must undergo demo assembly.

2.4.7 Latch / deadbolt striker plates



					N ^o
Latch / deadbolt striker plate		L shape	Left	100 Piece(s)	571194 
		L shape	Right	100 Piece(s)	571195 
		–	–	100 Piece(s)	571197 







Product overview

See page 70

C600 / C500

Cams 73

Bolts 76

Power wedges 83

Combination lockings 89

C600 - Three-part

Cams 100

3 Roto Safe C – Cylinder-operated multipoint lockings



Roto Safe C is the mechanical multipoint locking system in which the additional lockings and the deadbolt in the main lock are actuated using the cylinder.

3.1 Product overview

Main lock	C600				C500			
	4V	2CB / 3CB / 4CB / 2CB2V	2CH / 3CH / 4CH	2C / 3C / 4C / 4C2QB	4V	2CB / 4CB	2CH	2C / 3C / 4C / 4C2QB
Locking								
Lever handle-operated	–	–	–	–	–	–	–	–
Cylinder-operated	■	■	■	■	■	■	■	■
Mechanical-automatic	–	–	–	–	–	–	–	–
Electromechanical	–	–	–	–	–	–	–	–
Application range								
Backset	25 – 65	25 – 65	25 – 65	25 – 65	35 – 80	35 – 80	35 – 80	35 – 80
Min. SRH	1650	1500	1500	1500	1650	1500	1500	1500
Max. SRH	2400	3000	3000	3000	2400	3000	3000	3000
Distance	92, 94	92, 94	92, 94	92, 94	72, 85, 88	72, 85, 88	72, 85, 88	72, 85, 88
Spindle-receiver	8, 10	8, 10	8, 10	8, 10	8, 8.5, 10	8, 8.5, 10	8, 8.5, 10	8, 8.5, 10
Cylinder								
Profile cylinder	■	■	■	■	■	■	■	■
Round cylinder	□	□	□	□	–	–	–	–
Faceplate versions								
Flat faceplate 16 mm	■	■	■	■	■	■	■	■
Flat faceplate 20 mm	■	■	■	■	■	■	■	■
Flat faceplate 24 mm	–	■	■	■	–	□	□	□
U-shaped faceplate 4.5 x 20 mm	–	–	–	–	–	–	–	–
U-shaped faceplate 6 x 24 mm	–	■	■	■	–	□	□	□
N16 faceplate 16 mm	–	–	–	–	–	–	–	–
Round faceplate	–	□	□	□	–	□	□	□
Surface								
Roto Sil	■	■	■	■	■	■	■	■
Stainless steel	–	□	□	□	–	□	□	□



Main lock	C600				C500			
Additional lockings	4V	2CB / 3CB /	2CH /	2C / 3C / 4C /	4V	2CB /	2CH	2C / 3C / 4C /
		4CB /	3CH /	4C2QB		4CB		4C2QB
		2CB2V	4CH					
Security								
Burglary inhibition [3]	RC 1	RC 2	RC 2, RC 3	RC 2, RC 3	RC 1	RC 2	RC 2	RC 2, RC 3
Push-back safeguard	■	■	■	■	■	■	■	■
Panic function	-	-	-	-	-	-	-	-
Escape function	-	-	-	-	-	-	-	-
ID latch	-	□	□	□	-	-	-	□
Additional locking device	-	□	□	□	-	□	□	□
Comfort								
Automatic locking	-	-	-	-	-	-	-	-
Whisper latch	■	■	■	■	-	-	-	-
Day-time unlocking	-	-	-	-	-	-	-	-
Processing								
Latch can be turned from the front	■	■	■	■	-	-	-	-
Without deadbolt	-	-	-	-	-	-	-	-
Extendable at the top	□	□	□	□	-	-	-	-
Extendable at the bottom	□	-	-	-	-	-	-	-
Multipart design	□	-	-	-	-	-	-	-

■ = standard, □ = optional

[3] Depending on the number of additional lockings / system

3.2 C600 / C500



Product description

Roto Safe C | C600 is the mechanical multipoint locking system in which the main lock and additional lockings can be unlocked and locked using the profile cylinder.

The additional locking versions offer functional freedom: from the basic 5-point locking with V cams through to the 17-point locking with combination lockings and Quadbolts, requirements for affordability and high performance can both be met.

The locks are suitable for main doors, apartment doors and back doors in all frame materials.

Advantages at a glance

- Robust, smooth-running espagnolette for simple operation
- High level of burglary inhibition up to RC 3
- Sound-absorbing whisper latch for closing the door quietly
- Push-back safeguarded after one turn of the key
- Latch can be turned around when installed for simple conversion on the construction site



Product characteristics



Security

- Push-back safeguarded after one turn of the key
- E cams, V cams and bolts for basic burglary inhibition
- Power wedge, combination locking and Quadbolt for a high level of burglary inhibition



Comfort

- Stable, smooth-running espagnolette for simple operation
- Sound-absorbing whisper latch for closing the door quietly



Efficiency

- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Latch can be turned around when installed for simple conversion on the construction site



Design

- Door designs up to 3000 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 25 to 80 mm for a high level of flexibility



Quality

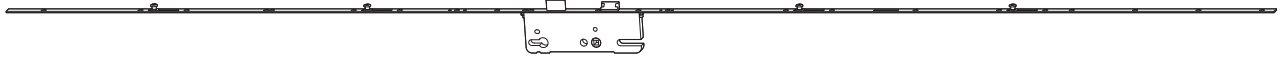
- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

[4] Applies to all multipoint lockings with a power wedge (CH) or combination locking (C) as additional lockings.



3.2.1 Cams

3.2.1.1 4 V cams (4V)



1900 – 2200	25	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	609344 <input checked="" type="checkbox"/>	
	30	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	611402 <input checked="" type="checkbox"/>	
	35	85	8	1013	–	300	V22/25	C500	Roto Sil	5 Piece(s)	392406 <input type="checkbox"/>	
		92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776505 <input checked="" type="checkbox"/>	
	40	94	8	1020	RZ	300	V22/25	C600	Roto Sil	5 Piece(s)	776592 <input type="checkbox"/>	
		85	8	1013	–	300	V22/25	C500	Roto Sil	5 Piece(s)	392407 <input type="checkbox"/>	
	45	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776511 <input checked="" type="checkbox"/>	
		85	8	1013	–	300	V22/25	C500	Roto Sil	5 Piece(s)	392408 <input type="checkbox"/>	
	50	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776506 <input checked="" type="checkbox"/>	
		94	8	1020	RZ	300	V22/25	C600	Roto Sil	5 Piece(s)	776578 <input type="checkbox"/>	
	55	85	8	1013	–	300	V22/25	C500	Roto Sil	5 Piece(s)	392409 <input type="checkbox"/>	
		92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776587 <input checked="" type="checkbox"/>	
	65	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776509 <input checked="" type="checkbox"/>	
		94	8	1020	RZ	300	V22/25	C600	Roto Sil	5 Piece(s)	776583 <input type="checkbox"/>	
	2200 – 2500	35	85	8	1013	–	300	V22/27	C500	Roto Sil	5 Piece(s)	392443 <input type="checkbox"/>
			92	8	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	776577 <input checked="" type="checkbox"/>
		40	85	8	1013	–	300	V22/27	C500	Roto Sil	5 Piece(s)	392444 <input type="checkbox"/>
			92	8	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	776588 <input checked="" type="checkbox"/>
45		85	8	1013	–	300	V22/27	C500	Roto Sil	5 Piece(s)	392445 <input type="checkbox"/>	
		92	8	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	776579 <input checked="" type="checkbox"/>	
50		85	8	1013	–	300	V22/27	C500	Roto Sil	5 Piece(s)	392446 <input type="checkbox"/>	
		92	8	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	787989 <input checked="" type="checkbox"/>	
55		85	8	1013	–	300	V22/27	C500	Roto Sil	5 Piece(s)	392447 <input type="checkbox"/>	
		92	8	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	776589 <input checked="" type="checkbox"/>	
65		92	10	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	787862 <input type="checkbox"/>	
		85	8	1013	–	300	V22/27	C500	Roto Sil	5 Piece(s)	392448 <input type="checkbox"/>	
92		10	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	780205 <input checked="" type="checkbox"/>		

Roto Safe C – Cylinder-operated multipoint lockings
C600 / C500
 Cams



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1900 – 2200	35	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	787863 <input type="checkbox"/>
	45	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776557 <input type="checkbox"/>
	50	92	10	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776591 <input type="checkbox"/>
	55	92	8	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	787991 <input type="checkbox"/>
		92	10	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	780207 <input type="checkbox"/>
	65	92	10	1020	–	300	V22/25	C600	Roto Sil	5 Piece(s)	776773 <input type="checkbox"/>
2200 – 2500	55	92	10	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	787864 <input type="checkbox"/>
	65	92	10	1020	–	300	V22/27	C600	Roto Sil	5 Piece(s)	787993 <input type="checkbox"/>

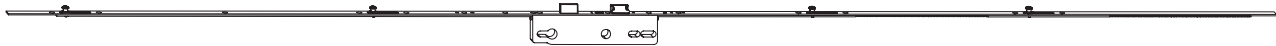


INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



3.2.1.2 4 V cams (4V) – couplable at the top



1900 – 2200	35	92	8	1020	STI ZOV	300	V22/25	C600	Roto Sil	5 Piece(s)	776703	<input type="checkbox"/>
	40	92	8	1020	STI ZOV	300	V22/25	C600	Roto Sil	5 Piece(s)	808143	<input type="checkbox"/>
	45	92	8	1020	STI ZOV	300	V22/25	C600	Roto Sil	5 Piece(s)	776708	<input type="checkbox"/>
	65	92	8	1020	STI ZOV	300	V22/25	C600	Roto Sil	5 Piece(s)	780208	<input type="checkbox"/>
1915 – 2165	35	85	8	1013	ZOV	250	V18/25	C500	Roto Sil	5 Piece(s)	492001	<input type="checkbox"/>
		92	8	1020	ZOV	250	V18/25	C600	Roto Sil	5 Piece(s)	837872	<input type="checkbox"/>
	40	85	8	1013	ZOV	250	V18/25	C500	Roto Sil	5 Piece(s)	490962	<input type="checkbox"/>
		92	8	1020	ZOV	250	V18/25	C600	Roto Sil	5 Piece(s)	776575	<input type="checkbox"/>
	45	85	8	1013	ZOV	250	V18/25	C500	Roto Sil	5 Piece(s)	492002	<input type="checkbox"/>
		92	8	1020	ZOV	250	V18/25	C600	Roto Sil	5 Piece(s)	776584	<input type="checkbox"/>
	50	85	8	1013	ZOV	250	V18/25	C500	Roto Sil	5 Piece(s)	492003	<input type="checkbox"/>
		92	8	1020	ZOV	250	V18/25	C600	Roto Sil	5 Piece(s)	799561	<input type="checkbox"/>
	55	85	8	1013	ZOV	250	V18/25	C500	Roto Sil	5 Piece(s)	492004	<input type="checkbox"/>
		92	8	1020	ZOV	250	V18/25	C600	Roto Sil	5 Piece(s)	776590	<input type="checkbox"/>
65	85	8	1013	ZOV	250	V18/25	C500	Roto Sil	5 Piece(s)	492095	<input type="checkbox"/>	



Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*



INFO

With multipoint lockings (“STI” special version characteristic), the shootbolt protrusion is integrated such that it operates in a downwards direction.



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

Connector components



Height	Length	Profile	Locking	Mounting	#	Material	Surface	Protection	Quantity	No.
2200 – 3000	200	F16	-	-	-	-	-	Roto Sil	10 Piece(s)	633956 <input checked="" type="checkbox"/>
			-	-	1	V	Roto Sil	10 Piece(s)	637588 <input checked="" type="checkbox"/>	
		F20	-	-	-	-	-	Roto Sil	10 Piece(s)	633957 <input type="checkbox"/>
	-		-	1	V	Roto Sil	10 Piece(s)	637589 <input type="checkbox"/>		
	400	F16	-	-	-	-	-	Roto Sil	10 Piece(s)	633934 <input checked="" type="checkbox"/>
			-	-	1	V	Roto Sil	10 Piece(s)	637587 <input checked="" type="checkbox"/>	
F20		-	-	-	-	-	Roto Sil	10 Piece(s)	633955 <input type="checkbox"/>	
	-	-	1	V	Roto Sil	10 Piece(s)	637590 <input type="checkbox"/>			



INFO

Maximum SRH of 3000 mm: two connector components with lengths of 200 mm and 400 mm can be coupled.

3.2.2 Bolts

3.2.2.1 2 bolts (2CB)



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Height	Profile	Profile	Profile	Locking	Material	Length	Mounting	Surface	Protection	Quantity	No.
1500 – 1900	30	92	8	1020	-	400	V02/05	C600	Roto Sil	5 Piece(s)	815940 <input type="checkbox"/>
											776643 <input type="checkbox"/>
	40	92	8	1020	-	400	V02/05	C600	Roto Sil	5 Piece(s)	776561 <input type="checkbox"/>
											808559 <input type="checkbox"/>
	45	92	8	1020	-	400	V02/05	C600	Roto Sil	5 Piece(s)	776540 <input type="checkbox"/>
											776713 <input type="checkbox"/>
	50	92	10	1020	-	400	V02/05	C600	Roto Sil	5 Piece(s)	776684 <input type="checkbox"/>
											776715 <input type="checkbox"/>
55	92	8	1020	-	400	V02/05	C600	Roto Sil	5 Piece(s)	776679 <input type="checkbox"/>	
										780212 <input type="checkbox"/>	
65	92	10	1020	-	400	V02/05	C600	Roto Sil	5 Piece(s)	776560 <input type="checkbox"/>	
										788043 <input type="checkbox"/>	
1800 – 2200	35	92	8	1020	-	400	V02/01	C600	Roto Sil	5 Piece(s)	611409 <input checked="" type="checkbox"/>
											611421 <input checked="" type="checkbox"/>
	40	92	8	1020	-	300	V02/03	C600	Roto Sil	5 Piece(s)	776526 <input checked="" type="checkbox"/>
											776537 <input checked="" type="checkbox"/>
	45	92	8	1020	-	300	V02/03	C600	Roto Sil	5 Piece(s)	788038 <input type="checkbox"/>
											776525 <input checked="" type="checkbox"/>
	50	92	8	1020	-	300	V02/03	C600	Roto Sil	5 Piece(s)	793113 <input type="checkbox"/>
											776655 <input checked="" type="checkbox"/>
	55	92	8	1020	-	300	V02/03	C600	Roto Sil	5 Piece(s)	776531 <input checked="" type="checkbox"/>
											776543 <input checked="" type="checkbox"/>
	65	92	10	1020	-	300	V02/03	C600	Roto Sil	5 Piece(s)	632378 <input type="checkbox"/>
80	92	10	1020	-	300	V02/03	C500	Roto Sil	5 Piece(s)		



											N ^o
2200 – 2400	35	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776698 <input checked="" type="checkbox"/>
	40	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	780224 <input checked="" type="checkbox"/>
	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776556 <input checked="" type="checkbox"/>
	55	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776562 <input checked="" type="checkbox"/>
	65	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	787931 <input checked="" type="checkbox"/>



											N ^o
1500 – 1900	45	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	896085 <input type="checkbox"/>
		92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776697 <input type="checkbox"/>
	50	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	797112 <input type="checkbox"/>
	65	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776753 <input type="checkbox"/>
	80	92	10	1020	–	400	V02/05	C500	Roto Sil	5 Piece(s)	636510 <input type="checkbox"/>
1800 – 2200	45	92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	776671 <input type="checkbox"/>
	50	92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	797113 <input type="checkbox"/>
	65	92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	787928 <input type="checkbox"/>
1900 – 2200	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	780222 <input checked="" type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776538 <input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776559 <input type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	797114 <input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	780217 <input checked="" type="checkbox"/>
	65	92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776539 <input checked="" type="checkbox"/>
2200 – 2400	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	896086 <input type="checkbox"/>
		92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776730 <input type="checkbox"/>
	50	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	797125 <input type="checkbox"/>
	65	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	780228 <input type="checkbox"/>
	80	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	861314 <input type="checkbox"/>



											N ^o
1500 – 1900	45	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	784958 <input type="checkbox"/>
1900 – 2200	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	780243 <input type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	815555 <input type="checkbox"/>
	45	92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	780223 <input type="checkbox"/>

Roto Safe C – Cylinder-operated multipoint lockings
C600 / C500
 Bolts



6x24

1500 – 1900	35	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776721 <input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776652 <input type="checkbox"/>
1800 – 2200	35	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	776630 <input type="checkbox"/>
1900 – 2200		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776547 <input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776534 <input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	787902 <input checked="" type="checkbox"/>
2200 – 2400	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776733 <input type="checkbox"/>

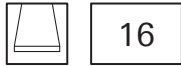
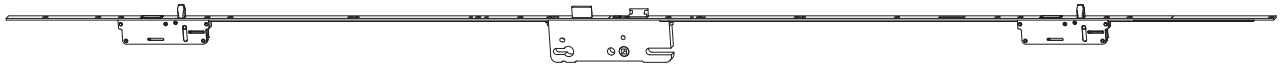


INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



3.2.2.2 3 bolts (3CB) – couplable



											N ^o
2230 – 3000	35	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	782959 <input type="checkbox"/>
	45	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776558 <input type="checkbox"/>
	55	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776566 <input type="checkbox"/>
	65	92	10	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776573 <input type="checkbox"/>



											N ^o
2230 – 3000	65	92	10	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	780202 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

Connector components



								N ^o
2230 – 2700	600	F16	300	–	Bolt	Roto Sil	5 Piece(s)	620682 <input type="checkbox"/>
		F20	300	–	Bolt	Roto Sil	5 Piece(s)	620689 <input type="checkbox"/>
2700 – 3000	900	F16	300	–	Bolt	Roto Sil	5 Piece(s)	620685 <input type="checkbox"/>
		F20	300	–	Bolt	Roto Sil	5 Piece(s)	620692 <input type="checkbox"/>



INFO

Connector components 600

SRH 2230 – 2530 mm: the coupling point on the multipoint locking must be cropped by 170 mm.

SRH 2400 – 2700 mm: do not crop the coupling point on the multipoint locking.

3.2.2.3 4 bolts (4CB)



1900 – 2200		35	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776710 <input type="checkbox"/>
		40	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	780235 <input type="checkbox"/>
		45	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776682 <input type="checkbox"/>
		55	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776759 <input type="checkbox"/>
		65	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776760 <input type="checkbox"/>

INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

3.2.2.4 2 bolts with 2 cams (2CB2V) – couplable



2035 – 2245		35	92	8	1020	ZOZU	300	V52/53	C600	Roto Sil	5 Piece(s)	776580 <input type="checkbox"/>
		40	92	8	1020	ZOZU	300	V52/53	C600	Roto Sil	5 Piece(s)	787923 <input type="checkbox"/>
		45	92	8	1020	ZOZU	300	V52/53	C600	Roto Sil	5 Piece(s)	776582 <input type="checkbox"/>
		55	92	8	1020	ZOZU	300	V52/53	C600	Roto Sil	5 Piece(s)	782927 <input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Compatible shootbolt protrusion at the bottom: shootbolt protrusion 110 → *from page 192*



2035 – 2245		45	92	8	1020	ZOZU	300	V52/53	C600	Roto Sil	5 Piece(s)	776593 <input type="checkbox"/>

Compatible shootbolt protrusion at the top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

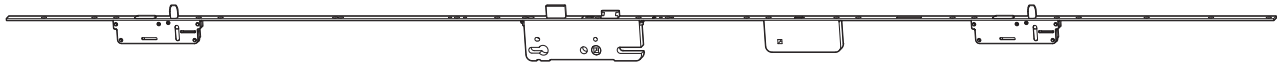
Compatible shootbolt protrusion at the bottom: shootbolt protrusion 110 → *from page 192*

INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



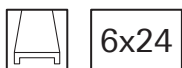
3.2.2.5 2 bolts with ID latch (2CBTF)



1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	780229 <input type="checkbox"/>
	65	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	788041 <input type="checkbox"/>



1900 – 2200	65	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	788028 <input type="checkbox"/>



1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	796208 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

3.2.2.6 2 bolts with additional locking device (2CBZS)



1900 – 2200	35	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776661 <input type="checkbox"/>	
	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776645 <input type="checkbox"/>	
	55	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776693 <input type="checkbox"/>	



1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776696 <input type="checkbox"/>	
	55	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	784963 <input type="checkbox"/>	



1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776667 <input type="checkbox"/>	



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



3.2.3 Power wedges

3.2.3.1 2 power wedges (2CH)



1500 – 1900	35	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776548	<input type="checkbox"/>
	40	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776676	<input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776648	<input type="checkbox"/>
	50	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776736	<input type="checkbox"/>
1800 – 2200	35	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	783161	<input type="checkbox"/>
	40	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	783160	<input type="checkbox"/>
	45	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	788037	<input type="checkbox"/>
1900 – 2200	25	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	611408	<input checked="" type="checkbox"/>
	30	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	611420	<input checked="" type="checkbox"/>
	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776530	<input checked="" type="checkbox"/>
	40	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776545	<input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776528	<input checked="" type="checkbox"/>
	50	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776614	<input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776717	<input checked="" type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	780230	<input type="checkbox"/>
2200 – 2400	65	92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	787929	<input checked="" type="checkbox"/>
	35	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776742	<input checked="" type="checkbox"/>
	40	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	783159	<input checked="" type="checkbox"/>
	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776690	<input checked="" type="checkbox"/>
	50	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	780239	<input checked="" type="checkbox"/>

Roto Safe C – Cylinder-operated multipoint lockings
C600 / C500
 Power wedges



											N ^o
1500 – 1900	45	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	787861 <input type="checkbox"/>
		92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	818682 <input type="checkbox"/>
	55	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776615 <input type="checkbox"/>
		92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	784962 <input type="checkbox"/>
		92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776738 <input type="checkbox"/>
		92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776707 <input type="checkbox"/>
1800 – 2200	45	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	788182 <input type="checkbox"/>
1900 – 2200	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776571 <input checked="" type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	819085 <input checked="" type="checkbox"/>
	55	92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776608 <input type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776572 <input checked="" type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776565 <input type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776770 <input checked="" type="checkbox"/>
2200 – 2400	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	788183 <input checked="" type="checkbox"/>
		92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	818684 <input checked="" type="checkbox"/>
	55	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776631 <input type="checkbox"/>
		92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	780242 <input checked="" type="checkbox"/>
		92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776758 <input type="checkbox"/>
		92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776706 <input checked="" type="checkbox"/>



											N ^o
1500 – 1900	40	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776694 <input type="checkbox"/>
1900 – 2200		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776659 <input type="checkbox"/>
	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	788036 <input type="checkbox"/>
2200 – 2400	40	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776748 <input type="checkbox"/>



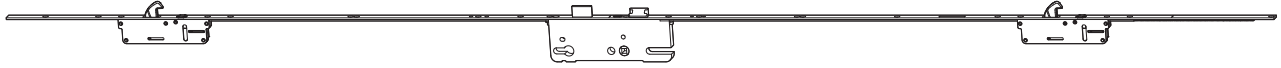
											N ^o
1500 – 1900	35	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776656 <input type="checkbox"/>
		92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776683 <input type="checkbox"/>
		92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	818683 <input type="checkbox"/>
		92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	780220 <input type="checkbox"/>
1900 – 2200	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776536 <input checked="" type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776544 <input checked="" type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	818634 <input checked="" type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776714 <input checked="" type="checkbox"/>
2200 – 2400	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776723 <input type="checkbox"/>
		92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	819088 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

3.2.3.2 3 power wedges (3CH) – couplable



16

Height	Wedge width	Wedge height	Wedge diameter	Wedge length	Wedge type	Wedge material	Wedge thickness	Wedge height	Wedge type	Wedge material	Wedge quantity	No.
2230 – 3000	35	92	8	1020	KO	–	–	–	C600	Roto Sil	5 Piece(s)	780203 <input type="checkbox"/>
	40	92	8	1020	KO	–	–	–	C600	Roto Sil	5 Piece(s)	787859 <input type="checkbox"/>
	45	92	8	1020	KO	–	–	–	C600	Roto Sil	5 Piece(s)	787860 <input type="checkbox"/>



20

Height	Wedge width	Wedge height	Wedge diameter	Wedge length	Wedge type	Wedge material	Wedge thickness	Wedge height	Wedge type	Wedge material	Wedge quantity	No.
2230 – 3000	65	92	10	1020	KO	–	–	–	C600	Roto Sil	5 Piece(s)	776570 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

Connector components



Height	Wedge length	Wedge type	Wedge length	Wedge height	Wedge type	Wedge material	Wedge quantity	Wedge material	No.
2230 – 2700	600	F16	300	–	Power wedge	Roto Sil	5 Piece(s)	620683 <input type="checkbox"/>	
		F20	300	–	Power wedge	Roto Sil	5 Piece(s)	620690 <input type="checkbox"/>	
2700 – 3000	900	F16	300	–	Power wedge	Roto Sil	5 Piece(s)	620686 <input type="checkbox"/>	
		F20	300	–	Power wedge	Roto Sil	5 Piece(s)	620693 <input type="checkbox"/>	



INFO

Connector components 600

SRH 2230 – 2530 mm: the coupling point on the multipoint locking must be cropped by 170 mm.

SRH 2400 – 2700 mm: do not crop the coupling point on the multipoint locking.



3.2.3.3 4 power wedges (4CH)



1900 – 2200	35	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776665 <input type="checkbox"/>
	40	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776695 <input type="checkbox"/>
	45	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776666 <input type="checkbox"/>
	50	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	899248 <input type="checkbox"/>



1900 – 2200	45	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776722 <input type="checkbox"/>
	65	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776729 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



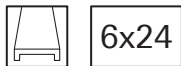
3.2.3.4 2 power wedges with ID latch (2CHTF)



Height	Wedge width	Wedge height	Wedge diameter	Wedge length	Wedge material	Wedge weight	Wedge type	Wedge code	Wedge material	Wedge quantity	No.
1900 – 2200	40	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	787927 <input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776602 <input type="checkbox"/>



Height	Wedge width	Wedge height	Wedge diameter	Wedge length	Wedge material	Wedge weight	Wedge type	Wedge code	Wedge material	Wedge quantity	No.
1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	788042 <input type="checkbox"/>
	50	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	819087 <input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	796209 <input type="checkbox"/>
	65	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	780234 <input type="checkbox"/>



Height	Wedge width	Wedge height	Wedge diameter	Wedge length	Wedge material	Wedge weight	Wedge type	Wedge code	Wedge material	Wedge quantity	No.
1900 – 2200	35	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776764 <input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	810749 <input type="checkbox"/>
	50	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	819086 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

3.2.3.5 3 power wedges with ID latch (3CHTF)



Height	Wedge width	Wedge height	Wedge diameter	Wedge length	Wedge material	Wedge weight	Wedge type	Wedge code	Wedge material	Wedge quantity	No.
1900 – 2200	55	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	787930 <input type="checkbox"/>
	65	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	784956 <input type="checkbox"/>



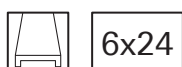
INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

3.2.3.6 2 power wedges with additional locking device (2CHZS)



1900 – 2200	35	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776678	<input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776687	<input type="checkbox"/>
	50	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776607	<input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776740	<input type="checkbox"/>



1900 – 2200	35	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	783143	<input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776691	<input type="checkbox"/>
2200 – 2400		92	8	1020	–	200	V02/19	C600	Roto Sil	5 Piece(s)	810070	<input type="checkbox"/>
	55	92	8	1020	–	200	V02/19	C600	Roto Sil	5 Piece(s)	812644	<input type="checkbox"/>



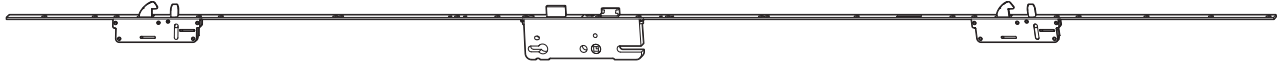
INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



3.2.4 Combination lockings

3.2.4.1 2 combination lockings (2C)



1500 – 1900	35	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776641	<input type="checkbox"/>	
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788054	<input type="checkbox"/>	
	40	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776673	<input type="checkbox"/>	
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822519	<input type="checkbox"/>	
	45	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776546	<input type="checkbox"/>	
		92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776727	<input type="checkbox"/>	
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	776616	<input type="checkbox"/>	
	50	94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822494	<input type="checkbox"/>	
	55	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	2009919	<input type="checkbox"/>	
		92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776724	<input type="checkbox"/>	
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788167	<input type="checkbox"/>	
	65	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776747	<input type="checkbox"/>	
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788169	<input type="checkbox"/>	
	1800 – 2200	35	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	776595	<input type="checkbox"/>
			94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822525	<input type="checkbox"/>
		40	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	837282	<input type="checkbox"/>
			94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822526	<input type="checkbox"/>
		45	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	776598	<input type="checkbox"/>
92			10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	788044	<input type="checkbox"/>	
94			8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822527	<input type="checkbox"/>	
50		94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822528	<input type="checkbox"/>	
55		94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822529	<input type="checkbox"/>	
65		94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822530	<input type="checkbox"/>	
1900 – 2200		25	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	611410	<input checked="" type="checkbox"/>
		30	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	611422	<input checked="" type="checkbox"/>
	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776523	<input checked="" type="checkbox"/>	
	40	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776532	<input checked="" type="checkbox"/>	
	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776524	<input checked="" type="checkbox"/>	
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776662	<input type="checkbox"/>	
	50	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	2020753	<input checked="" type="checkbox"/>	
	55	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776549	<input checked="" type="checkbox"/>	
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776672	<input type="checkbox"/>	
	65	92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776551	<input checked="" type="checkbox"/>	
2200 – 2400	35	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776651	<input checked="" type="checkbox"/>	
	40	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	783142	<input checked="" type="checkbox"/>	
	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776668	<input checked="" type="checkbox"/>	
	55	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	2009913	<input checked="" type="checkbox"/>	
	65	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	838620	<input checked="" type="checkbox"/>	

Roto Safe C – Cylinder-operated multipoint lockings
C600 / C500
 Combination lockings



20

1500 – 1900	35	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776725 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788171 <input type="checkbox"/>
	40	94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822533 <input type="checkbox"/>
		92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776649 <input type="checkbox"/>
	45	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776638 <input type="checkbox"/>
			8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788173 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788173 <input type="checkbox"/>
	50	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776621 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822534 <input type="checkbox"/>
	55	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776735 <input type="checkbox"/>
			8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788176 <input type="checkbox"/>
	65	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776756 <input type="checkbox"/>
8			1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	788178 <input type="checkbox"/>	
80	92	10	1020	–	400	V02/05	C500	Roto Sil	5 Piece(s)	796144 <input type="checkbox"/>	
1800 – 2200	35	94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822535 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822536 <input type="checkbox"/>
	45	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	787933 <input type="checkbox"/>
			10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	780213 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822537 <input type="checkbox"/>
	50	92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	776635 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822538 <input type="checkbox"/>
	55	92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	823896 <input type="checkbox"/>
			8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822539 <input type="checkbox"/>
	65	92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	793761 <input type="checkbox"/>
			8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822540 <input type="checkbox"/>
	1900 – 2200	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)
92			8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776688 <input checked="" type="checkbox"/>
45		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776535 <input checked="" type="checkbox"/>
			10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776647 <input type="checkbox"/>
50		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776618 <input checked="" type="checkbox"/>
55		92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776664 <input checked="" type="checkbox"/>
			10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776657 <input checked="" type="checkbox"/>
65		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776533 <input checked="" type="checkbox"/>
80	92	10	1020	–	300	V02/03	C500	Roto Sil	5 Piece(s)	632379 <input type="checkbox"/>	
2200 – 2400	35	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776660 <input checked="" type="checkbox"/>
		92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776599 <input checked="" type="checkbox"/>
	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	783144 <input checked="" type="checkbox"/>
			10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	793763 <input type="checkbox"/>
	50	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776632 <input checked="" type="checkbox"/>
	55	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	783148 <input checked="" type="checkbox"/>
			10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776726 <input type="checkbox"/>
	65	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	787932 <input checked="" type="checkbox"/>
80	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	861340 <input type="checkbox"/>	



1500 – 1900	40	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	858717 <input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	784959 <input type="checkbox"/>
		92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	780232 <input type="checkbox"/>
	50	92	10	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	796280 <input type="checkbox"/>
	55	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	2021609 <input type="checkbox"/>
	65	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	2021610 <input type="checkbox"/>
1800 – 2200	45	92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	837281 <input type="checkbox"/>
	50	92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	796281 <input type="checkbox"/>
1900 – 2200	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776669 <input checked="" type="checkbox"/>
	40	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	858719 <input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776663 <input checked="" type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776674 <input type="checkbox"/>
	50	92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	796282 <input checked="" type="checkbox"/>
2200 – 2400	40	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	858735 <input checked="" type="checkbox"/>
	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	840263 <input checked="" type="checkbox"/>
	50	92	10	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	796283 <input checked="" type="checkbox"/>



Roto Safe C – Cylinder-operated multipoint lockings
C600 / C500
 Combination lockings



1500 – 1900	35	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	782958	<input type="checkbox"/>
		92	8	1020	–	400	V02/05	C600	Stainless steel	5 Piece(s)	776732	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822543	<input type="checkbox"/>
	40	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776604	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822544	<input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776653	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822545	<input type="checkbox"/>
	50	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776603	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	811498	<input type="checkbox"/>
	55	92	8	1020	–	400	V02/05	C600	Roto Sil	5 Piece(s)	776619	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822546	<input type="checkbox"/>
	65	94	8	1020	RZ	400	V02/05	C600	Roto Sil	5 Piece(s)	822547	<input type="checkbox"/>
1800 – 2200	35	92	8	1020	–	400	V02/01	C600	Stainless steel	5 Piece(s)	784957	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822548	<input type="checkbox"/>
	40	94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822549	<input type="checkbox"/>
		92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	894950	<input type="checkbox"/>
	45	94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822550	<input type="checkbox"/>
		92	8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	783153	<input type="checkbox"/>
		92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	891079	<input type="checkbox"/>
	50	94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822551	<input type="checkbox"/>
		92	10	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	821461	<input type="checkbox"/>
	55	94	8	1020	RZ	400	V02/01	C600	Roto Sil	5 Piece(s)	822552	<input type="checkbox"/>
92		8	1020	–	400	V02/01	C600	Roto Sil	5 Piece(s)	822553	<input type="checkbox"/>	
1900 – 2200	35	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776563	<input checked="" type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Stainless steel	5 Piece(s)	776642	<input type="checkbox"/>
	40	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	806837	<input checked="" type="checkbox"/>
		94	8	1020	RZ	300	V02/03	C600	Roto Sil	5 Piece(s)	776628	<input type="checkbox"/>
	45	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776639	<input checked="" type="checkbox"/>
		92	8	1020	–	300	V02/03	C600	Stainless steel	5 Piece(s)	776681	<input type="checkbox"/>
	50	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	783152	<input checked="" type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	891085	<input type="checkbox"/>
		94	8	1020	RZ	300	V02/03	C600	Roto Sil	5 Piece(s)	812614	<input type="checkbox"/>
	55	92	8	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	776702	<input checked="" type="checkbox"/>
		92	10	1020	–	300	V02/03	C600	Roto Sil	5 Piece(s)	787926	<input type="checkbox"/>
	65	92	8	1020	–	300	V02/03	C600	Stainless steel	5 Piece(s)	863083	<input type="checkbox"/>
2200 – 2400	45	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776658	<input checked="" type="checkbox"/>
	50	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	783151	<input checked="" type="checkbox"/>
		94	8	1020	RZ	200	V02/07	C600	Roto Sil	5 Piece(s)	812666	<input type="checkbox"/>
	55	92	8	1020	–	200	V02/07	C600	Roto Sil	5 Piece(s)	776622	<input checked="" type="checkbox"/>

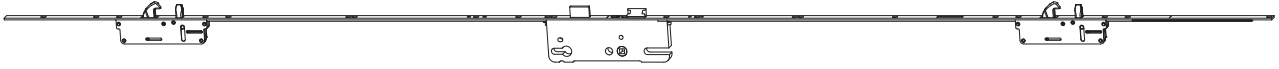


INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



3.2.4.2 3 combination lockings (3C) – coupleable

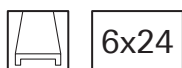


											N ^o
2230 – 3000	35	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776761 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	788165 <input type="checkbox"/>
	40	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	780200 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822531 <input type="checkbox"/>
	45	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776567 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	780237 <input type="checkbox"/>
	50	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	828410 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822532 <input type="checkbox"/>
	55	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776564 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	785755 <input type="checkbox"/>
	65	92	10	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	780201 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	788170 <input type="checkbox"/>



											N ^o
2230 – 3000	35	94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	788172 <input type="checkbox"/>
		40	94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)
	45	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	780214 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	788174 <input type="checkbox"/>
	50	94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822542 <input type="checkbox"/>
	55	92	10	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	796143 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	788177 <input type="checkbox"/>
	65	92	10	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776568 <input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	788179 <input type="checkbox"/>
	80	92	10	1020	KO	–	–	C500	Roto Sil	5 Piece(s)	735147 <input type="checkbox"/>

Roto Safe C – Cylinder-operated multipoint lockings
C600 / C500
 Combination lockings



2230 – 3000	35	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	784934	<input type="checkbox"/>
		92	8	1020	KO	–	–	C600	Stainless steel	5 Piece(s)	823840	<input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822554	<input type="checkbox"/>
	40	94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822555	<input type="checkbox"/>
	45	92	8	1020	KO	–	–	C600	Roto Sil	5 Piece(s)	776597	<input type="checkbox"/>
		92	8	1020	KO	–	–	C600	Stainless steel	5 Piece(s)	787924	<input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822556	<input type="checkbox"/>
	55	94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822557	<input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Stainless steel	5 Piece(s)	776637	<input type="checkbox"/>
	65	92	8	1020	KO	–	–	C600	Stainless steel	5 Piece(s)	863084	<input type="checkbox"/>
		94	8	1020	KO RZ	–	–	C600	Roto Sil	5 Piece(s)	822558	<input type="checkbox"/>

i INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.

Connector components



2230 – 2700	600	F16	300	–	Combination locking	Roto Sil	5 Piece(s)	620681	<input type="checkbox"/>
		F20	300	–	Combination locking	Roto Sil	5 Piece(s)	620688	<input type="checkbox"/>
		U6x24	300	–	Combination locking	Roto Sil	5 Piece(s)	757637	<input type="checkbox"/>
		U6x24	300	–	Combination locking	Stainless steel	5 Piece(s)	633351	<input type="checkbox"/>
2700 – 3000	900	F16	300	–	Combination locking	Roto Sil	5 Piece(s)	620684	<input type="checkbox"/>
		F20	300	–	Combination locking	Roto Sil	5 Piece(s)	620691	<input type="checkbox"/>
		U6x24	300	–	Combination locking	Roto Sil	5 Piece(s)	757638	<input type="checkbox"/>
		U6x24	300	–	Combination locking	Stainless steel	5 Piece(s)	633352	<input type="checkbox"/>

i INFO

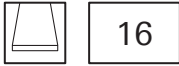
Connector components 600

SRH 2230 – 2530 mm: the coupling point on the multipoint locking must be cropped by 170 mm.

SRH 2400 – 2700 mm: do not crop the coupling point on the multipoint locking.



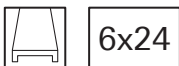
3.2.4.3 4 combination lockings (4C)



											N ^o
1900 – 2200	35	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776720 <input type="checkbox"/>
	40	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776644 <input type="checkbox"/>
	45	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776650 <input type="checkbox"/>
	55	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	787925 <input type="checkbox"/>
	65	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776700 <input type="checkbox"/>



											N ^o
1900 – 2200	35	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	780219 <input type="checkbox"/>
	45	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776692 <input type="checkbox"/>
	50	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776634 <input type="checkbox"/>
	55	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	780247 <input type="checkbox"/>
	65	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776709 <input type="checkbox"/>
	80	92	10	1020	–	300	V08/17	C500	Roto Sil	5 Piece(s)	796155 <input type="checkbox"/>



											N ^o
1900 – 2200	35	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776734 <input type="checkbox"/>
	45	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776774 <input type="checkbox"/>
	50	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	794582 <input type="checkbox"/>
	55	92	8	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776596 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

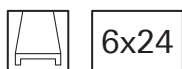
3.2.4.4 2 combination lockings with ID latch (2CTF)



Height	Locking height	Locking width	Locking diameter	Locking depth	Locking type	Locking length	Locking width	Locking height	Locking type	Locking length	Locking width	No.
1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	788205	<input type="checkbox"/>
		92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	787922	<input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	787917	<input type="checkbox"/>



Height	Locking height	Locking width	Locking diameter	Locking depth	Locking type	Locking length	Locking width	Locking height	Locking type	Locking length	Locking width	No.
1900 – 2200	45	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	793845	<input type="checkbox"/>
	50	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	797126	<input type="checkbox"/>
	55	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	793846	<input type="checkbox"/>
	65	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	787920	<input type="checkbox"/>



Height	Locking height	Locking width	Locking diameter	Locking depth	Locking type	Locking length	Locking width	Locking height	Locking type	Locking length	Locking width	No.
1900 – 2200	35	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776744	<input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	780221	<input type="checkbox"/>
	50	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776767	<input type="checkbox"/>
		92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	891086	<input type="checkbox"/>
	55	92	10	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	821458	<input type="checkbox"/>

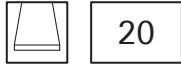


INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



3.2.4.5 3 combination lockings with ID latch (3CTF)



Height	Locking 1	Locking 2	Locking 3	Locking 4	Locking 5	Locking 6	Locking 7	Locking 8	Locking 9	Locking 10	Locking 11	No.
1900 – 2200	50	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776633	<input type="checkbox"/>
	55	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	776762	<input type="checkbox"/>
	65	92	10	1020	–	300	V08/17	C600	Roto Sil	5 Piece(s)	788040	<input type="checkbox"/>

i INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

3.2.4.6 2 combination lockings with additional locking device (2CZS)



Height	Locking 1	Locking 2	Locking 3	Locking 4	Locking 5	Locking 6	Locking 7	Locking 8	Locking 9	Locking 10	Locking 11	No.
1900 – 2200	35	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776718	<input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776712	<input type="checkbox"/>



Height	Locking 1	Locking 2	Locking 3	Locking 4	Locking 5	Locking 6	Locking 7	Locking 8	Locking 9	Locking 10	Locking 11	No.
1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776705	<input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776646	<input type="checkbox"/>
	65	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776716	<input type="checkbox"/>
2200 – 2400	45	92	8	1020	–	200	V02/19	C600	Roto Sil	5 Piece(s)	776711	<input type="checkbox"/>

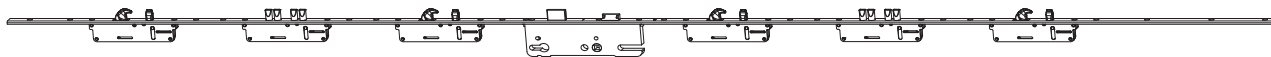


Height	Locking 1	Locking 2	Locking 3	Locking 4	Locking 5	Locking 6	Locking 7	Locking 8	Locking 9	Locking 10	Locking 11	No.
1900 – 2200	45	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	776689	<input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	C600	Roto Sil	5 Piece(s)	796371	<input type="checkbox"/>

i INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

3.2.4.7 4 combination lockings and 2 Quadbolts (4C2QB)



6x24

1900 – 2200	40	92	8	1020	–	300	V62/91	C600	Roto Sil	5 Piece(s)	776739 <input type="checkbox"/>	
	50	92	8	1020	–	300	V62/91	C600	Roto Sil	5 Piece(s)	776741 <input type="checkbox"/>	



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



3.3 C600 - Three-part



Product description

Roto Safe C | C600 – three-part is the modular, mechanical multipoint locking system in which the main lock and additional lockings can be unlocked and locked using the profile cylinder.

The available additional locking versions make it possible to create locking solutions for customer groups who are conscious of price: E and V cams offer basic security functions.

The Roto Safe C600 – three-part range offers excellent flexibility in logistics and processing. Connector components are easily attached to the selected main lock with E or V cams.

The locks are suitable for main doors, apartment doors and back doors in all frame materials.

Advantages at a glance

- Robust, smooth-running espagnolette for simple operation
- Sound-absorbing whisper latch for closing the door quietly
- Push-back safeguarded after one turn of the key
- Latch can be turned around when installed for simple conversion on the construction site
- Multipart design for a high level of flexibility in logistics and processing



Product characteristics



Security

- Push-back safeguarded after one turn of the key
- E cams and V cams for basic burglary inhibition
- Multipart design for a high level of flexibility in logistics and processing



Comfort

- Robust, smooth-running espagnolette for simple operation
- Sound-absorbing whisper latch for closing the door quietly



Efficiency

- Roto NX / NT frame components are used to reduce the storage requirements
- Latch can be turned around when installed for simple conversion on the construction site



Design

- Door designs up to 2500 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term

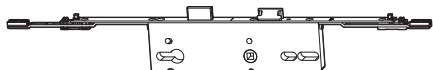


Quality

- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

3.3.1 Cams

3.3.1.1 4 E cams (4E) – coupleable



Height	Width	Depth	Number of Cams	Material	Key	Locking	Mounting	Code	Material	Quantity	No.
1764 – 2464	35	92	8	–	KOKU	–	–	C600	Roto Sil	360 Piece(s)	857214 <input checked="" type="checkbox"/>
		92	8	–	KOKU	–	–	C600	Roto Sil	360 Piece(s)	808640 <input checked="" type="checkbox"/>
		94	8	–	KOKU RZ	–	–	C600	Roto Sil	360 Piece(s)	808642 <input type="checkbox"/>



INFO

Detailed dimensional drawing of the multipoint locking. → *from page 331*

Connector components



Height	Length	Profile	Width	Mounting	Code	Number of Cams	Material	Mounting	Material	Quantity	No.
1764 – 2164	744	F16	200	–	Cam	1	E	Top Bottom	Roto Sil	760 Piece(s)	630959 <input checked="" type="checkbox"/>
	879	F16	–	–	Cam	2	E	Top Bottom	Roto Sil	760 Piece(s)	630958 <input checked="" type="checkbox"/>
1764 – 2464	1179	F16	–	–	Cam	2	E	Top	Roto Sil	760 Piece(s)	630960 <input checked="" type="checkbox"/>



INFO

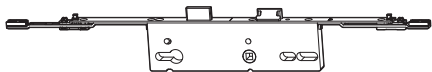
The connector components with a length of 744 mm can be optionally coupled with shootbolt protrusion.

Top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Bottom: shootbolt protrusion 110 → *from page 192*



3.3.1.2 4 V cams (4V) – coupleable



16

1764 – 2464	35	92	8	–	KOKU	–	–	C600	Roto Sil	360 Piece(s)	857214 <input checked="" type="checkbox"/>	
	40	92	8	–	KOKU	–	–	C600	Roto Sil	360 Piece(s)	808640 <input checked="" type="checkbox"/>	
		94	8	–	KOKU RZ	–	–	C600	Roto Sil	360 Piece(s)	808642 <input type="checkbox"/>	



INFO

Detailed dimensional drawing of the multipoint locking. → *from page 331*

Connector components



1764 – 2164	744	F16	200	–	Cam	1	V	Top Bottom	Roto Sil	760 Piece(s)	630956 <input checked="" type="checkbox"/>	
	879	F16	–	–	Cam	2	V	Top Bottom	Roto Sil	760 Piece(s)	630955 <input checked="" type="checkbox"/>	
1764 – 2464	1179	F16	–	–	Cam	2	V	Top	Roto Sil	760 Piece(s)	630957 <input checked="" type="checkbox"/>	



INFO

The connector components with a length of 744 mm can be optionally coupled with shootbolt protrusion.

Top: shootbolt protrusion 110 with reverse-action travel → *from page 192*

Bottom: shootbolt protrusion 110 → *from page 192*





Product overview

See page 106

A700 – Tandeo

Automatic power wedge 109

Day-time unlocking 114

4 Roto Safe A – Mechanical-automatic multipoint lockings



Roto Safe A is the mechanical-automatic multipoint locking system in which the additional lockings and the deadbolt in the main lock extend automatically when the door is closed. The user can then also block the system using a key.

4.1 Product overview

Main lock	A700 – Tandeo
Additional lockings	2AH/3AH
Locking	
Lever handle-operated	–
Cylinder-operated	■
Mechanical-automatic	■
Electromechanical	–
Application range	
Backset	35 – 80
Min. SRH	1500
Max. SRH	3000
Distance	92, 94
Spindle-receiver	8, 10
Cylinder	
Profile cylinder	■
Round cylinder	□
Faceplate versions	
Flat faceplate 16 mm	■
Flat faceplate 20 mm	■
Flat faceplate 24 mm	■
U-shaped faceplate 4.5 x 20 mm	–
U-shaped faceplate 6 x 24 mm	■
N16 faceplate 16 mm	–
Round faceplate	□
Surface	
Roto Sil	■
Stainless steel	□
Security	



Main lock	A700 – Tandeo
Additional lockings	2AH/3AH
Burglary inhibition ^[5]	RC 2, RC 3 VdS (in the pipeline)
Push-back safeguard	■
Panic function	–
Escape function	□ A700 – Tandeo F → <i>from page 151</i>
ID latch	□
Additional locking device	□
Comfort	
Automatic locking	■
Whisper latch	■
Day-time unlocking	□
Processing	
Latch can be turned from the front	■
Without deadbolt	–
Extendable at the top	□
Extendable at the bottom	–
Multipart design	–

■ = standard, □ = optional



[5] Depending on the number of additional lockings / system

4.2 A700 – Tandeo



Product description

Roto Safe A | A700 – Tandeo is the mechanical-automatic multipoint locking system in which the locking components extend automatically as soon as the door engages in the lock. Even without using the key, the lock is considered to be locked from an insurance point of view thanks to the VdS-certified security (in the pipeline).

The Tandeo range of locks is an affordable alternative to electromechanical multipoint lockings: the user enjoys the benefits of automatic closing without any electronics installed.

The retrofittable day-time unlocking makes it possible to specifically switch the automatic closing mechanism on or off.

The locks are suitable for main doors, apartment doors and back doors in all frame materials.

Advantages at a glance

- VdS-certified burglary inhibition (in the pipeline)
- Automatic closing without using the key
- Retrofittable day-time unlocking for simple access without a key
- Automatic power wedge and deadbolt are push-back safeguarded without using the key

Product characteristics



Security

- three automatically extending security locking points for increased burglary inhibition
- deadbolt in the main lock extends automatically
- VdS-certified burglary inhibition (in the pipeline)
- automatic power wedge and deadbolt are push-back safeguarded without using the key



Comfort

- automatic closing without using the key
- latches ensure consistent gasket compression and prevent door warping
- sound-absorbing silent latch for closing the door gently
- retrofittable day-time unlocking for simple access without a key



Efficiency

- standardised locking patterns for reduced logistics and installation effort
- profile-related frame components for efficient installation
- latch can be turned around when installed for simple conversion on the construction site



Design

- door designs up to 3000 mm for freedom of design
- durable and scratch-resistant surfaces for a high-quality appearance in the long term
- backsets from 35 to 80 mm for a high level of flexibility



Quality

- certified continuous operation characteristics for permanent functional safety
- corrosion-resistant surfaces for a safe investment



4.2.1 Automatic power wedge

4.2.1.1 2 automatic power wedges (2AH)



Height	Locking pin	Locking pin	Circle	Key	Key *	Key	Key	Key	Key	Key	Key	No.
1500 – 1900	35	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020928	<input type="checkbox"/>
	40	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020929	<input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020930	<input type="checkbox"/>
	50	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020931	<input type="checkbox"/>
	55	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020932	<input type="checkbox"/>
1800 – 2200	35	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020933	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020882	<input type="checkbox"/>
	40	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020935	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020883	<input type="checkbox"/>
	45	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020936	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020884	<input type="checkbox"/>
	50	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020937	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020885	<input type="checkbox"/>
	55	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020938	<input type="checkbox"/>
94		8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020886	<input type="checkbox"/>	
1900 – 2200	35	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020939	<input checked="" type="checkbox"/>
		94	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020940	<input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020941	<input checked="" type="checkbox"/>
		94	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020942	<input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020943	<input checked="" type="checkbox"/>
		94	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020944	<input checked="" type="checkbox"/>
2200 – 2400	35	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020946	<input checked="" type="checkbox"/>
		94	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020947	<input checked="" type="checkbox"/>
	45	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020948	<input checked="" type="checkbox"/>
		94	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020949	<input checked="" type="checkbox"/>
	55	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020950	<input checked="" type="checkbox"/>
		94	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020951	<input checked="" type="checkbox"/>














Height	Locking pin	Locking pin	Circle	Key	Key *	Key	Key	Key	Key	Key	No.	
1500 – 1900	40	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020952	<input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020953	<input type="checkbox"/>
	50	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020954	<input type="checkbox"/>
	55	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020955	<input type="checkbox"/>
	65	92	10	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020957	<input type="checkbox"/>

Roto Safe A – Mechanical-automatic multipoint lockings












A700 – Tandeo

Automatic power wedge

											Nº
1800 – 2200	40	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020958 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020888 <input type="checkbox"/>
	45	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020959 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020889 <input type="checkbox"/>
	50	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020960 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020891 <input type="checkbox"/>
	55	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020961 <input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020892 <input type="checkbox"/>
65	92	10	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020962 <input type="checkbox"/>	
	94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020893 <input type="checkbox"/>	
1900 – 2200	40	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020963 <input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020964 <input checked="" type="checkbox"/>
	50	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020965 <input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020966 <input checked="" type="checkbox"/>
	65	92	10	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020815 <input checked="" type="checkbox"/>
	80	92	10	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2025595 <input checked="" type="checkbox"/>
2200 – 2400	40	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020816 <input checked="" type="checkbox"/>
	45	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020817 <input checked="" type="checkbox"/>
	50	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020818 <input checked="" type="checkbox"/>
	55	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020819 <input checked="" type="checkbox"/>
	65	92	10	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020820 <input checked="" type="checkbox"/>
80	92	10	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2025596 <input checked="" type="checkbox"/>	














24

											Nº
1500 – 1900	35	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020821 <input type="checkbox"/>
	40	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020822 <input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020823 <input type="checkbox"/>
1900 – 2200	35	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020826 <input checked="" type="checkbox"/>
	40	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020827 <input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020828 <input checked="" type="checkbox"/>
	50	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020829 <input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020830 <input checked="" type="checkbox"/>
65	92	10	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020831 <input checked="" type="checkbox"/>	



6x24

											Nº
1500 – 1900	35	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020832 <input type="checkbox"/>
	40	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020833 <input type="checkbox"/>
	45	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020834 <input type="checkbox"/>
	50	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020835 <input type="checkbox"/>
	55	92	8	1020	–	400	V02/05	A700	Roto Sil	5 Piece(s)	2020837 <input type="checkbox"/>



												Nº
1800 – 2200	35	94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020894	<input type="checkbox"/>
	40	94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020895	<input type="checkbox"/>
	45	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020838	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020896	<input type="checkbox"/>
	50	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020839	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020897	<input type="checkbox"/>
	55	92	8	1020	–	400	V02/01	A700	Roto Sil	5 Piece(s)	2020840	<input type="checkbox"/>
		94	8	1020	RZ	400	V02/01	A700	Roto Sil	5 Piece(s)	2020898	<input type="checkbox"/>
1900 – 2200	35	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020841	<input checked="" type="checkbox"/>
	40	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020842	<input checked="" type="checkbox"/>
	45	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020843	<input checked="" type="checkbox"/>
	50	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020844	<input checked="" type="checkbox"/>
	55	92	8	1020	–	300	V02/03	A700	Roto Sil	5 Piece(s)	2020845	<input checked="" type="checkbox"/>
2200 – 2400	35	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020846	<input checked="" type="checkbox"/>
	40	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020848	<input checked="" type="checkbox"/>
	45	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020849	<input checked="" type="checkbox"/>
	50	92	8	1020	–	200	V02/07	A700	Roto Sil	5 Piece(s)	2020850	<input checked="" type="checkbox"/>

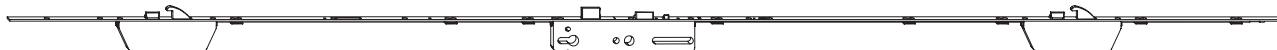


INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



4.2.1.2 3 automatic power wedges (3AH) – couplable



													Nº
2230 – 3000	35	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020778	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020899	<input type="checkbox"/>	
	40	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020879	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020900	<input type="checkbox"/>	
	45	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020890	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020902	<input type="checkbox"/>	
	50	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020901	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020903	<input type="checkbox"/>	
	55	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020912	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020904	<input type="checkbox"/>	
	65	92	10	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2025600	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020905	<input type="checkbox"/>	



													Nº
2230 – 3000	40	94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020906	<input type="checkbox"/>	
		92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020923	<input type="checkbox"/>	
	45	94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020907	<input type="checkbox"/>	
		92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020934	<input type="checkbox"/>	
	50	94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020908	<input type="checkbox"/>	
		92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020945	<input type="checkbox"/>	
	55	94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020909	<input type="checkbox"/>	
		92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020956	<input type="checkbox"/>	
65	94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020910	<input type="checkbox"/>		



													Nº
2230 – 3000	35	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020814	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020911	<input type="checkbox"/>	
	40	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020825	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020913	<input type="checkbox"/>	
	45	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020836	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020914	<input type="checkbox"/>	
	50	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020847	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020915	<input type="checkbox"/>	
	55	92	8	1020	KO	–	–	A700	Roto Sil	5 Piece(s)	2020858	<input type="checkbox"/>	
		94	8	1020	KO RZ	–	–	A700	Roto Sil	5 Piece(s)	2020916	<input type="checkbox"/>	

i INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

Connector components



											Nº
2230 – 2700	600	F16	300	–	Automatic power wedge	Roto Sil	5 Piece(s)	2020868	<input type="checkbox"/>		
		F20	300	–	Combination locking	Roto Sil	5 Piece(s)	2020871	<input type="checkbox"/>		
		U6x24	300	–	Combination locking	Roto Sil	5 Piece(s)	2020873	<input type="checkbox"/>		
2700 – 3000	900	F16	300	–	Combination locking	Roto Sil	5 Piece(s)	2020870	<input type="checkbox"/>		
		F20	300	–	Combination locking	Roto Sil	5 Piece(s)	2020872	<input type="checkbox"/>		
		U6x24	300	–	Combination locking	Roto Sil	5 Piece(s)	2020874	<input type="checkbox"/>		

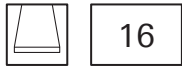
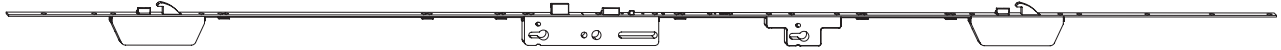
i INFO

Connector components 600

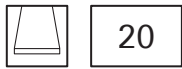
SRH 2230 – 2530 mm: the coupling point on the multipoint locking must be cropped by 170 mm.

SRH 2400 – 2700 mm: do not crop the coupling point on the multipoint locking.

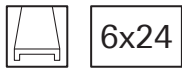
4.2.1.3 2 automatic power wedges with additional locking device (2AHZS)



Height	Locking pattern 1	Locking pattern 2	Circle	Keyhole	Star	Wedge	Door	Message	Stack	Box	No.
1900 – 2200	35	92	8	1020	–	300	V02/17	A700	Roto Sil	5 Piece(s)	2025601 <input type="checkbox"/>
	45	92	8	1020	–	300	V02/17	A700	Roto Sil	5 Piece(s)	2025602 <input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	A700	Roto Sil	5 Piece(s)	2025603 <input type="checkbox"/>



Height	Locking pattern 1	Locking pattern 2	Circle	Keyhole	Star	Wedge	Door	Message	Stack	Box	No.
1900 – 2200	45	92	8	1020	–	300	V02/17	A700	Roto Sil	5 Piece(s)	2025604 <input type="checkbox"/>
	55	92	8	1020	–	300	V02/17	A700	Roto Sil	5 Piece(s)	2025605 <input type="checkbox"/>
	65	92	10	1020	–	300	V02/17	A700	Roto Sil	5 Piece(s)	2025606 <input type="checkbox"/>



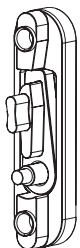
Height	Locking pattern 1	Locking pattern 2	Circle	Keyhole	Star	Wedge	Door	Message	Stack	Box	No.
1900 – 2200	45	92	8	1020	–	300	V02/17	A700	Roto Sil	5 Piece(s)	2025607 <input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*

4.2.2 Day-time unlocking



		No.
Day-time unlocking A700 – Tandeo	5 Piece(s)	2026621 <input type="checkbox"/>







Product overview

See page 120

E610 - Eneo CC

Combination lockings 123

E700 – Eneo A

Automatic power wedge 126

Accessories

Access systems 128

Cable junctions 132

Magnetic contact 138

Day / night changeover switch 138

Power supply unit 139

Control Unit 139

5 Roto Safe E – Electromechanical multipoint lockings



Roto Safe E is the electromechanical multipoint locking system where a motorised drive assists the actuation of the main lock and additional lockings.

5.1 Product overview

Main lock	E610 – Eneo CC	E700 – Eneo A
Additional lockings	2C	2AH
Locking		
Lever handle-operated	–	–
Cylinder-operated	–	–
Mechanical-automatic	–	■
Electromechanical	■	■
Application range		
Backset	35 – 80	35 – 80
Min. SRH	1500	1500
Max. SRH	2400	2400
Distance	92	92, 94
Spindle-receiver	8, 10	8, 10
Cylinder		
Profile cylinder	■	■
Round cylinder	–	■
Faceplate versions		
Flat faceplate 16 mm	■	■
Flat faceplate 20 mm	■	■
Flat faceplate 24 mm	■	■
U-shaped faceplate 4.5 x 20 mm	–	–
U-shaped faceplate 6 x 24 mm	■	■
N16 faceplate 16 mm	–	–
Round faceplate	□	□
Surface		
Roto Sil	■	■
Stainless steel	□	□
Security		
Burglary inhibition	RC 2	RC 2 VdS (in the pipeline)



Main lock	E610 – Eneo CC	E700 – Eneo A
Additional lockings	2C	2AH
Push-back safeguard	■	■
Panic function	–	–
Escape function	□ E611 – Eneo CF → <i>from page 155</i>	□ E700 – Eneo AF → <i>from page 153</i>
ID latch	–	–
Additional locking device	–	–
Comfort		
Automatic locking	■	■
Whisper latch	–	■
Day-time unlocking	■ [6]	–
Processing		
Radio receiver	■	□
Power supply unit	□	□
Latch can be turned from the front	–	■
Without deadbolt	–	–
Extendable at the top	–	–
Extendable at the bottom	–	–
Multipart design	–	–

■ = standard, □ = optional



[6] Receiver module prepared as standard, additional switch and electrical opener required

5.2 E610 - Eneo CC



Product description

Roto Safe E | E610 – Eneo CC is the electro-mechanical multipoint locking system in which the main lock and additional lockings are opened and locked using a motor.

Thanks to the convenient opening, locked main doors can always be opened from inside using the door lever handle. This means that the house is always secure even when no one is at home, while the automatic locking offers protection against burglary and theft.

A radio receiver is integrated in the drive unit as standard.

The retrofittable day / night changeover switch makes it possible to specifically switch the automatic closing mechanism on or off.

The locks are suitable for main entrance doors in all frame materials.

Advantages at a glance

- Quiet and powerful motor for effortless opening and locking
- Extremely short unlocking time
- Convenient opening from inside for a reliable exit in an emergency
- Plug & play connection for simple and error-free installation
- No free cam cylinder required



[7]

Product characteristics



Security

- Convenient opening from inside for a reliable exit in an emergency
- Emergency opening using the key is possible at any time
- Additional lockings are push-back safeguarded without using the key



Comfort

- Quiet and powerful motor for effortless opening and locking
- Extremely short unlocking time
- LED switch for convenient changeover between day / night operation mode
- Plug & play connection for simple and error-free installation



Efficiency

- No free cam cylinder required
- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Eneo Control Unit for simple functional testing



Design

- Door designs up to 2400 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 35 to 80 mm for a high level of flexibility



Quality

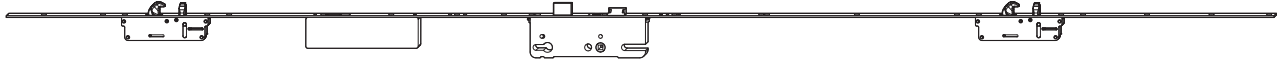
- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

[7] Applies to all multipoint lockings with a power wedge (CH) or combination locking (C) as additional lockings.



5.2.1 Combination lockings

5.2.1.1 2 combination lockings (2C)



1900 – 2200	35	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636918	<input checked="" type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	774103	<input checked="" type="checkbox"/>
	45	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636919	<input checked="" type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636938	<input type="checkbox"/>
	50	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636920	<input checked="" type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636939	<input type="checkbox"/>
	55	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636921	<input checked="" type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636940	<input type="checkbox"/>
	65	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636922	<input type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636941	<input checked="" type="checkbox"/>
2200 – 2400	35	92	8	1020	ON	200	V02+E/07	E610	Roto Sil	1 Piece(s)	785702	<input type="checkbox"/>
	45	92	8	1020	ON	200	V02+E/07	E610	Roto Sil	1 Piece(s)	786492	<input type="checkbox"/>
	55	92	8	1020	ON	200	V02+E/07	E610	Roto Sil	1 Piece(s)	811560	<input type="checkbox"/>
	65	92	8	1020	ON	200	V02+E/07	E610	Roto Sil	1 Piece(s)	808590	<input type="checkbox"/>



1900 – 2200	35	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636923	<input checked="" type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636924	<input checked="" type="checkbox"/>
	45	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636942	<input type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636925	<input checked="" type="checkbox"/>
	50	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636943	<input type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636926	<input checked="" type="checkbox"/>
	55	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636944	<input type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636927	<input type="checkbox"/>
	65	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	735165	<input checked="" type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	735171	<input type="checkbox"/>
2200 – 2400	55	92	8	1020	ON	300	V02+E/07	E610	Roto Sil	1 Piece(s)	769382	<input type="checkbox"/>
	65	92	8	1020	ON	300	V02+E/07	E610	Roto Sil	1 Piece(s)	820075	<input type="checkbox"/>
		92	10	1020	ON	300	V02+E/07	E610	Roto Sil	1 Piece(s)	735166	<input type="checkbox"/>
80	92	10	1020	ON	300	V02+E/07	E610	Roto Sil	1 Piece(s)	735172	<input type="checkbox"/>	

Roto Safe E – Electromechanical multipoint lockings
E610 - Eneo CC
 Combination lockings



												Nº
1900 – 2200	35	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636928	<input checked="" type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636929	<input checked="" type="checkbox"/>
	45	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636946	<input type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636930	<input checked="" type="checkbox"/>
	50	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636947	<input type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636931	<input checked="" type="checkbox"/>
	55	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636948	<input type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636932	<input type="checkbox"/>
65	92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636949	<input checked="" type="checkbox"/>	



												Nº
1900 – 2200	35	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636933	<input checked="" type="checkbox"/>
		92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	764431	<input checked="" type="checkbox"/>
	45	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636934	<input checked="" type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636950	<input type="checkbox"/>
	50	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	764437	<input checked="" type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	891089	<input type="checkbox"/>
	55	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636936	<input checked="" type="checkbox"/>
		92	10	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636952	<input type="checkbox"/>
65	92	8	1020	ON	300	V02+E/03	E610	Roto Sil	1 Piece(s)	636937	<input checked="" type="checkbox"/>	



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



INFO

Additionally required components

Access system, power supply unit, cable, cable junction and magnetic component (magnetic contact or magnetic striker) → *from page 128*



5.3 E700 – Eneo A



Product description

Roto Safe E | E700 – Eneo A is the electromechanical multipoint locking system where the advantages of mechanical-automatic locking are combined with the convenience of motor-powered unlocking using access control systems.

A radio receiver can be integrated in the motor as an option.

With a Roto Safe E | E700 – Eneo A lock, the door is locked mechanically-automatically, in other words the additional lockings extend automatically as soon as the door engages in the lock.

Even without using the key, the lock is considered to be locked from an insurance point of view thanks to the VdS-certified security (in the pipeline).

The locks are suitable for main entrance doors in all frame materials.

Advantages at a glance

- Quiet and powerful motor for effortlessly opening the door
- Extremely short unlocking time
- Plug&Play connection for simple and error-free installation
- VdS-certified burglary inhibition (in the pipeline)



Product characteristics



Security

- deadbolt in the main lock extends automatically
- VdS-certified burglary inhibition (in the pipeline)
- automatic power wedge and deadbolt are push-back safeguarded without using the key



Comfort

- automatic closing without using the key
- quiet and powerful motor for effortless opening
- latches ensure consistent gasket compression and prevent door warping
- Plug&Play connection for simple and error-free installation



Efficiency

- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Latch can be turned around when installed for simple conversion on the construction site
- Eneo Control Unit for easily checking functionality



Design

- door designs up to 2400 mm for freedom of design
- durable and scratch-resistant surfaces for a high-quality appearance in the long term
- backsets from 35 to 80 mm for a high level of flexibility

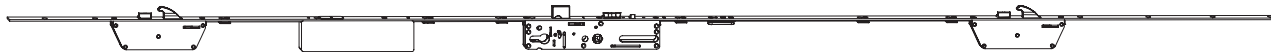


Quality

- certified continuous operation characteristics for permanent functional safety
- corrosion-resistant surfaces for a safe investment

5.3.1 Automatic power wedge

5.3.1.1 2 automatic power wedges (2AH)



Height	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt *	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Nº
1500 – 1900	40	92	8	1020	ON	400	V02+E/05	E700	Roto Sil	1 Piece(s)	2027332	<input type="checkbox"/>
	45	92	8	1020	ON	400	V02+E/05	E700	Roto Sil	1 Piece(s)	2027333	<input type="checkbox"/>
	55	92	8	1020	ON	400	V02+E/05	E700	Roto Sil	1 Piece(s)	2027334	<input type="checkbox"/>
1900 – 2200	35	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020853	<input checked="" type="checkbox"/>
	40	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025609	<input checked="" type="checkbox"/>
	45	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020854	<input checked="" type="checkbox"/>
	50	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2027325	<input checked="" type="checkbox"/>
	55	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020855	<input checked="" type="checkbox"/>
2200 – 2400	65	92	10	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025610	<input checked="" type="checkbox"/>
	40	92	8	1020	ON	200	V02+E/07	E700	Roto Sil	1 Piece(s)	2027335	<input checked="" type="checkbox"/>
	45	92	8	1020	ON	200	V02+E/07	E700	Roto Sil	1 Piece(s)	2020856	<input checked="" type="checkbox"/>
	55	92	8	1020	ON	200	V02+E/07	E700	Roto Sil	1 Piece(s)	2027336	<input checked="" type="checkbox"/>



Height	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt *	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Nº
1900 – 2200	40	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025611	<input checked="" type="checkbox"/>
	45	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020857	<input checked="" type="checkbox"/>
	50	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2027326	<input checked="" type="checkbox"/>
	55	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020859	<input checked="" type="checkbox"/>
	65	92	10	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020860	<input checked="" type="checkbox"/>
	80	92	10	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2027327	<input checked="" type="checkbox"/>
2200 – 2400	40	92	8	1020	ON	200	V02+E/07	E700	Roto Sil	1 Piece(s)	2027337	<input checked="" type="checkbox"/>
	45	92	8	1020	ON	200	V02+E/07	E700	Roto Sil	1 Piece(s)	2027338	<input checked="" type="checkbox"/>
	55	92	8	1020	ON	200	V02+E/07	E700	Roto Sil	1 Piece(s)	2027339	<input checked="" type="checkbox"/>
	65	92	10	1020	ON	200	V02+E/07	E700	Roto Sil	1 Piece(s)	2027340	<input checked="" type="checkbox"/>



Height	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt *	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Locking Bolt	Nº
1900 – 2200	45	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2027328	<input checked="" type="checkbox"/>
	65	92	10	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2027329	<input checked="" type="checkbox"/>



6x24

1900 – 2200	35	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020862
	45	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2020863
	50	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2027330
	55	92	8	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2027331



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



INFO

Additionally required components

Access system, power supply unit, cable and cable junction → *from page 128*



5.4 Accessories

5.4.1 Access systems

There is a choice of three easy-to-use access systems for actuating electromechanical multipoint locking systems.

4in1 access control system | Fixed cabling

- When used with Roto Safe E multipoint lockings, the 4in1 access control system offers four different access options for conveniently opening the door.
- The door can be opened by entering a PIN code or using a fingerprint, Bluetooth-capable smartphone or RFID-capable medium.
- The intuitive app makes it possible to easily create users and assign individual access rights, either permanently or temporarily.

Finger scan | Fixed cabling

- The finger scan makes it possible to open Roto Safe E multipoint lockings using a fingerprint.
- The LED lighting ensures simple operation, even when it is dark. In conjunction with the stainless-steel front plate, the lighting gives the door element a premium appearance.
- The finger scan meets the highest security standards and also responds to children's fingers.

Hand-held transmitter | Radio-controlled solution

- With its range of up to 10 metres, the hand-held transmitter offers the convenience of opening the multipoint locking remotely without the need for a key.
- Radio receivers are installed as standard in the drive unit on Eneo CC multipoint lockings and are optionally available for Eneo A multipoint lockings.
- The 64-bit encoding with a rolling code system provides protection against tampering.





5.4.1.1 Fixed cabling

4in1 access control system



Product description

When used with Roto Safe E multipoint lockings, the 4in1 access control system offers four different access options for conveniently opening the door.

The door can be opened by entering a PIN code or using a fingerprint, Bluetooth-capable smartphone or RFID-capable medium.

The intuitive SOREX SmartLock app makes it possible to easily create users and assign individual access rights, either permanently or temporarily.

Product characteristics

- IP66 for optimum protection against moisture from outside
- Acrylic glass panel for a premium appearance
- Simple processing thanks to Plug&Play
- Adhesive fastening
- Cable length 1500 mm

4in1 access control system	99.8	55	19.8	Glass	Black	1 Piece(s)	896745



Finger scan



Product description

The finger scan makes it possible to open Roto Safe E multipoint lockings using a fingerprint.

The LED lighting ensures simple operation, even when it is dark. In conjunction with the stainless-steel front plate, the lighting gives the door element a premium appearance.

The finger scan meets the highest security standards and also responds to children's fingers.

The intuitive BioKey® app makes it possible to easily create users and assign individual access rights, either permanently or temporarily.

Product characteristics

- IP65 for greater protection against moisture
- Line sensor for swiping fingers prevents latent fingerprints
- Stainless-steel front plate for a premium appearance
- Excellent storage capacity can hold up to 150 fingerprints
- Simple processing thanks to Plug&Play
- Cable length 1700 mm
- Two mounting options: mounted using adhesives or mounted on the front

Finger scan	75.4	44.6	29	Stainless steel	1 Piece(s)	838622



5.4.1.2 Radio-controlled solution



Product description

With its range of up to 10 metres, the hand-held transmitter offers the convenience of opening the multipoint locking remotely without the need for a key.


Radio receivers are installed as standard in the drive unit on Eneo CC multipoint lockings and are optionally available for Eneo A multipoint lockings.

The 64-bit encoding with a rolling code system provides protection against tampering.

Product characteristics

- Radio range of up to 10 metres
- 64-bit encoding with a rolling code system provides protection against tampering
- The protective cap prevents unintentional operation
- Simple programming
- Frequency: 433.92 MHz
- Radio licence for the following countries: A, B, CH, D, DK, E, F, FIN, GB, GR, I, IRL, IS, L, LT, N, NL, P, S, CZ



		Nº
Eneo hand-held transmitter	1 Piece(s)	769388 

5.4.2 Cable junctions




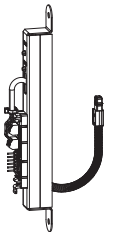

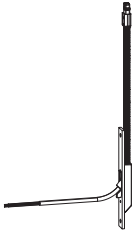

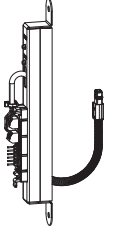
Cable junctions are required for supplying power to electromechanical multipoint lockings. They form a protected cable guide from the door leaf to the frame.

The modular system comprises two cable junctions on the frame and two on the leaf, which, when combined, offer ideal solutions adapted to the different rebate clearance situations.

On the frame side, it is possible to choose between cable junctions with or without a power supply unit. On the leaf side, there is the choice between a cable junction with or without a casing.

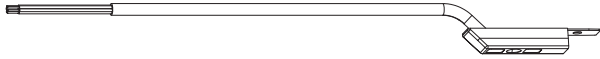
The cable junctions can be used with all frame materials. Accessories such as cover plates and retaining brackets complete the product range.

The frame and leaf components for the cable junctions can be combined as follows:

Possible combinations	
Frame components	Leaf components
Variant 1 – rebate clearance 12 / 16 mm	
 <p>See → <i>from page 133</i></p>	 <p>See → <i>from page 134</i></p>
Variant 2 – rebate clearance 4 / 12 mm	
 <p>See → <i>from page 133</i></p>	 <p>See → <i>from page 134</i></p>
Variant 3 – rebate clearance 12 / 16 mm	
 <p>See → <i>from page 133</i></p>	 <p>See → <i>from page 134</i></p>
Variant 4 – rebate clearance 4 / 12 mm	
 <p>See → <i>from page 133</i></p>	 <p>See → <i>from page 134</i></p>



5.4.2.1 Frame components



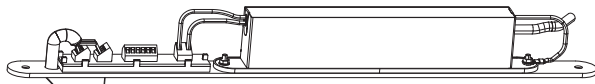
Product description

- 6-pin, detachable plug connection
- Connector side with 4 m cable
- Can be used with timber, PVC and aluminium profiles
- Moulded-on cable
- Bracket available
- Without power supply unit
- The join between the frame and leaf has IP67 protection

Scope of delivery

- 1 cable junction

Frame component cable junction, without power supply unit	10.6	58	8.5	-	1 Piece(s)	820187



Product description

- 6-pin, detachable plug connection
- Can be used with timber, PVC and aluminium profiles
- Moulded-on cable
- Built-in power supply unit
- Connector side with 3 m cable for connection to 230 V
- Plug & play
- Clamp strip for external access control systems
- Can be connected directly to 230 V power supply
- Earthed cover
- No ventilation slot required for timber
- The join between the frame and leaf has IP67 protection

Scope of delivery

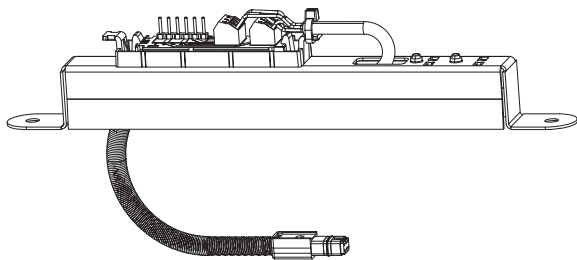
- 1 cable junction

Frame component cable junction, with power supply unit	24	400	41.6	-	1 Piece(s)	817028

Power supply unit

Technical data	
Cable	LIF9Y11Y, 6-pin version, Ø 4.9 mm, grey
Max. current	3 A
Max. voltage	48 V
Cores	0.34 mm ² – white, brown, green, yellow, grey, pink
IP rating	IP67 (when inserted and only the plug connection between leaf and frame)
Temperature range	When idle: -25 °C to +70 °C When moving: -5 °C to +50 °C

5.4.2.2 Sash components



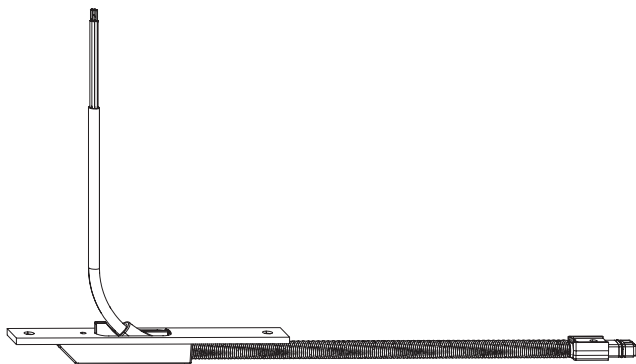
Product description

- 6-pin, detachable plug connection
- Can be used with timber, PVC and aluminium profiles
- Moulded-on cable
- Can be used with a limited rebate clearance
- Mounting box with plate
- 180° angle of rotation
- The join between the sash and frame has IP67 protection
- Bush side with loop fitted to mounting box (installation in U-shape)

Scope of delivery

- 1 cable junction
- 1 set of screws

						Nº
Sash component cable junction, installation in U shape	20	230	45	180	1 Piece(s)	820194



Product description

- 6-pin, detachable plug connection
- Can be used with timber, PVC and aluminium profiles
- Moulded-on cable
- 180° angle of rotation
- The join between the sash and frame has IP67 protection
- Bush side with loop for lengthways installation

Scope of delivery

- 1 cable junction
- 1 set of screws
- 1 cover plate






						Nº
Sash component cable junction, lengthways installation	10.6	58	8.5	180	1 Piece(s)	820255

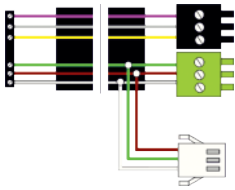








5.4.2.3 Cable

The Plug&Play system for the plug connections helps ensure rapid and error-free installation.







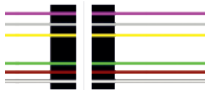
				Nº
Cable – type E	Pre-assembled cable with plugs for connecting the cable junction and the Eneo multipoint locking.	300 cm	1 Piece(s)	633291 








				Nº
Cable – type EZ	Pre-assembled cable with plugs for connecting the cable junction, the Eneo multipoint locking and the access control system.	300 / 30 cm 500 / 30 cm	1 Piece(s) 1 Piece(s)	633292  739942 

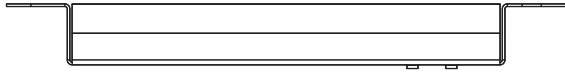











			Nº
Connector	Replacement plug (three-pin) for cable – type E and cable – type EZ, two parts (green and black)	1 Set(s)	494801 



				Nº
Cable for cable junction	Pre-assembled 6-pin cable for connecting the cable junction to the power supply unit (material number: 817028) and external components	300 cm	1 Piece(s)	895769 

5.4.2.4 Mounting box



							
Mounting casing	20	185	25	Mounting box for frame component cable junction, without power supply unit; used for a small rebate clearance	Stainless steel	1 Piece(s)	619585 

Scope of delivery

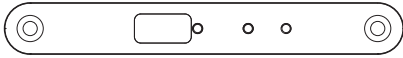
Quantity	Description
1	Mounting box
2	Screws M3 x 12 mm
2	Screws M4 x 6 mm
2	Screws 3.5 x 25 mm





5.4.2.5 Cover plates

The appearance is enhanced because the drill hole is concealed.



Cover plate	Timber	16	126	3	For fixing the cable junction on the frame	Stainless steel	1 Piece(s)	619588

Scope of delivery

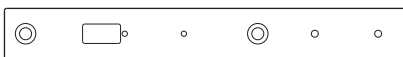
Quantity	Description
1	Cover plate
2	Screws M3 x 12 mm
2	Screws 3.5 x 25 mm



Cover plate	PVC Aluminium	16	126	3	For fixing the cable junction on the frame	Stainless steel	1 Piece(s)	619589

Scope of delivery

Quantity	Description
1	Cover plate
2	Screws M3 x 12 mm
2	Screws M4 x 6 mm
2	Screws 3.5 x 25 mm



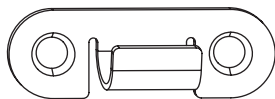
Cover plate	PVC Aluminium	24	190	3	F24	For fixing the cable junction on the frame with mount for retaining bracket	Stainless steel	1 Piece(s)	809632
					U6x24		Stainless steel	1 Piece(s)	817121



Cover plate	Timber PVC Aluminium	20	126	3	F20	For fixing the cable junction on the sash side	Stainless steel	1 Piece(s)	860839

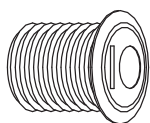
5.4.2.6 Retaining bracket

The retaining bracket prevents the cable junction from getting caught.



			Nº
	Retaining bracket for cable junction	1 Piece(s)	775949

5.4.3 Magnetic contact



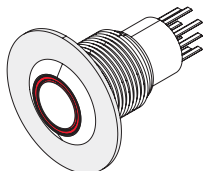
			Nº
Magnetic contact	Clip-on universal magnet, consisting of magnet and sleeve	1 Piece(s)	738182



INFO

The retrofitable magnetic contact is used to trigger the electromechanical locking. Can be used in lever-operated espagnolettes and striker strips. Can also be drilled in when timber is used as the frame material (4 mm and 12 mm rebate clearance).

5.4.4 Day / night changeover switch



					Nº
Day / night changeover switch	Timber PVC Aluminium	Switch with LED status indicator, for Eneo CC	Stainless steel	1 Piece(s)	739554



INFO

To display the day operation mode / night operation mode.







- **Day operation mode:** continuous access (no automatic locking)
- **Night operation mode:** access only possible after the multipoint locking has been unlocked electro-mechanically. The multipoint locking locks automatically once the door is closed.



5.4.5 Power supply unit

The power supply unit provides the electronic components with a reliable supply of the energy they need. Thanks to the compact dimensions, the power supply unit fits into narrow profile systems and enables efficient processing.



				
Eneo power supply unit	24 V	Top-hat rail	1 Piece(s)	796383 









INFO

If a power supply unit has not been purchased from Roto Fenster- und Türtechnologie GmbH, it must comply with the relevant specifications and standards. See document → [SUG_3](#).

5.4.6 Control Unit

The Eneo Control Unit is used to check for proper operation. This way, the door manufacturer can pass a tested door on to the next tradesperson involved.



			
Eneo Control Unit	Test instrument with 1 m connecting cable	1 Piece(s)	495064 
Adapter	Five-pin adapter with crocodile clips	1 Piece(s)	495189 





Product overview

See page	144
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P600

Bolts	147
-------	-----

Power wedges	148
--------------	-----

Combination lockings	149
----------------------	-----

A700 – Tandeo F

Automatic power wedge	152
-----------------------	-----

E700 – Eneo AF

Automatic power wedge	154
-----------------------	-----

E611 - Eneo CF

Combination lockings	156
----------------------	-----

P650

Bolts	158
-------	-----

Power wedges	159
--------------	-----

Combination lockings	160
----------------------	-----

Handles

Emergency exit lockings – DIN EN 179	162
--------------------------------------	-----

Panic lockings – DIN EN 1125	163
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6 Roto Safe P – Panic and emergency exit lockings



Roto Safe P includes multipoint locking systems for emergency exit and panic doors.

Multipoint lockings certified in accordance with DIN EN 179 are required for emergency exit doors in non-public buildings.

Their operating safety makes them ideal for apartment buildings, the main doors of which have to be opened from inside without a key.

In buildings occupied by users or visitors who are familiar with the infrastructure, such as offices, schools and factory halls, it is unlikely that panic will occur in a hazard situation. It can be assumed here that the users / visitors are familiar with the escape routes and doors and how the door locks work.

Multipoint lockings certified in accordance with DIN EN 1125 are required for panic doors in escape routes in buildings which are used by the public and whose visitors are not familiar with the infrastructure of the building or how the escape door works.

Panic situations can occur when users are unfamiliar with the layout of a room, such as in airports, shopping centres and authorities. In these kinds of situations, it cannot be assumed that people will act in a coordinated manner.

6.1 Product overview

Main lock	P600	A700 – Tandeo F	E700 – Eneo AF	E611 – Eneo CF	P650
Additional lockings	2CB / 2CH / 2C	2AH	2AH	2C	2CB / 2CH / 2C
Locking					
Lever handle-operated	–	–	–	–	–
Cylinder-operated	■	–	–	–	■
Mechanical-automatic	–	■	■	–	–
Electromechanical	–	–	■	■	–
Application range					
Backset	35 – 80	35 – 80	35 – 80	35 – 80	35 – 80
Min. SRH	1900	1900	1900	1900	1900
Max. SRH	2400	2400	2400	2400	2400
Distance	92	92	92	92	92
Spindle-receiver	9	9	9	9	9
Cylinder					
Profile cylinder	■	■	■	■	■
Round cylinder	–	–	–	–	–
Faceplate versions					



Main lock	P600	A700 – Tandeo F	E700 – Eneo AF	E611 – Eneo CF	P650
Additional lockings	2CB / 2CH / 2C	2AH	2AH	2C	2CB / 2CH / 2C
Flat faceplate 16 mm	■	■	■	■	■
Flat faceplate 20 mm	■	■	■	■	■
Flat faceplate 24 mm	■	□	□	□	■
U-shaped faceplate 4.5 x 20 mm	–	–	–	–	–
U-shaped faceplate 6 x 24 mm	■	■	■	■	■
N16 faceplate 16 mm	–	–	–	–	–
Round faceplate	□	□	□	□	□
Surface					
Roto Sil	■	■	■	■	■
Stainless steel	□	□	□	□	□
Security					
Burglary inhibition	RC 2	RC 2 VdS (in the pipeline)	RC 2 VdS (in the pipeline)	RC 2	RC 2
Push-back safeguard	■	■	■	■	■
Panic function	–	–	–	–	■
Escape function	■	■	■	■	–
ID latch	–	–	–	–	–
Additional locking device	–	–	–	–	–
Comfort					
Automatic locking	–	■	■	■	–
Whisper latch	–	■	■	–	–
Day-time unlocking	–	–	–	–	–
Processing					
Latch can be turned from the front	–	■	■	–	–
Without deadbolt	–	■	■	–	–
Extendable at the top	–	–	–	–	–
Extendable at the bottom	–	–	–	–	–
Multipart design	–	–	–	–	–

■ = standard, □ = optional



6.2 P600



Product description

Roto Safe P | P600 is the mechanical multi-point locking system certified in accordance with DIN EN 179 for emergency exit doors in non-public buildings.

Its operating safety makes it ideal for apartment buildings, the main doors of which have to be opened from inside without a key.

The multipoint lockings feature a split spindle function E: it is always possible to open the door from the side on which the hazard is present, while unauthorised opening from outside should be prevented. A fixed knob is fitted on the outside so that the escape door can only be unlocked and locked using a key.

Roto Safe P600 locks may only be used in conjunction with free cam cylinders and with jointly certified combined knob and lever handle sets.

Advantages at a glance

- Certified in accordance with DIN EN 179 for use on emergency exit doors
- The free-running function of the cylinder guarantees that doors can be opened safely from inside without a key
- Certified long-term functional performance characteristics for permanent functional safety



Product characteristics



Security

- Certified in accordance with DIN EN 179 for use on emergency opening doors
- The free-running function of the cylinder guarantees that doors can be opened safely from inside without a key
- Split spindle function E – opening against the direction of escape is only possible with a key
- Power wedge and combination locking for a high level of burglary inhibition



Efficiency

- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Latch conversion without tools for simple installation



Design

- Door designs up to 2400 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 35 to 80 mm for a high level of flexibility



Quality

- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

[8] Applies to all multipoint lockings with a power wedge (CH) or combination locking (C) as additional lockings.



6.2.1 Bolts

6.2.1.1 2 bolts (2CB)



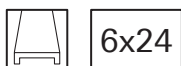
												Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P600		1 Piece(s)	633784	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P600		1 Piece(s)	611450	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P600		1 Piece(s)	737031	<input type="checkbox"/>



												Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P600		1 Piece(s)	611432	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P600		1 Piece(s)	611456	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P600		1 Piece(s)	737034	<input type="checkbox"/>



												Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P600		1 Piece(s)	611438	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P600		1 Piece(s)	611462	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P600		1 Piece(s)	737037	<input type="checkbox"/>



												Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P600		1 Piece(s)	611444	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P600		1 Piece(s)	611468	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P600		1 Piece(s)	737043	<input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



INFO

Follow the installation and maintenance instructions (enclosed with the product).

6.2.2 Power wedges

6.2.2.1 2 power wedges (2CH)



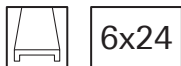
1900 – 2200	35	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	633815 <input type="checkbox"/>	
	40	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611454 <input type="checkbox"/>	
	45	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737032 <input type="checkbox"/>	



1900 – 2200	35	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611436 <input type="checkbox"/>	
	40	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611460 <input type="checkbox"/>	
	45	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737035 <input type="checkbox"/>	



1900 – 2200	35	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611442 <input type="checkbox"/>	
	40	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611466 <input type="checkbox"/>	
	45	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737038 <input type="checkbox"/>	



1900 – 2200	35	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611448 <input type="checkbox"/>	
	40	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611472 <input type="checkbox"/>	
	45	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737044 <input type="checkbox"/>	



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



INFO

Follow the installation and maintenance instructions (enclosed with the product).



6.2.3 Combination lockings

6.2.3.1 2 combination lockings (2C)



											Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	633816 <input checked="" type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611451 <input checked="" type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737030 <input checked="" type="checkbox"/>
	50	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737048 <input checked="" type="checkbox"/>
	55	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737056 <input checked="" type="checkbox"/>
	65	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737064 <input checked="" type="checkbox"/>
	70	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737072 <input type="checkbox"/>
	80	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737078 <input type="checkbox"/>



											Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611433 <input checked="" type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611457 <input checked="" type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737033 <input checked="" type="checkbox"/>
	50	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	771191 <input checked="" type="checkbox"/>
	55	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737057 <input checked="" type="checkbox"/>
	65	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737065 <input checked="" type="checkbox"/>
	70	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737073 <input type="checkbox"/>
	80	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737079 <input type="checkbox"/>



											Nº
1900 – 2200	35	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	611439 <input checked="" type="checkbox"/>
	40	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	611463 <input checked="" type="checkbox"/>
	45	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	737036 <input checked="" type="checkbox"/>
	50	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	737050 <input checked="" type="checkbox"/>
	55	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	737058 <input checked="" type="checkbox"/>
	65	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	737066 <input checked="" type="checkbox"/>
	70	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	737074 <input type="checkbox"/>
	80	92	9	1020	–	300	P600	V02/03	Roto Sil	1 Piece(s)	737080 <input type="checkbox"/>

Roto Safe P – Panic and emergency exit lockings

P600

Combination lockings



6x24

1900 – 2200	35	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611445	
	40	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	611469	
	45	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737042	
	50	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737052	
	55	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737060	
	65	92	9	1020	–	300	V02/03	P600	Roto Sil	1 Piece(s)	737068	



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



INFO

Follow the installation and maintenance instructions (enclosed with the product).





6.3 A700 – Tandeo F



Product description

Roto Safe A | A700 – Tandeo F is the mechanical-automatic multipoint locking system in which the locking components extend automatically as soon as the door engages in the lock. Even without using the key, the lock is considered to be locked from an insurance point of view thanks to the VdS-certified security (in the pipeline).

The Tandeo range of locks is an affordable alternative to electromechanical multipoint lockings: the user enjoys the benefits of automatic closing without any electronics installed.

The retrofittable day-time unlocking makes it possible to specifically switch the automatic closing mechanism on or off.

The locks are suitable for main doors, apartment doors and back doors in all frame materials.

Advantages at a glance

- Certified in accordance with DIN EN 179 for use on emergency exit doors
- VdS-certified burglary inhibition (in the pipeline)
- Automatic closing without using the key
- Retrofittable day-time unlocking for simple access without a key
- Automatic power wedge and deadbolt are push-back safeguarded without using the key



Product characteristics



Security

- Three automatically extending security locking points for increased burglary inhibition
- Deadbolt in the main lock extends automatically
- VdS-certified burglary inhibition (in the pipeline)
- Automatic power wedge and deadbolt are push-back safeguarded without using the key



Comfort

- Automatic closing without using the key
- Latches ensure consistent gasket compression and prevent door warping
- Sound-absorbing whisper latch for closing the door gently
- Retrofittable day-time unlocking for simple access without a key



Efficiency

- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Latch can be turned around when installed for simple conversion on the construction site



Design

- Door designs up to 2200 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 35 to 65 mm for a high level of flexibility



Quality

- Certified continuous operation characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

6.3.1 Automatic power wedge

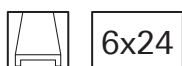
6.3.1.1 2 automatic power wedges (2AH)



Height	Left Profile	Right Profile	Circle	Locking	Star	Wedge	Door	Message	Stack	Box	No.
1900 – 2200	35	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020917
	40	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020918
	45	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020919
	55	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020927
	65	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2025608



Height	Left Profile	Right Profile	Circle	Locking	Star	Wedge	Door	Message	Stack	Box	No.
1900 – 2200	45	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020920
	50	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020921
	55	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020922
	65	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020924



Height	Left Profile	Right Profile	Circle	Locking	Star	Wedge	Door	Message	Stack	Box	No.
1900 – 2200	35	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020925
	45	92	9	1020	–	300	V02/03	A700	Roto Sil	1 Piece(s)	2020926



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



INFO

Follow the installation and maintenance instructions (enclosed with the product).



6.4 E700 – Eneo AF



Product description

Roto Safe E | E700 – Eneo AF is the electro-mechanical multipoint locking system where the advantages of mechanical-automatic locking are combined with the convenience of motor-powered unlocking using access control systems.

A radio receiver can be integrated in the motor as an option.

With a Roto Safe E | E700 – Eneo AF lock, the door is locked mechanically-automatically, in other words the additional lockings extend automatically as soon as the door engages in the lock.

Even without using the key, the lock is considered to be locked from an insurance point of view thanks to the VdS-certified security (in the pipeline).

The locks are suitable for main entrance doors in all frame materials.

Advantages at a glance

- Certified in accordance with DIN EN 179 for use on emergency exit doors
- Quiet and powerful motor for effortlessly opening the door
- Extremely short unlocking time
- Plug&Play connection for simple and error-free installation
- VdS-certified burglary inhibition (in the pipeline)



Product characteristics



Security

- Deadbolt in the main lock extends automatically
- VdS-certified burglary inhibition (in the pipeline)
- Automatic power wedge and deadbolt are push-back safeguarded without using the key



Comfort

- Automatic closing without using the key
- Quiet and powerful motor for effortless opening
- Latches ensure consistent gasket compression and prevent door warping
- Plug&Play connection for simple and error-free installation



Efficiency

- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Latch can be turned around when installed for simple conversion on the construction site
- Eneo Control Unit for easily checking functionality



Design

- Door designs up to 2200 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 35 to 65 mm for a high level of flexibility

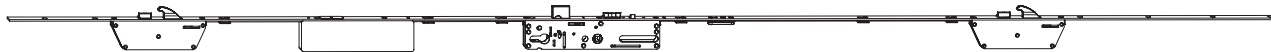


Quality

- Certified continuous operation characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

6.4.1 Automatic power wedge

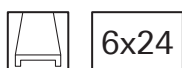
6.4.1.1 2 automatic power wedges (2AH)



Height	Left Profile	Right Profile	Circle	Bracket	Switch	Bracket	Profile	Profile	Profile	Profile	Profile	No.
1900 – 2200	35	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025612	▣
	40	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025613	▣
	45	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025614	▣
	55	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025615	▣
	65	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025616	▣



Height	Left Profile	Right Profile	Circle	Bracket	Switch	Bracket	Profile	Profile	Profile	Profile	No.	
1900 – 2200	45	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025617	▣
	50	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025618	▣
	55	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025619	▣
	65	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025620	▣



Height	Left Profile	Right Profile	Circle	Bracket	Switch	Bracket	Profile	Profile	Profile	Profile	No.	
1900 – 2200	35	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025621	▣
	45	92	9	1020	ON	300	V02+E/03	E700	Roto Sil	1 Piece(s)	2025622	▣



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



INFO

Additionally required components

Access system, power supply unit, cable and cable junction → *from page 128*



6.5 E611 - Eneo CF



Product description

Roto Safe P | E611 – Eneo CF is the electro-mechanical multipoint locking system in which the main lock and additional lockings are opened and locked using a motor.

Thanks to the convenient opening, locked main doors can always be opened from inside using the door lever handle. This means that the house is always secure even when no one is at home, while the automatic locking offers protection against burglary and theft.

A radio receiver is integrated in the drive unit as standard.

The retrofittable day / night changeover switch makes it possible to specifically switch the automatic closing mechanism on or off.

The locks are suitable for main entrance doors in all frame materials.

Advantages at a glance

- Certified in accordance with DIN EN 179 for use on emergency exit doors
- Quiet and powerful motor for effortless opening and locking
- Extremely short unlocking time
- Convenient opening from inside for a reliable exit in an emergency
- Plug & play connection for simple and error-free installation



Product characteristics



Security

- DIN EN 179-certified design
- Convenient opening from inside for a reliable exit in an emergency
- Emergency opening using the key is possible at any time
- Additional lockings are push-back safeguarded without using the key



Comfort

- Quiet and powerful motor for effortless opening and locking
- Extremely short unlocking time
- LED switch for convenient changeover between day / night operation mode
- Plug & play connection for simple and error-free installation



Efficiency

- No free cam cylinder required
- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Eneo Control Unit for simple functional testing



Design

- Door designs up to 2400 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 35 to 80 mm for a high level of flexibility



Quality

- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

[9] Applies to all multipoint lockings with a power wedge (CH) or combination locking (C) as additional lockings.

6.5.1 Combination lockings

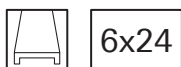
6.5.1.1 2 combination lockings (2C)



Height	Locking pattern	Locking pattern	Locking pattern	Locking pattern	Locking pattern *	Locking pattern	Locking pattern	Locking pattern	Locking pattern	Locking pattern	No.
1900 – 2200	45	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780310 <input checked="" type="checkbox"/>
	55	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780314 <input checked="" type="checkbox"/>



Height	Locking pattern	Locking pattern	Locking pattern	Locking pattern	Locking pattern *	Locking pattern	Locking pattern	Locking pattern	Locking pattern	Locking pattern	No.
1900 – 2200	45	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	806944 <input checked="" type="checkbox"/>
	55	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780315 <input checked="" type="checkbox"/>
	65	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780321 <input checked="" type="checkbox"/>
	80	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780323 <input type="checkbox"/>



Height	Locking pattern	Locking pattern	Locking pattern	Locking pattern	Locking pattern *	Locking pattern	Locking pattern	Locking pattern	Locking pattern	Locking pattern	No.
1900 – 2200	35	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780308 <input checked="" type="checkbox"/>
	45	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780313 <input checked="" type="checkbox"/>
	55	92	9	1020	ON	300	V02+E/03	E611	Roto Sil	1 Piece(s)	780317 <input checked="" type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



INFO

Additionally required components

Access system, power supply unit, cable, cable junction and magnetic component (magnetic contact or magnetic striker) → *from page 128*



6.6 P650



Product description

Roto Safe P | P650 is the mechanical multi-point locking system certified in accordance with DIN EN 1125 for panic doors in escape routes in buildings which are used by the public and whose visitors are not familiar with the infrastructure of the building or how the escape door works.

The multipoint lockings feature a split spindle function E: it is always possible to open the door from the side on which the hazard is present, while unauthorised opening from outside should, however, be prevented. A fixed knob is also fitted on the outside so that the escape door can only be unlocked and locked using a key.

Roto Safe P650 locks may only be used in conjunction with free cam cylinders and with jointly certified push bars. It must be possible to unlock the escape door with a single movement.

Advantages at a glance

- Certified in accordance with DIN EN 1125 for use on panic doors
- The free-running function of the cylinder guarantees that doors can be opened safely from inside without a key
- Certified long-term functional performance characteristics for permanent functional safety



Product characteristics



Security

- Certified in accordance with DIN EN 1125 for use on panic doors
- The free-running function of the cylinder guarantees that doors can be opened safely from inside without a key
- Split spindle function E – opening against the direction of escape is only possible with a key
- Power wedge and combination locking for a high level of burglary inhibition



Efficiency

- Standardised locking patterns for reduced logistics and installation effort
- Profile-related frame components for efficient installation
- Latch conversion without tools for simple installation



Design

- Door designs up to 2400 mm for freedom of design
- Durable and scratch-resistant surfaces for a high-quality appearance in the long term
- Backsets from 35 to 80 mm for a high level of flexibility



Quality

- Certified long-term functional performance characteristics for permanent functional safety
- Corrosion-resistant surfaces for a safe investment

[10] Applies to all multipoint lockings with a power wedge (CH) or combination locking (C) as additional lockings.

6.6.1 Bolts

6.6.1.1 2 bolts (2CB)



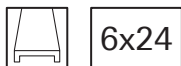
Height	Locking Point 1	Locking Point 2	Locking Point 3	Locking Point 4	Locking Point 5	Locking Point 6	Locking Point 7	Locking Point 8	Locking Point 9	Locking Point 10	Locking Point 11	No.
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633835	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611516	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611540	<input type="checkbox"/>



Height	Locking Point 1	Locking Point 2	Locking Point 3	Locking Point 4	Locking Point 5	Locking Point 6	Locking Point 7	Locking Point 8	Locking Point 9	Locking Point 10	Locking Point 11	No.
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611498	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611522	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611546	<input type="checkbox"/>



Height	Locking Point 1	Locking Point 2	Locking Point 3	Locking Point 4	Locking Point 5	Locking Point 6	Locking Point 7	Locking Point 8	Locking Point 9	Locking Point 10	Locking Point 11	No.
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611504	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611528	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611552	<input type="checkbox"/>



Height	Locking Point 1	Locking Point 2	Locking Point 3	Locking Point 4	Locking Point 5	Locking Point 6	Locking Point 7	Locking Point 8	Locking Point 9	Locking Point 10	Locking Point 11	No.
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611510	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611534	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611558	<input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



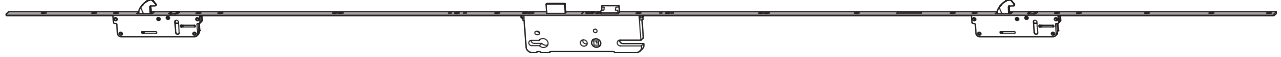
INFO

Follow the installation and maintenance instructions (enclosed with the product).



6.6.2 Power wedges

6.6.2.1 2 power wedges (2CH)



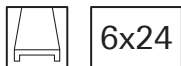
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633836	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611520	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611544	<input type="checkbox"/>



1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611502	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611526	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611550	<input type="checkbox"/>



1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611508	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611532	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611556	<input type="checkbox"/>



1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611514	<input type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611538	<input type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611562	<input type="checkbox"/>



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312.*



INFO

Follow the installation and maintenance instructions (enclosed with the product).

6.6.3 Combination lockings

6.6.3.1 2 combination lockings (2C)



											Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	629784 <input checked="" type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611517 <input checked="" type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611541 <input checked="" type="checkbox"/>
	50	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633838 <input checked="" type="checkbox"/>
	55	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633842 <input checked="" type="checkbox"/>
	65	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633846 <input checked="" type="checkbox"/>
	70	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633850 <input type="checkbox"/>
	80	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633853 <input type="checkbox"/>



											Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611499 <input checked="" type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611523 <input checked="" type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611547 <input checked="" type="checkbox"/>
	50	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633839 <input checked="" type="checkbox"/>
	55	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633843 <input checked="" type="checkbox"/>
	65	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633847 <input checked="" type="checkbox"/>
	70	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633851 <input type="checkbox"/>
	80	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633854 <input type="checkbox"/>



											Nº
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611505 <input checked="" type="checkbox"/>
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611529 <input checked="" type="checkbox"/>
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611553 <input checked="" type="checkbox"/>
	50	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633840 <input checked="" type="checkbox"/>
	55	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633844 <input checked="" type="checkbox"/>
	65	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633848 <input checked="" type="checkbox"/>
	70	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633852 <input type="checkbox"/>
	80	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633855 <input type="checkbox"/>



6x24

											N ^o
1900 – 2200	35	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611511
	40	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611535
	45	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	611559
	50	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633841
	55	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633845
	65	92	9	1020	–	300	V02/03	P650	Roto Sil	1 Piece(s)	633849



INFO

Select the detailed dimensional drawing of the multipoint locking using the locking pattern → *from page 312*.



INFO

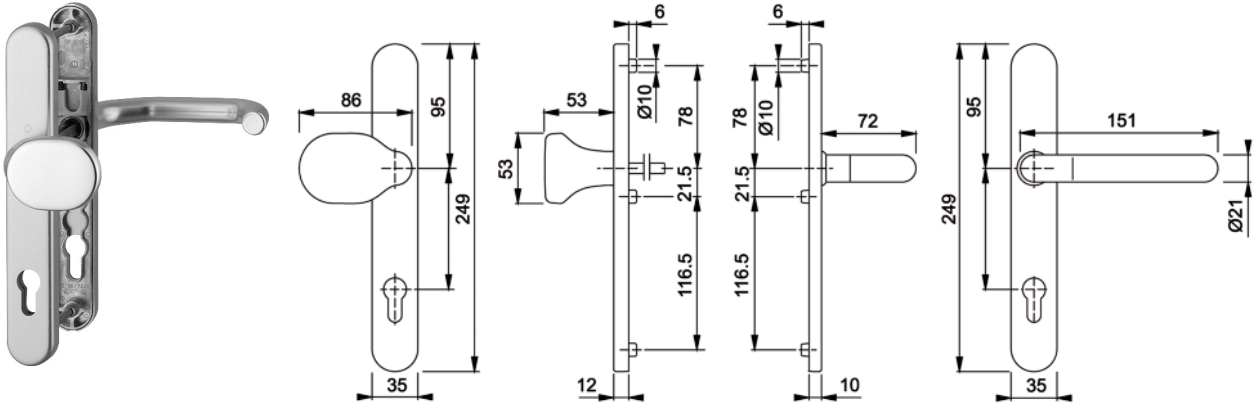
Follow the installation and maintenance instructions (enclosed with the product).



6.7 Handles

6.7.1 Emergency exit lockings – DIN EN 179

Compatible combined knob and lever handle sets for Roto Safe P600, A700 – Tandeo F and E700 – Eneo AF multi-point locking systems.



Application

- Easy to install
- Security
- Design

Product description

- Door leaf thickness 67 to 97 mm
- Pin for combined knob and lever handle set – door leaf thickness of 67 to 72 mm (included in the scope of delivery)
- Screw fixing M6 / EN 179 DO 20.5.02

						No
Combined knob and lever handle set	F1 – Natural matt aluminium	92	9	1 Piece(s)	618987	■
	F9016 – Traffic white	92	9	1 Piece(s)	618988	■
	F69 – Matt stainless steel	92	9	1 Piece(s)	618989	■



6.7.2 Panic lockings – DIN EN 1125

To operate the Roto Safe P650 multipoint lockings, one of the following hardware sets must be used depending on the application.

Hardware sets

With counter-hardware

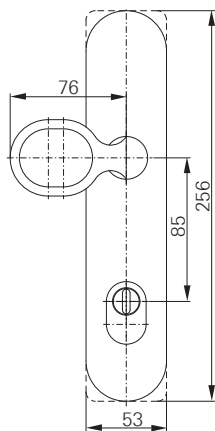
- Push bar (on the inside of the door)
- Lever handle (on the outside of the door)
- Lever handle mounting
- Roller change pin

Without counter-hardware

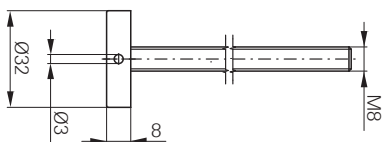
- Push bar (on the inside of the door)
- Square spindle with insertable clip (mounting)



Stainless-steel push bar	92	9	F69 – Stainless steel, matt, EN 1125, EN 1634, DIN 4102 Part 18, DO 25.21	–	1 Piece(s)	774425	
Aluminium push bar	92	9	F1 – Aluminium, natural, matt, EN 1125, EN 1634, DIN 4102 Part 18, DO 25.21	–	1 Piece(s)	774426	



Stainless steel lever handle	92	9	F69 – Matt stainless steel, handle plate 160	1 Piece(s)	619038		
Aluminium lever handle	92	9	F1 – Natural matt aluminium, handle plate 160	1 Piece(s)	619039		

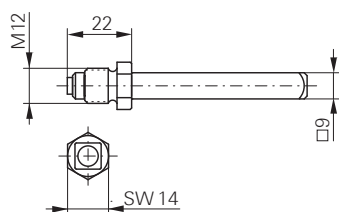


Lever handle fixing			Door leaf thickness 50 to 80 mm, M8	1 Piece(s)	619040		

Roto Safe P – Panic and emergency exit lockings

Handles

Panic lockings – DIN EN 1125

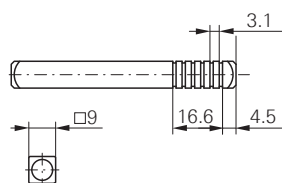


				Nº
Roller change pin with eccentric drill hole	65	9	Door leaf thickness 54 to 67 mm	775631
	80	9	Door leaf thickness 68 to 75 mm	775632
	85	9	Door leaf thickness 74 to 80 mm	775633
	90	9	Door leaf thickness 79 to 85 mm	775634
	95	9	Door leaf thickness 84 to 90 mm	775635
	100	9	Door leaf thickness 89 to 96 mm	775636
	108	9	Door leaf thickness 97 to 102 mm	775637
	113	9	Door leaf thickness 102 to 107 mm	775638
	118	9	Door leaf thickness 107 to 112 mm	775639



INFO

For use with counter-hardware. Screws for counter-hardware included in the scope of delivery.



				Nº
Square spindle with insertable clip	55	9	Door leaf thickness 40 to 64 mm	775730
	75	9	Door leaf thickness 60 to 84 mm	775731
	95	9	Door leaf thickness 80 to 104 mm	775732



INFO

For use without counter-hardware.







Product overview

See page	171
----------	-----

Shootbolt

4 additional lockings (4E, 4V)	173
--------------------------------	-----

2 additional lockings (2CB, 2CH, 2C, 2AH)	175
---	-----

Floating-mullion sash espagnolette

4 additional lockings (4E, 4V)	177
--------------------------------	-----

2 additional lockings (2CB, 2CH, 2C, 2AH)	179
---	-----

4 additional lockings (4V) – with tothing at the top and bottom (ZUOV)	183
--	-----

Faceplate lock

4 additional lockings (4V) – with tothing at the top and bottom (ZUOV)	186
--	-----

Locking components

Shootbolt	191
-----------	-----

Shootbolt protrusions	192
-----------------------	-----

7 Solutions for double-leaved doors



Thanks to the modular Roto Safe locking system, different versions of double-leaved doors can be constructed.

The second opening leaf of double-leaved doors can be equipped with two shootbolts and strikers adapted to the specific profile.

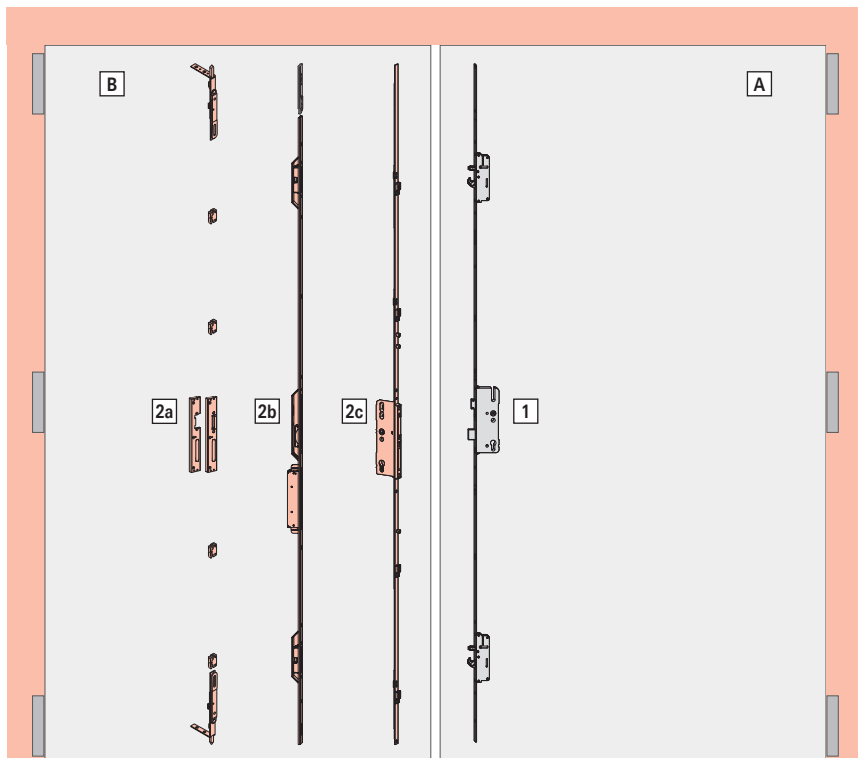
As an alternative, lever-operated espagnolettes offer greater comfort: a central lever is used to lock and unlock the second opening leaf.

A faceplate lock can be used as another variant, especially in combination with a lever handle-operated multipoint locking system in the version with E or V cams: this allows the second opening leaf to be operated using a lever handle and locked using a cylinder.

Various different locking systems are adapted to the second opening leaf for PVC, timber and aluminium frame materials.



7.1 Product overview



Assignment	Meaning
[A]	First opening leaf
[B]	Second opening leaf
[1]	Multipoint locking
[2a]	Shootbolt
[2b]	Lever-operated espagnolette
[2c]	Faceplate lock

Possible combinations

	Shootbolt		Lever-operated espagnolette			Faceplate lock
	4E	2CB	4E	2CB	4V	4V
	4V	2CH	4V	2CH	(ZUOV)	(ZUOV)
		2C		2C		
		2AH		2AH		
Compatible multipoint locking system						
C500 / C600 / H650	■	■	■	■	–	–
A700 – Tandeo	–	■	–	■	–	–
C500 / C600 / H650 <i>(each in special version: ZO)</i>	■	–	■	–	–	–
H650 <i>(special version: ZUOV)</i>	–	–	–	–	■	■
Frame material						
Timber	■	■	■	■	■	■
PVC	■	■	■	■	■	■
Aluminium	–	■	–	■	–	–
Processing						
Extendable at the top	–	–	■	■	■	■
Extendable at the bottom	–	–	■	–	■	■
Multipart design	■	■ ^[11]	■	■ ^[12]	■	■

■ = standard, □ = optional

[11] Does not apply to the A700 – Tandeo multipoint locking system.

[12] Does not apply to the A700 – Tandeo multipoint locking system.

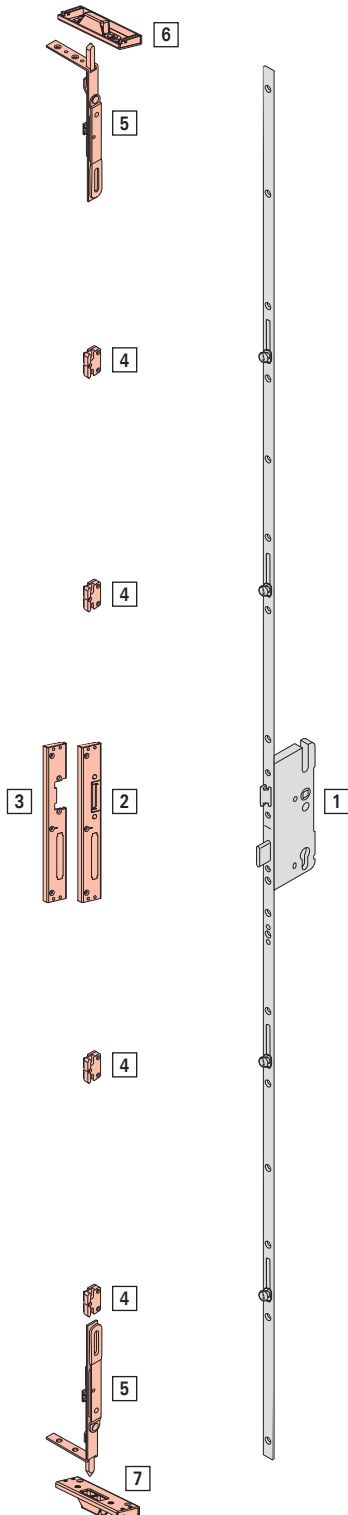


7.2 Shootbolt

7.2.1 4 additional lockings (4E, 4V)



Application range: SRH 1900 – 2200 mm



Assignment	Meaning
[1]	Multipoint locking C500 / C600 / H650
[2]	Latch / deadbolt striker
[3]	Electrical opener / deadbolt striker
[4]	V cam striker
[5]	Shootbolt 150
[6]	Shootbolt protrusion striker
[7]	Threshold frame component

Configuration

1. Select the profile system and determine the following data → *from page 198*



Determine the multipoint locking backset



Determine the multipoint locking faceplate



Determine the frame component profile series

2. Select the multipoint locking [1]

C500 / C600 → *from page 72*

H650 → *from page 44*



Determine the multipoint locking sash rebate height (SRH)



Determine the locking pattern of the multipoint locking

3. Select the latch / deadbolt striker [2]

Timber → *from page 233*

PVC → *from page 251*

4. **Optional:** select the electrical opener / deadbolt striker [3]

Timber → *from page 234*

PVC → *from page 251*

5. Select the V cam striker [4]

Timber → *from page 238*

PVC → *from page 251*

6. Select shootbolt 150 [5] → *from page 191*

7. Select the shootbolt protrusion striker [6]

Timber → *from page 236*

PVC → *from page 251*

8. Select the threshold frame component [7] → *from page 273*



INFO

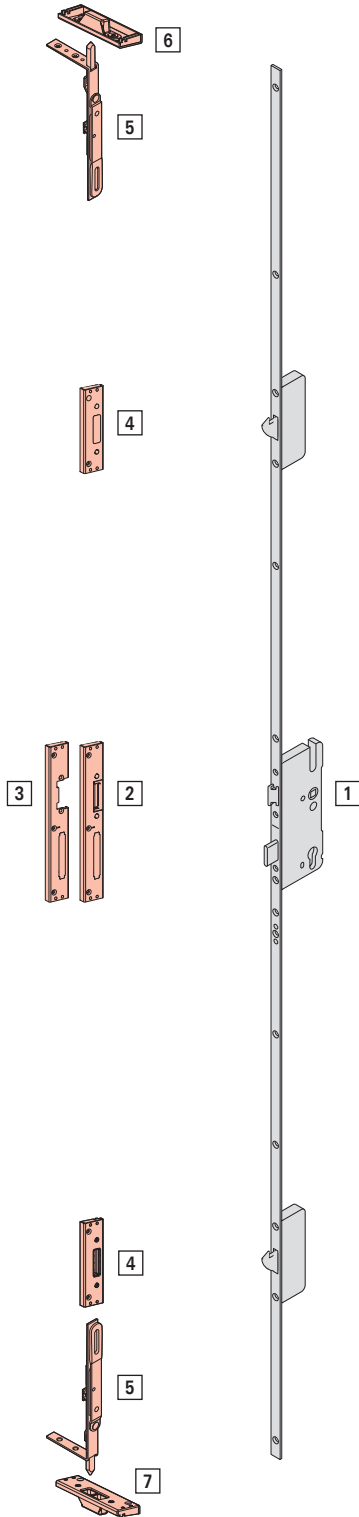
All multipoint lockings with 4 E cams (4E) and 4 V cams (4V) as additional lockings can be used.



7.2.2 2 additional lockings (2CB, 2CH, 2C, 2AH)



Application range: SRH 1650 – 2200 mm



Assignment	Meaning
[1]	Multipoint locking C500 / C600 / H650 / A700 – Tandeo
[2]	Latch / deadbolt striker

Assignment	Meaning
[3]	Electrical opener / deadbolt striker
[4]	Combination striker
[5]	Shootbolt 150
[6]	Shootbolt protrusion striker
[7]	Threshold frame component

Configuration

1. Select the profile system and determine the following data → *from page 198*



Determine the multipoint locking backset



Determine the multipoint locking faceplate



Determine the frame component profile series

2. Select the multipoint locking [1]

C500 / C600 → *from page 72*

H650 → *from page 44*

A700 – Tandeo → *from page 108*



Determine the multipoint locking sash rebate height (SRH)



Determine the locking pattern of the multipoint locking

3. Select the latch / deadbolt striker [2]

Timber → *from page 233*

PVC → *from page 251*

Aluminium → *from page 266*

4. **Optional:** select the electrical opener / deadbolt striker [3]

Timber → *from page 234*

PVC → *from page 251*

Aluminium → *from page 266*

5. Select the combination striker [4]

Timber → *from page 235*

PVC → *from page 251*

Aluminium → *from page 266*

6. Select shootbolt 150 [5] → *from page 191*

7. Select the shootbolt protrusion striker [6]

Timber → *from page 236*

PVC → *from page 251*

Aluminium → *from page 266*

8. Select the threshold frame component [7] → *from page 273*



INFO

All multipoint lockings with 2 bolts (2CB), 2 power wedges (2CH), 2 combination lockings (2C) and 2 automatic power wedges (2AH) as additional lockings can be used.

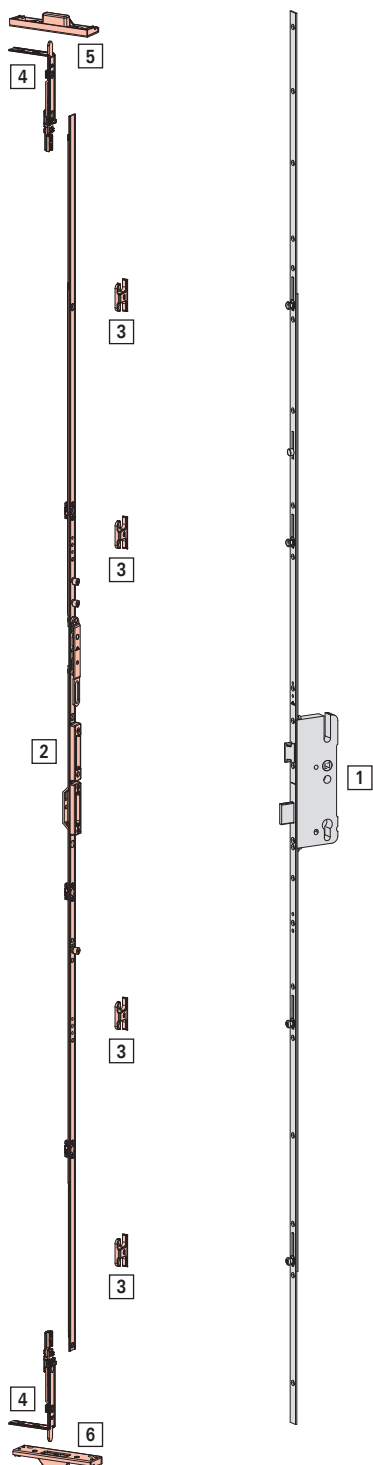


7.3 Floating-mullion sash espagnolette

7.3.1 4 additional lockings (4E, 4V)



Application range: SRH 1900 – 2200 mm




Assignment	Meaning
[1]	Multipoint locking C500 / C600 / H650
[2]	Lever-operated espagnolette
[3]	Screw-on striker for lever-operated espagnolette
[4]	Shootbolt protrusion 110 for N16 faceplate
[5]	Shootbolt protrusion striker
[6]	Threshold frame component

Configuration

1. Select the profile system and determine the following data → *from page 198*

 Determine the multipoint locking backset


 Determine the multipoint locking faceplate

 Determine the frame component profile series

2. Select the multipoint locking [1]

C500 / C600 → *from page 72*

H650 → *from page 44*

 Determine the multipoint locking sash rebate height (SRH)

 Determine the locking pattern of the multipoint locking

3. Select the lever-operated espagnolette [2] using the sash rebate height (SRH) and locking pattern

Timber → *from page 248*

PVC → *from page 248*

4. Select the screw-on striker for the lever-operated espagnolette [3]
5. Select shootbolt protrusion 110 for N16 faceplate [4] → *from page 192*
6. Select the shootbolt protrusion striker [5] → *from page 251*
7. Select the threshold frame component [6] → *from page 273*



INFO

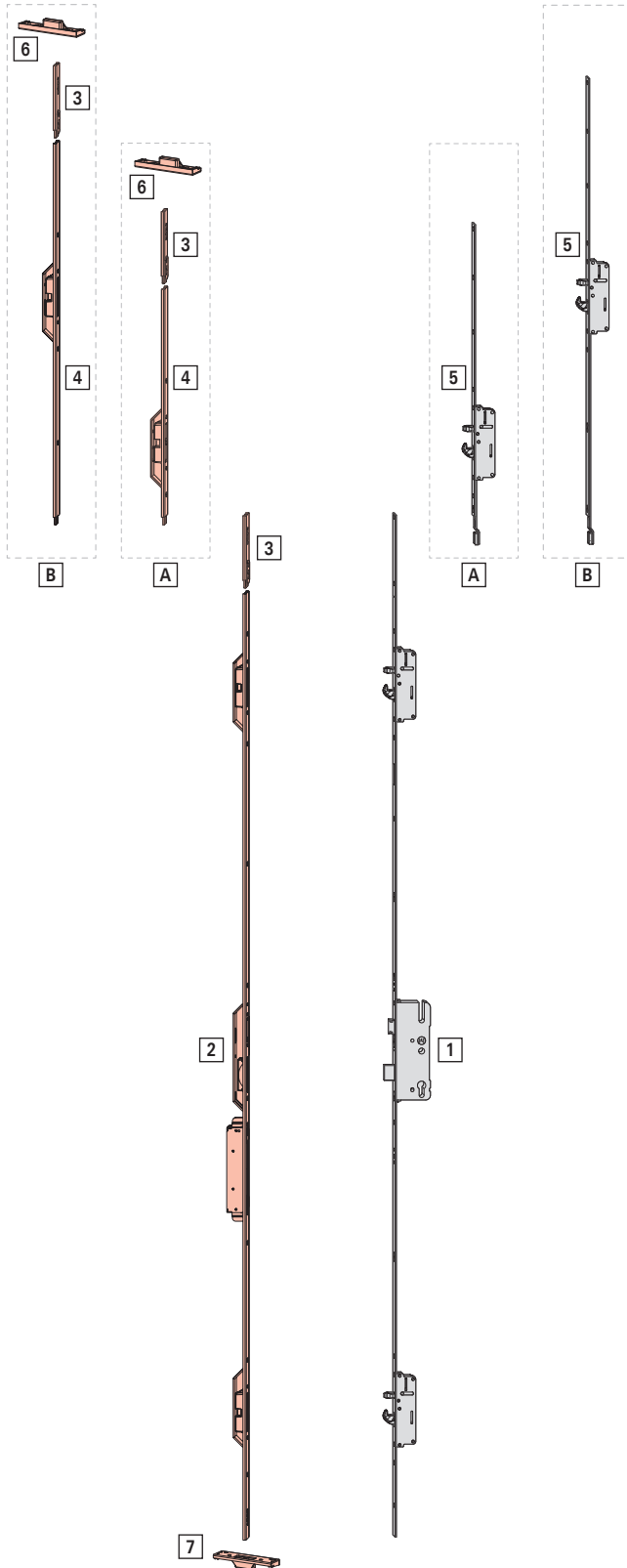
All multipoint lockings with 4 E cams (4E) and 4 V cams (4V) as additional lockings can be used.



7.3.2 2 additional lockings (2CB, 2CH, 2C, 2AH)



Application range: SRH 1760 – 3000 mm



Solutions for double-leaved doors
Floating-mullion sash espagnolette
 2 additional lockings (2CB, 2CH, 2C, 2AH)


Assignment	Meaning
[1]	Multipoint locking C500 / C600 / H650 / A700 – Tandeo
[2]	Lever-operated espagnolette
[3]	Lever-operated espagnolette connector component
[4]	Lever-operated espagnolette extension
[5]	Multipoint locking connector component
[6]	Shootbolt protrusion striker
[7]	Threshold frame component
[A]	Optional height variant 1
[B]	Optional height variant 2

Configuration

1. Select the profile system and determine the following data → *from page 198*

 Determine the multipoint locking backset

 Determine the multipoint locking faceplate


 Determine the frame component profile series

2. Select the multipoint locking [1]

C500 / C600 → *from page 72*

H650 → *from page 44*

A700 – Tandeo → *from page 108*

 Determine the multipoint locking sash rebate height (SRH)

 Determine the locking pattern of the multipoint locking

3. **Optional:** Determine the multipoint locking connector component [5]

4. Select the lever-operated espagnolette [2] using the sash rebate height (SRH) and locking pattern

Timber → *from page 249*

PVC → *from page 265*

Aluminium → *from page 271*

5. Select the lever-operated espagnolette connector component [3]

Timber → *from page 249*

PVC → *from page 265*

Aluminium → *from page 272*

6. **Optional:** select the lever-operated espagnolette extension [4]

Timber → *from page 250*

PVC → *from page 265*

Aluminium → *272*

7. Select the shootbolt protrusion striker [6]

Timber → *from page 236*

PVC → *from page 251*

Aluminium → *from page 266*



8. Select the threshold frame component [7] → *from page 273*



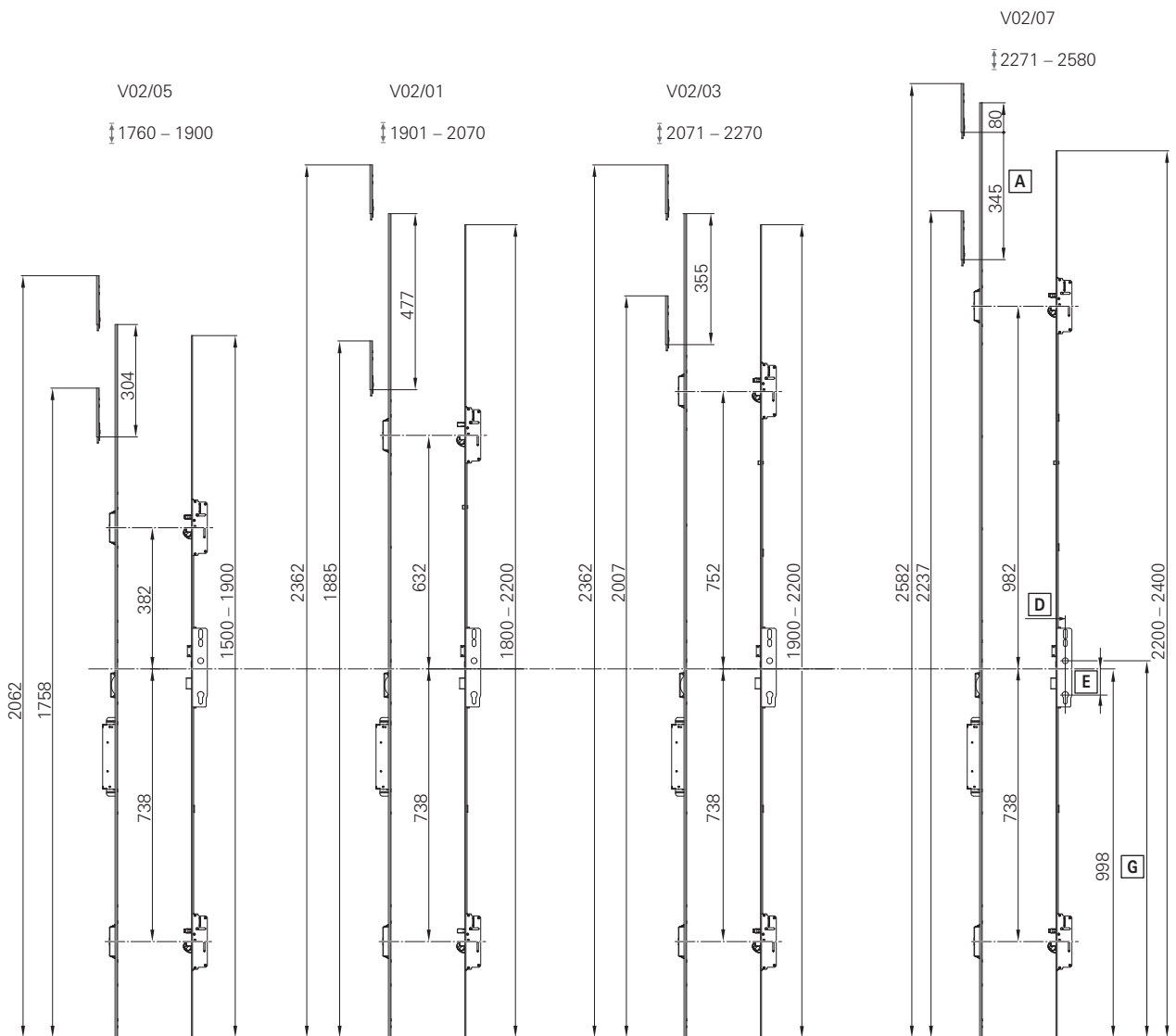
INFO

All multipoint lockings with 2 bolts (2CB), 2 power wedges (2CH), 2 combination lockings (2C) and 2 automatic power wedges (2AH) as additional lockings can be used.

The multipoint lockings with 3 bolts (3CB) – couplable, 3 power wedges (3CH) – couplable, 3 combination lockings (3C) – couplable and 3 automatic power wedges (3AH) – couplable as additional lockings can be used for the optional height variants 1 and 2.

Application range

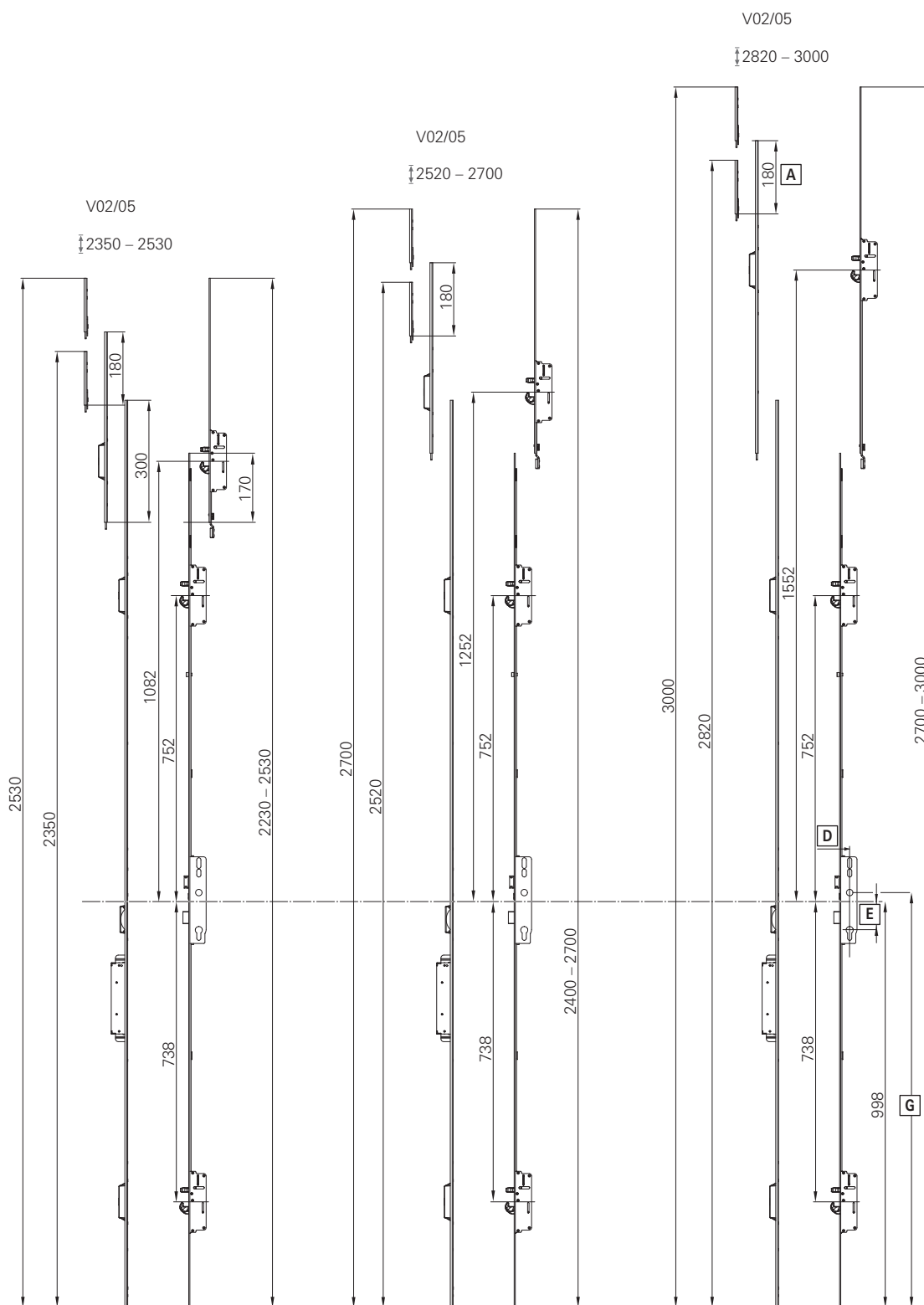
2 additional lockings (2CB, 2CH, 2C, 2AH)



Assignment	Meaning
[A]	Cropping range
[D]	Backset
[E]	Distance
[G]	Handle height

Application range

3 additional lockings (3CB, 3CH, 3C, 3AH) – couplable



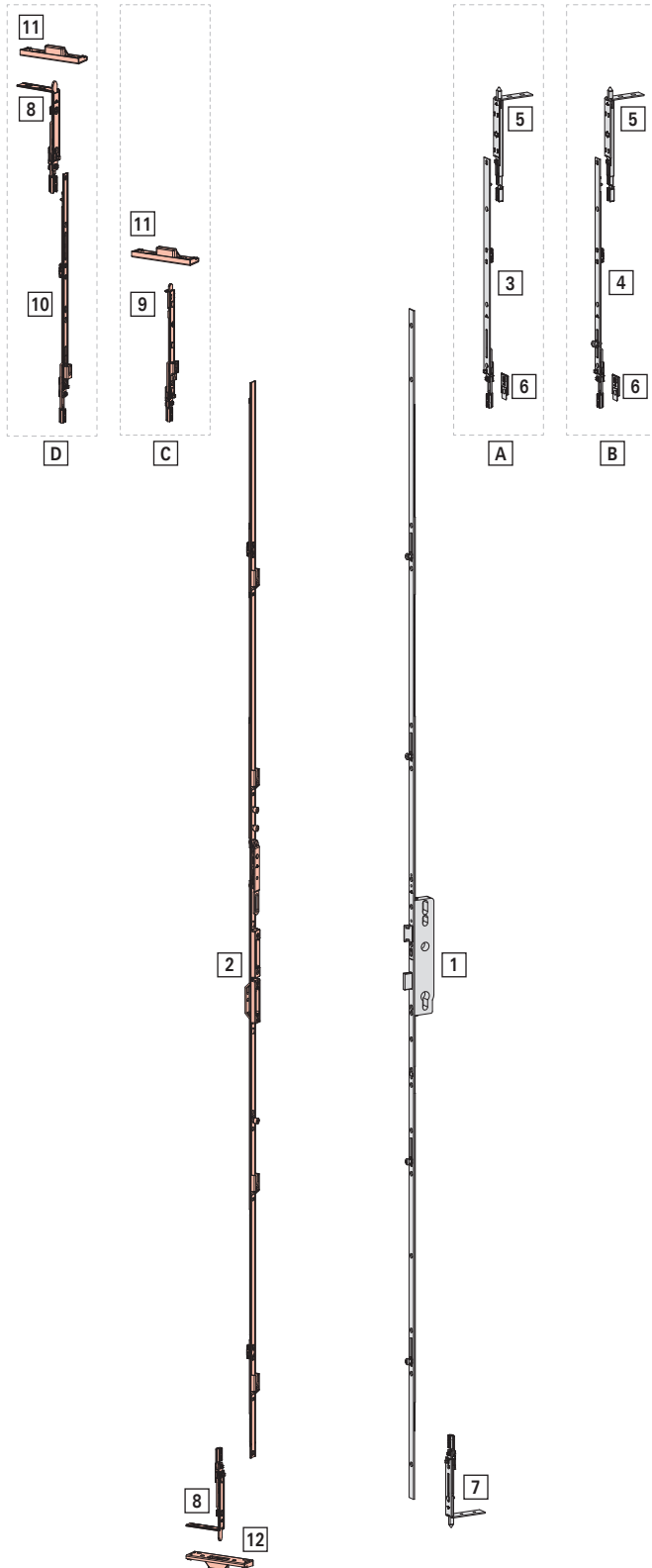
Assignment	Meaning
[A]	Cropping range
[D]	Backset
[E]	Distance
[G]	Handle height



7.3.3 4 additional lockings (4V) – with tothing at the top and bottom (ZUOV)



Application range: SRH 1750 – 2800 mm



Assignment	Meaning
[1]	H650 (<i>special version: ZUOV</i>)
[2]	Lever-operated espagnolette
[3]	Connector component
[4]	Connector component with V cam
[5]	Shootbolt protrusion 110 with reverse-action travel
[6]	Faceplate cover
[7]	Shootbolt protrusion 110
[8]	Shootbolt protrusion 110 for N16 faceplate
[9]	Espagnolette connector with protrusion
[10]	Espagnolette connector
[11]	Shootbolt protrusion striker
[12]	Threshold frame component
[A]	Version without locking point
[B]	Version with additional locking point
[C]	Espagnolette connector version with built-in protrusion
[D]	Espagnolette connector version without built-in protrusion

Configuration

1. Select the profile system and determine the following data → *from page 198*



Determine the multipoint locking backset



Determine the multipoint locking faceplate



Determine the frame component profile series

2. Select the multipoint locking [1]

H650 (*special version: ZUOV*) → *from page 44*



Determine the multipoint locking sash rebate height (SRH)



Determine the locking pattern of the multipoint locking

3. Determine the multipoint locking connector component [3] or [4]

4. Select the lever-operated espagnolette [2] using the sash rebate height (SRH) and locking pattern → *from page 185*

5. Select shootbolt protrusion 110 with reverse-action travel [5] → *from page 192*

6. **Optional:** select the connecting link [6] and/or faceplate cover [6] → *from page 185*



INFO

If the multipoint locking is cropped with a pneumatic cropper (hole punching), neither a connecting link nor a faceplate cover is necessary.

When manually cropping the multipoint locking, the components must be used as outlined below:

- 12 mm rebate clearance: connecting link
- 4 mm rebate clearance: connecting link and faceplate cover

7. Select shootbolt protrusion 110 [7] → *from page 192*

8. Select shootbolt protrusion 110 for N16 faceplate [8] → *from page 192*

9. Select the espagnolette connector with protrusion [9] → *from page 185*

or

Select the espagnolette connector [10] with suitable shootbolt protrusion → *from page 185*

10. Select the shootbolt protrusion striker [11]

Timber → *from page 236*

PVC → *from page 251*

Aluminium → *from page 266*



11. Select the threshold frame component [12] → *from page 273*



INFO

All multipoint lockings with 4 V cams (4V) as additional lockings ("ZUOV" special version characteristic) can be used.

7.3.3.1 Lever-operated espagnolette



1845 – 3035	4 additional lockings (4V)	Riveted	1990	V22/25	200	–	–	N16	Roto Sil	–	10 Piece(s)	899172 <input checked="" type="checkbox"/>
		Welded	1990	V22/25	200	–	–	N16	Roto Sil	–	10 Piece(s)	633303 <input checked="" type="checkbox"/>

7.3.3.2 Connector components



Connector component	20	200	N16	Roto Sil	50 Piece(s)	633326 <input checked="" type="checkbox"/>	

7.3.3.3 Extensions



Extension	–	400	N16	Roto Sil	50 Piece(s)	280343 <input checked="" type="checkbox"/>

7.3.3.4 Connecting links



Connecting link	F16	4	3	Roto Sil	10 Piece(s)	634018 <input checked="" type="checkbox"/>
		12	3	Roto Sil	10 Piece(s)	634016 <input checked="" type="checkbox"/>
			2	Roto Sil	10 Piece(s)	634017 <input checked="" type="checkbox"/>
	F20	4	3	Roto Sil	10 Piece(s)	634021 <input type="checkbox"/>
		12	3	Roto Sil	10 Piece(s)	634019 <input type="checkbox"/>
			2	Roto Sil	10 Piece(s)	634020 <input type="checkbox"/>



Floating-mullion cover	4	0.4	Stainless steel	10 Piece(s)	634047 <input checked="" type="checkbox"/>	

7.4 Faceplate lock

7.4.1 4 additional lockings (4V) – with tothing at the top and bottom (ZUOV)

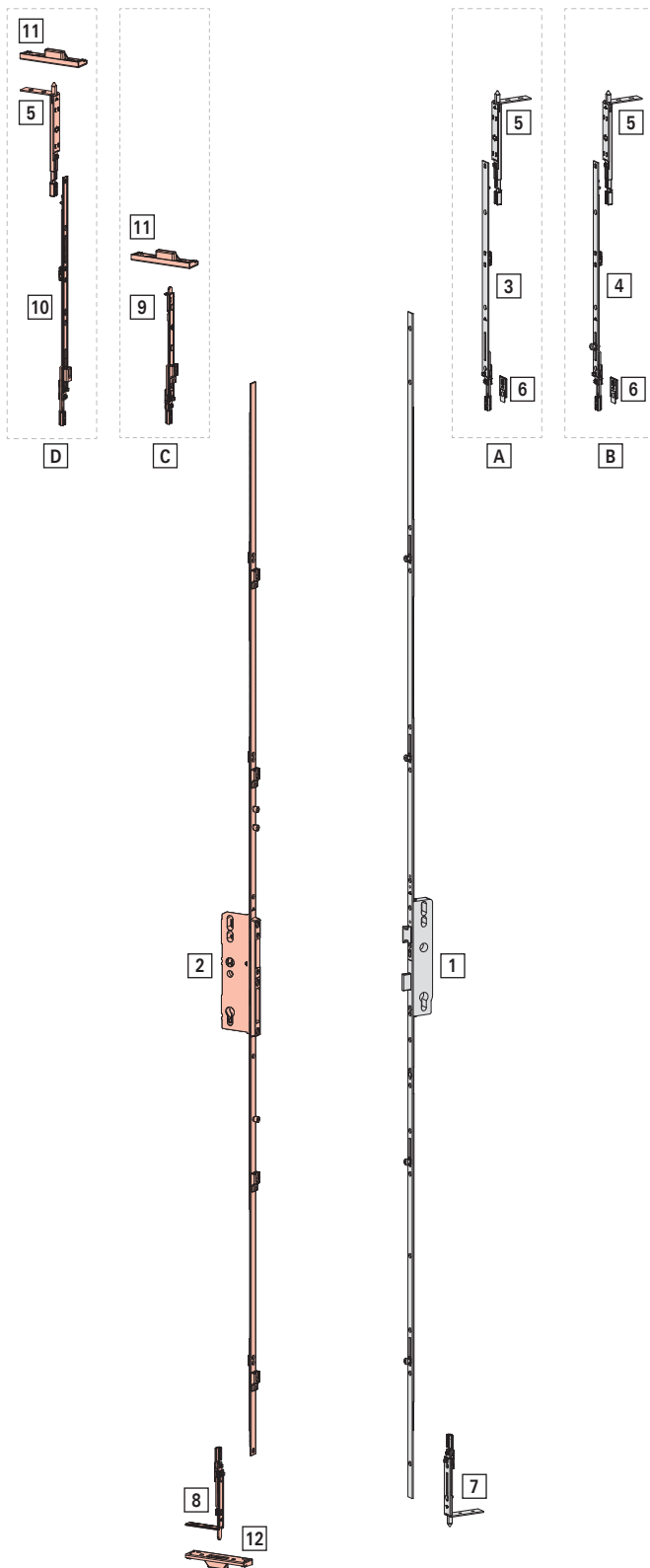


Application range: SRH 1845 – 3035 mm



Faceplate lock

4 additional lockings (4V) – with tothing at the top and bottom (ZUOV)



Assignment	Meaning
[1]	H650 (<i>special version: ZUOV</i>)
[2]	Faceplate lock (H609)
[3]	Connector component
[4]	Connector component with V cam
[5]	Shootbolt protrusion 110 with reverse-action travel
[6]	Faceplate cover

Faceplate lock

4 additional lockings (4V) – with tothing at the top and bottom (ZUOV)

Assignment	Meaning
[7]	Shootbolt protrusion 110
[8]	Shootbolt protrusion 110 for N16 faceplate
[9]	Espagnolette connector with protrusion
[10]	Espagnolette connector
[11]	Shootbolt protrusion striker
[12]	Threshold frame component
[A]	Version without locking point
[B]	Version with additional locking point
[C]	Espagnolette connector version with built-in protrusion
[D]	Espagnolette connector version without built-in protrusion

Configuration

1. Select the profile system and determine the following data → *from page 198*



Determine the multipoint locking backset



Determine the multipoint locking faceplate



Determine the frame component profile series

2. Select the multipoint locking [1]

H650 (*special version: ZUOV*) → *from page 44*

Determine the multipoint locking sash rebate height (SRH)



Determine the locking pattern of the multipoint locking

3. Determine the multipoint locking connector component [3] or [4]
4. Select the faceplate lock [2] using the sash rebate height (SRH) and locking pattern → *from page 189*
5. Select shootbolt protrusion 110 with reverse-action travel [5] → *from page 192*
6. **Optional:** select the connecting link [6] and/or faceplate cover [6] → *from page 185*

**INFO**

If the multipoint locking is cropped with a pneumatic cropper (hole punching), neither a connecting link nor a faceplate cover is necessary.

When manually cropping the multipoint locking, the components must be used as outlined below:

- 12 mm rebate clearance: connecting link
- 4 mm rebate clearance: connecting link and faceplate cover

7. Select shootbolt protrusion 110 [7] → *from page 192*
 8. Select shootbolt protrusion 110 for N16 faceplate [8] → *from page 192*
 9. Select the espagnolette connector with protrusion [9] → *from page 185*
- or
- Select the espagnolette connector [10] with suitable shootbolt protrusion → *from page 185*
10. Select the shootbolt protrusion striker [11]
- Timber → *from page 236*
- PVC → *from page 251*
- Aluminium → *from page 266*



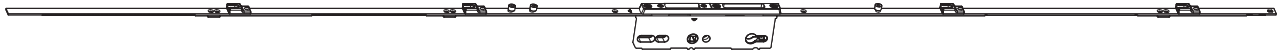
11. Select the threshold frame component [12] → from page 273



INFO

All multipoint lockings with 4 V cams (4V) as additional lockings (“ZUOV” special version characteristic) can be used.

7.4.1.1 Faceplate lock



1845 – 3035	45	92	8	1020	F16	200	V22/25	H609	Roto Sil	Left	5 Piece(s)	637506 <input type="checkbox"/>
		92	8	1020	F16	200	V22/25	H609	Roto Sil	Right	5 Piece(s)	637507 <input type="checkbox"/>
	55	92	8	1020	F16	200	V22/25	H609	Roto Sil	Left	5 Piece(s)	638730 <input type="checkbox"/>
		92	8	1020	F16	200	V22/25	H609	Roto Sil	Right	5 Piece(s)	638731 <input type="checkbox"/>
	65	92	8	1020	F16	200	V22/25	H609	Roto Sil	Left	5 Piece(s)	638732 <input type="checkbox"/>
		92	8	1020	F16	200	V22/25	H609	Roto Sil	Right	5 Piece(s)	638733 <input type="checkbox"/>

7.4.1.2 Connector components



Connector component	20	200	N16	Roto Sil	50 Piece(s)	633326 <input type="checkbox"/>	







7.4.1.3 Extensions








Extension	-	400	N16	Roto Sil	50 Piece(s)	280343 <input type="checkbox"/>	

7.4.1.4 Connecting links



						N ^o
Connecting link	F16	4	3	Roto Sil	10 Piece(s)	634018 <input checked="" type="checkbox"/>
		12	3	Roto Sil	10 Piece(s)	634016 <input checked="" type="checkbox"/>
			2	Roto Sil	10 Piece(s)	634017 <input checked="" type="checkbox"/>
	F20	4	3	Roto Sil	10 Piece(s)	634021 <input type="checkbox"/>
		12	3	Roto Sil	10 Piece(s)	634019 <input type="checkbox"/>
			2	Roto Sil	10 Piece(s)	634020 <input type="checkbox"/>



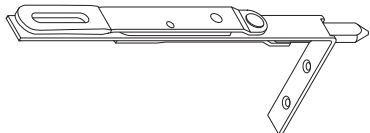
					N ^o
Floating-mullion cover	4	0.4	Stainless steel	10 Piece(s)	634047 <input checked="" type="checkbox"/>














7.5 Locking components

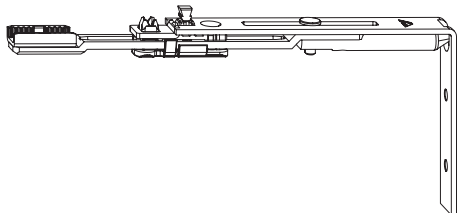
7.5.1 Shootbolt










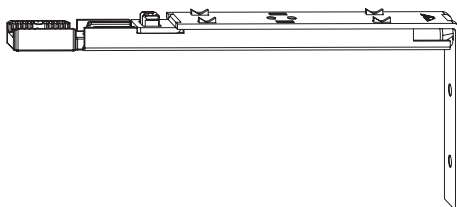
								
Shootbolt 150	F16	150	20	With lever	Timber PVC Aluminium	Roto Sil	10 Piece(s)	388354 <input type="checkbox"/>
			40	With lever	Timber PVC Aluminium	Roto Sil	10 Piece(s)	482257 <input type="checkbox"/>










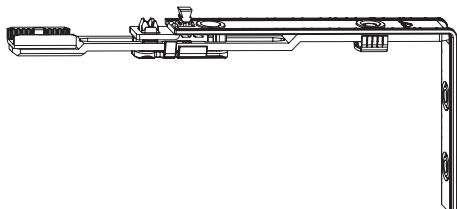
7.5.2 Shootbolt protrusions










							N ^o
Shootbolt protrusion 110	F16	110	20	Timber PVC	Roto Sil	10 Piece(s)	633930 <input checked="" type="checkbox"/>
	F20	110	20	Timber PVC	Roto Sil	10 Piece(s)	633932 <input type="checkbox"/>



							N ^o
Shootbolt protrusion 110 with reverse-action travel	F16	110	20	Timber PVC	Roto Sil	10 Piece(s)	633931 <input checked="" type="checkbox"/>
	F20	110	20	Timber PVC	Roto Sil	10 Piece(s)	633933 <input type="checkbox"/>



							N ^o
Shootbolt protrusion 110 for NT16 faceplate	N16	110	20	Timber PVC	Roto Sil	10 Piece(s)	633325 <input checked="" type="checkbox"/>







PVC

Aluplast	199
Brüggmann	201
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Rehau	208
Roplasto	209
Salamander	209
Schüco	210
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Aluminium

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Aliplast	215
Alumil	216
AluK	217
Alunovum	218
Aluprof	218
Aluron	220
Cortizo	220
Feal	220
Gutmann	221
Heroal	222
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Reynaers	224
Schüco	224
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Yawal	226

8 Profile systems



The tables below help to select the ideal multipoint lockings and compatible frame components.

Procedure

1. Selecting the profile system

Identify the profile system that is being used.

2. Selecting the multipoint locking

To select a compatible multipoint locking, the maximum backset and the possible faceplate version are specified for initial guidance.

Select the ideal product depending on the required multipoint locking version on the basis of the sash rebate height and other technical features.

- Roto Safe H → *from page 42*
- Roto Safe C → *from page 70*
- Roto Safe A → *from page 106*
- Roto Safe E → *from page 120*
- Roto Safe P → *from page 144*

3. Selecting the frame components

On the basis of the required profile series and frame / leaf combination, select the AS series to determine the compatible frame components.

- PVC → *from page 199*
- Aluminium → *from page 215*



INFO

Timber profile systems

For compatible frame components for the different timber systems, see:

- Strikers → *from page 233*
- Striker plates → *from page 240*
- Striker strips → *from page 244*
- Lever-operated espagnolette → *from page 247*



INFO

Electrical door openers

Compatible electrical door openers (electrical openers) → *from page 275*

8.1 PVC

8.1.1 Aluplast









8.1.1.1 energeto neo

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	160 x 01	160 x 33	55	F16	AS204	→ <i>from page 252</i>	→ <i>from page 261</i>	–
				160 x 35	55	F16				
				170 x 39	45	F16				
			160 x 02	160 x 30	40	F16	AS204			
				160 x 33	55	F16				
				160 x 35	55	F16				
				170 x 39	45	F16				
			060 x 05	160 x 33	55	F16	AS204			
				160 x 35	55	F16				
			Double-leaved	SG	160 x 64	160 x 33	55			
	160 x 35	55				F16				
	160 x 66	160 x 33			55	F16	AS271			
		160 x 35			55	F16				









8.1.1.2 Ideal 2000

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	120 x 02	120 x 30	25	F16	AS203	→ <i>from page 252</i>	→ <i>from page 261</i>	–
				120 x 31	25	F16				
				120 x 33	45	F16				
				120 x 35	50	F16				
			120 x 03	120 x 30	25	F16	AS203			
				120 x 31	25	F16				
				120 x 33	45	F16				
				120 x 35	50	F16				
			120 x 18	120 x 31	25	F16	AS203			









8.1.1.3 Ideal 4000

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagno- lette
13	Single-leaved	SG	140 x 00	140 x 30	35	F16	AS204	→ from page 252	→ from page 261	-
				140 x 31	35	F16				
				140 x 32	35	F16				
				140 x 33	45	F16				
				140 x 35	45	F16				
			140 x 02	140 x 32	35	F16	AS204			
				140 x 33	45	F16				
				140 x 35	45	F16				
			140 x 03	140 x 30	35	F16	AS204			
				140 x 31	35	F16				
				140 x 32	35	F16				
				140 x 33	45	F16				
				140 x 35	45	F16				
			140 x 07	140 x 30	35	F16	AS204			
				140 x 32	35	F16				
				140 x 33	45	F16				
				140 x 38	35	F16				
				140 x 38	45	F16				
			140 x 08	140 x 34	35	F16	AS204			
	140 x 38	45		F16						
Double-leaved	SG	140 x 66	140 x 33	45	F16	AS271	→ from page 252	-	→ from page 263	
		140 x 69	140 x 33	45	F16					









8.1.1.4 Ideal 5000

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagno- lette
13	Single-leaved	CG	150 x 03	150 x 31	35	F16	AS204	→ from page 252	→ from page 261	-
				150 x 32	35	F16				

8.1.1.5 Ideal 7000









Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagno- lette
13	Single-leaved	SG	170 x 02	170 x 30	30	F16	AS204	→ from page 252	→ from page 261	-
				170 x 33	45	F16 / F24				
				170 x 35	45	F16 / F24				
				170 x 39	45	F16 / F24				
			170 x 03	170 x 30	30	F16	AS204			
				170 x 33	45	F16 / F24				
				170 x 35	45	F16 / F24				
				170 x 39	45	F16 / F24				

8.1.1.6 Ideal 8000









Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagno- lette
13	Single-leaved	CG	180 x 05	180 x 30	35	F16	AS204	→ from page 252	→ from page 261	-
				180 x 31	35	F16				

8.1.2 Brüggemann

8.1.2.1 BluEvolution 73

Profile system		Multipoint locking				Frame components		Strikers	Striker strips	Lever-operated espagnolette
										
13	Single-leaved	SG	HP1220	HP1730	35	F16	AS226	→ from page 252	→ from page 261	–
			HP1230	HP1540	35	F16	AS226			
			HP1730	35	F16					
20	Single-leaved	SG	HP1220	HP1550	55	F20	AS240	→ from page 252	→ from page 261	–
			HP1230	HP1550	55	F20	AS240			
				HP1560	55	F20				
			HP1240	HP1550	55	F20	AS240			
				HP1560	55	F20				









8.1.2.2 BluEvolution 82

Profile system		Multipoint locking				Frame components		Strikers	Striker strips	Lever-operated espagnolette
										
13	Single-leaved	SG	HO8020	HO8530	40	F16	AS226	→ from page 252	→ from page 261	–
				HO8540	40	F16				
				HP8550	55	F20				
				HP8560	55	F20				
			HO8030	HO8530	40	F16	AS226			
				HO8540	40	F16				
				HP8550	55	F20				
				HP8560	55	F20				
		CG	HO9020	HP8550	55	F20	AS226			
				HP8560	55	F20				
			HO9030	HO8580	55	F20	AS226			
Double-leaved	CG	HO9800	HO8530	40	F16	AS271	→ from page 252	–	→ from page 263	











8.1.3 Deceuninck









8.1.3.1 Elegant

Profile system		Multipoint locking					Frame components					
								Strikers	Striker strips	Lever-operated espagnolette		
13	Single-leaved	SG	5135	5116	45	F16	AS267	→ from page 252	→ from page 261	-		
				5713	40	F16						
				5140	5115	45	F16				AS267	
				5116	45	F16						
				5712	40	F16						
				5713	40	F16						
			5143	5116	45	F16	AS267					
				5713	40	F16						
			5145	5115	45	F16	AS267					
				5116	45	F16						
				5712	40	F16						
				5713	40	F16						
				CG	5101	5712	40				F16	AS267
					5713	45	F16					
					5111	5115	50				F16	AS267
						5116	50				F16	
						5151	35				F16	
						5152	35				F16	
				5712	40	F16						
				5713	45	F16						
			5135	5116	40	F16	AS267					
				5713	40	F16						
			5140	5115	45	F16	AS267					
				5712	40	F16						
		5145	5115	45	F16	AS267						
			5712	40	F16							
	Double-leaved	CG	5178	5115	50	F16	AS271	→ from page 252	-	→ from page 263		
				5116	50	F16						
			5179	5712	40	F16	AS271					
				5713	40	F16						

8.1.3.2 Arcade

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	L 7160	H 7140	45	F16	AS212	→ from page 252	→ from page 261	-
			LA 7160/D	HA 7130/D	50	F16	AS212			
			LA 7160	HA 7140	50	F16	AS212			

8.1.3.3 Eforte

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	LLE 684	HLE 384	45	F20	AS212	→ from page 252	→ from page 261	-
				HLE 484	45	F20				
				HLE 584	45	F20				
				TLE 384	HLE 384	45	F20			
	Double-leaved	SG	SZLE 184	HLE 384	45	F20	AS328	→ from page 252	-	→ from page 263

8.1.3.4 Zendow 3000

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	3000	3048	35	F16	AS267	→ from page 252	→ from page 261	-
				3068	35	F16				
			3001	3048	35	F16	AS267			
				3068	35	F16				
			3006	3048	35	F16	AS267			
				3068	35	F16				
	3008	3048	35	F16	AS267					
		3068	35	F16						
	Double-leaved	SG	3077	3049	40	F16	AS328	→ from page 258	-	→ from page 263

8.1.3.5 Zendow#neo









Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	5001	5048	40	F16	AS267	→ from page 252	→ from page 261	-
				5511	30	F16				
				5512	40	F16				
				5513	40	F16				
			5002	5511	30	F16	AS267			
				5512	40	F16				
	5513	40	F16							
		Double-leaved	SG	5536	5512	40	F16	AS271	→ from page 252	-
			3079	5049	40	F16	AS271			

8.1.4 Gealan









8.1.4.1 Linear

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	CG	7001	7082	45	F16	AS202	→ from page 252	→ from page 261	-
				7084	45	F16				
				7088	55	F16				
				7090	55	F16				
			7005	7082	45	F16	AS202			
				7084	45	F16				
				7088	55	F16				
				7090	55	F16				
	Double-leaved	CG	7060	7082	45	F16	AS271	→ from page 252	-	→ from page 263
				7084	45	F16				
			7088	55	F16					
			7090	55	F16					









8.1.4.2 S 3000

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	3008	3042	55	F16	AS202	→ from page 252	→ from page 261	-
				3076	55	F16				
				3081	55	F16				
			3009	3042	55	F16	AS202			
				3076	55	F16				
				3081	35	F16				
			3010	3042	55	F16	AS202			
				3076	55	F16				
				3081	35	F16				
	3011	3042	55	F16	AS202					
		3076	55	F16						
		3081	35	F16						
Double-leaved	SG	3080	3076	55	F16	AS202	→ from page 252	→ from page 261	-	
		3304	3076	55	F16	AS202				









8.1.4.3 S 7000 IQ

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	CG	7008	7076	55	F16	AS202	→ from page 252	→ from page 261	-
	Double-leaved	CG	7302	7076	55	F16	AS271	→ from page 252	-	→ from page 263

8.1.4.4 S 8000 IQ

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	5512	8003	25	F16	AS202	→ from page 252	→ from page 261	-
			8006	8081	35	F16	AS202			
			8011	8076	45	F16	AS202			
	Double-leaved	SG	8080	8076	55	F16	AS271	→ from page 252	-	→ from page 263

8.1.4.5 S 9000

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	CG	6016	6025	45	F16	AS202	→ from page 252	→ from page 261	-
	Double-leaved	CG	6020	6025	45	F16	AS271	→ from page 252	-	→ from page 263



8.1.5 KBE

8.1.5.1 70

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	370	373	35	F16	AS237	→ from page 252	→ from page 261	-
				378	55	F16				
				379	55	F16				
			371	378	55	F16	AS237			
				379	55	F16				

8.1.5.2 76

Profile system			Multipoint locking				Frame components				
								Strikers	Striker strips	Lever-operated espagnolette	
13	Single-leaved	SG	76101	76204	40	F16	AS237	→ from page 252	→ from page 261	-	
				76102	76204	40					F20
					76206	55					F20
			76303	76206	55	F20	AS237				
				76207	55	F20					
				CG	76172	76206					55
			76207		55	F20					
					76205	40	F16				
			76272	40	F16						
	Double-leaved	SG		76402	76206	55	F16	AS271	→ from page 252	-	→ from page 263
76207			55		F16						
CG			76472	76172	55	F20	AS271				

8.1.5.3 88









Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	CG	88172	88274	40	F16	AS237	→ from page 252	→ from page 261	-
	Double-leaved	CG	88472	88274	40	F16	AS328	→ from page 258	-	→ from page 263
				88276	55	F20				

8.1.5.4 AluNext









Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	85111	85211	55	F16	AS238	→ from page 252	-	-

8.1.6 Kömmerling









8.1.6.1 76

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette		
													
13	Single-leaved	SG	76101	76204	40	F16	AS237	→ from page 252	→ from page 261	-			
			76102	76204	40	F20	AS237						
			76206	55	F20								
			76303	76206	55	F20	AS237						
		76207	55	F20									
		CG	76172	76206	55	F20	AS237						
			76207	55	F20								
	76205		40	F16									
	Double-leaved	SG	76402	76206	55	F16	AS271				→ from page 252	-	→ from page 263
				76207	55	F16							
CG		76472	76172	55	F20	AS271							









8.1.6.2 88

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
13	Single-leaved	CG	88172	88274	40	F16	AS237	→ from page 252	→ from page 261	-	
	Double-leaved	CG	88472	88274	40	F16	AS328	→ from page 258	-	→ from page 263	
			88276	55	F20						









8.1.6.3 88 Plus

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
13	Single-leaved	CG	6202	6215	45	F16	AS298	→ from page 252	→ from page 261	-	

8.1.6.4 AluNext

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
13	Single-leaved	SG	85111	85211	55	F16	AS238	→ from page 252	-	-	

8.1.6.5 Eurofutur Classic

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
13	Single-leaved	SG	2502	2414	25	F16	AS213	→ from page 252	→ from page 261	-	
				2415	45	F16					
				2416	45	F16					
				CG	2601	2618	45				F16
	CG	2601	2618	45	F16	AS298	→ from page 252				→ from page 261



8.1.6.6 K-Vision

Profile system		Multipoint locking					Frame components				
									Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	2401	2416	45	F16	AS213	→ from page 252	→ from page 261	-	
			2402	2416	45	F16	AS213				
			2486	2415	45	F16	AS213				
			2487	2415	45	F16	AS213				
	Double-leaved	SG	2240	2416	45	F16	AS271	→ from page 252	-	→ from page 263	

8.1.7 Plus Plan

8.1.7.1 Plus Tec

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	BR76	FR85V	35	F16	AS238	→ from page 252	-	-
			FR99V	35	F16					
			FR105V	35	F16					
			FR119V	35	F16					

8.1.8 Profine










8.1.8.1 76

Profile system		Multipoint locking					Frame components				
								Strikers	Striker strips	Lever-operated espagnolette	
13	Single-leaved	SG	76101	76204	40	F16	AS237	→ from page 252	→ from page 261	-	
			76102	76204	40	F20	AS237				
				76206	55	F20					
			76303	76206	55	F20	AS237				
				76207	55	F20					
			CG	76172	76206	55	F20				AS237
				76207	55	F20					
				76205	40	F16					
	Double-leaved	SG	76402	76206	55	F16	AS271	→ from page 252	-	→ from page 263	
				76207	55	F16					
	CG	76472	76172	55	F20	AS271					

8.1.8.2 88









Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	CG	88172	88274	40	F16	AS237	→ from page 252	→ from page 261	-
	Double-leaved	CG	88472	88274	40	F16	AS328	→ from page 258	-	→ from page 263
			88276	55	F20					

8.1.8.3 AluNext









Profile system		Multipoint locking					Frame components				
									Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	85111	85211	55	F16	AS238	→ from page 252	–	–	

8.1.9 Rehau









8.1.9.1 S 730 Basic Design

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	541060	541130	45	F16	AS201	→ from page 252	→ from page 261	–
			541150	45	F16					
			541070	541130	45	F16	AS201			
			541150	45	F16					
			541120	541130	45	F16	AS201			
			541150	45	F16					
			541121	541130	45	F16	AS201			
			541150	45	F16					
554041	554081	25	F16	AS201						
554042	541170	25	F16	AS201						

8.1.9.2 S 799 Brillant Design

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	550000	551060	45	F16	AS201	→ from page 252	→ from page 261	–
			550170	45	F16 / F24					
			550510	45	F16					
			550005	550165	45	F16 / F24	AS201			
			550010	550160	45	F16	AS201			
			550170	45	F16 / F24					
			550685	550160	45	F16	AS201			
			550170	45	F16 / F24					
			550713	550160	45	F16	AS201			
			550730	55160	45	F16	AS201			
			550170	45	F16 / F24					
			550733	550160	45	F16	AS201			
			550170	45	F16 / F24					
			550780	550160	45	F16	AS201			
550170	45	F16 / F24								
Double-leaved	SG	550080	550160	45	F16	AS271	→ from page 252	–	→ from page 263	

8.1.9.3 S 969 Syngo

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	537015	537235	35	F16	AS445	→ from page 258	→ from page 262	–
			537305	55	F16					
			537315	35	F16					
			537315	35	F16					
	Double-leaved	SG	537455	537295	50	F16	AS271	→ from page 252	–	→ from page 263
537315	35	F16								



8.1.9.4 S 980 Geneo

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	CG	532015	532136	35	F16	AS445	→ from page 258	→ from page 262	-
			532305	532166	45	F24	AS445			
				532176	45	F16				
	Double-leaved	CG	530080	532136	35	F16	AS271	→ from page 252	-	→ from page 263

8.1.10 Roplasto

8.1.10.1 4K

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
13	Double-leaved	SG	253030	220400	45	F16	AS210	→ from page 252	-	-
				220600	45	F16				
				220700	45	F16				









8.1.11 Salamander

8.1.11.1 BluEvolution 92









Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	CG	170420	171030	45	F16	AS520	→ from page 258	→ from page 262	-
				171040	55	F20				
				371040	55	F20				
			170430	171030	45	F16	AS520			
				171040	55	F20				
				371040	55	F20				
	Double-leaved	CG	176020	171040	55	F20	AS271	→ from page 252	-	→ from page 263
				371040	55	F20				
				176030	171040	55				
371040	55	F20								



8.1.11.2 GreenEvolution 76









Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	760003	761008	40	F16	AS318	→ from page 258	-	-
			760011	761008	40	F16	AS318			
				761010	40	F16				
				761014	55	F16				
				761015	55	F16				
		CG	760003	761008	40	F16	AS318			
			760004	761014	55	F20	AS318			
			760011	761008	40	F16	AS318			
				761010	40	F16				
				761014	55	F20				
			760012	761008	40	F16	AS318			
				761010	40	F16				
				761014	55	F20				
				761015	55	F20				
			760021	761010	40	F16	AS318			

8.1.11.3 Streamline 76

Profile system			Multipoint locking				Frame components				
								Strikers	Striker strips	Lever-operated espagnolette	
13	Single-leaved	SG	250230	251040	55	F20	AS221	→ from page 252	→ from page 261	-	
				351040	55	F20					
			250240	251040	55	F20	AS221				
					351040	55	F20				
					351040	55	F20				

8.1.12 Schüco

8.1.12.1 Corona SI82

Profile system			Multipoint locking				Frame components								
								Strikers	Striker strips	Lever-operated espagnolette					
13	Single-leaved	CG	9161	8813	45	F16	AS203	→ from page 252	→ from page 261	-					
				9147	45	F16									
				9208	36	F16									
			9192	8813	45	F16	AS203								
				9147	45	F16									
				9208	35	F16									
			9207	8813	45	F16	AS203								
				9147	45	F16									
				9208	35	F16									
			Double-leaved	CG	8834	8813	45				F16	AS271	→ from page 252	-	→ from page 263



8.1.12.2 CT70

Profile system		Multipoint locking					Frame components				
								Strikers	Striker strips	Lever-operated espagnolette	
13	Single-leaved	SG	8819	8563	35	F16	AS203	→ from page 252	→ from page 261	-	
				8577	35	F16					
				8621	30	F16					
				9108	45	F16					
				9109	45	F16					
			8852	8583	35	F16	AS203				
			8864	9108	45	F16	AS203				
				9109	45	F16					
			8865	9108	45	F16	AS203				
				9109	45	F16					
			CG	9003	8563	35	F16				AS203
					8577	35	F16				
					8621	30	F16				
					9034	9108	45				
	9109	45			F16						

8.1.12.3 Living 82









Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	19421	19432	35	F16	AS203	→ from page 252	→ from page 261	-
				19433	45	F16 / F24				
				19452	35	F16				
				19453	45	F16 / F24				
			Double-leaved	SG	19472	19432	35			
19433	50	F16								

8.1.12.4 Living 82 Variant









Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	19490	19433	45	F16 / F24	AS203	→ from page 252	→ from page 261	-
			19490 / 19498	19433	45	F16 / F24	AS203			
			19491 / 19499	19433	45	F16 / F24	AS203			
			19497	19433	45	F16 / F24	AS203			

8.1.13 Trocal









8.1.13.1 76

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette		
													
13	Single-leaved	SG	76101	76204	40	F16	AS237	→ from page 252	→ from page 261	-			
			76102	76204	40	F20	AS237						
			76206	55	F20								
		CG	76303	76206	55	F20	AS237						
			76207	55	F20								
			76172	76206	55	F20	AS237						
			76207	55	F20								
	Double-leaved	SG	76402	76206	55	F16	AS271				→ from page 252	-	→ from page 263
				76207	55	F16							
		CG	76472	76172	55	F20	AS271						

8.1.13.2 88









Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette		
													
13	Single-leaved	CG	88172	88274	40	F16	AS237	→ from page 252	→ from page 261	-			
	Double-leaved	CG	88472	88274	40	F16	AS328				→ from page 258	-	→ from page 263
			88276	55	F20								

8.1.13.3 AluNext

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
13	Single-leaved	SG	85111	85211	55	F16	AS238	→ from page 252	-	-	

8.1.14 Veka

8.1.14.1 Alphaline 90

Profile system		Multipoint locking					Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
13	Single-leaved	CG	101.236	103.314	45	F16	AS226	→ from page 252	→ from page 261	-	
			101.237	103.314	45	F16	AS226				



8.1.14.2 Softline 58










Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	101.085	103.198	35	F16	AS226	→ from page 252	→ from page 261	-
			101.086	103.198	35	F16	AS226			
			101.111	103.198	35	F16	AS226			
				103.219	35	F16				
				103.196	35	F16	AS271			
		103.198	35	F16						
	Double-leaved	SG	102.196	103.196	35	F16	AS271	→ from page 252	-	→ from page 263
15.5	Single-leaved	SG	101.085	105.123	45	U24	AS215	→ from page 252	→ from page 261	-
				105.124	45	U24				
			105.086	105.123	45	U24	AS215			
				105.124	45	U24				
			101.094	105.123	45	U24	AS215			
				105.124	45	U24				
			101.111	105.123	45	U24	AS215			
				105.124	45	U24				

8.1.14.3 Softline 70










Profile system		Multipoint locking						Frame components						
								Strikers	Striker strips	Lever-operated espagnolette				
13	Single-leaved	SG	101.208	103.240	35	F16	AS226	→ from page 252	→ from page 261	-				
				103.241	35	F16								
				103.242	35	F16								
			101.214	103.240	35	F16	AS226							
				103.241	35	F16								
				103.242	35	F16								
			101.215	103.240	35	F16	AS226							
				103.241	35	F16								
				103.242	35	F16								
			101.246	103.242	35	F16	AS226							
			CG	101.276	103.279	45	F16				AS318	→ from page 258	-	-
					103.283	45	F16							
				1012.77	103.279	45	F16				AS318			
					103.283	45	F16							
				101.278	103.279	45	F16				AS318			
				103.283	45	F16								
101.280	103.279	45	F16	AS318										
	103.283	45	F16											
15.5	Single-leaved	SG	101.208	105.200	55	U24	AS215	→ from page 252	→ from page 261	-				
				105.232	55	U24								
				105.233	55	U24								
			101.214	105.200	55	U24	AS215							
				105.232	55	U24								
				105.233	55	U24								
			101.215	105.200	55	U24	AS215							
				105.232	55	U24								
				105.233	55	U24								



8.1.14.4 Softline 76

Profile system		Multipoint locking						Frame components			
									Strikers	Striker strips	Lever-operated espagnolette
13	Double-leaved	CG	101.351	103.385	40	F16	AS226	→ from page 252	→ from page 252	–	
15.5	Single-leaved	SG	101.354	105.400	55	U24	AS215	→ from page 252	→ from page 252	–	
		CG	101.350	105.400	55	U24	AS215	→ from page 252	→ from page 252	–	
	Double-leaved	CG	102.358	105.400	55	U24	AS215	→ from page 252	→ from page 252	–	

8.1.14.5 Softline 82

Profile system		Multipoint locking						Frame components			
									Strikers	Striker strips	Lever-operated espagnolette
13	Single-leaved	SG	101.293	103.346	40	F16	AS226	→ from page 252	→ from page 261	–	
	Double-leaved	SG	102.316	103.345	40	F16	AS271	→ from page 252	–	→ from page 263	
	Single-leaved	CG	101.290	103.345	40	F16	AS226	→ from page 252	→ from page 261	–	
				103.346	40	F16					
			101.291	103.345	40	F16	AS226				
				103.346	40	F16					
			101.292	103.345	40	F16	AS226				
				103.346	40	F16					
			101.294	103.345	40	F16	AS226				
	103.346	40	F16								
15.5	Single-leaved	SG	101.293	105.380	55	U24	AS215	→ from page 252	→ from page 261	–	
				105.381	55	U24					
			101.294	105.380	55	U24	AS215				
				105.381	55	U24					
				105.383	55	U24					
	Double-leaved	SG	102.236	105.232	50	U24	AS447	–	–	→ from page 263	
			102.316	105.380	55	U24	AS447				
			102.318	105.380	55	U24	AS447				
	Single-leaved	CG	101.290	105.380	55	U24	AS215	→ from page 252	→ from page 261	–	
				105.381	55	U24					
			101.291	105.380	55	U24	AS215				
				105.381	55	U24					
			101.292	105.380	55	U24	AS215				
				105.381	55	U24					
	101.294	105.380	55	U24	AS215						
Double-leaved	CG	102.316	105.380	50	U24	AS447	–	–	→ from page 263		





8.2 Aluminium

8.2.1 Akotherm

8.2.1.1 AT 730

Profile system		Multipoint locking			Frame components			Strikers	Striker strips	Lever-operated espagnolette
22	Single-leaved	Inward opening	2415	2417	35	U6x24	AS307	→ from page 267	→ from page 270	–

8.2.1.2 AT 730 HI-S

Profile system		Multipoint locking			Frame components			Strikers	Striker strips	Lever-operated espagnolette
48	Single-leaved	Outward opening	2426	2621	35	U6x24	AS307	→ from page 267	→ from page 270	–
			2427	2621	35	U6x24	AS307			



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.1.3 AT 740 SI

Profile system		Multipoint locking			Frame components			Strikers	Striker strips	Lever-operated espagnolette
22	Single-leaved	Inward opening	1418	1436	35	U6x24	AS307	→ from page 267	→ from page 270	–
			1425	1420	45	U6x24	AS307			
				1427	35	U6x24				
			1502	1436	35	U6x24	AS307			
53	Single-leaved	Outward opening	1426	1428	35	U6x24	AS307	→ from page 267	→ from page 270	–



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.2 Aliplast

8.2.2.1 Imperial 800

Profile system		Multipoint locking			Frame components			Strikers	Striker strips	Lever-operated espagnolette
22.5	Single-leaved	Inward opening	IP815	IP824	30	U6x24	AS515	→ from page 267	→ from page 270	–
44.5	Single-leaved	Outward opening	IP814	IP825	30	U6x24	AS515	→ from page 267	→ from page 267	–



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.2.2 Star 75

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	RS011	RS023	40	F20	AS567	→ from page 267	→ from page 270	–
		Outward opening	RS011	RS122	35	F20	AS567			
	Double-leaved	Inward opening	RS040	RS023	40	F20	AS567	→ from page 267	–	–
22	Double-leaved	Inward opening	RS455	RS424	30	U6x24	AS307	→ from page 267	–	–
44	Single-leaved	Inward opening	RS415	RS424	30	U6x24	AS515	→ from page 267	→ from page 270	–
		Outward opening	RS414	RS425	30	U6x24	AS515			
	Double-leaved	Outward opening	RS454	RS425	30	U6x24	AS307	→ from page 267	–	–



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.2.3 Superial 75

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
54.5	Single-leaved	Outward opening	SP825	SP814	30	U6x24	AS515	→ from page 267	→ from page 270	–



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.3 Alumil

8.2.3.1 M11000

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
20.9	Single-leaved	Inward opening	M11086	M11082	30	U6x24	AS307	→ from page 267	→ from page 270	–
				M11582	30	U6x24				

8.2.3.2 M11500

Profile system		Multipoint locking						Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
21	Single-leaved	Inward opening	M11586	M11082	30	U6x24	AS307	→ from page 267	→ from page 270	–
				M11582	30	U6x24				
				M11636	55	U6x24				



8.2.4 AluK

8.2.4.1 76 ID

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22	Single-leaved	Inward opening	K1710	K1772	35	U6x24	AS515	→ from page 267	→ from page 270	–
			K1762	K1772	35	U6x24				

8.2.4.2 So Easy

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
37.5	Single-leaved	Outward opening	P-B88-A1070	P-B88-A2070	40	U6x24	AS515	→ from page 267	→ from page 270	–
			P-B88-A1071	P-B88-A2070	40	U6x24	AS515			
			P-B88-A2070	P-B88-A2080	40	U6x24	AS515			
	Double-leaved	Outward opening	P-B88-A2380	P-B88-A2370	40	U6x24	AS515	→ from page 267	–	→ from page 270



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.4.3 Triton

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	P-03-A101	P-03-A203	30	F24	AS567	→ from page 267	→ from page 270	–
				P-03-A205	35	F24				
				P-03-A208	35	F24				
	Double-leaved	Inward opening	P-03-A400	P-03-A203	35	U6x24	AS567	→ from page 267	–	–
		P-03-A205		35	F24					
23	Single-leaved	Inward opening	P-03-124R2	P-03-224P1	35	U6x24	AS515	→ from page 267	→ from page 270	–
				P-03-224R2	35	U6x24				
				P-03-225R2	35	U6x24				
				P-03-A208	35	U6x24				
			P-03-125R2	P-03-224R2	35	U6x24	AS515			
		P-03-A208	35	U6x24						
49	Single-leaved	Outward opening	P-03-125R2	P-03-225P1	35	U6x24	AS515	→ from page 267	→ from page 270	–
				P-03-225R2	35	U6x24				
				P-03-426R2	P-03-225R2	35				












INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.










8.2.5 Alunovum

8.2.5.1 EL 8000










Profile system			Multipoint locking					Frame components			
									Strikers	Striker strips	Lever-operated espagnolette
14.5	Single-leaved	Inward opening	8061	8011	35	U6x24	AS515		→ from page 267	→ from page 270	–
23	Single-leaved	Inward opening	8001	8011	35	U6x24	AS515		→ from page 267	→ from page 270	–
			8002	8022	35	U6x24	AS515				
			8062	8022	35	U6x24	AS515				

8.2.6 Aluprof

8.2.6.1 MB-59S

Profile system			Multipoint locking					Frame components			
									Strikers	Striker strips	Lever-operated espagnolette
25	Single-leaved	Inward opening	K518154X	K518168X	35	U6x24	AS515		→ from page 267	→ from page 270	–

8.2.6.2 MB-70

Profile system			Multipoint locking					Frame components			
									Strikers	Striker strips	Lever-operated espagnolette
21.8	Single-leaved	Inward opening	K518105X	K518114X	35	U6x24	AS307		→ from page 267	→ from page 270	–
48.2	Single-leaved	Outward opening	K518106X	K518115X	35	U6x24	AS307		→ from page 267	→ from page 270	–
			K518114X	K518115X	35	U6x24	AS307				



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.



8.2.6.3 MB-86

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
23	Single-leaved	Inward opening	K518612X	K518740X	30	U6x24	AS515	→ from page 267	→ from page 270	–
				K518744X	35	U6x24				
				K518748X	35	U6x24				
			K518730X	K518740X	30	U6x24	AS515			
				K518744X	35	U6x24				
				K518748X	55	U6x24				
				K518758X	35	U6x24				
K518762X	35	U6x24								
45	Single-leaved	Outward opening	K518612X	K518742X	30	U6x24	AS515	→ from page 267	→ from page 270	–
				K518746X	35	U6x24				
				K518750X	55	U6x24				
54	Single-leaved	Outward opening	K518731X	K518742X	30	U6x24	AS515	→ from page 267	→ from page 270	–
				K518746X	35	U6x24				
				K518750X	55	U6x24				



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.6.4 MB-104

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22.5	Single-leaved	Inward opening	K519141X	K519161X	35	U6x24	AS515	→ from page 267	→ from page 270	–
				K519162X	55	U6x24				
				K519164X	35	U6x24				
				K519175X	35	U6x24				
72.6	Single-leaved	Outward opening	K519146X	K519171X	35	U6x24	AS515	→ from page 267	→ from page 270	–
				K519172X	55	U6x24				
				K519174X	35	U6x24				
				K519175X	35	U6x24				



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.7 Aluron

8.2.7.1 AS 75

Profile system			Multipoint locking					Frame components								
								Strikers	Striker strips	Lever-operated espagnolette						
22.4	Single-leaved	Inward opening	p2401	p2403	30	U6x24	AS515	→ from page 267	→ from page 270	–						
				p2431	35	U6x24										
				p2451	45	U6x24										
			p2405	p2403	30	U6x24	AS515									
				p2431	35	U6x24										
				p2451	45	U6x24										
			p2411	p2415	30	U6x24	AS515									
				p2435	35	U6x24										
			p2416	p2415	30	U6x24	AS515									
				p2436	p2435	35					U6x24	AS515				
			53	Double-leaved	Inward opening	p2403	p2404				30	U6x24	AS515	→ from page 267	–	→ from page 270
						p2431	p2432				35	U6x24	AS515			
p2451	p2452	45				U6x24	AS515									
53	Single-leaved	Outward opening	p2402	p2404	30	U6x24	AS515	→ from page 267	→ from page 270	–						
				p2432	35	U6x24										
				p2452	45	U6x24										
			p2406	p2404	30	U6x24	AS515									
				p2432	35	U6x24										
				p2452	45	U6x24										
			p2412	p2416	30	U6x24	AS515									
				p2436	35	U6x24										



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.8 Cortizo

8.2.8.1 COR 70

Profile system			Multipoint locking					Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	7937	7927	35	F20	AS567	→ from page 267	→ from page 270	–
	Double-leaved	Inward opening	7940	7927	35	F20	AS567	→ from page 267	–	–
		Outward opening	7940	7928	30	F20	AS567			

8.2.9 Feal

8.2.9.1 TERMO 65 VS

Profile system			Multipoint locking					Frame components		
								Strikers	Striker strips	Lever-operated espagnolette
17.4	Double-leaved	Inward opening	FT-0252	FT-0250	35	U6x24	AS515	→ from page 267	–	→ from page 270
				FT-0256	35	U6x24				
			FT-0254	FT-0250	35	U6x24	AS515			
				FT-0256	35	U6x24				



8.2.9.2 TERMO 85 VS

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
17.6	Single-leaved	Inward opening	FT-0571 F	FT-0561 F	35	U6x24	AS515	→ from page 267	→ from page 270	–
				FT-0562 F	35	U6x24				
			FT-0572 F	FT-0561 F	35	U6x24	AS515			
				FT-0562 F	35	U6x24				
22.2	Single-leaved	Inward opening	FT-0551 F	FT-0561 F	35	U6x24	AS515	→ from page 267	→ from page 270	–
				FT-0562 F	35	U6x24				
			FT-0552 F	FT-0561 F	35	U6x24	AS515			
				FT-0562 F	35	U6x24				

8.2.10 Gutmann

8.2.10.1 GWD 050n

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
25	Single-leaved	Inward opening	252102	252280	35	U6x24	AS515	→ from page 267	→ from page 270	–
			252180	252280	35	U6x24	AS515			
				252281	35	U6x24				
	Double-leaved	Inward opening	252281	252280	35	U6x24	AS515	→ from page 267	–	→ from page 270
			252302	252280	35	U6x24	AS515			
		252382	252281	35	U6x24	AS515				

8.2.10.2 GWD 070

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22.5	Single-leaved	Inward opening	270180	270280	35	U6x24	AS515	→ from page 267	→ from page 270	–
	Double-leaved	Inward opening	270281	270280	35	U6x24	AS515	→ from page 267	–	→ from page 270
			270302	270280	35	U6x24	AS515			
47.5	Single-leaved	Outward opening	270181	270281	35	U6x24	AS515	→ from page 267	→ from page 270	–
	Double-leaved	Outward opening	270385	270281	35	U6x24	AS515	→ from page 267	–	→ from page 270



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.10.3 GWD 080

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
40	Single-leaved	Outward opening	280180	280281	28	U6x24	AS515	→ from page 267	→ from page 270	–











INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.11 Heralo

8.2.11.1 D 65









Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
23	Single-leaved	Inward opening	9380	9381	35	U6x24	AS515	→ from page 267	→ from page 270	–
			9481	9380	35	U6x24	AS515			
	Double-leaved	Inward opening	9382	9381	35	U6x24	AS515	→ from page 267	–	→ from page 270
42	Single-leaved	Outward opening	9379	9382	35	U6x24	AS515	→ from page 267	→ from page 270	–
	Double-leaved	Outward opening	9381	9382	35	U6x24	AS515	→ from page 267	–	→ from page 270



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.11.2 D 72

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
23	Single-leaved	Inward opening	21080	19541	45	U6x24	AS515	→ from page 267	→ from page 270	–
				21071	55	U6x24				
				21081	35	U6x24				
				21681	35	U6x24				
			21680	21681	35	U6x24	AS515			
			21780	21755	45	U6x24	AS515			
			21880	21881	45	U6x24	AS515			
			29080	29081	35	U6x24	AS515			
			29560	21391	45	U6x24	AS515			
			29680	19241	45	U6x24	AS515			
			29681	45	U6x24					
49	Single-leaved	Outward opening	21079	21072	55	U6x24	AS515	→ from page 267	→ from page 270	–
				21682	35	U6x24				
				29582	35	U6x24				
			21782	21179	35	U6x24	AS515			
			21681	21682	35	U6x24	AS515			
Double-leaved	Outward opening	21681	21682	35	U6x24	AS515	→ from page 267	–	→ from page 270	



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.12 Hueck

8.2.12.1 DS 075

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
37.5	Single-leaved	Outward opening	852000	852202	45	U6x24	AS515	→ from page 267	→ from page 270	–



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.13 Ponzio

8.2.13.1 PE 68

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22.5	Single-leaved	Inward opening	6762	6764	35	U6x24	AS515	→ from page 267	→ from page 270	–
45	Single-leaved	Outward opening	6732	6765	35	U6x24	AS515	→ from page 267	→ from page 270	–
			6762	6765	35	U6x24	AS515			
	Double-leaved	Outward opening	6764	6765	35	U6x24	AS515	→ from page 267	–	→ from page 270



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.13.2 PE 78 N

Profile system		Multipoint locking					Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22.3	Single-leaved	Inward opening	7562	7564	35	U6x24	AS307	→ from page 267	→ from page 270	–
			7848	78PR66B	35	U6x24	AS515			
				78PR68B	35	U6x24				
			7862T	78PR66B	35	U6x24	AS515			
				78PR68B	35	U6x24				
			7874T	78PR66B	35	U6x24	AS515			
78PR68B	35	U6x24								
55.5	Single-leaved	Outward opening	7832T	78PR67B	35	U6x24	AS515	→ from page 267	→ from page 270	–
				78PR69B	35	U6x24				
			7848	78PR67B	35	U6x24	AS515			
				78PR69B	35	U6x24				
			7862ZT	78PR67B	35	U6x24	AS515			
				78PR69B	35	U6x24				











INFO









When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.14 Reynaers









8.2.14.1 CS 77

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	008.3183	008.3121	35	F20	AS567	→ from page 267	→ from page 270	–
22.5	Single-leaved	Inward opening	008.1898	008.2026	35	U6x24	AS515	→ from page 267	→ from page 270	–
			008.3125	008.2026	40	U6x24	AS515			

8.2.14.2 CS 86-HI









Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22.5	Single-leaved	Inward opening	108.0114	108.0326	35	U6x24	AS515	→ from page 267	→ from page 270	–
			108.0898	108.1023	35	U6x24	AS515			
			108.0898	108.1026	35	U6x24	AS515			

8.2.14.3 CS 104









Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22.5	Single-leaved	Inward opening	108.0898	208.0026	35	U6x24	AS515	→ from page 267	→ from page 270	–

8.2.15 Schüco

8.2.15.1 ADS 65 HD

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
22.5	Single-leaved	Inward opening	362080	396510	35	U6x24	AS515	→ from page 267	→ from page 270	–

8.2.15.2 ADS 75 SI

Profile system			Multipoint locking				Frame components			
								Strikers	Striker strips	Lever-operated espagnolette
21.8	Single-leaved	Inward opening	381870	381980	35	U6x24	AS515	→ from page 267	→ from page 270	–
22.5	Single-leaved	Inward opening	381850	381960	35	U6x24	AS515	→ from page 267	→ from page 270	–

8.2.16 Van Beveren

8.2.16.1 B70

Profile system			Multipoint locking				Frame components			
10	Single-leaved	Inward opening	N ^o	N ^o				Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	02.2332	02.2385	30	F20	AS567	→ from page 267	→ from page 270	–
				02.7069	30	F20				
			02.2333	02.2318	30	F20	AS567			
				02.2379	30	F20				
			02.2351	02.2318	30	F20	AS567			
				02.2379	30	F20				
				02.7069	30	F20				
			02.7041	02.2318	30	F20	AS567			
02.2379	30	F20								

8.2.16.2 B 85

Profile system			Multipoint locking				Frame components			
10	Single-leaved	Inward opening	N ^o	N ^o				Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	02.7084	02.7087	35	F20	AS567	→ from page 267	→ from page 270	–
				02.7142	35	F20				
			02.7093	02.7087	35	F20	AS567			

8.2.16.3 Ferro 99









Profile system			Multipoint locking				Frame components			
10	Single-leaved	Inward opening	N ^o	N ^o				Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	02.7117	02.7120	30	F20	AS567	→ from page 267	→ from page 270	–
				02.7127	02.7120	30	F20			
			02.7128	02.7122	30	F20				
				02.7122	30	F20	AS567			

8.2.16.4 Optima 70

Profile system			Multipoint locking				Frame components			
10	Single-leaved	Inward opening	N ^o	N ^o				Strikers	Striker strips	Lever-operated espagnolette
10	Single-leaved	Inward opening	02.7027	02.7052	30	F20	AS567	→ from page 267	→ from page 270	–
				02.7053	30	F20				
				02.7054	30	F20				
				02.7064	30	F20				
			02.7030	02.7052	30	F20	AS567			
				02.7053	30	F20				
				02.7054	30	F20				
			02.7060	02.7064	30	F20				
				02.7055	30	F20	AS567			

8.2.17 Yawal

8.2.17.1 TM68









Profile system			Multipoint locking				Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
21.6	Single-leaved	Inward opening	04.11065.x	04.24078.x	30	U6x24	AS515	→ from page 267	→ from page 270	–	
			04.11077.x	04.24078.x	30	U6x24	AS515				
			04.14067.x	04.24078.x	30	U6x24	AS515				
				04.24084.x	35	U6x24					
			04.31090.x	04.24078.x	30	U6x24	AS515				
04.31102.x	04.24078.x	30	U6x24	AS515							
25.2	Single-leaved	Inward opening	04.14074.x	04.24089.x	35	U6x24	AS515	→ from page 267	→ from page 270	–	
		Outward opening	04.14074.x	04.24103.x	35	U6x24	AS515				
40.6	Single-leaved	Outward opening	04.14053.x	04.24092.x	30	U6x24	AS515	→ from page 267	→ from page 270	–	
				04.24098.x	35	U6x24					
			04.24078.x	04.24092.x	30	U6x24	AS515				
			04.24084.x	04.24098.x	35	U6x24	AS515				
			04.82050.x	04.24092.x	30	U6x24	AS515				



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.

8.2.17.2 TM72

Profile system			Multipoint locking				Frame components		Strikers	Striker strips	Lever-operated espagnolette
											
21.8	Single-leaved	Inward opening	08.14067.x	08.24078.x	30	U6x24	AS515	→ from page 267	→ from page 270	–	
				08.24084.x	35	U6x24					
			08.24092.x	08.24078.x	30	U6x24	AS515				
				08.24084.x	35	U6x24	AS515				
	Double-leaved	Inward opening	08.31090.x	08.24078.x	30	U6x24	AS515	→ from page 267	–	→ from page 270	
52.6	Single-leaved	Outward opening	08.14053.x	08.24092.x	30	U6x24	AS515	→ from page 267	→ from page 270	–	
				08.24098.x	35	U6x24					



INFO

When using strikers in outward opening profile systems, a latch slide may need to be fitted.







Product overview

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----------	-----

Timber

Strikers	233
Striker plates	240
Striker strips	244
Lever-operated espagnolette	247

PVC

Strikers	251
Striker strips	259
Lever-operated espagnolette	263

Aluminium

Strikers	266
Striker strips	268
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Thresholds

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9 Frame components



Roto Safe frame components ensure that the door is closed effortlessly, securely and tightly.

The strikers and striker strips are adapted to the specific frame profiles made from timber, PVC and aluminium and the profile geometry, which means that they are ideal for simple, uncomplicated installation. If, however, adjustments are necessary, the Roto Safe frame components can be easily adapted.

As an alternative, lever-operated espagnolettes offer greater comfort: a central lever is used to lock and unlock the second opening leaf.

Compatible electrical door openers complete the range of Roto Safe frame components with options for convenient opening.

9.1 Product overview

Main lock	Strikers	Striker strips	Lever-operated espagnolette
Application range			
Min. SRH	1500	1500	1760
Max. SRH	3000	3000	3000
Faceplate versions			
Hardware axis	8.0 – 26.0	8.5 – 17.5	8.5 – 17.5
Flat faceplate (width)	24, 35, 45	24, 26, 45	45
U-shaped faceplate (width)	22, 24, 25, 26, 29, 32, 35	24, 26, 29, 35	24, 26, 29, 35
Surface			
Roto Sil	■	■	■
Stainless steel	□	□	□
Energy efficiency			
Adjustable gasket compression	■	■	■
Processing			
Extendable at the top	–	■	■
Extendable at the bottom	–	–	–

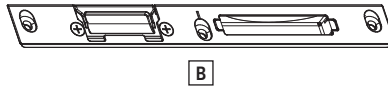
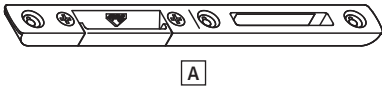
■ = Standard, □ = Optional



9.2 Timber

9.2.1 Strikers

9.2.1.1 Latch / deadbolt



Assignment	Meaning
[A]	Rebate depth \leq 20 mm INFO No system, hardware axis 13 mm In conjunction with a packer (included in the scope of delivery), can also be used in the following systems: <ul style="list-style-type: none"> ■ Euro-rebate and Euro-groove 7/8 ■ Rebate clearance 12 mm ■ Hardware axis 9 mm ■ Rebate depth 18 mm
[B]	Rebate depth \geq 24 mm

												Nº
-	4	9	18	Laterally adjustable	225	18	9	Roto Sil	Left	50 Piece(s)	259287	▣
			18	Laterally adjustable	225	18	9	Roto Sil	Right	50 Piece(s)	259288	▣
		10	20	Laterally adjustable	225	20	9	Roto Sil	Left	50 Piece(s)	259289	▣
			20	Laterally adjustable	225	20	9	Roto Sil	Right	50 Piece(s)	259290	▣
		13	24	Laterally adjustable	222	23.5	11	Roto Sil	Left	50 Piece(s)	628819	▣
			24	Laterally adjustable	222	23.5	11	Roto Sil	Right	50 Piece(s)	628820	▣
	12	15	29	Laterally adjustable	245	29	10	Roto Sil	Left	50 Piece(s)	635345	▣
			29	Laterally adjustable	245	29	10	Roto Sil	Right	50 Piece(s)	635346	▣
	Eurofalz	9	18	Laterally adjustable	220	18	9	Roto Sil	Left	50 Piece(s)	256031	▣
			18	Laterally adjustable	220	18	9	Roto Sil	Right	50 Piece(s)	256032	▣
		10	20	Laterally adjustable	220	20	9	Roto Sil	Left	50 Piece(s)	256033	▣
			20	Laterally adjustable	220	20	9	Roto Sil	Right	50 Piece(s)	256034	▣
13		24	Laterally adjustable	245	24	7	Roto Sil	Left	50 Piece(s)	606493	▣	
		24	Laterally adjustable	245	24	7	Roto Sil	Right	50 Piece(s)	606494	▣	
Euronut 7/8	9	18	Laterally adjustable	220	18	9	Roto Sil	Left	50 Piece(s)	256029	▣	
		18	Laterally adjustable	220	18	9	Roto Sil	Right	50 Piece(s)	256030	▣	
	10	20	Laterally adjustable	220	20	9	Roto Sil	Left	50 Piece(s)	259322	▣	
		20	Laterally adjustable	220	20	9	Roto Sil	Right	50 Piece(s)	259323	▣	



9.2.1.2 Electrical opener / deadbolt



INFO

No system, hardware axis 13 mm

In conjunction with a packer (included in the scope of delivery), can also be used in the following systems:

- Euro-rebate and Euro-groove 7/8
- Rebate clearance 12 mm
- Hardware axis 13 mm
- Rebate depth 24 mm

-	4	13	24	Laterally adjustable	222	23.5	11	No. 1	Roto Sil	Left	50 Piece(s)	628821
			24	Laterally adjustable	222	23.5	11	No. 1	Roto Sil	Right	50 Piece(s)	628822
	12	15	24	Laterally adjustable	245	24	7	No. 2	Roto Sil	Left	50 Piece(s)	635347
			24	Laterally adjustable	245	24	7	No. 2	Roto Sil	Right	50 Piece(s)	635348
Eurofalz	-	13	24	Laterally adjustable	245	24	7	No. 1	Roto Sil	Left	50 Piece(s)	606495
			24	Laterally adjustable	245	24	7	No. 1	Roto Sil	Right	50 Piece(s)	606496

Assignment	Compatible electrical openers
No. 1	Type 4RFR
No. 2	Type 3R, type 3RA, type 4RFR

Compatible electrical door openers (electrical openers) → *from page 275*





9.2.1.3 Combination (CB, CH, C, AH)

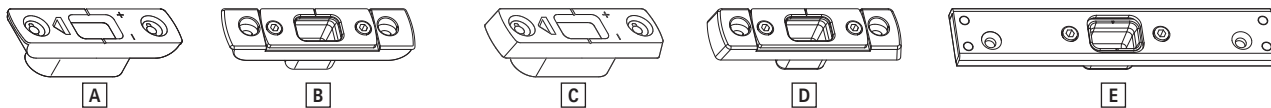


Assignment	Meaning
[A]	<p>No system, hardware axis 9 mm</p> <p>INFO In conjunction with a packer (included in the scope of delivery), can also be used in the following systems:</p> <ul style="list-style-type: none"> ■ Euro-rebate and Euro-groove 7/8 ■ Rebate clearance 12 mm ■ Hardware axis 9 mm ■ Rebate depth 18 mm
[B]	<p>No system, hardware axis 13 mm</p> <p>INFO In conjunction with a packer (included in the scope of delivery), can also be used in the following systems:</p> <ul style="list-style-type: none"> ■ Euro-rebate and Euro-groove 7/8 ■ Rebate clearance 12 mm ■ Hardware axis 13 mm ■ Rebate depth 24 mm
[C]	Euro-rebate and Euro-groove 7/8, hardware axis 10 mm
[D]	No system, hardware axis 15 mm

													Nº
-	4	9	18	Laterally adjustable	150	18	7	Roto Sil	-	50 Piece(s)	626972	<input type="checkbox"/>	
		13	24	Laterally adjustable	150	23.5	7	Roto Sil	-	50 Piece(s)	628818	<input type="checkbox"/>	
	12		24	Laterally adjustable	150	23.5	7	Roto Sil	-	50 Piece(s)	628823	<input type="checkbox"/>	
		15	29	Laterally adjustable	174	29	10	Roto Sil	-	50 Piece(s)	635349	<input type="checkbox"/>	
Eurofalz Euronut 7/8		10	20	Laterally adjustable	163	20	7	Roto Sil	-	50 Piece(s)	626973	<input type="checkbox"/>	



9.2.1.4 Bolt / shootbolt protrusion



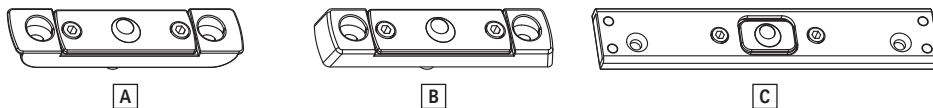
Assignment	Meaning
[A]	No system, not adjustable
[B]	No system, adjustable
[C]	Euro-rebate and Euro-groove 7/8, not adjustable
[D]	Euro-rebate, adjustable
[E]	Euro-rebate, adjustable, rebate depth 24 mm

												Nº	
-	4	9	18	-	Without casing	82	18	9	Roto Sil	-	50 Piece(s)	259318	
			18	-	With casing	82	18	22	Roto Sil	-	50 Piece(s)	259315	
			18	Laterally adjustable	Without casing	82	18	9	Roto Sil	-	50 Piece(s)	378967	
			18	Laterally adjustable	With casing	82	18	22	Roto Sil	-	50 Piece(s)	378963	
		10	20	-	Without casing	82	20	9	Roto Sil	-	50 Piece(s)	259319	
			20	-	With casing	82	20	22	Roto Sil	-	50 Piece(s)	243010	
			20	Laterally adjustable	Without casing	82	20	9	Roto Sil	-	50 Piece(s)	475590	
			20	Laterally adjustable	With casing	82	20	22	Roto Sil	-	50 Piece(s)	378956	
Eurofalz	12	9	18	-	Without casing	77	18	9	Roto Sil	-	50 Piece(s)	258325	
			18	-	With casing	77	18	22	Roto Sil	-	50 Piece(s)	258324	
			18	Laterally adjustable	Without casing	82	18	9	Roto Sil	-	50 Piece(s)	378978	
			18	Laterally adjustable	With casing	82	18	22	Roto Sil	-	50 Piece(s)	378974	
		10	20	-	Without casing	77	20	9	Roto Sil	-	50 Piece(s)	258327	
			20	-	With casing	77	20	22	Roto Sil	-	50 Piece(s)	258326	
			20	Laterally adjustable	With casing	82	20	22	Roto Sil	-	50 Piece(s)	378991	
		13	24	Laterally adjustable	With casing	132	24	7	Roto Sil	-	50 Piece(s)	606497	
			9	18	-	Without casing	77	18	9	Roto Sil	-	50 Piece(s)	258323
				18	-	With casing	77	18	22	Roto Sil	-	50 Piece(s)	258322
10	20	-		Without casing	77	20	9	Roto Sil	-	50 Piece(s)	259320		





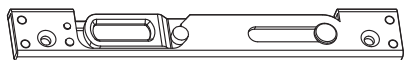
9.2.1.5 Magnet



Assignment	Meaning
[A]	No system
[B]	Euro-rebate and Euro-groove 7/8, rebate depth ≤ 20 mm
[C]	Euro-rebate and Euro-groove 7/8, rebate depth ≥ 24 mm

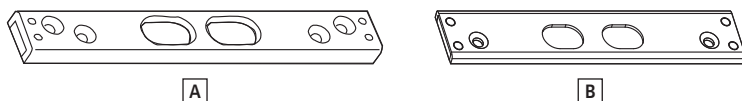
													N ^o
-	4	9	18	Laterally adjustable	82	18	9	Roto Sil	-	50 Piece(s)	391666	<input type="checkbox"/>	
			18	Laterally adjustable	82	20	9	Roto Sil	-	50 Piece(s)	391665	<input type="checkbox"/>	
		12	15	29	Laterally adjustable	132	29	7	Roto Sil	-	50 Piece(s)	635352	<input type="checkbox"/>
Eurofalz Euronut 7/8	12	9	18	Laterally adjustable	82	18	10	Roto Sil	-	50 Piece(s)	391667	<input type="checkbox"/>	
			20	Laterally adjustable	82	20	13	Roto Sil	-	50 Piece(s)	391668	<input type="checkbox"/>	
Eurofalz	12	13	24	Laterally adjustable	132	24	7	Roto Sil	-	50 Piece(s)	606501	<input type="checkbox"/>	
Euronut 7/8	12	13	24	Laterally adjustable	132	24	7	Roto Sil	-	50 Piece(s)	620774	<input type="checkbox"/>	

9.2.1.6 ID latch



													N ^o
Eurofalz	12	13	24	-	174	24	7	Roto Sil	Left	50 Piece(s)	606503	<input type="checkbox"/>	
			24	-	174	24	7	Roto Sil	Right	50 Piece(s)	606506	<input type="checkbox"/>	

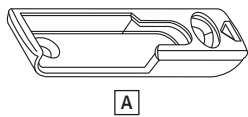
9.2.1.7 Hinge retaining mechanism



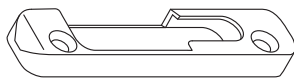
Assignment	Meaning
[A]	Rebate depth ≤ 20 mm
[B]	Rebate depth ≥ 24 mm

													N ^o
Eurofalz	12	9	18	-	123	18	7	Roto Sil	-	50 Piece(s)	281267	<input type="checkbox"/>	
			20	-	123	20	7	Roto Sil	-	50 Piece(s)	281268	<input type="checkbox"/>	
			24	-	132	24	7	Roto Sil	-	50 Piece(s)	606507	<input type="checkbox"/>	

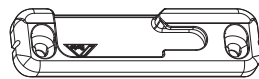
9.2.1.8 E cam / V cam



A



B



C

Assignment	Meaning
[A]	No system
[B]	Euro-rebate and Euro-groove 7/8, rebate depth ≤ 20 mm
[C]	Euro-rebate, rebate depth ≥ 24 mm

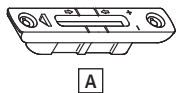
												Nº	
-	4	9	18	-	82	18	9	Roto Sil	Left	50 Piece(s)	289320	<input type="checkbox"/>	
			18	-	82	18	9	Roto Sil	Right	50 Piece(s)	289321	<input type="checkbox"/>	
		10	18	-	82	20	9	Roto Sil	Left	50 Piece(s)	289322	<input type="checkbox"/>	
			18	-	82	20	9	Roto Sil	Right	50 Piece(s)	289323	<input type="checkbox"/>	
Eurofalz	12	9	18	-	86.5	18	9	Roto Sil	Left	50 Piece(s)	260382	<input type="checkbox"/>	
			18	-	86.5	18	9	Roto Sil	Right	50 Piece(s)	260383	<input type="checkbox"/>	
		9	10	20	-	86.5	20	9	Roto Sil	Left	50 Piece(s)	260386	<input type="checkbox"/>
				20	-	86.5	20	9	Roto Sil	Right	50 Piece(s)	260387	<input type="checkbox"/>
		13	24	24	-	86.5	24	9	Roto Sil	Left	50 Piece(s)	261935	<input checked="" type="checkbox"/>
				24	-	86.5	24	9	Roto Sil	Right	50 Piece(s)	262930	<input checked="" type="checkbox"/>
Euronut 7/8	9	18	18	-	86.5	18	9	Roto Sil	Left	50 Piece(s)	260388	<input type="checkbox"/>	
			18	-	86.5	18	9	Roto Sil	Right	50 Piece(s)	260389	<input type="checkbox"/>	



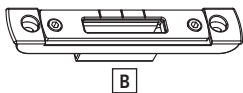
INFO

When the door is installed on the left-hand side, use the right-hand E / V cam striker, and vice versa.

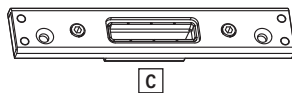
9.2.1.9 Hook



A



B



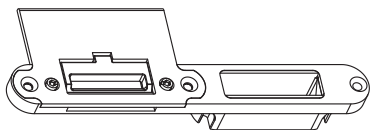
C

Assignment	Meaning
[A]	No system, not adjustable
[B]	No system, adjustable
[C]	Euro-rebate, adjustable

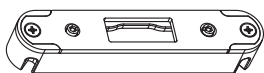
													Nº
-	4	9	18	-	With casing	115	18	23	Roto Sil	-	50 Piece(s)	259307	<input type="checkbox"/>
			18	Laterally adjustable	With casing	115	18	23	Roto Sil	-	50 Piece(s)	378960	<input type="checkbox"/>
		10	18	-	Without casing	115	20	23	Roto Sil	-	50 Piece(s)	259313	<input type="checkbox"/>
			18	-	With casing	115	20	23	Roto Sil	-	50 Piece(s)	259308	<input type="checkbox"/>
			18	Laterally adjustable	With casing	115	20	23	Roto Sil	-	50 Piece(s)	378952	<input type="checkbox"/>
Eurofalz	12	13	24	Laterally adjustable	With casing	132	24	7	Roto Sil	-	50 Piece(s)	606498	<input type="checkbox"/>



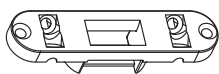
9.2.1.10 Flush doors



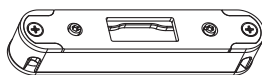
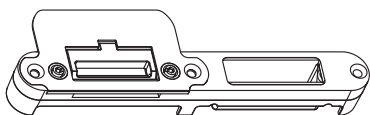
												Nº
Latch / deadbolt – LL 28	4	–	24	Laterally adjustable	Can be routed in	190	24	22.9	Roto Sil	–	50 Piece(s)	373293 <input type="checkbox"/>
Latch / deadbolt – LL 30	4	–	24	Laterally adjustable	Can be routed in	190	24	22.9	Roto Sil	–	50 Piece(s)	373291 <input type="checkbox"/>
Latch / deadbolt – LL 47	4	–	24	Laterally adjustable	Can be routed in	190	24	22.9	Roto Sil	–	50 Piece(s)	373290 <input type="checkbox"/>



												Nº
Hook	4	–	24	Laterally adjustable	Can be routed in	130	24	20.5	Roto Sil	–	50 Piece(s)	373294 <input type="checkbox"/>

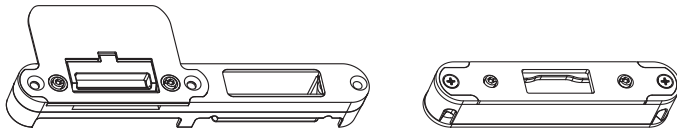


												Nº
Bolt	4	–	24	Laterally adjustable	Can be routed in	130	24	20.5	Roto Sil	–	50 Piece(s)	373295 <input type="checkbox"/>



										Nº
Renovation set – LL 38	Scope of delivery: 1x latch / deadbolt, 2x hooks								50 Piece(s)	383117 <input type="checkbox"/>

Latch / deadbolt – LL 38	4	–	24	Laterally adjustable	Can be routed in	190	24	22.9	Roto Sil	–	
Hook	4	–	24	Laterally adjustable	Can be routed in	130	24	22.9	Roto Sil	–	

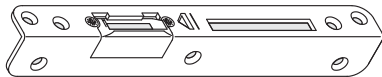


			Nº
Renovation set – LL 48	Scope of delivery: 1x latch / deadbolt, 2x hooks	50 Piece(s)	383116 <input type="checkbox"/>

Latch / deadbolt – LL 48	4	–	24	Laterally adjustable	Can be routed in	190	24	22.9	Roto Sil	–
Hook	4	–	24	Laterally adjustable	Can be routed in	130	24	22.9	Roto Sil	–

9.2.2 Striker plates

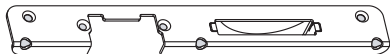
9.2.2.1 Latch / deadbolt



										Nº	
	–	4	9	Laterally adjustable	250	16.5	25	Roto Sil	Left	50 Piece(s)	259283 <input type="checkbox"/>
				Laterally adjustable	250	16.5	25	Roto Sil	Right	50 Piece(s)	259284 <input type="checkbox"/>
			10	Laterally adjustable	250	32	25	Roto Sil	Left	50 Piece(s)	243011 <input type="checkbox"/>
				Laterally adjustable	250	32	25	Roto Sil	Right	50 Piece(s)	243012 <input type="checkbox"/>
		12	Laterally adjustable	245	11	29	Roto Sil	Left	50 Piece(s)	443562 <input type="checkbox"/>	
			Laterally adjustable	245	11	29	Roto Sil	Right	50 Piece(s)	443563 <input type="checkbox"/>	
			13	Laterally adjustable	245	11	29	Roto Sil	Left	50 Piece(s)	450213 <input type="checkbox"/>
				Laterally adjustable	245	11	29	Roto Sil	Right	50 Piece(s)	450214 <input type="checkbox"/>
Eurofalz Euronut 7/8	12	9	Laterally adjustable	250	32	18	Roto Sil	Left	50 Piece(s)	255785 <input type="checkbox"/>	
			Laterally adjustable	250	32	18	Roto Sil	Right	50 Piece(s)	255776 <input type="checkbox"/>	
		10	Laterally adjustable	250	32	20	Roto Sil	Left	50 Piece(s)	255777 <input type="checkbox"/>	
			Laterally adjustable	250	32	20	Roto Sil	Right	50 Piece(s)	255778 <input type="checkbox"/>	



9.2.2.2 Electrical opener / deadbolt



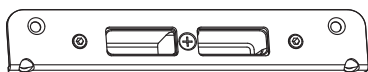
	-	4	9 10	Laterally adjustable	250	17	25	No. 1	Roto Sil	Left	50 Piece(s)	259285	<input type="checkbox"/>	
				Laterally adjustable	250	17	25	No. 1	Roto Sil	Right	50 Piece(s)	259286	<input type="checkbox"/>	
				Laterally adjustable	250	32	25	No. 1	Roto Sil	Left	50 Piece(s)	259281	<input type="checkbox"/>	
				Laterally adjustable	250	32	25	No. 1	Roto Sil	Right	50 Piece(s)	259282	<input type="checkbox"/>	
			12	Laterally adjustable	245	11	29	No. 2	Roto Sil	Left	50 Piece(s)	443564	<input type="checkbox"/>	
				Laterally adjustable	245	11	29	No. 2	Roto Sil	Right	50 Piece(s)	443565	<input type="checkbox"/>	
				13	Laterally adjustable	245	11	29	No. 3	Roto Sil	Left	50 Piece(s)	450219	<input type="checkbox"/>
					Laterally adjustable	245	11	29	No. 3	Roto Sil	Right	50 Piece(s)	450220	<input type="checkbox"/>
Eurofalz Euronut 7/8	12	9	Laterally adjustable	250	32	18	No. 1	Roto Sil	Left	50 Piece(s)	255779	<input type="checkbox"/>		
			Laterally adjustable	250	32	18	No. 1	Roto Sil	Right	50 Piece(s)	255780	<input type="checkbox"/>		
		10	Laterally adjustable	250	32	20	No. 1	Roto Sil	Left	50 Piece(s)	255781	<input type="checkbox"/>		
			Laterally adjustable	250	32	20	No. 1	Roto Sil	Right	50 Piece(s)	255782	<input type="checkbox"/>		

Assignment	Compatible electrical openers
No. 1	Type 2
No. 2	Type 2, type 3R, type 3RA
No. 3	Type 2, type 3R, type 3RA, type 4RFR

Compatible electrical door openers (electrical openers) → *from page 275*



9.2.2.3 Combination (CB, CH, C, AH)



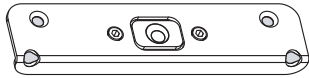
-	4	12	Laterally adjustable	174	11	29	Roto Sil	-	50 Piece(s)	609983	<input type="checkbox"/>	
		13	Laterally adjustable	174	11	29	Roto Sil	-	50 Piece(s)	609982	<input type="checkbox"/>	

9.2.2.4 Bolt



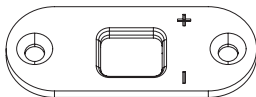
-	4	13	Laterally adjustable	132	11	29	Roto Sil	-	50 Piece(s)	450001	<input type="checkbox"/>	

9.2.2.5 Magnet



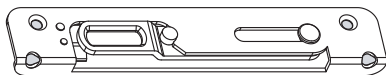
										Nº
-	4	13	Laterally adjustable	132	11	29	Roto Sil	-	50 Piece(s)	492901 <input type="checkbox"/>

9.2.2.6 Shootbolt protrusion



											Nº
-	4	9	22	-	57	3	22	Roto Sil	-	50 Piece(s)	447026 <input type="checkbox"/>

9.2.2.7 ID latch



										Nº
-	4	12	-	174	11	29	Roto Sil	Left	50 Piece(s)	443567 <input type="checkbox"/>
			-	174	11	29	Roto Sil	Right	50 Piece(s)	443568 <input type="checkbox"/>
		13	-	174	11	29	Roto Sil	Left	50 Piece(s)	378111 <input type="checkbox"/>
			-	174	11	29	Roto Sil	Right	50 Piece(s)	378112 <input type="checkbox"/>

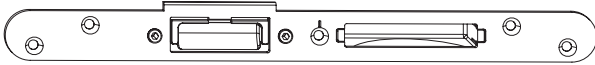
9.2.2.8 Hinge retaining mechanism



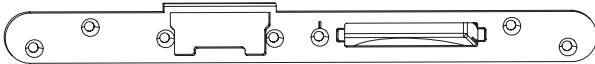
										Nº
-	4	9 10	-	120	3	25	Roto Sil	-	50 Piece(s)	281265 <input type="checkbox"/>



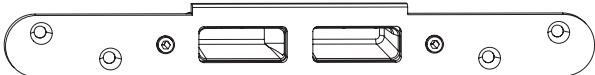
9.2.2.9 Flush doors



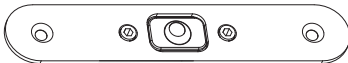
												Nº
Latch / deadbolt	4	16	28	Laterally adjustable	Can be routed in	245	24	2	Stainless steel	Left	50 Piece(s)	765152 <input type="checkbox"/>
	4	16	28	Laterally adjustable	Can be routed in	245	24	2	Stainless steel	Right	50 Piece(s)	765153 <input type="checkbox"/>



												Nº
Electrical opener / deadbolt	4	16	28	Laterally adjustable	Can be routed in	245	24	2	Stainless steel	Left	50 Piece(s)	764720 <input type="checkbox"/>
	4	16	28	Laterally adjustable	Can be routed in	245	24	2	Stainless steel	Right	50 Piece(s)	764721 <input type="checkbox"/>



												Nº
Combination	4	16	28	Laterally adjustable	Can be routed in	174	24	2	Stainless steel	Left	50 Piece(s)	764722 <input type="checkbox"/>



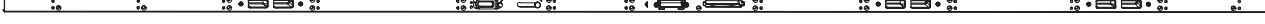



												Nº
Magnet	4	16	28	Laterally adjustable	Can be routed in	132	24	2	Stainless steel	-	50 Piece(s)	735356 <input type="checkbox"/>



9.2.3 Striker strips

The following striker strip versions are available.

Versions
 2 additional lockings (2CB, 2CH, 2C, 2AH)
 2 additional lockings (2CB, 2CH, 2C, 2AH) + ID latch
 3 additional lockings (3CB, 3CH, 3C) + ID latch
 4 additional lockings (4CB, 4CH, 4C)



INFO

All latch / deadbolt frame components can be converted into electrical opener / deadbolt frame components by removing the replaceable part.



INFO

Not all of the variants shown here are available for all profile systems.

Profile system	Rebate clearance	Hardware axis	Rebate depth	Electrical opener	Profile series
-	12.0 mm	13.0 mm	24.0 mm	Type 4RFR	AS436 → <i>from page 246</i>
			29.0 mm	Type 3R, type 3RA, type 4RFR	AS325 → <i>from page 246</i>
			35.0 mm	Type 3R, type 3RA, type 4RFR	AS361 → <i>from page 246</i>
		15.0 mm	29.0 mm	Type 3R, type 3RA, type 4RFR	AS299 → <i>from page 246</i>

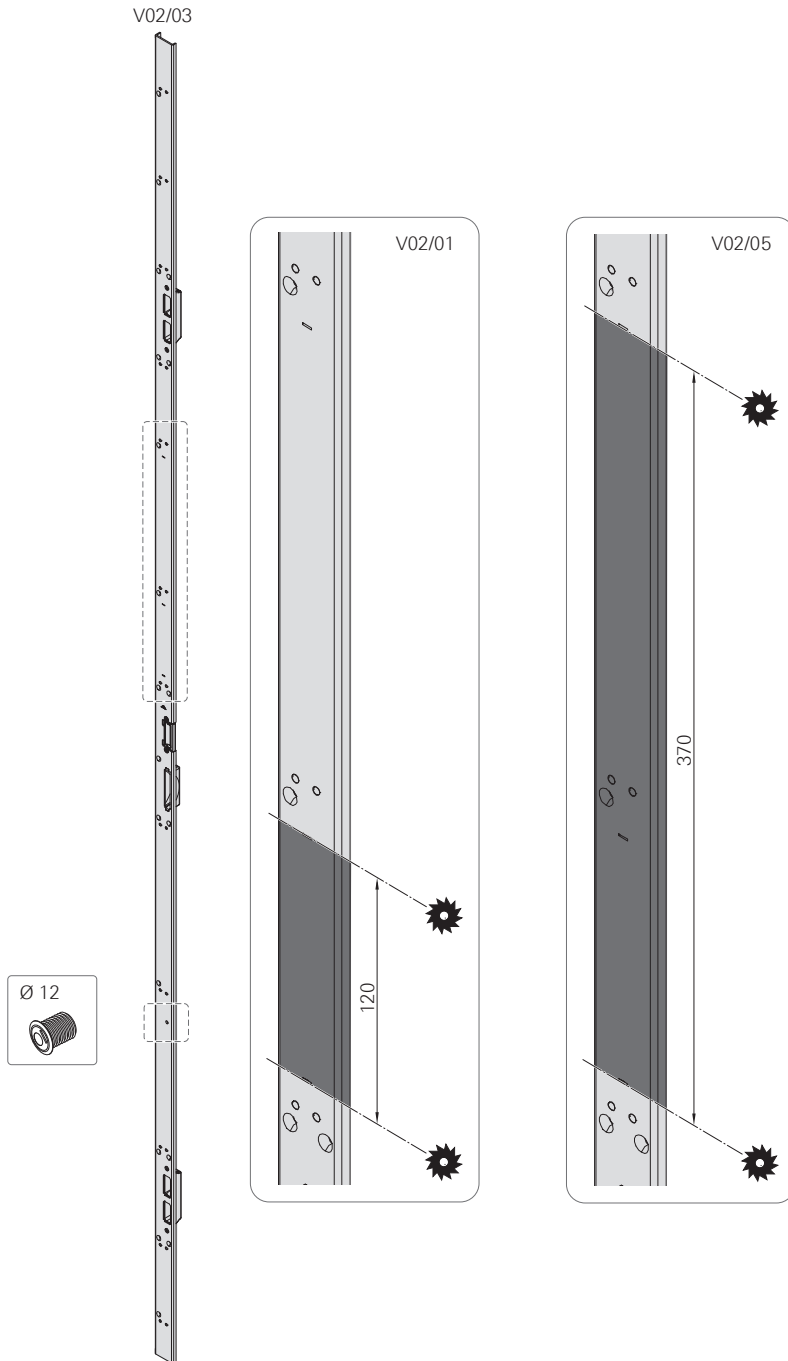
Compatible electrical door openers (electrical openers) → *from page 275*



Variable striker strips

Striker strips with locking pattern V02/03 are adaptable. The variable striker strip can be machined to adapt it to locking pattern V02/01 or V02/05.

The diagram below shows the individual markings where the striker strip can be adapted.



INFO

The magnetic contact is required for the Roto Safe E | E610 – Eneo CC and E611 – Eneo CF multipoint lockings.

9.2.3.1 AS 2XX

AS299	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01 V02/05	2230	U29	Roto Sil	Left	10 Piece(s)	860856 <input checked="" type="checkbox"/>
	-1		V02/03	V02/01 V02/05	2230	U29	Roto Sil	Right	10 Piece(s)	860857 <input checked="" type="checkbox"/>
	-1		V02/07	-	2430	U29	Roto Sil	Left	10 Piece(s)	860858 <input checked="" type="checkbox"/>
	-1		V02/07	-	2430	U29	Roto Sil	Right	10 Piece(s)	860859 <input checked="" type="checkbox"/>
	-1	3 additional lockings (3CB, 3CH, 3C) + ID latch	V08/17	-	2230	U29	Roto Sil	Left	10 Piece(s)	860860 <input type="checkbox"/>
	-1		V08/17	-	2230	U29	Roto Sil	Right	10 Piece(s)	860861 <input type="checkbox"/>
	-1	4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U29	Roto Sil	Left	10 Piece(s)	860862 <input type="checkbox"/>
	-1		V08/17	-	2230	U29	Roto Sil	Right	10 Piece(s)	860863 <input type="checkbox"/>

9.2.3.2 AS 3XX

AS325	-	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01 V02/05	2230	U29	Roto Sil	Left	10 Piece(s)	2009048 <input type="checkbox"/>
	-		V02/03	V02/01 V02/05	2230	U29	Roto Sil	Right	10 Piece(s)	2009059 <input type="checkbox"/>
	-		V02/07	-	2430	U29	Roto Sil	Left	10 Piece(s)	2009062 <input checked="" type="checkbox"/>
	-		V02/07	-	2430	U29	Roto Sil	Right	10 Piece(s)	2009063 <input type="checkbox"/>
	-	4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U29	Roto Sil	Left	10 Piece(s)	2009066 <input type="checkbox"/>
	-		V08/17	-	2230	U29	Roto Sil	Right	10 Piece(s)	2009067 <input type="checkbox"/>
AS361	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01 V02/05	2230	U35	Roto Sil	Left	10 Piece(s)	2027343 <input checked="" type="checkbox"/>
	-1		V02/03	V02/01 V02/05	2230	U35	Roto Sil	Right	10 Piece(s)	2027344 <input checked="" type="checkbox"/>
	-1		V02/07	-	2430	U35	Roto Sil	Left	10 Piece(s)	2027345 <input checked="" type="checkbox"/>
	-1		V02/07	-	2430	U35	Roto Sil	Right	10 Piece(s)	2027346 <input checked="" type="checkbox"/>

9.2.3.3 AS 4XX


AS436	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01 V02/05	2230	U24	Roto Sil	Left	10 Piece(s)	860896 <input checked="" type="checkbox"/>
	-1		V02/03	V02/01 V02/05	2230	U24	Roto Sil	Right	10 Piece(s)	860897 <input checked="" type="checkbox"/>
	-1	2 additional lockings (2CB, 2CH, 2C, 2AH) + ID latch	V02/17	-	2230	U24	Roto Sil	Left	10 Piece(s)	860898 <input type="checkbox"/>
	-1		V02/17	-	2230	U24	Roto Sil	Right	10 Piece(s)	860899 <input type="checkbox"/>



9.2.4 Lever-operated espagnolette

The following lever-operated espagnolette versions are available.


4 additional lockings (4E, 4V)




Lever-operated espagnolette

Details → 7.3.1 “4 additional lockings (4E, 4V)” from page 177


2 additional lockings (2CB, 2CH, 2C, 2AH)



Lever-operated espagnolette



Connector components



Extensions

INFO

Required for multipoint lockings with 3 additional lockings – couplable (3CB, 3CH, 3C, 3AH).

Details → 7.3.2 “2 additional lockings (2CB, 2CH, 2C, 2AH)” from page 179



INFO

All latch / deadbolt frame components can be converted into electrical opener / deadbolt frame components by removing the replaceable part.



INFO

Choose the left / right version of the lever-operated espagnolette depending on the DIN direction of the first opening leaf.



INFO

Other versions are available upon request.

2 additional lockings (2CB, 2CH, 2C, 2AH)


Profile system	Rebate clearance	Hardware axis	Rebate depth	Profile series
–	12.0 mm	13.0 mm	29.0 mm	AS325
Euro-rebate		15.0 mm	29.0 mm	AS299
Euro-groove 7/8				












Frame components

Timber

Lever-operated espagnolette

9.2.4.1 4 additional lockings (4E, 4V)



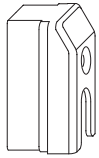
										
1935 – 2135	4 additional lockings (4E, 4V)	V22/25	1925	200	–	N16	Roto Sil	–	10 Piece(s)	633302 <input checked="" type="checkbox"/>
			1929	200	–	N16	Roto Sil	–	10 Piece(s)	765688 <input type="checkbox"/>



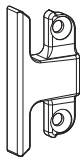
INFO

Detailed dimensional drawing of the lever-operated espagnolette or the double-leaved doors. → *from page 335*

Locking components



		
V cam	Roto Sil	260359 <input checked="" type="checkbox"/>




		
Screw-on striker for lever-operated espagnolette (variable handle height)	Roto Sil	339395 <input checked="" type="checkbox"/>



9.2.4.2 2 additional lockings (2CB, 2CH, 2C, 2AH)

9.2.4.2.1 Lever-operated espagnolette



											Nº
AS325	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	2230	350	20	U29	Roto Sil	Left	5 Piece(s)	772915	<input checked="" type="checkbox"/>
		V02/03	2230	350	20	U29	Roto Sil	Right	5 Piece(s)	772916	<input checked="" type="checkbox"/>
		V02/05	1930	300	20	U29	Roto Sil	Left	5 Piece(s)	770273	<input type="checkbox"/>
		V02/05	1930	300	20	U29	Roto Sil	Right	5 Piece(s)	770274	<input type="checkbox"/>
		V02/07	2530	420	20	U29	Roto Sil	Left	5 Piece(s)	798900	<input checked="" type="checkbox"/>
		V02/07	2530	420	20	U29	Roto Sil	Right	5 Piece(s)	798901	<input checked="" type="checkbox"/>
AS299		V02/01	2230	470	20	U29	Roto Sil	Left	5 Piece(s)	808500	<input type="checkbox"/>
		V02/01	2230	470	20	U29	Roto Sil	Right	5 Piece(s)	808501	<input type="checkbox"/>
		V02/03	2230	350	20	U29	Roto Sil	Left	5 Piece(s)	808502	<input checked="" type="checkbox"/>
		V02/03	2230	350	20	U29	Roto Sil	Right	5 Piece(s)	808503	<input checked="" type="checkbox"/>
		V02/05	1930	300	20	U29	Roto Sil	Left	5 Piece(s)	808504	<input type="checkbox"/>
		V02/05	1930	300	20	U29	Roto Sil	Right	5 Piece(s)	808505	<input type="checkbox"/>
		V02/07	2530	420	20	U29	Roto Sil	Left	5 Piece(s)	808506	<input checked="" type="checkbox"/>
		V02/07	2530	420	20	U29	Roto Sil	Right	5 Piece(s)	808507	<input checked="" type="checkbox"/>



INFO

Detailed dimensional drawing of the lever-operated espagnolette and/or the double-leafed doors. → *from page 336*

9.2.4.2.2 Connector components



										Nº	
AS325	Connector component	–	132	–	20	U29	Roto Sil	Left	50 Piece(s)	499744	<input checked="" type="checkbox"/>
		–	132	–	20	U29	Roto Sil	Right	50 Piece(s)	499785	<input checked="" type="checkbox"/>
AS299		–	132	–	20	U29	Roto Sil	Left	50 Piece(s)	808508	<input checked="" type="checkbox"/>
		–	132	–	20	U29	Roto Sil	Right	50 Piece(s)	808509	<input checked="" type="checkbox"/>



9.2.4.2.3 Extensions

With locking point



										N°
AS325	Extension	-	468	162	-	U29	Roto Sil	Left	1 Piece(s)	735150
			468	162	-	U29	Roto Sil	Right	1 Piece(s)	735151
			768	162	-	U29	Roto Sil	Left	1 Piece(s)	735152
			768	162	-	U29	Roto Sil	Right	1 Piece(s)	735153
AS299	Extension	-	468	162	-	U29	Roto Sil	Left	1 Piece(s)	808510
			468	162	-	U29	Roto Sil	Right	1 Piece(s)	808511
			768	162	-	U29	Roto Sil	Left	1 Piece(s)	808512
			768	162	-	U29	Roto Sil	Right	1 Piece(s)	808513

Without locking point



										N°
AS299	Extension	-	468	162	-	U29	Roto Sil	Left	1 Piece(s)	808514
			468	162	-	U29	Roto Sil	Right	1 Piece(s)	808515
			768	162	-	U29	Roto Sil	Left	1 Piece(s)	808516
			768	162	-	U29	Roto Sil	Right	1 Piece(s)	808517





9.3 PVC






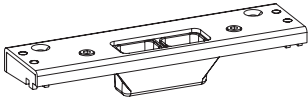
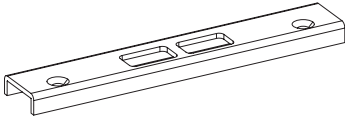



9.3.1 Strikers



INFO

Frame components are profile-specific. Overview of profile systems → *from page 198*

The following striker versions are available.

Latch / deadbolt		Electrical opener / deadbolt	Combination (CB, CH, C, AH)
			
Adjustable		Adjustable	Adjustable
Bolt	Magnet	Shootbolt protrusion	
		Top / frame profile  Adjustable	
Adjustable	Adjustable	Bottom / threshold  Adjustable / not adjustable Compatible shootbolt protrusion strikers for thresholds → <i>from page 273</i>	
ID latch	Hinge retaining mechanism		E cam / V cam
			
Not adjustable	Not adjustable		Not adjustable



INFO

Not all of the variants shown here are available for all profile systems.

On a main door, differing tolerances (e.g. gaskets, film coatings, etc.) may cause the gasket compression between the door frame and door leaf to be too low or too high. This makes the door difficult to use.








To ensure optimal door operation, in addition to the existing strikers with neutral gasket compression, strikers with reduced or increased gasket compression are also available.

The strikers and their profile series are marked as follows:

-X mm	-	+X mm
Reduced gasket compression	Neutral gasket compression	Increased gasket compression

9.3.1.1 AS 2XX

AS 20X

 №							Nº
AS201	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390659 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390660 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390667 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390668 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609860 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390670 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	349224 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	349226 <input checked="" type="checkbox"/>
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	349222 <input type="checkbox"/>
	-		-	Roto Sil	Right	50 Piece(s)	349223 <input type="checkbox"/>
	-	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	390671 <input checked="" type="checkbox"/>
	-2	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390962 <input type="checkbox"/>
	-2		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390963 <input type="checkbox"/>
	-2	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390964 <input type="checkbox"/>
-2	Laterally adjustable		Roto Sil	Right	50 Piece(s)	390965 <input type="checkbox"/>	
-2	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609892 <input type="checkbox"/>	
AS202	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390674 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390675 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390678 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390679 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609861 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390681 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	349245 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	349247 <input checked="" type="checkbox"/>
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	349243 <input type="checkbox"/>
	-		-	Roto Sil	Right	50 Piece(s)	349244 <input type="checkbox"/>
	-	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	443514 <input checked="" type="checkbox"/>
	-	V cam	-	Roto Sil	-	50 Piece(s)	260393 <input checked="" type="checkbox"/>





							Nº
AS203	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390684 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390685 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390690 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390691 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609862 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390695 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	349270 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	349272 <input checked="" type="checkbox"/>
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	349268 <input type="checkbox"/>
	-		-	Roto Sil	Right	50 Piece(s)	349269 <input type="checkbox"/>
	-	V cam	-	Roto Sil	-	50 Piece(s)	260395 <input checked="" type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	822245 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	822246 <input checked="" type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	822247 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	822248 <input checked="" type="checkbox"/>
	-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	822243 <input checked="" type="checkbox"/>
	-2	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	389262 <input type="checkbox"/>
	-2		Laterally adjustable	Roto Sil	Right	50 Piece(s)	389264 <input type="checkbox"/>
	-2	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	807599 <input type="checkbox"/>
	-2		Laterally adjustable	Roto Sil	Right	50 Piece(s)	807600 <input type="checkbox"/>
-2	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	807601 <input type="checkbox"/>	
AS204	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390699 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390700 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390705 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390706 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609863 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390710 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	349298 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	349300 <input checked="" type="checkbox"/>
	-	V cam	-	Roto Sil	-	50 Piece(s)	257357 <input checked="" type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810280 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	810281 <input checked="" type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810282 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	810283 <input checked="" type="checkbox"/>
	-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	810284 <input checked="" type="checkbox"/>



AS 21X

							Nº
AS210	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390744 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390745 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390748 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390749 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609875 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390751 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	349374 <input type="checkbox"/>

							Nº
AS212	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390754 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390755 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390758 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390759 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609876 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390761 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	350596 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	350518 <input checked="" type="checkbox"/>
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	350594 <input type="checkbox"/>
	-		-	Roto Sil	Right	50 Piece(s)	350595 <input type="checkbox"/>
	-	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	390762 <input checked="" type="checkbox"/>
	-	V cam	-	Roto Sil	-	50 Piece(s)	260394 <input checked="" type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	443462 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	443463 <input checked="" type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	819373 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	819374 <input checked="" type="checkbox"/>
-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	819375 <input checked="" type="checkbox"/>	
AS213	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390765 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390766 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390769 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390770 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609877 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390772 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	635497 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	350538 <input checked="" type="checkbox"/>
	-	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	390774 <input checked="" type="checkbox"/>
-	V cam	-	Roto Sil	-	50 Piece(s)	258303 <input checked="" type="checkbox"/>	
AS215	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390779 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390780 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390783 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390784 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609879 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390786 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	350571 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	633260 <input checked="" type="checkbox"/>
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	473382 <input type="checkbox"/>
	-		-	Roto Sil	Right	50 Piece(s)	473383 <input type="checkbox"/>
	-	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	350566 <input checked="" type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	445548 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	445549 <input checked="" type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	445552 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	445553 <input checked="" type="checkbox"/>
	-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	822257 <input checked="" type="checkbox"/>
	-2.5	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390885 <input type="checkbox"/>
	-2.5		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390886 <input type="checkbox"/>
-2.5	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390887 <input type="checkbox"/>	
-2.5		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390888 <input type="checkbox"/>	
-2.5	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609885 <input type="checkbox"/>	












AS 22X








							Nº	
AS221	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390819 <input checked="" type="checkbox"/>	
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390820 <input checked="" type="checkbox"/>	
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390823 <input checked="" type="checkbox"/>	
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390824 <input checked="" type="checkbox"/>	
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609881 <input checked="" type="checkbox"/>	
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390826 <input checked="" type="checkbox"/>	
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	351516 <input checked="" type="checkbox"/>	
	-	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	390827 <input checked="" type="checkbox"/>	
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810326 <input checked="" type="checkbox"/>	
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	810327 <input checked="" type="checkbox"/>	
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810328 <input checked="" type="checkbox"/>	
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	810329 <input checked="" type="checkbox"/>	
	-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	810330 <input checked="" type="checkbox"/>	
	AS226	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390853 <input checked="" type="checkbox"/>
		-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390854 <input checked="" type="checkbox"/>
-		Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390857 <input checked="" type="checkbox"/>	
-			Laterally adjustable	Roto Sil	Right	50 Piece(s)	390858 <input checked="" type="checkbox"/>	
-		Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609883 <input checked="" type="checkbox"/>	
-		Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390860 <input checked="" type="checkbox"/>	
-		Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	635487 <input type="checkbox"/>	
-		ID latch	-	Roto Sil	Left	50 Piece(s)	635488 <input type="checkbox"/>	
-			-	Roto Sil	Right	50 Piece(s)	635489 <input type="checkbox"/>	
-		Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	780800 <input checked="" type="checkbox"/>	
-		V cam	-	Roto Sil	-	50 Piece(s)	260396 <input checked="" type="checkbox"/>	
-1		Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810332 <input checked="" type="checkbox"/>	
-1			Laterally adjustable	Roto Sil	Right	50 Piece(s)	810333 <input checked="" type="checkbox"/>	
-1		Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810334 <input checked="" type="checkbox"/>	
-1			Laterally adjustable	Roto Sil	Right	50 Piece(s)	810335 <input checked="" type="checkbox"/>	
-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	810336 <input checked="" type="checkbox"/>		



AS 23X

							Nº
AS237	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390900 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390901 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	788269 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	788270 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609887 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390904 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	635343 <input type="checkbox"/>
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	635485 <input type="checkbox"/>
	-		-	Roto Sil	Right	50 Piece(s)	635486 <input type="checkbox"/>
	-	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	766113 <input checked="" type="checkbox"/>
	-0.5	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390802 <input type="checkbox"/>
	-0.5		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390794 <input type="checkbox"/>
	-0.5	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390797 <input type="checkbox"/>
	-0.5		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390798 <input type="checkbox"/>
	-0.5	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609880 <input type="checkbox"/>
	-0.5	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	390804 <input type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	822250 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	822249 <input checked="" type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	776828 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	776829 <input checked="" type="checkbox"/>
-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	776830 <input checked="" type="checkbox"/>	
-1	Hinge retaining mechanism	-	Roto Sil	-	50 Piece(s)	776849 <input checked="" type="checkbox"/>	
AS238	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390907 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390908 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390911 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390912 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609888 <input checked="" type="checkbox"/>
	-	V cam	-	Roto Sil	-	50 Piece(s)	264327 <input type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	2007096 <input type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	2007097 <input type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	2007098 <input type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	2007139 <input type="checkbox"/>
-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	2007141 <input checked="" type="checkbox"/>	

AS 24X

							Nº
AS240	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390955 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390956 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390957 <input checked="" type="checkbox"/>
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	390958 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609890 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390959 <input checked="" type="checkbox"/>



AS 26X

							Nº
AS267	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390984 <input checked="" type="checkbox"/>
			Laterally adjustable	Roto Sil	Right	50 Piece(s)	390985 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	390987 <input checked="" type="checkbox"/>
			Laterally adjustable	Roto Sil	Right	50 Piece(s)	390988 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609893 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	390992 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	775454 <input type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	809841 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	809842 <input checked="" type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	809843 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	809844 <input checked="" type="checkbox"/>
	-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	809846 <input checked="" type="checkbox"/>

AS 27X



















							Nº
AS271	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	442055 <input checked="" type="checkbox"/>
			Laterally adjustable	Roto Sil	Right	50 Piece(s)	442056 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	442057 <input checked="" type="checkbox"/>
			Laterally adjustable	Roto Sil	Right	50 Piece(s)	442058 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	609894 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	392615 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	635502 <input type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	613367 <input checked="" type="checkbox"/>
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	567986 <input type="checkbox"/>
	-		-	Roto Sil	Right	50 Piece(s)	567987 <input type="checkbox"/>
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810338 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	810339 <input checked="" type="checkbox"/>
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	810340 <input checked="" type="checkbox"/>
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	810341 <input checked="" type="checkbox"/>
-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	810342 <input checked="" type="checkbox"/>	
























AS 29X

							Nº
AS298	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	388285 <input checked="" type="checkbox"/>
			Laterally adjustable	Roto Sil	Right	50 Piece(s)	388286 <input checked="" type="checkbox"/>
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	388287 <input checked="" type="checkbox"/>
			Laterally adjustable	Roto Sil	Right	50 Piece(s)	388288 <input checked="" type="checkbox"/>
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	625035 <input checked="" type="checkbox"/>
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	388289 <input checked="" type="checkbox"/>
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	635499 <input checked="" type="checkbox"/>
	-	Shootbolt protrusion	Laterally adjustable	Roto Sil	-	50 Piece(s)	635498 <input checked="" type="checkbox"/>














9.3.1.2 AS 3XX

							Nº
AS318	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	451376 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	451377 
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	451381 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	451382 
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	896719 
AS328	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	478494 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	478555 
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	478556 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	478557 
	-0.5		Laterally adjustable	Roto Sil	Left	50 Piece(s)	816959 
	-0.5		Laterally adjustable	Roto Sil	Right	50 Piece(s)	816960 

9.3.1.3 AS 4XX

							Nº
AS445	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	616445 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	616446 
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	616447 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	616448 
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	629821 
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	616449 
	-	Magnet	Laterally adjustable	Roto Sil	-	50 Piece(s)	616451 
	-	ID latch	-	Roto Sil	Left	50 Piece(s)	616452 
	-		-	Roto Sil	Right	50 Piece(s)	616453 
	-1	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	822253 
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	822254 
	-1	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	822255 
	-1		Laterally adjustable	Roto Sil	Right	50 Piece(s)	822256 
-1	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	822251 	

9.3.1.4 AS 5XX

							Nº
AS520	-	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	740785 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	740786 
	-	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	740787 
	-		Laterally adjustable	Roto Sil	Right	50 Piece(s)	740788 
	-	Combination	Laterally adjustable	Roto Sil	-	50 Piece(s)	740789 
	-	Bolt	Laterally adjustable	Roto Sil	-	50 Piece(s)	740790 






9.3.2 Striker strips



INFO

Frame components are profile-specific. Overview of profile systems → *from page 198*

The following striker strip versions are available.

Versions
 2 additional lockings (2CB, 2CH, 2C, 2AH)
 2 additional lockings (2CB, 2CH, 2C, 2AH) + ID latch
 4 additional lockings (4CB, 4CH, 4C)



INFO

All latch / deadbolt frame components can be converted into electrical opener / deadbolt frame components by removing the replaceable part.



INFO

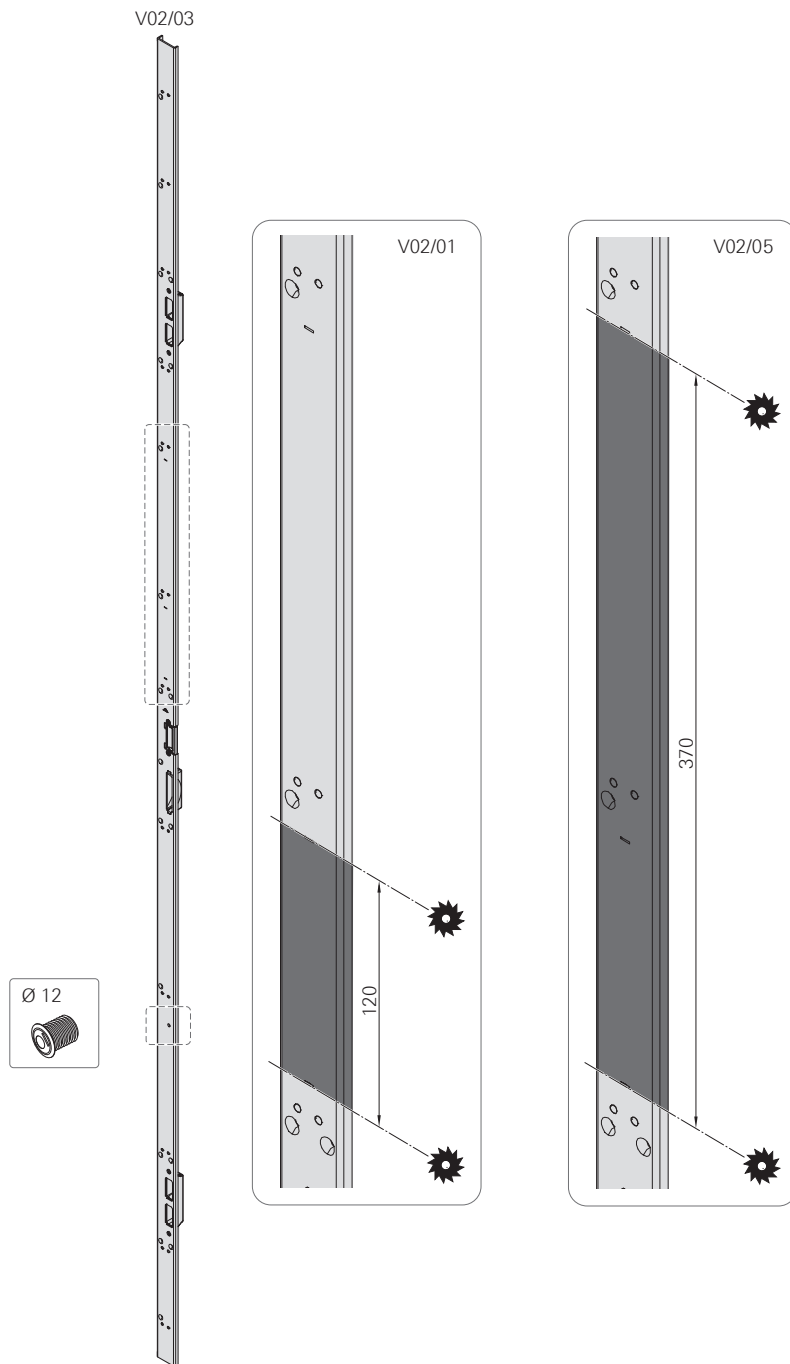
Not all of the variants shown here are available for all profile systems.



Variable striker strips

Striker strips with locking pattern V02/03 are adaptable. The variable striker strip can be machined to adapt it to locking pattern V02/01 or V02/05.

The diagram below shows the individual markings where the striker strip can be adapted.



INFO

The magnetic contact is required for the Roto Safe E | E610 – Eneo CC and E611 – Eneo CF multipoint lockings.



9.3.2.1 AS 2XX

											No			
AS201	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)		V02/03	V02/01 V02/05	2230	U35	Roto Sil	Left	10 Piece(s)	860766 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Right	10 Piece(s)	860767 <input checked="" type="checkbox"/>			
AS202	-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Left	10 Piece(s)	860770 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Right	10 Piece(s)	860771 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U35	Roto Sil	Left	10 Piece(s)	860772 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U35	Roto Sil	Right	10 Piece(s)	860773 <input checked="" type="checkbox"/>			
	-1			4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U35	Roto Sil	Left	10 Piece(s)	860944 <input type="checkbox"/>		
	-1				V08/17	-	2230	U35	Roto Sil	Right	10 Piece(s)	860945 <input type="checkbox"/>		
AS203	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)		V02/03	V02/01 V02/05	2230	U29	Roto Sil	Left	10 Piece(s)	860778 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U29	Roto Sil	Right	10 Piece(s)	860779 <input checked="" type="checkbox"/>			
	-1	4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U29	Roto Sil	Left	10 Piece(s)	860780 <input type="checkbox"/>				
	-1		V08/17	-	2230	U29	Roto Sil	Right	10 Piece(s)	860781 <input type="checkbox"/>				
AS204	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)		V02/03	V02/01 V02/05	2230	U29	Roto Sil	Left	10 Piece(s)	860784 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U29	Roto Sil	Right	10 Piece(s)	860785 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U29	Roto Sil	Left	10 Piece(s)	860786 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U29	Roto Sil	Right	10 Piece(s)	860787 <input checked="" type="checkbox"/>			
AS212	-1			V02/03	V02/01 V02/05	2230	U29	Roto Sil	Left	10 Piece(s)	860792 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U29	Roto Sil	Right	10 Piece(s)	860793 <input checked="" type="checkbox"/>			
	-1			4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U29	Roto Sil	Left	10 Piece(s)	860794 <input type="checkbox"/>		
	-1				V08/17	-	2230	U29	Roto Sil	Right	10 Piece(s)	860795 <input type="checkbox"/>		
AS213	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)		V02/03	V02/01 V02/05	2230	U35	Roto Sil	Left	10 Piece(s)	860798 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Right	10 Piece(s)	860799 <input checked="" type="checkbox"/>			
AS215	-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Left	10 Piece(s)	860802 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Right	10 Piece(s)	860803 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U35	Roto Sil	Left	10 Piece(s)	860804 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U35	Roto Sil	Right	10 Piece(s)	860805 <input checked="" type="checkbox"/>			
	-1			2 additional lockings (2CB, 2CH, 2C, 2AH) + ID latch	V02/17	-	2230	U35	Roto Sil	Left	10 Piece(s)	860808 <input type="checkbox"/>		
	-1				V02/17	-	2230	U35	Roto Sil	Right	10 Piece(s)	860809 <input type="checkbox"/>		
	-1			4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U35	Roto Sil	Left	10 Piece(s)	860806 <input type="checkbox"/>		
	-1				V08/17	-	2230	U35	Roto Sil	Right	10 Piece(s)	860807 <input type="checkbox"/>		
	AS221			-1	2 additional lockings (2CB, 2CH, 2C, 2AH)		V02/03	V02/01 V02/05	2230	U35	Roto Sil	Left	10 Piece(s)	860814 <input checked="" type="checkbox"/>
				-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Right	10 Piece(s)	860815 <input checked="" type="checkbox"/>
-1		4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U35	Roto Sil	Left	10 Piece(s)	860816 <input type="checkbox"/>				
-1			V08/17	-	2230	U35	Roto Sil	Right	10 Piece(s)	860817 <input type="checkbox"/>				
AS226	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)		V02/03	V02/01 V02/05	2230	U35	Roto Sil	Left	10 Piece(s)	860818 <input checked="" type="checkbox"/>			
	-1			V02/03	V02/01 V02/05	2230	U35	Roto Sil	Right	10 Piece(s)	860819 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U35	Roto Sil	Left	10 Piece(s)	860820 <input checked="" type="checkbox"/>			
	-1			V02/07	-	2430	U35	Roto Sil	Right	10 Piece(s)	860821 <input checked="" type="checkbox"/>			
	-1			4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U35	Roto Sil	Left	10 Piece(s)	860822 <input type="checkbox"/>		
	-1				V08/17	-	2230	U35	Roto Sil	Right	10 Piece(s)	860823 <input type="checkbox"/>		



Frame components

PVC

Striker strips

AS237	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01	2230	U35	Roto Sil	Left	10 Piece(s)	860828 <input checked="" type="checkbox"/>
	-1			V02/05				Right		860829 <input checked="" type="checkbox"/>
	-1	4 additional lockings (4CB, 4CH, 4C)	V08/17	-	2230	U35	Roto Sil	Left	10 Piece(s)	860832 <input type="checkbox"/>
	-1			-				Right		860833 <input type="checkbox"/>
	-1			-				Left		860830 <input checked="" type="checkbox"/>
	-1			-				Right		860831 <input checked="" type="checkbox"/>
AS267	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01	2230	U29	Roto Sil	Left	10 Piece(s)	2027351 <input checked="" type="checkbox"/>
	-1			V02/05				Right		2027352 <input checked="" type="checkbox"/>
AS298	-1		V02/03	V02/01	2230	U29	Roto Sil	Left	10 Piece(s)	860848 <input checked="" type="checkbox"/>
	-1			V02/05				Right		860849 <input checked="" type="checkbox"/>
	-1			-				Left		860850 <input checked="" type="checkbox"/>
	-1			-				Right		860851 <input checked="" type="checkbox"/>

9.3.2.2 AS 4XX

AS445	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01	2230	U29	Roto Sil	Left	10 Piece(s)	860910 <input checked="" type="checkbox"/>
	-1			V02/05				Right		860911 <input checked="" type="checkbox"/>

9.3.2.3 AS 5XX

AS520	-1	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01	2230	U35	Roto Sil	Left	10 Piece(s)	860932 <input checked="" type="checkbox"/>
	-1			V02/05				Right		860933 <input checked="" type="checkbox"/>
	-1		V02/07	-	2430	U35	Roto Sil	Left	10 Piece(s)	860934 <input checked="" type="checkbox"/>
	-1			-				Right		860935 <input checked="" type="checkbox"/>



9.3.3 Lever-operated espagnolette



INFO

Frame components are profile-specific. Overview of profile systems → *from page 198*

The following lever-operated espagnolette versions are available.

4 additional lockings (4E, 4V)



Lever-operated espagnolette

Details → 7.3.1 “4 additional lockings (4E, 4V)” from page 177

2 additional lockings (2CB, 2CH, 2C, 2AH)



Lever-operated espagnolette



Connector components



Extensions



INFO

Required for multipoint lockings with 3 additional lockings – couplable (3CB, 3CH, 3C, 3AH).



Details → 7.3.2 “2 additional lockings (2CB, 2CH, 2C, 2AH)” from page 179



INFO

All latch / deadbolt frame components can be converted into electrical opener / deadbolt frame components by removing the replaceable part.



INFO


Choose the left / right version of the lever-operated espagnolette depending on the DIN direction of the first opening leaf.



INFO

Other versions are available upon request.

9.3.3.1 4 additional lockings (4E, 4V)



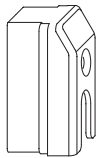
1935 – 2135	4 additional lockings (4E, 4V)	V22/25	1925	200	–	N16	Roto Sil	–	10 Piece(s)	633302 <input checked="" type="checkbox"/>
			1929	200	–	N16	Roto Sil	–	10 Piece(s)	765688 <input type="checkbox"/>



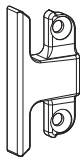
INFO

Detailed dimensional drawing of the lever-operated espagnolette or the double-leaved doors. → *from page 335*

Locking components



V cam	Roto Sil	260359 <input checked="" type="checkbox"/>




Screw-on striker for lever-operated espagnolette (variable handle height)	Roto Sil	339395 <input checked="" type="checkbox"/>



9.3.3.2 2 additional lockings (2CB, 2CH, 2C, 2AH)

9.3.3.2.1 Lever-operated espagnolette



											N°
AS271	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/01	2230	470	20	U29	Roto Sil	Left	5 Piece(s)	770263	<input type="checkbox"/>
		V02/01	2230	470	20	U29	Roto Sil	Right	5 Piece(s)	770264	<input type="checkbox"/>
		V02/03	2230	350	20	U29	Roto Sil	Left	5 Piece(s)	770062	<input checked="" type="checkbox"/>
		V02/03	2230	350	20	U29	Roto Sil	Right	5 Piece(s)	770063	<input checked="" type="checkbox"/>
		V02/05	1930	300	20	U29	Roto Sil	Left	5 Piece(s)	770235	<input type="checkbox"/>
		V02/05	1930	300	20	U29	Roto Sil	Right	5 Piece(s)	770236	<input type="checkbox"/>
		V02/07	2530	420	20	U29	Roto Sil	Left	5 Piece(s)	770112	<input checked="" type="checkbox"/>
		V02/07	2530	420	20	U29	Roto Sil	Right	5 Piece(s)	770113	<input checked="" type="checkbox"/>
AS328		V02/03	2230	350	20	U29	Roto Sil	Left	5 Piece(s)	766727	<input type="checkbox"/>
		V02/03	2230	350	20	U29	Roto Sil	Right	5 Piece(s)	766729	<input type="checkbox"/>
AS447		V02/01	2230	470	20	U35	Roto Sil	Left	5 Piece(s)	821465	<input type="checkbox"/>
		V02/01	2230	470	20	U35	Roto Sil	Right	5 Piece(s)	821466	<input type="checkbox"/>
		V02/03	2230	350	20	U35	Roto Sil	Left	5 Piece(s)	811503	<input checked="" type="checkbox"/>
		V02/03	2230	350	20	U35	Roto Sil	Right	5 Piece(s)	811504	<input checked="" type="checkbox"/>
		V02/05	1930	300	20	U35	Roto Sil	Left	5 Piece(s)	811501	<input type="checkbox"/>
		V02/05	1930	300	20	U35	Roto Sil	Right	5 Piece(s)	811502	<input type="checkbox"/>
		V02/07	2430	420	20	U35	Roto Sil	Left	5 Piece(s)	811545	<input checked="" type="checkbox"/>
		V02/07	2430	420	20	U35	Roto Sil	Right	5 Piece(s)	811546	<input checked="" type="checkbox"/>

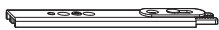


INFO

Detailed dimensional drawing of the lever-operated espagnolette and/or the double-leafed doors. → from page 336



9.3.3.2.2 Connector components



										N°	
AS271	Connector component	-	132	-	20	U29	Roto Sil	Left	50 Piece(s)	493802	<input checked="" type="checkbox"/>
		-	132	-	20	U29	Roto Sil	Right	50 Piece(s)	493803	<input checked="" type="checkbox"/>
AS328		-	132	-	20	U29	Roto Sil	Left	50 Piece(s)	766730	<input type="checkbox"/>
		-	132	-	20	U29	Roto Sil	Right	50 Piece(s)	766731	<input type="checkbox"/>
AS447		-	132	-	20	U35	Roto Sil	Left	50 Piece(s)	779895	<input checked="" type="checkbox"/>
		-	132	-	20	U35	Roto Sil	Right	50 Piece(s)	779896	<input checked="" type="checkbox"/>

9.3.3.2.3 Extensions



										N°	
AS271	Extension	-	468	162	-	U29	Roto Sil	Left	1 Piece(s)	634804	<input checked="" type="checkbox"/>
		-	468	162	-	U29	Roto Sil	Right	1 Piece(s)	634805	<input checked="" type="checkbox"/>

9.4 Aluminium

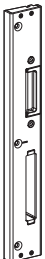

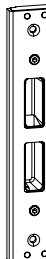
9.4.1 Strikers



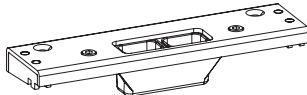
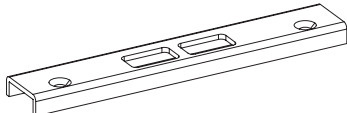


INFO

Frame components are profile-specific. Overview of profile systems → *from page 198*

The following striker versions are available.

Latch / deadbolt	Electrical opener / deadbolt	Combination (CB, CH, C, AH)
		
Adjustable	Adjustable	Adjustable

Bolt	Magnet	Shootbolt protrusion
		<p>Top / frame profile</p>  <p>Adjustable</p> <hr/> <p>Bottom / threshold</p>  <p>Adjustable / not adjustable</p> <p>Compatible shootbolt protrusion strikers for thresholds → <i>from page 273</i></p>
Adjustable	Adjustable	

ID latch	Latch / deadbolt (for latch slide)
	
Not adjustable	Adjustable



INFO

Not all of the variants shown here are available for all profile systems.



9.4.1.1 AS 3XX

						No
AS307	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	449827 <input checked="" type="checkbox"/>
		Laterally adjustable	Roto Sil	Right	50 Piece(s)	449828 <input checked="" type="checkbox"/>
	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	449829 <input checked="" type="checkbox"/>
		Laterally adjustable	Roto Sil	Right	50 Piece(s)	449830 <input checked="" type="checkbox"/>
	Combination	Laterally adjustable	Roto Sil	–	50 Piece(s)	633448 <input checked="" type="checkbox"/>
	Bolt	Laterally adjustable	Roto Sil	–	50 Piece(s)	449831 <input checked="" type="checkbox"/>
	Magnet	Laterally adjustable	Roto Sil	–	50 Piece(s)	478334 <input type="checkbox"/>
	ID latch	–	Roto Sil	Left	50 Piece(s)	536462 <input type="checkbox"/>
		–	Roto Sil	Right	50 Piece(s)	536463 <input type="checkbox"/>

9.4.1.2 AS 5XX

						No
AS515	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	630030 <input checked="" type="checkbox"/>
		Laterally adjustable	Roto Sil	Right	50 Piece(s)	630031 <input checked="" type="checkbox"/>
		Laterally adjustable	Stainless steel	Left	50 Piece(s)	633382 <input type="checkbox"/>
		Laterally adjustable	Stainless steel	Right	50 Piece(s)	633383 <input type="checkbox"/>
	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	631017 <input checked="" type="checkbox"/>
		Laterally adjustable	Roto Sil	Right	50 Piece(s)	631023 <input checked="" type="checkbox"/>
		Laterally adjustable	Stainless steel	Left	50 Piece(s)	633456 <input type="checkbox"/>
		Laterally adjustable	Stainless steel	Right	50 Piece(s)	633457 <input type="checkbox"/>
	Combination	Laterally adjustable	Roto Sil	–	50 Piece(s)	630043 <input checked="" type="checkbox"/>
		Laterally adjustable	Stainless steel	–	50 Piece(s)	633384 <input type="checkbox"/>
	Bolt	Laterally adjustable	Roto Sil	–	50 Piece(s)	630037 <input checked="" type="checkbox"/>
	Magnet	Laterally adjustable	Roto Sil	–	50 Piece(s)	635503 <input type="checkbox"/>
		Laterally adjustable	Stainless steel	–	50 Piece(s)	823855 <input type="checkbox"/>
	Shootbolt protrusion	Laterally adjustable	Stainless steel	–	50 Piece(s)	633346 <input type="checkbox"/>
	ID latch	–	Roto Sil	Left	50 Piece(s)	635504 <input type="checkbox"/>
		–	Roto Sil	Right	50 Piece(s)	635505 <input type="checkbox"/>
AS567	Latch / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	729727 <input checked="" type="checkbox"/>
		Laterally adjustable	Roto Sil	Right	50 Piece(s)	729728 <input checked="" type="checkbox"/>
	Electrical opener / deadbolt	Laterally adjustable	Roto Sil	Left	50 Piece(s)	729731 <input checked="" type="checkbox"/>
		Laterally adjustable	Roto Sil	Right	50 Piece(s)	729732 <input checked="" type="checkbox"/>
	Combination	Laterally adjustable	Roto Sil	–	50 Piece(s)	729733 <input checked="" type="checkbox"/>






9.4.2 Striker strips



INFO

Frame components are profile-specific. Overview of profile systems → *from page 198*

The following striker strip versions are available.

Versions
 2 additional lockings (2CB, 2CH, 2C, 2AH)
 4 additional lockings (4CB, 4CH, 4C)
 6 additional lockings (4C2QB)



INFO

All latch / deadbolt frame components can be converted into electrical opener / deadbolt frame components by removing the replaceable part.



INFO

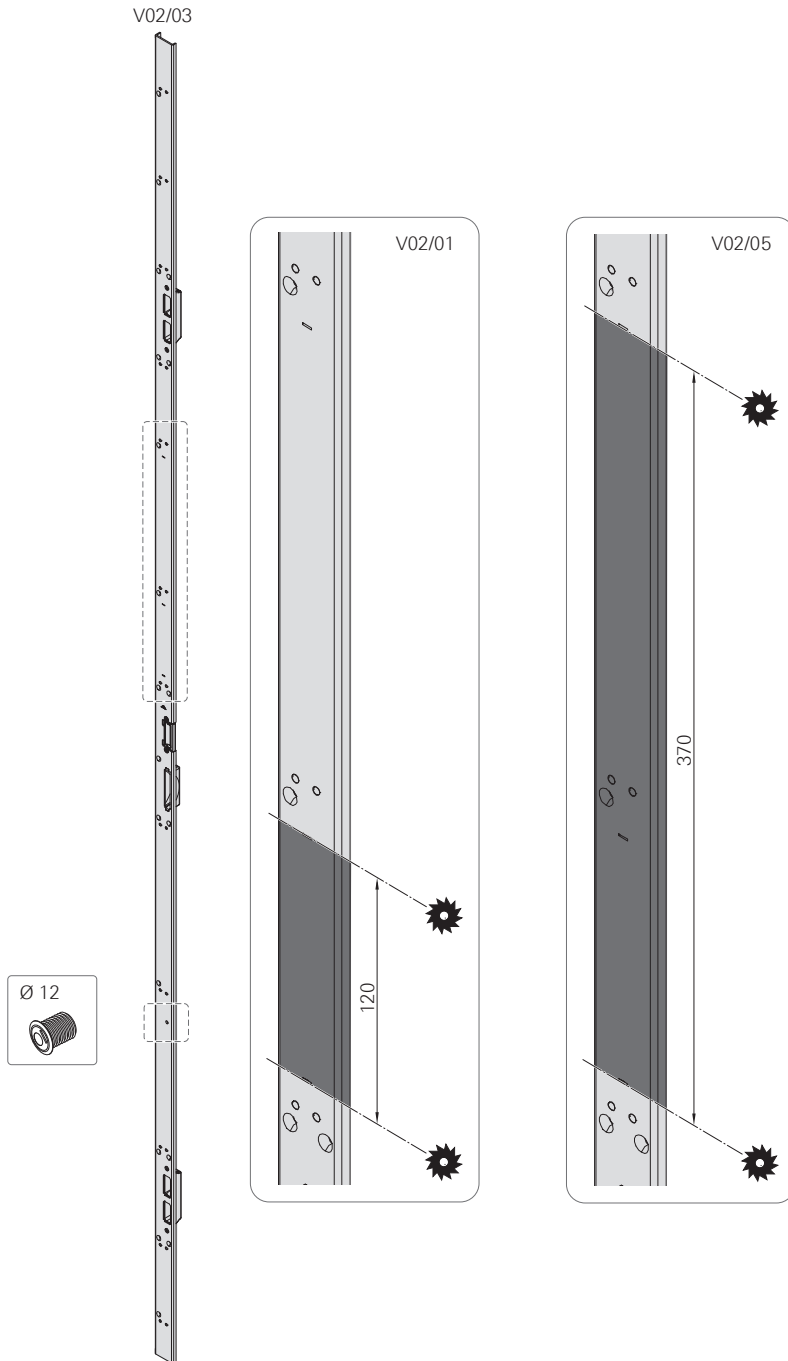
Not all of the variants shown here are available for all profile systems.



Variable striker strips

Striker strips with locking pattern V02/03 are adaptable. The variable striker strip can be machined to adapt it to locking pattern V02/01 or V02/05.

The diagram below shows the individual markings where the striker strip can be adapted.



INFO

The magnetic contact is required for the Roto Safe E | E610 – Eneo CC and E611 – Eneo CF multipoint lockings.

9.4.2.1 AS 3XX

									No.
AS307	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01 V02/05	2230	U24	Roto Sil	Left	10 Piece(s)	860868 <input checked="" type="checkbox"/>
		V02/03	V02/01 V02/05	2230	U24	Roto Sil	Right	10 Piece(s)	860869 <input checked="" type="checkbox"/>
		V02/07	–	2430	U24	Roto Sil	Left	10 Piece(s)	860870 <input checked="" type="checkbox"/>
		V02/07	–	2430	U24	Roto Sil	Right	10 Piece(s)	860871 <input checked="" type="checkbox"/>
	4 additional lockings (4CB, 4CH, 4C)	V08/17	–	2230	U24	Roto Sil	Left	10 Piece(s)	860872 <input type="checkbox"/>
		V08/17	–	2230	U24	Roto Sil	Right	10 Piece(s)	860873 <input type="checkbox"/>
	6 additional lockings (4C2QB)	V62/91	–	2230	U24	Roto Sil	Left	10 Piece(s)	860874 <input type="checkbox"/>
		V62/91	–	2230	U24	Roto Sil	Right	10 Piece(s)	860875 <input type="checkbox"/>

9.4.2.2 AS 5XX

									No.
AS515	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01 V02/05	2230	U24	Roto Sil	Left	10 Piece(s)	860914 <input checked="" type="checkbox"/>
		V02/03	V02/01 V02/05	2230	U24	Roto Sil	Right	10 Piece(s)	860915 <input checked="" type="checkbox"/>
		V02/03	V02/01 V02/05	2230	U24	Stainless steel	Left	10 Piece(s)	860918 <input type="checkbox"/>
		V02/03	V02/01 V02/05	2230	U24	Stainless steel	Right	10 Piece(s)	860919 <input type="checkbox"/>
		V02/07	–	2430	U24	Roto Sil	Left	10 Piece(s)	860916 <input checked="" type="checkbox"/>
		V02/07	–	2430	U24	Roto Sil	Right	10 Piece(s)	860917 <input checked="" type="checkbox"/>
	4 additional lockings (4CB, 4CH, 4C)	V08/17	–	2230	U24	Roto Sil	Left	10 Piece(s)	860920 <input type="checkbox"/>
		V08/17	–	2230	U24	Roto Sil	Right	10 Piece(s)	860921 <input type="checkbox"/>
		V08/17	–	2230	U24	Stainless steel	Left	10 Piece(s)	860922 <input type="checkbox"/>
		V08/17	–	2230	U24	Stainless steel	Right	10 Piece(s)	860923 <input type="checkbox"/>
AS567	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/03	V02/01 V02/05	2230	U24	Roto Sil	Left	10 Piece(s)	860940 <input checked="" type="checkbox"/>
		V02/03	V02/01 V02/05	2230	U24	Roto Sil	Right	10 Piece(s)	860941 <input checked="" type="checkbox"/>

9.4.3 Lever-operated espagnolette



INFO

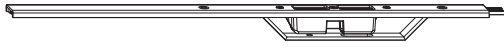
Frame components are profile-specific. Overview of profile systems → *from page 198*

The following lever-operated espagnolette versions are available.

2 additional lockings (2CB, 2CH, 2C, 2AH)
Lever-operated espagnolette
Connector components



2 additional lockings (2CB, 2CH, 2C, 2AH)



Extensions



INFO

Required for multipoint lockings with 3 additional lockings – couplable (3CB, 3CH, 3C, 3AH).

Details → 7.3.2 “2 additional lockings (2CB, 2CH, 2C, 2AH)” from page 179



INFO

All latch / deadbolt frame components can be converted into electrical opener / deadbolt frame components by removing the replaceable part.



INFO

Choose the left / right version of the lever-operated espagnolette depending on the DIN direction of the first opening leaf.



INFO

Other versions are available upon request.

9.4.3.1 2 additional lockings (2CB, 2CH, 2C, 2AH)

9.4.3.1.1 Lever-operated espagnolette



AS515	2 additional lockings (2CB, 2CH, 2C, 2AH)	V02/01	2230	470	20	U24	Roto Sil	Left	5 Piece(s)	833568	<input type="checkbox"/>
		V02/01	2230	470	20	U24	Roto Sil	Right	5 Piece(s)	833569	<input type="checkbox"/>
		V02/03	2230	350	20	U24	Roto Sil	Left	5 Piece(s)	764675	<input checked="" type="checkbox"/>
		V02/03	2230	350	20	U24	Roto Sil	Right	5 Piece(s)	764677	<input checked="" type="checkbox"/>
		V02/05	1930	300	20	U24	Roto Sil	Left	5 Piece(s)	778406	<input type="checkbox"/>
		V02/05	1930	300	20	U24	Roto Sil	Right	5 Piece(s)	778407	<input type="checkbox"/>
		V02/07	2430	420	20	U24	Roto Sil	Left	5 Piece(s)	820076	<input checked="" type="checkbox"/>
		V02/07	2430	420	20	U24	Roto Sil	Right	5 Piece(s)	820077	<input checked="" type="checkbox"/>



INFO

Detailed dimensional drawing of the lever-operated espagnolette and/or the double-leafed doors. → from page 336

Frame components

Aluminium

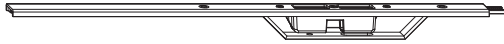
Lever-operated espagnolette

9.4.3.1.2 Connector components



										Nº
AS515	Connector component	-	132	-	20	U24	Roto Sil	-	50 Piece(s)	630039 <input checked="" type="checkbox"/>
		-	132	-	20	U24	Stainless steel	-	50 Piece(s)	633381 <input type="checkbox"/>

9.4.3.1.3 Extensions



										Nº
AS515	Extension	-	468	162	-	U24	Roto Sil	-	1 Piece(s)	808596 <input checked="" type="checkbox"/>
		-	768	162	-	U24	Roto Sil	-	1 Piece(s)	808598 <input checked="" type="checkbox"/>
		-	468	162	-	U24	Stainless steel	-	1 Piece(s)	633379 <input type="checkbox"/>
		-	768	162	-	U24	Stainless steel	-	1 Piece(s)	633380 <input type="checkbox"/>

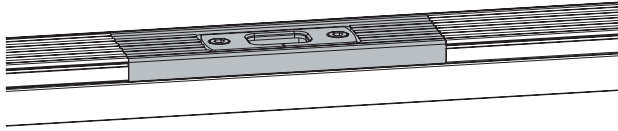




9.5 Thresholds

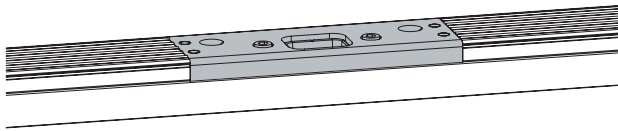
9.5.1 Roto Eifel TB

Cover bridge



-	Eifel TB cover bridge	Version no. 100	Gasket compression adjustable	13	29	Bottom	E6 / C-0 Grey	-	5 Piece(s)	618650
-	Eifel TB cover bridge	Version no. 102	Gasket compression adjustable	15	29	Bottom	E6 / C-0 Grey	-	5 Piece(s)	640220

Strikers

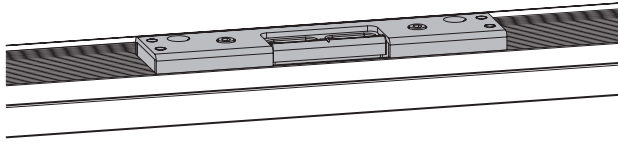


AS582	Shootbolt protrusion	Laterally adjustable	15.5	29	Bottom	Roto Sil	-	50 Piece(s)	729031
AS591	Shootbolt protrusion	Laterally adjustable	13	29	Bottom	Roto Sil	-	50 Piece(s)	734219



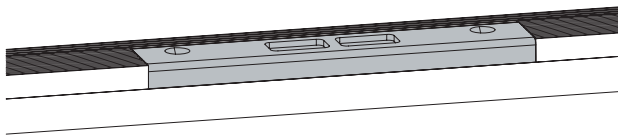
9.5.2 Third-party products

Universal, surface-mounted



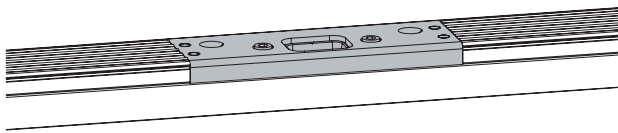
									N°
AS245	Shootbolt protrusion	Laterally adjustable	13	29	Bottom	Roto Sil	-	50 Piece(s)	371717 <input type="checkbox"/>
AS246	Shootbolt protrusion	Laterally adjustable	9	29	Bottom	Roto Sil	-	50 Piece(s)	371719 <input type="checkbox"/>

Universal, integrated



									N°
AS576	Shootbolt protrusion	-	13	22	Bottom	Roto Sil	-	50 Piece(s)	641498 <input type="checkbox"/>
AS632	Shootbolt protrusion	-	13	24	Bottom	Roto Sil	-	50 Piece(s)	808675 <input type="checkbox"/>
AS681	Shootbolt protrusion	Laterally adjustable	13	27	Bottom	Roto Sil	-	50 Piece(s)	816695 <input type="checkbox"/>

Veka, integrated



									N°
AS581	Shootbolt protrusion	Laterally adjustable	15.5	-	Bottom	Roto Sil	-	50 Piece(s)	729030 <input type="checkbox"/>



9.6 Electrical door openers

An electrical door opener, also referred to simply as “electrical opener”, unlocks the main door by means of an electrical impulse. This impulse can come from different sources, such as an intercom.

The electrical door opener is installed in the main door frame on a special frame component (striker or striker strip). The electrical door opener blocks the latch of the main lock and releases it as required by means of an impulse.

The mechanical unlocking of the electrical door opener, known as “daytime unlocking”, causes the latch of the main lock to be released by actuating a small lever on the electrical door opener.

Product overview

Model	Functions			
	With radius function	Without radius function	Locking pin	Latch slide
Type 2 → from page 276	■	–	–	–
Type 3 → from page 276	–	■	–	–
Type 3R → from page 277	■	–	–	–
Type 3RA → from page 277	■	–	■	–
Type 4RFR → from page 278	■	–	–	■

Functions



With radius function

When opening the latch, a radially opening electrical door opener does not need any more space than the existing total thickness of the opener. This ensures ease of installation and an enhanced appearance without an additional recess on the frame side.



Without radius function

If there is no radius function, the latch moves out by 5 mm. It must therefore be ensured that there is a recess on the frame side. This model is designed for timber doors when used in conjunction with latch / deadbolt angular strikers.



Locking pin

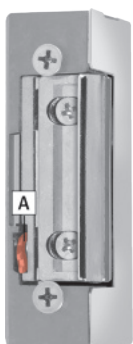
The locking pin [A] unlocks the door opener when one-off contact is made, and releases the door. After the door is closed, the door opener is locked again.

Without a locking pin, the door is released for opening for as long as the push-button is pressed and held.



Latch slide

The latch slide [A] ensures optimal guidance of the lock latch. Disruptive recesses for the door opener latch in the door frame are also prevented. This ensures that the frame profile remains continuous. In this way, a continuous gasket support surface is created.



Manual unlocking

Unlocking mechanism for manually keeping the door opener permanently open. If the unlocking lever [A] is set to closed, the door will be only opened when the push-button is pressed. The unlocking lever can also be set to permanent opening.



Technical data

Model	Resistance	VAC / 6 volts	VAC / 12 volts	VDC / 6 volts	VDC / 12 volts
Type 2	8.3 ohm	570 mA	1140 mA	660 mA	1320 mA
Type 3, type 3R, type 3RA	8.3 ohm	560 mA	1100 mA	690 mA	1390 mA

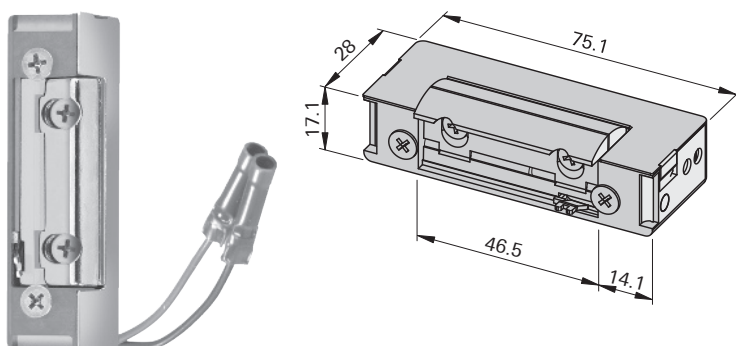
Model	Resistance	VAC / 12 volts	VAC / 24 volts	VDC / 12 volts	VDC / 24 volts
Type 4RFR	43.0 ohm	250 mA	500 mA	280 mA	560 mA



INFO

At a temperature of 24 °C, the tolerance is ±10%. In the case of AC current, the current is supplied for a maximum of two seconds. (VAC = alternating current / VDC = direct current)

9.6.1 Model type 2

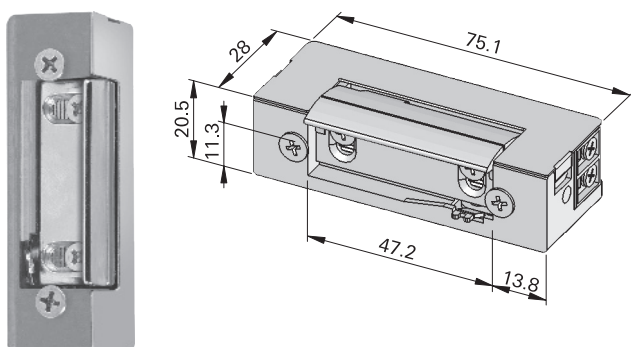


Product description

- Symmetrical standard opener with radial latch function – prewired
- Can be used on the right and left
- Latch adjustment range +1 / -2 mm

							N^o
Model type 2	75.1	17.1	28	Timber PVC Aluminium	-	1 Piece(s)	446263

9.6.2 Model type 3



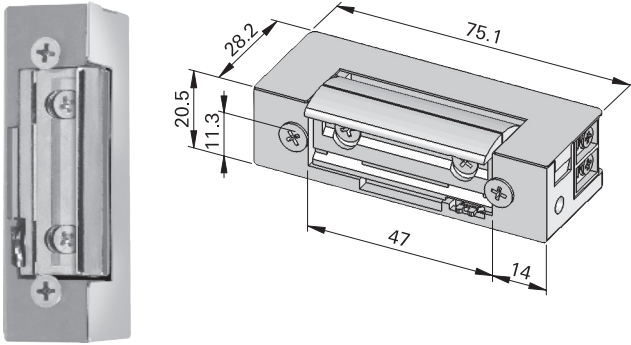
Product description

- Symmetrical standard opener without radial latch function
- Can be used on the right and left
- Latch adjustment range +0 / -4 mm

							N^o
Model type 3	75.1	20.5	28	Timber	-	1 Piece(s)	389675



9.6.3 Model type 3R

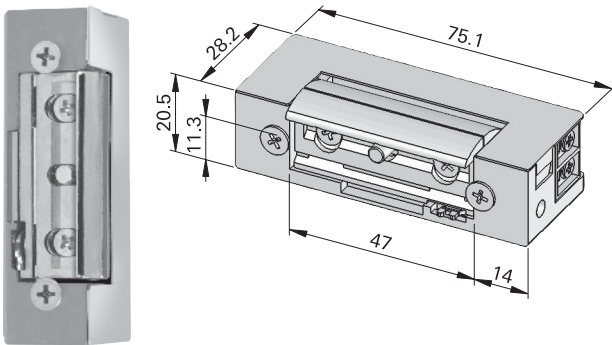


Product description

- Symmetrical standard opener with radial latch function
- Can be used on the right and left
- Latch adjustment range ± 1 mm

							Nº
Model type 3R	75.1	20.5	28.2	Timber PVC Aluminium	-	1 Piece(s)	389653

9.6.4 Model type 3RA



Product description

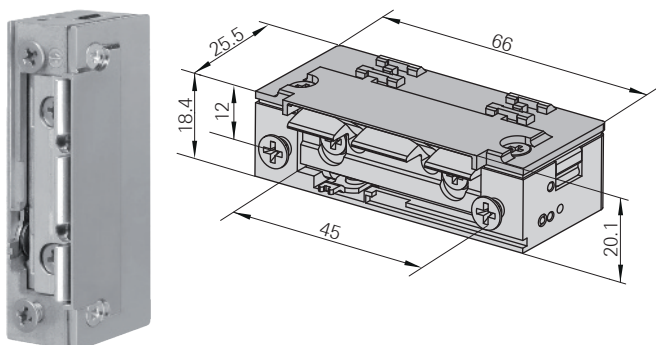
- Symmetrical standard opener with radial latch function and additional locking pin
- Can be used on the right and left
- Latch adjustment range ± 1 mm



							Nº
Model type 3RA	75.1	20.5	28.2	Timber PVC Aluminium	-	1 Piece(s)	389654

9.6.5 Model type 4RFR

Hardware axis 11.5 to 15.0 mm | timber and aluminium

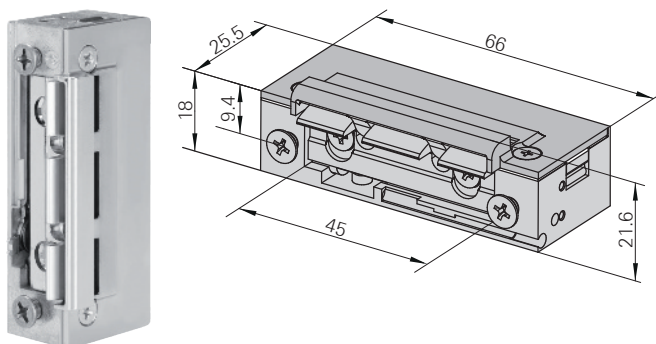


Product description

- Symmetrical standard opener with radial latch function and additional latch slide
- Door opener for use with 11.5 to 15.0 mm hardware axes
- Can be used on the right and left
- Latch adjustment range +1 / -2 mm

Model type 4RFR	66	20.1	25.5	Zinc adjustable latch receiver	Timber Aluminium	-	1 Piece(s)	891785
				Zinc adjustable latch receiver, reinforced spring	Timber Aluminium	-	1 Piece(s)	891786
				Zinc adjustable latch receiver, reinforced spring, without coil	Timber Aluminium	-	1 Piece(s)	891789

Hardware axis 11.5 to 13.5 mm | PVC



Product description

- Symmetrical standard opener with radial latch function and additional latch slide
- Door opener for use with 11.5 to 13.5 mm hardware axes
- Can be used on the right and left
- Latch adjustment range +1 / -2 mm

Model type 4RFR	66	21.6	25.5	Zinc adjustable latch receiver	PVC	-	1 Piece(s)	891787
				Zinc adjustable latch receiver, reinforced spring	PVC	-	1 Piece(s)	891788
				Zinc adjustable latch receiver, reinforced spring, without coil	PVC	-	1 Piece(s)	891790



INFO

Components with the characteristic "no coil" have a daytime unlocking function.

9.6.6 Adjustable latch receivers

Zinc adjustable latch receiver for model type 4RFR	Timber Aluminium	1 Piece(s)	857236
--	---------------------	------------	--------



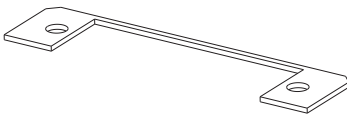
				N^o
Steel adjustable latch receiver for model type 4RFR		Timber Aluminium	1 Piece(s)	857237 <input type="checkbox"/>



INFO

Spare parts: can only be used for version with hardware axis 11.5 to 15.0 mm | timber and aluminium.

9.6.7 Packers



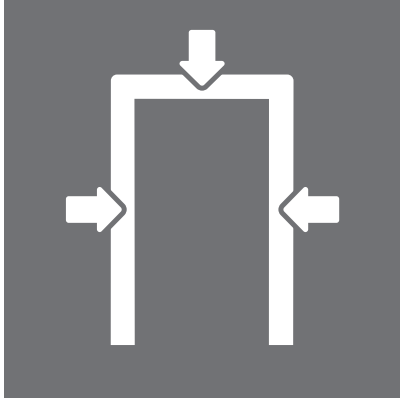
							N^o
Electrical opener packer		66	1	16	Timber PVC Aluminium	– 1 Piece(s)	765176 <input type="checkbox"/>



INFO

Use makes it possible to extend the functional clearance.







Latches		Marking jig	
Roller latches	285	See page	307
Recessed latches	287		
Whisper latches	288	Construction key	
Steel latches	288	See page	308
Adjustable components	289		
		Roto NX / NT grease	
Hinge retaining mechanisms		See page	309
See page	291		
Drilling protection			
See page	292		
Replacement main locks			
See page	293		
Faceplate cover cap			
See page	294		
Deadbolt switch contacts			
Main locks	295		
Roto Cyl-Tec – profile cylinders			
Double cylinder	296		
Knob cylinder	298		
Key blanks	298		
Roto Base – tubular frame locks			
Latch / deadbolt	299		
Roller latch	302		
Striker plates	303		
Locking plates	304		
Duo-Drill – corner welded connector			
Corner welded connector	305		
Assembly tool	306		

10 Accessories



The Roto Safe accessories complete the extensive Roto Safe product range and offer added value in terms of security, comfort and functionality.

- Alternative latch designs ensure quiet, effortless closing.
- Hinge retaining mechanisms provide additional burglary inhibition. They effectively prevent jemmying on the hinge side.
- Repair main locks make it possible to quickly convert the main lock to a version with a different backset.
- When using a multipoint locking with cropped faceplate, faceplate cover caps give it an elegant and clean finish.
- The range of accessories includes a large number of cylinder versions and tubular frame locks.

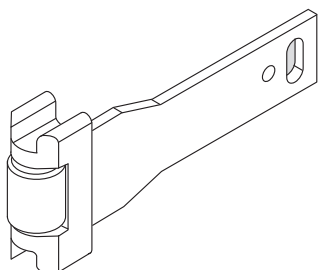








10.1 Latches

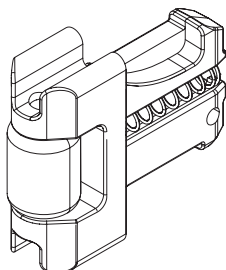
10.1.1 Roller latches






C500



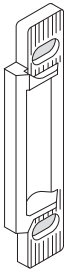
				N ^o
Roller latch	35	Roto Sil	50 Piece(s)	242659 <input type="checkbox"/>
	40	Roto Sil	50 Piece(s)	242660 <input type="checkbox"/>
	45	Roto Sil	50 Piece(s)	242661 <input type="checkbox"/>
	50	Roto Sil	50 Piece(s)	242662 <input type="checkbox"/>
	55	Roto Sil	50 Piece(s)	242663 <input type="checkbox"/>
	65	Roto Sil	50 Piece(s)	242664 <input type="checkbox"/>
	80	Roto Sil	50 Piece(s)	242666 <input type="checkbox"/>










C600



					N ^o
Roller latch	35	-1.0 mm	Roto Sil	50 Piece(s)	814961 <input type="checkbox"/>
	40	-	Roto Sil	50 Piece(s)	784981 <input type="checkbox"/>
	45	-1.0 mm	Roto Sil	50 Piece(s)	814962 <input type="checkbox"/>
	50	-	Roto Sil	50 Piece(s)	784983 <input type="checkbox"/>
	55	-	Roto Sil	50 Piece(s)	784984 <input type="checkbox"/>
	65	-	Roto Sil	50 Piece(s)	784985 <input type="checkbox"/>





					Nº
Roller latch insert	PVC Timber Aluminium	For all profile series except profile series AS215 and AS227	Roto Sil	50 Piece(s)	222539 
	PVC	For profile series AS215 and AS227	Roto Sil	50 Piece(s)	222540 
	Timber	For all striker plates	Roto Sil	50 Piece(s)	222542 
		For all strikers (hardware axis 9 and 10 mm)	Roto Sil	50 Piece(s)	222543 



INFO

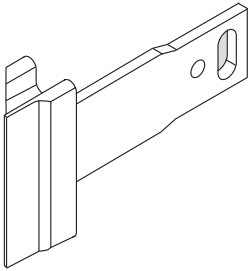
Can be used together with the electrical opener / deadbolt strikers instead of the electrical opener or with latch / deadbolt strikers for timber doors instead of the adjustable latch receiver.









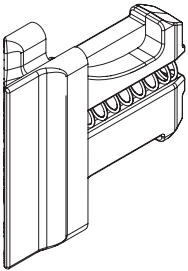
10.1.2 Recessed latches





C500



				Nº
Recessed latch (1.5 mm)	35	Roto Sil	50 Piece(s)	253968 <input type="checkbox"/>
	40	Roto Sil	50 Piece(s)	253970 <input type="checkbox"/>
	45	Roto Sil	50 Piece(s)	253971 <input type="checkbox"/>
	50	Roto Sil	50 Piece(s)	253973 <input type="checkbox"/>
	55	Roto Sil	50 Piece(s)	253974 <input type="checkbox"/>
	65	Roto Sil	50 Piece(s)	253976 <input type="checkbox"/>
	80	Roto Sil	50 Piece(s)	253979 <input type="checkbox"/>

C600 | H650



				Nº
Recessed latch (1.5 mm)	35	Roto Sil	50 Piece(s)	784990 <input checked="" type="checkbox"/>
	40	Roto Sil	50 Piece(s)	784991 <input checked="" type="checkbox"/>
	45	Roto Sil	50 Piece(s)	784992 <input checked="" type="checkbox"/>
	50	Roto Sil	50 Piece(s)	784993 <input checked="" type="checkbox"/>
	55	Roto Sil	50 Piece(s)	784994 <input checked="" type="checkbox"/>
	65	Roto Sil	50 Piece(s)	785005 <input checked="" type="checkbox"/>

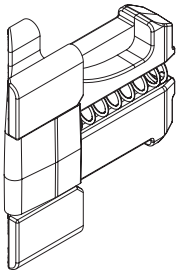






INFO

Recessed latches cannot be used with Roto Safe A700 – Tandeo multipoint lockings.

10.1.3 Whisper latches

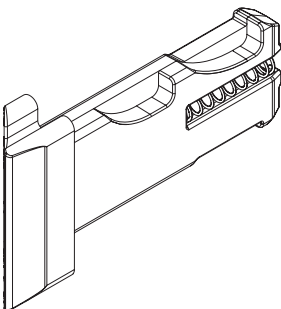
C600 | H650







				N ^o
Whisper latch	35	Roto Sil	50 Piece(s)	821343 <input type="checkbox"/>
	40	Roto Sil	50 Piece(s)	821344 <input type="checkbox"/>
	45	Roto Sil	50 Piece(s)	821390 <input type="checkbox"/>
	50	Roto Sil	50 Piece(s)	821391 <input type="checkbox"/>
	55	Roto Sil	50 Piece(s)	821392 <input type="checkbox"/>
	65	Roto Sil	50 Piece(s)	821393 <input type="checkbox"/>

10.1.4 Steel latches

C600 | H650



				N ^o
Steel latch	55	Roto Sil	50 Piece(s)	814618 <input type="checkbox"/>

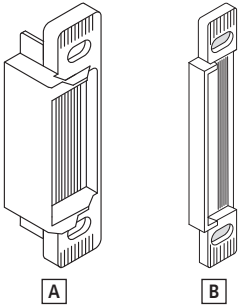


INFO

Can be used on fire-protection doors.

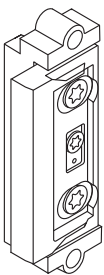


10.1.5 Adjustable components



Assignment	Meaning
[A]	Electrical opener / deadbolt striker plates
[B]	Latch / deadbolt strikers

Adjustable latch receiver	Timber	Can be used for all electrical opener / deadbolt striker plates	Roto Sil	50 Piece(s)	222546 <input type="checkbox"/>
		Can be used for all latch / deadbolt strikers	Roto Sil	50 Piece(s)	312203 <input type="checkbox"/>



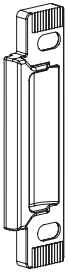
Adjustable latch receiver	Timber	Hardware axis 8.5 – 11.5	Roto Sil	10 Piece(s)	311013 <input type="checkbox"/>
	PVC	Hardware axis 12.0 – 14.5	Roto Sil	10 Piece(s)	311014 <input type="checkbox"/>
	Aluminium	Hardware axis 15.0 – 16.5	Roto Sil	10 Piece(s)	311015 <input type="checkbox"/>








INFO

Can only be used with electrical opener / deadbolt strikers.





					Nº
Adjustable latch receiver	Timber PVC	Hardware axis 11.5 – 13.5	Roto Sil	10 Piece(s)	765918 <input type="checkbox"/>
		Hardware axis 14.0 – 16.0	Roto Sil	10 Piece(s)	765920 <input type="checkbox"/>
	Aluminium	Hardware axis 11.5 – 13.5	Roto Sil	10 Piece(s)	765919 <input type="checkbox"/>



INFO

Retrofit set for electrical opener / deadbolt frame components.



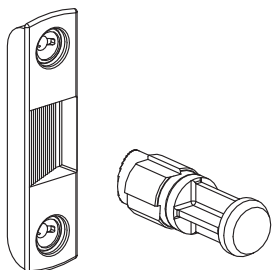


10.2 Hinge retaining mechanisms



Cam for hinge retaining mechanism	Timber	F16	Roto Sil	10 Piece(s)	280880
	PVC	F20	Roto Sil	10 Piece(s)	311884
	Aluminium	U6x24	Roto Sil	10 Piece(s)	780014

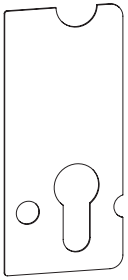
For suitable frame components, see → *from page 232*



Hinge retaining mechanism set	Timber	10	Roto Sil	10 Piece(s)	491795



10.3 Drilling protection

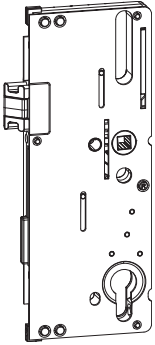


				Nº
C600 drilling protection	Backset 35 to 65 mm	Roto Sil	1 Piece(s)	862451 <input type="checkbox"/>





10.4 Replacement main locks



								N ^o
C500	80	92	10	–	Roto Sil	1 Piece(s)	799963 <input type="checkbox"/>	
C600	35	92	8	–	Roto Sil	1 Piece(s)	799964 <input checked="" type="checkbox"/>	
		92	10	–	Roto Sil	1 Piece(s)	799965 <input type="checkbox"/>	
		94	8	RZ	Roto Sil	1 Piece(s)	799976 <input type="checkbox"/>	
	40	92	8	–	Roto Sil	1 Piece(s)	799966 <input checked="" type="checkbox"/>	
		92	10	–	Roto Sil	1 Piece(s)	799967 <input type="checkbox"/>	
		94	8	RZ	Roto Sil	1 Piece(s)	799977 <input type="checkbox"/>	
	45	92	8	–	Roto Sil	1 Piece(s)	799968 <input checked="" type="checkbox"/>	
		92	10	–	Roto Sil	1 Piece(s)	799969 <input type="checkbox"/>	
		94	8	RZ	Roto Sil	1 Piece(s)	799978 <input type="checkbox"/>	
	50	92	8	–	Roto Sil	1 Piece(s)	799970 <input checked="" type="checkbox"/>	
		92	10	–	Roto Sil	1 Piece(s)	799971 <input checked="" type="checkbox"/>	
		94	8	RZ	Roto Sil	1 Piece(s)	799979 <input type="checkbox"/>	
	55	92	8	–	Roto Sil	1 Piece(s)	799972 <input checked="" type="checkbox"/>	
		92	10	–	Roto Sil	1 Piece(s)	799973 <input checked="" type="checkbox"/>	
		94	8	RZ	Roto Sil	1 Piece(s)	799980 <input type="checkbox"/>	
65	92	8	–	Roto Sil	1 Piece(s)	799974 <input checked="" type="checkbox"/>		
	92	10	–	Roto Sil	1 Piece(s)	799975 <input checked="" type="checkbox"/>		
	94	8	RZ	Roto Sil	1 Piece(s)	799981 <input type="checkbox"/>		

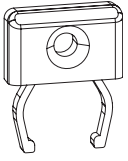






INFO

The system certificate and warranty become void when the main lock is replaced by the replacement main lock.



10.5 Faceplate cover cap



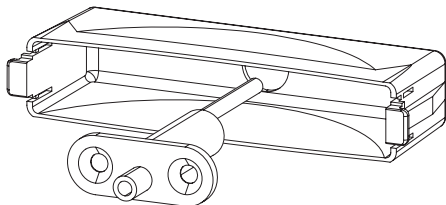
				N ^o
Faceplate cover cap	F16	Silver	50 Piece(s)	317787 <input checked="" type="checkbox"/>
	F20	Silver	50 Piece(s)	317788 <input type="checkbox"/>
	U6x24	Silver	50 Piece(s)	812015 <input checked="" type="checkbox"/>







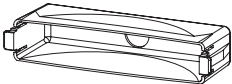

10.6 Deadbolt switch contacts

10.6.1 Main locks



			Nº
Smart deadbolt switch contact – main locks	Certification of VdS grade C	1 Piece(s)	823146 <input type="checkbox"/>

Scope of delivery

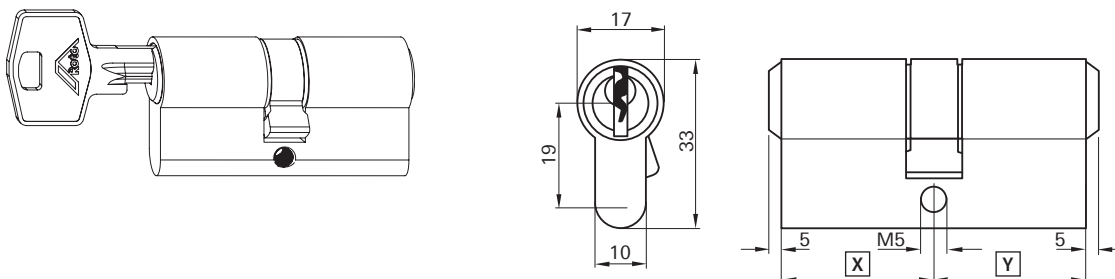
Figure	Quantity	Description
	1	Deadbolt switch contact
	1	Adjusting screw
	1	Deadbolt casing
	2	Fixing screws



10.7 Roto Cyl-Tec – profile cylinders

10.7.1 Double cylinder

10.7.1.1 Standard key

































[X] and [Y] = profile cylinder length

Product description

- Six-pin system with 240,000 combinations
- Tested in accordance with EN 1303
- Key with large knob
- Built-in drilling protection

Scope of delivery

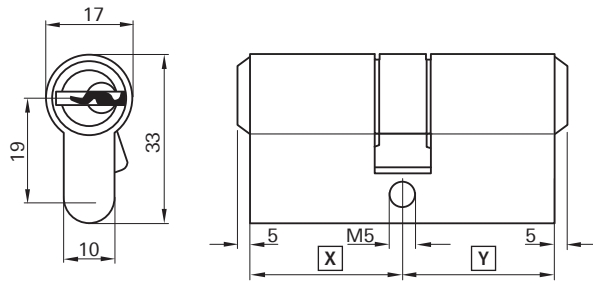
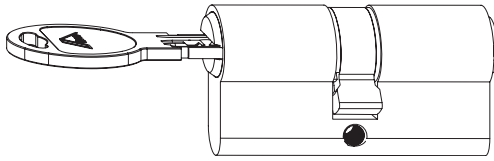
- 3 keys
- 1 fixing screw M5 x 60

				Nº
Keyed to differ	31 / 31	Nickel-plated	1 Piece(s)	640068 
	31 / 35	Nickel-plated	1 Piece(s)	632589 
	31 / 40	Nickel-plated	1 Piece(s)	640074 
	31 / 45	Nickel-plated	1 Piece(s)	640069 
	31 / 50	Nickel-plated	1 Piece(s)	640070 
	31 / 55	Nickel-plated	1 Piece(s)	642659 
	31 / 60	Nickel-plated	1 Piece(s)	640080 
	31 / 70	Nickel-plated	1 Piece(s)	729304 
	35 / 35	Nickel-plated	1 Piece(s)	640071 
	35 / 40	Nickel-plated	1 Piece(s)	640072 
	35 / 45	Nickel-plated	1 Piece(s)	640073 
	35 / 50	Nickel-plated	1 Piece(s)	640075 
	35 / 55	Nickel-plated	1 Piece(s)	640076 
	40 / 40	Nickel-plated	1 Piece(s)	632590 
	40 / 45	Nickel-plated	1 Piece(s)	632591 
	40 / 50	Nickel-plated	1 Piece(s)	632592 
	40 / 55	Nickel-plated	1 Piece(s)	632593 
	40 / 60	Nickel-plated	1 Piece(s)	640081 
	40 / 70	Nickel-plated	1 Piece(s)	642660 
	45 / 45	Nickel-plated	1 Piece(s)	632594 
	45 / 50	Nickel-plated	1 Piece(s)	632605 
	45 / 55	Nickel-plated	1 Piece(s)	640077 
	45 / 60	Nickel-plated	1 Piece(s)	729303 
	50 / 50	Nickel-plated	1 Piece(s)	640078 
50 / 60	Nickel-plated	1 Piece(s)	640079 	
50 / 70	Nickel-plated	1 Piece(s)	729315 	

Compatible key blank → from page 298



10.7.1.2 Reversible key



















[X] and [Y] = profile cylinder length

Product description

- Six-pin system with 240,000 combinations
- Tested in accordance with EN 1303
- Key with large knob
- Built-in drilling protection

Scope of delivery

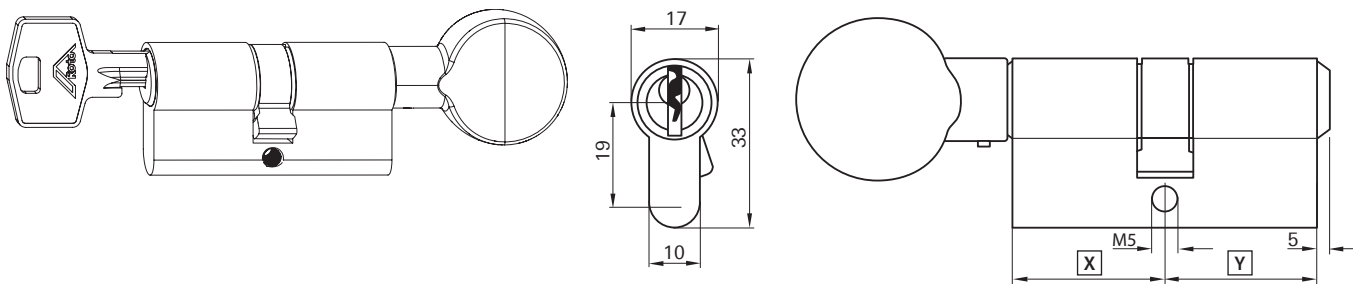
- 5 keys
- 1 fixing screw M5 x 60

				N ^o
Keyed to differ	35 / 65	Nickel-plated	1 Piece(s)	839567 
	35 / 75	Nickel-plated	1 Piece(s)	839568 
	40 / 40	Nickel-plated	1 Piece(s)	796353 
	40 / 45	Nickel-plated	1 Piece(s)	796348 
	40 / 50	Nickel-plated	1 Piece(s)	796352 
	40 / 60	Nickel-plated	1 Piece(s)	839566 
	45 / 45	Nickel-plated	1 Piece(s)	796349 
	45 / 50	Nickel-plated	1 Piece(s)	796350 
	45 / 55	Nickel-plated	1 Piece(s)	796351 
	50 / 60	Nickel-plated	1 Piece(s)	796355 
Keyed alike	45 / 50	Nickel-plated	10 Piece(s)	808436 
	50 / 60	Nickel-plated	10 Piece(s)	808435 

Compatible key blank → *from page 298*



10.7.2 Knob cylinder



[X] and [Y] = profile cylinder length

Product description

- Six-pin system with 240,000 combinations
- Tested in accordance with EN 1303
- Key with large knob
- Built-in drilling protection

Scope of delivery

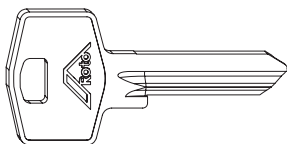
- 3 keys
- 1 fixing screw M5 x 45
- 1 fixing screw M5 x 60

				N ^o
Keyed to differ	30 / 35	Nickel-plated	1 Piece(s)	788794
	35 / 45	Nickel-plated	1 Piece(s)	775103
	40 / 40	Nickel-plated	1 Piece(s)	775098
	45 / 35	Nickel-plated	1 Piece(s)	775099
	45 / 45	Nickel-plated	1 Piece(s)	775101
	45 / 50	Nickel-plated	1 Piece(s)	775102
	50 / 45	Nickel-plated	1 Piece(s)	775100

Compatible key blank → from page 298

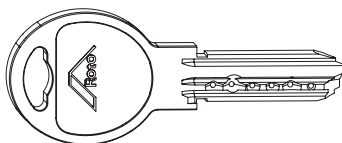
10.7.3 Key blanks

Standard key



	N ^o
Key blank for standard key	632626

Reversible key



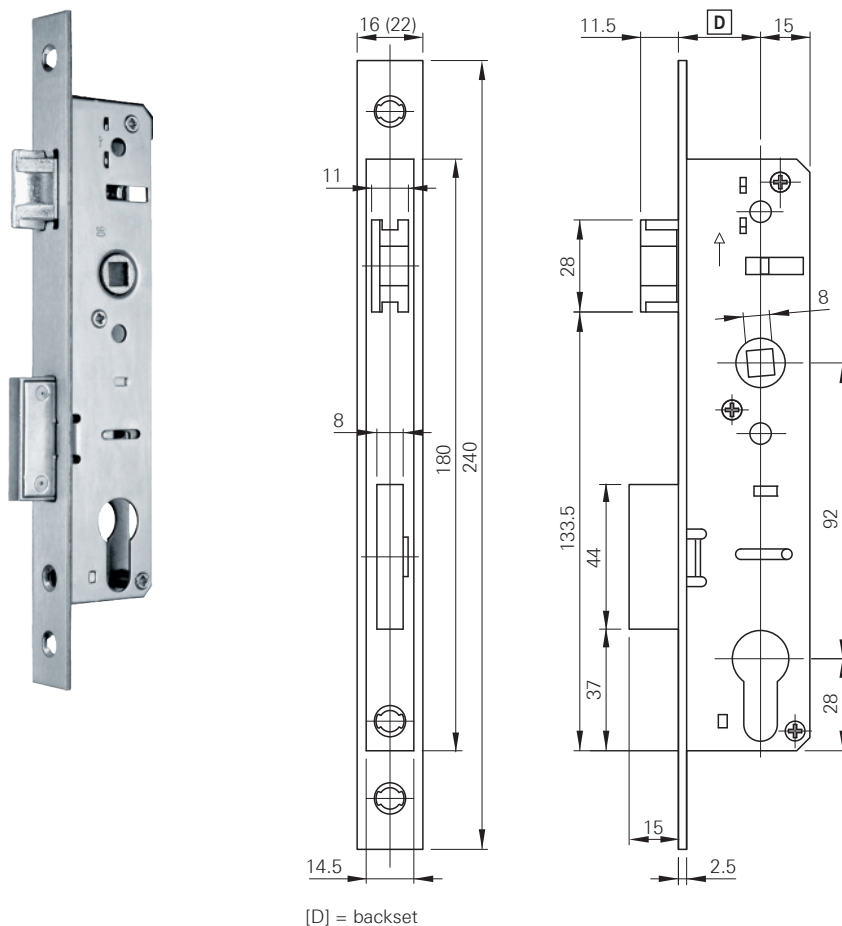
	N ^o
Key blank for reversible key	796354



10.8 Roto Base – tubular frame locks

10.8.1 Latch / deadbolt

10.8.1.1 Distance 92 mm



Product description

- Tubular frame lock with latch / deadbolt and profile cylinder mount
- Recommended for aluminium, metal and PVC doors
- Roto Sil surface
- Latch can be turned around
- Deadbolt with saw protection
- Deadbolt protrusion 15 mm, single-turn
- Product meets the requirements of DIN 18251-2/3

Scope of delivery

- 1 tubular frame lock
- 1 cylinder screw



With split spindle		25	92	8	240	Roto Sil	25 Piece(s)	449872
		30	92	8	240	Roto Sil	20 Piece(s)	451239
		35	92	8	240	Roto Sil	20 Piece(s)	449873
		40	92	8	240	Roto Sil	20 Piece(s)	477286
		45	92	8	240	Roto Sil	25 Piece(s)	449874










Accessories

Roto Base – tubular frame locks

Latch / deadbolt



22

							Nº
With split spindle	30	92	8	240	Roto Sil	20 Piece(s)	451241 
	35	92	8	240	Roto Sil	25 Piece(s)	451242 

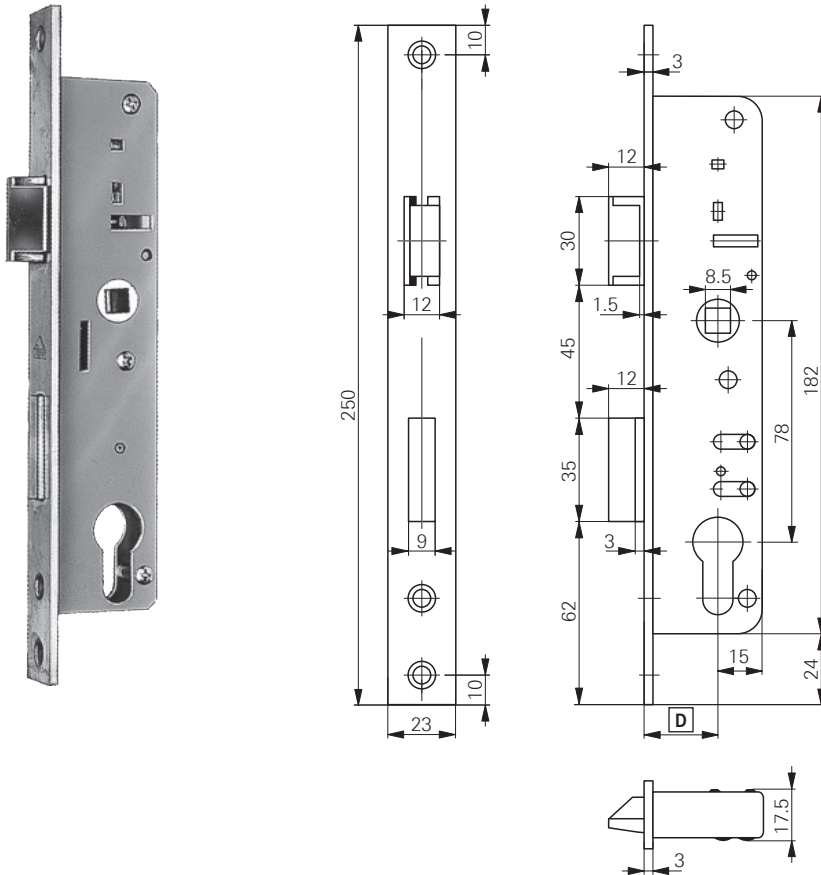
Aluminium / metal: compatible striker plate → *from page 303*

PVC: compatible striker for latch / deadbolt → *from page 251*





10.8.1.2 Distance 78 mm



[D] = backset

Product description

- Tubular frame lock with latch / deadbolt and profile cylinder mount
- Recommended for aluminium, metal and PVC doors
- Roto Sil surface
- Latch can be turned around
- Deadbolt protrusion 12 mm, single-turn

Scope of delivery

- 1 tubular frame lock
- 1 cylinder screw

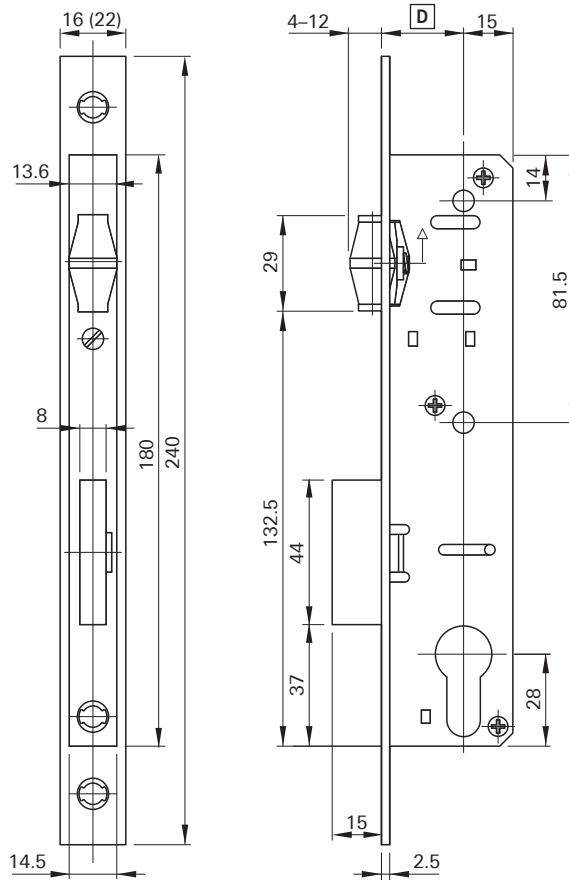


23

Without split spindle		35	78	8.5	250	Roto Sil	1 Piece(s)	223907
		40	78	8.5	250	Roto Sil	1 Piece(s)	223908
		45	78	8.5	250	Roto Sil	1 Piece(s)	223909
		50	78	8.5	250	Roto Sil	1 Piece(s)	223910
With split spindle		35	78	8.5	250	Roto Sil	1 Piece(s)	223911
		40	78	8.5	250	Roto Sil	1 Piece(s)	223912
		45	78	8.5	250	Roto Sil	1 Piece(s)	223914
		50	78	8.5	250	Roto Sil	1 Piece(s)	223916

Compatible locking plates → from page 304

10.8.2 Roller latch



[D] = backset

Product description

- Tubular frame lock with roller latch and profile cylinder mount
- Recommended for aluminium, metal and PVC doors
- Recommended for swing doors
- Roto Sil surface
- Deadbolt with saw protection
- Deadbolt protrusion 15 mm, single-turn
- Product meets the requirements of DIN 18251-2/3

Scope of delivery

- 1 tubular frame lock
- 1 cylinder screw











16

							Nº
25	-	-	-	240	Roto Sil	25 Piece(s)	482535
35	-	-	-	240	Roto Sil	20 Piece(s)	482536
45	-	-	-	240	Roto Sil	25 Piece(s)	482537



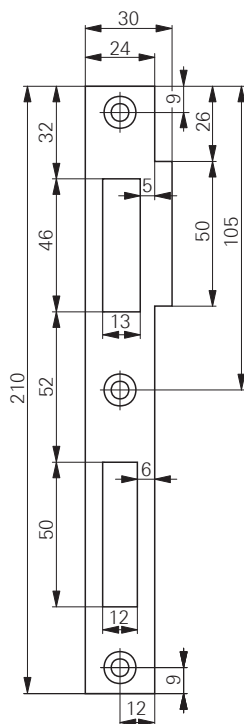
22








						Nº
30	-	-	240	Roto Sil	20 Piece(s)	451275 
35	-	-	240	Roto Sil	20 Piece(s)	451276 

Aluminium / metal: compatible striker plate → *from page 303*

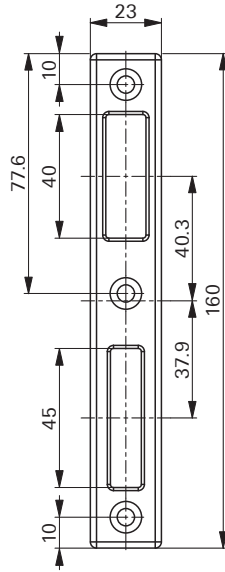
PVC: compatible striker for latch / deadbolt → *from page 251* and roller latch insert → *from page 285*

10.8.3 Striker plates



						Nº
210	30	1.75	Roto Sil	-	10 Piece(s)	263117 

10.8.4 Locking plates



							Nº
160	23	4.5	Polyamide component	Roto Sil	–	1 Piece(s)	223905
		8	Polyamide component	Roto Sil	–	1 Piece(s)	223904





10.9 Duo-Drill – corner welded connector

10.9.1 Corner welded connector








Product description

- Four-sided tensioning in the corner area of the reinforcement
- Effective absorption of torsional forces thanks to force-fit connection between reinforcement and welded connector
- Eccentric insert installed such that it can be tightened
- High strength thanks to large welded surfaces
- Alignment and tensioning using assembly handle

Scope of delivery

- Set: 8 corner welded connectors (PVC)

						
Duo-Drill corner welded connector	External dimensions of reinforcement: 40 x 40 x 2	RAL 9016	Traffic white	10 Set(s)	539159	<input type="checkbox"/>
	External dimensions of reinforcement: 41 x 36 x 2	RAL 9016	Traffic white	10 Set(s)	539316	<input type="checkbox"/>
	External dimensions of reinforcement: 45 x 45 x 2	RAL 9016	Traffic white	10 Set(s)	539543	<input type="checkbox"/>
	External dimensions of reinforcement: 50 x 40 x 2	RAL 9016	Traffic white	10 Set(s)	539145	<input type="checkbox"/>
	External dimensions of reinforcement: 50 x 45 x 2	RAL 9016	Traffic white	10 Set(s)	539288	<input type="checkbox"/>
	External dimensions of reinforcement: 55 x 40 x 2; 55 x 41 x 2.5	RAL 9016	Traffic white	10 Set(s)	539308	<input type="checkbox"/>
	External dimensions of reinforcement: 58 x 42 x 2	RAL 9016	Traffic white	10 Set(s)	539289	<input type="checkbox"/>
	External dimensions of reinforcement: 60 x 40 x 2	RAL 9016	Traffic white	10 Set(s)	539146	<input type="checkbox"/>
	External dimensions of reinforcement: 60 x 40 x 3	RAL 9016	Traffic white	10 Set(s)	539309	<input type="checkbox"/>
	External dimensions of reinforcement: 60 x 46 x 2	RAL 9016	Traffic white	10 Set(s)	539621	<input type="checkbox"/>
	External dimensions of reinforcement: 60 x 46 x 3	RAL 9016	Traffic white	10 Set(s)	540196	<input type="checkbox"/>
	External dimensions of reinforcement: 65 x 45 x 2	RAL 9016	Traffic white	10 Set(s)	539236	<input type="checkbox"/>
	External dimensions of reinforcement: 65 x 45 x 3	RAL 9016	Traffic white	10 Set(s)	539620	<input type="checkbox"/>



Accessories

Duo-Drill – corner welded connector

Assembly tool

10.9.2 Assembly tool



		N ^o
Duo-Drill assembly tool	1 Piece(s)	539224 <input type="checkbox"/>



Not assembled



Assembled



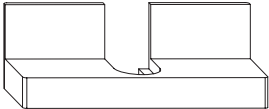





10.10 Marking jig

Timber and PVC

The jig system can be used for frame components with the following multipoint lockings:

- 4 E cams (4E)
- 4 E cams (4E) – couplable
- 4 V cams (4V)
- 4 V cams (4V) – couplable



		N ^o
Marking jig for locking cams	1 Piece(s)	793973 

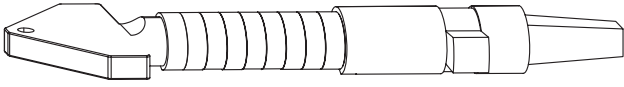






INFO

Position the marking jig on the E or V cam. Determine the position of the locking component and mark it.



10.11 Construction key



			N ^o
PVC construction key	Black	10 Piece(s)	257515 







INFO

For opening and closing doors without handles, as well as for determining the length of the profile cylinder.





10.12 Roto NX / NT grease

			N ^o
Roto NX / NT grease	20 ml tube, white	1 Piece(s)	782881 



Locking pattern

V02/01	313
V02+E/01	314
V02/03	315
V02+E/03	316
V02/05	317
V02+E/05	318
V02/07	319
V02+E/07	320
V02/17	321
V02/19	322
V08/17	323
V18/25	324
V22/25	325
V22/27	326
V52/53	327
V62/91	328
V64/95	329
V66/97	330

Detailed dimensions

Multipoint lockings	331
Double-leafed doors	335
Main locks	339
Additional lockings	364
Shootbolt	367
Shootbolt protrusions	368
Hinge retaining mechanism	369
Magnetic contact	370
Strikers	371

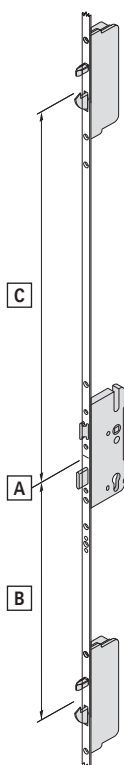
Installation dimensions

Strikers	373
Striker plates	376

11 Drawings

11.1 Locking pattern

The locking pattern designates the dimensional position of the additional locking points on the faceplate. In this pattern, the first two numbers represent the distance(s) from the centre of the main lock down to the centre of the additional locking(s), while the last two numbers stand for the distance(s) from the centre of the main lock upwards.



Assignment	Meaning
[A]	Centre of main lock

Assignment	Meaning
[B]	Centre of main lock down to centre of additional locking
[C]	Centre of main lock up to centre of additional locking

Since the position of the additional locking also impacts the position of the frame components, the locking pattern also applies to these, especially for striker strips and lever-operated espagnolettes.

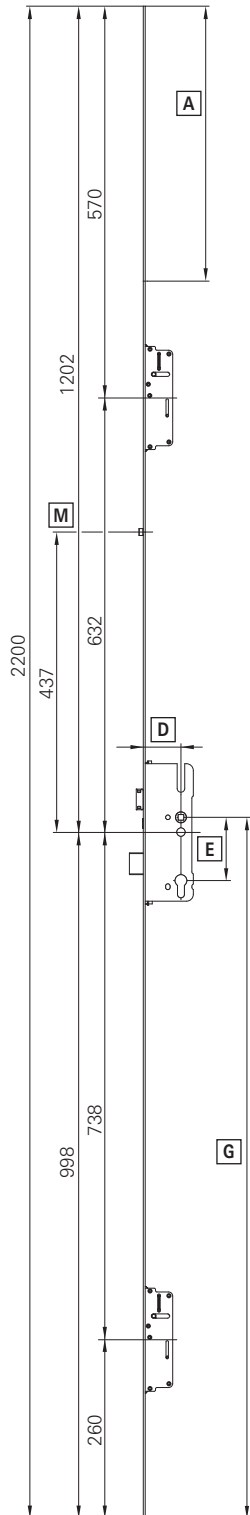
To ensure you choose the multipoint locking with the ideal level of security for your needs, the highest locking point should be lockable at the top where possible and the lowest locking point must be positioned as far down as possible according to the specific sash rebate height (SRH).





Locking pattern	Sash rebate height (SRH)	Details
V02/01	1800 – 2200 mm	→ from page 313
V02+E/01	1800 – 2200 mm	→ from page 314
V02/03	1900 – 2200 mm	→ from page 315
V02+E/03	1900 – 2200 mm	→ from page 316
V02/05	1500 – 1900 mm	→ from page 317
V02+E/05	1500 – 1900 mm	→ from page 318
V02/07	2200 – 2400 mm	→ from page 319
V02+E/07	2200 – 2400 mm	→ from page 320
V02/17	1900 – 2200 mm	→ from page 321
V02/19	2200 – 2400 mm	→ from page 322
V08/17	1900 – 2200 mm	→ from page 323
V18/25	1750 – 2800 mm	→ from page 324
V22/25	1900 – 2200 mm	→ from page 325
V22/27	2200 – 2500 mm	→ from page 326
V52/53	1900 – 2200 mm	→ from page 327
V62/91	1900 – 2200 mm	→ from page 328
V64/95	1650 – 2400 mm	→ from page 329
V66/97	1650 – 2400 mm	→ from page 330





11.1.1 V02/01

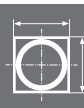


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

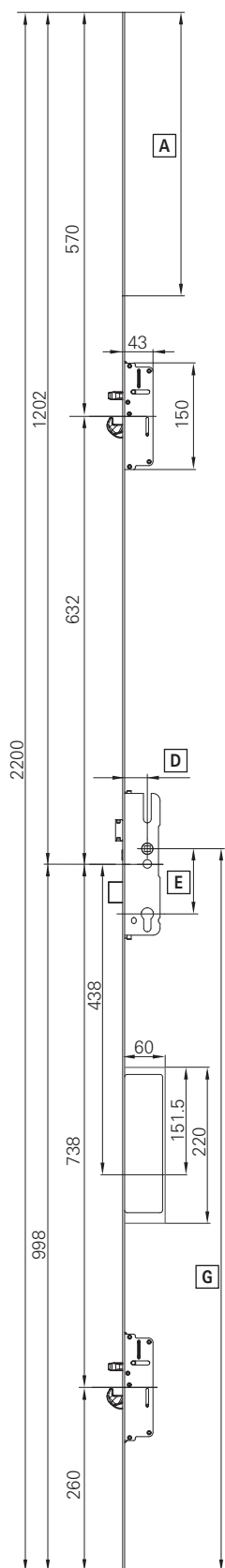


INFO

For detailed dimensions, see the component description.



11.1.2 V02+E/01



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

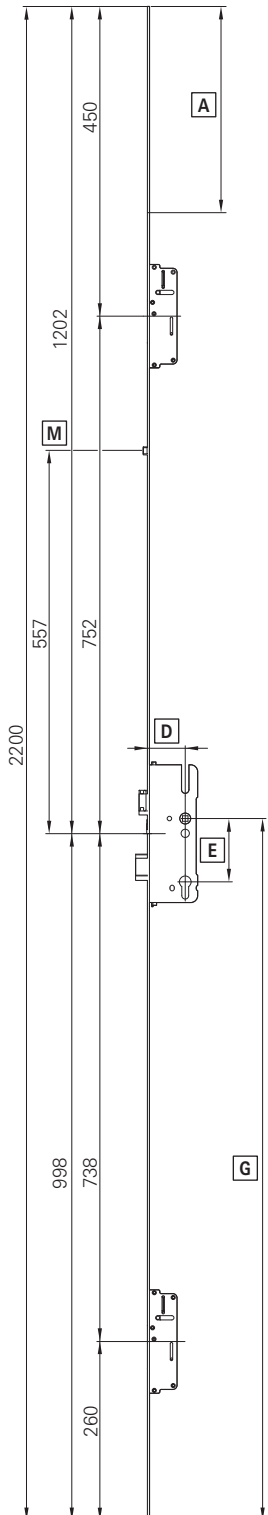






INFO

For detailed dimensions, see the component description.



11.1.3 V02/03



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

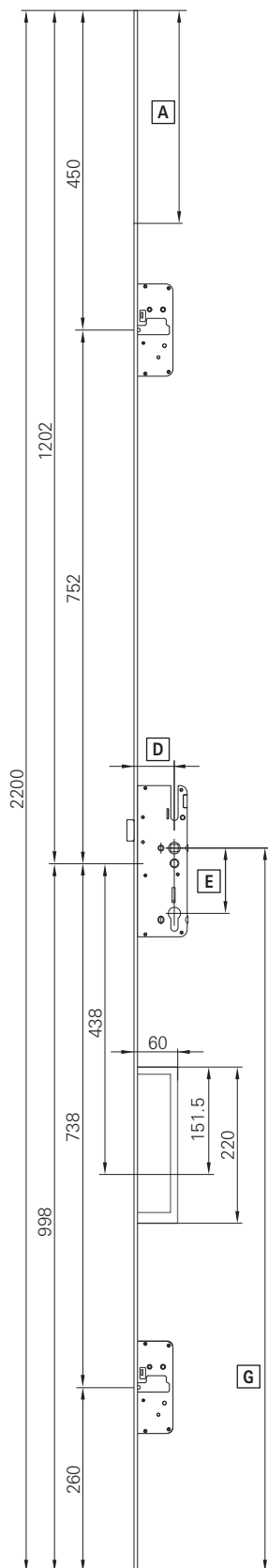


INFO

For detailed dimensions, see the component description.



11.1.4 V02+E/03

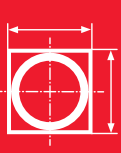


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

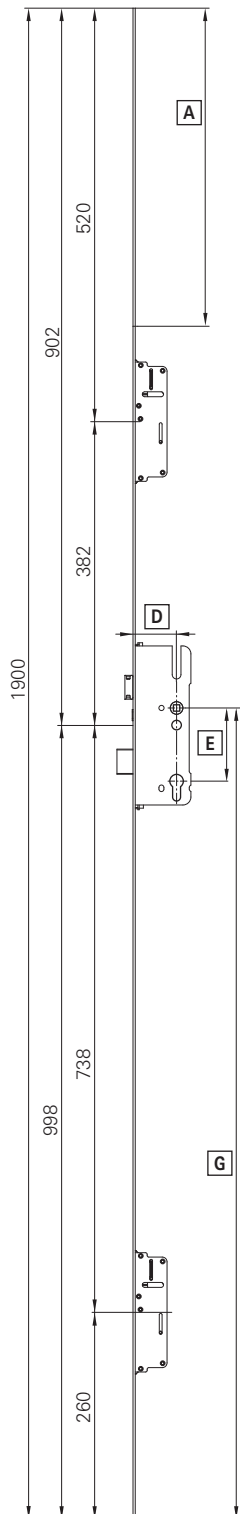






INFO

For detailed dimensions, see the component description.



11.1.5 V02/05



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	—	MVS (optional)

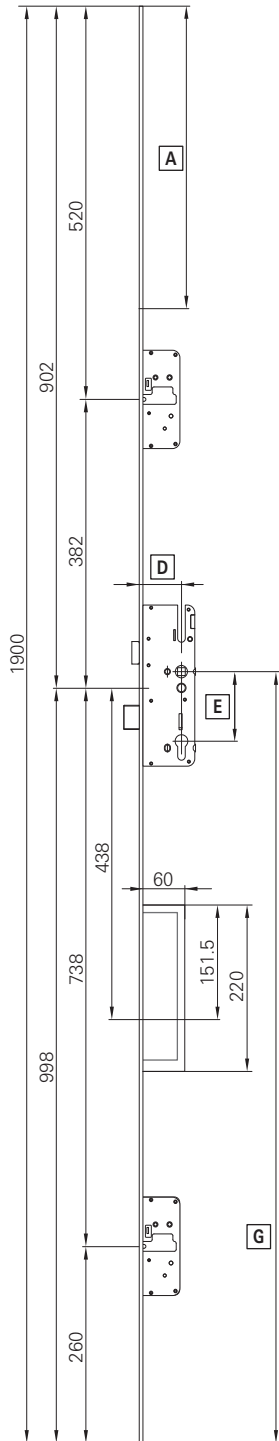


INFO

For detailed dimensions, see the component description.



11.1.6 V02+E/05

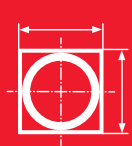


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

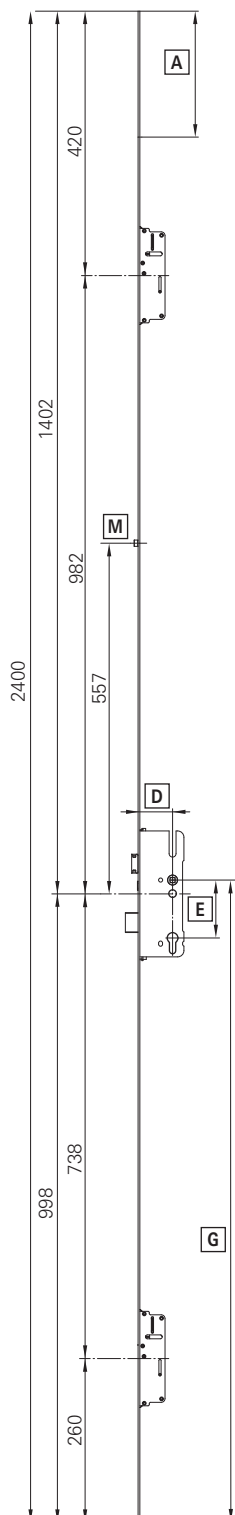


INFO

For detailed dimensions, see the component description.



11.1.7 V02/07



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

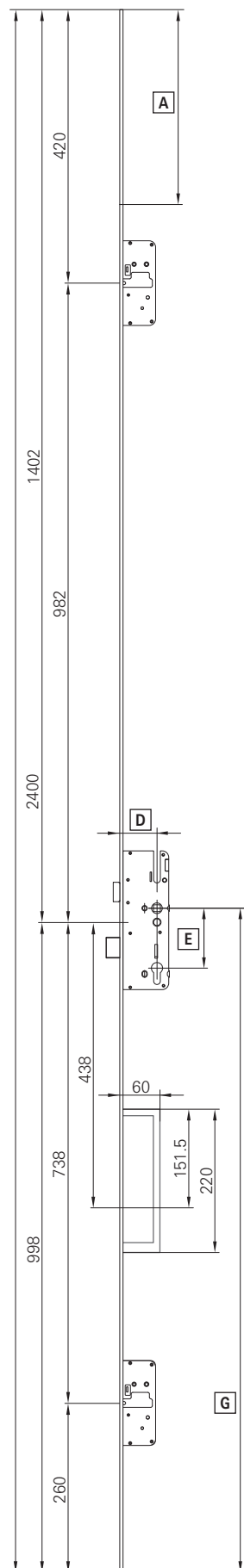


INFO

For detailed dimensions, see the component description.



11.1.8 V02+E/07



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

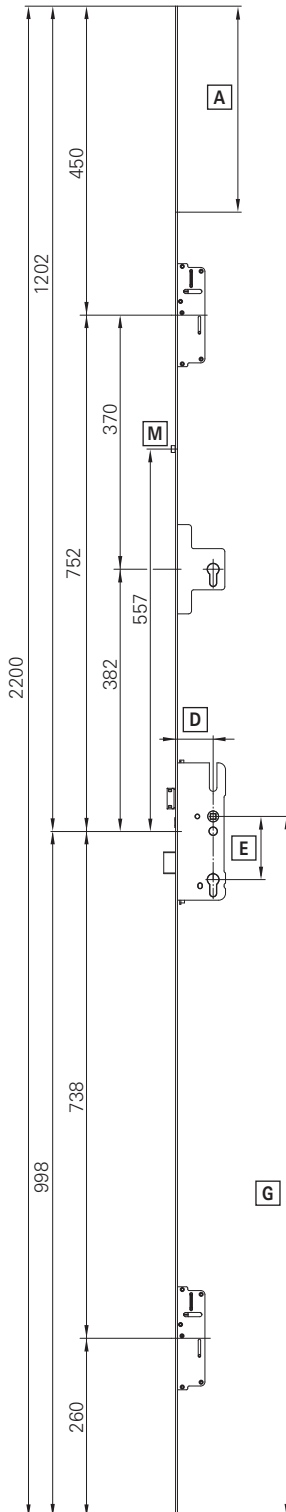






INFO

For detailed dimensions, see the component description.



11.1.9 V02/17

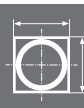


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

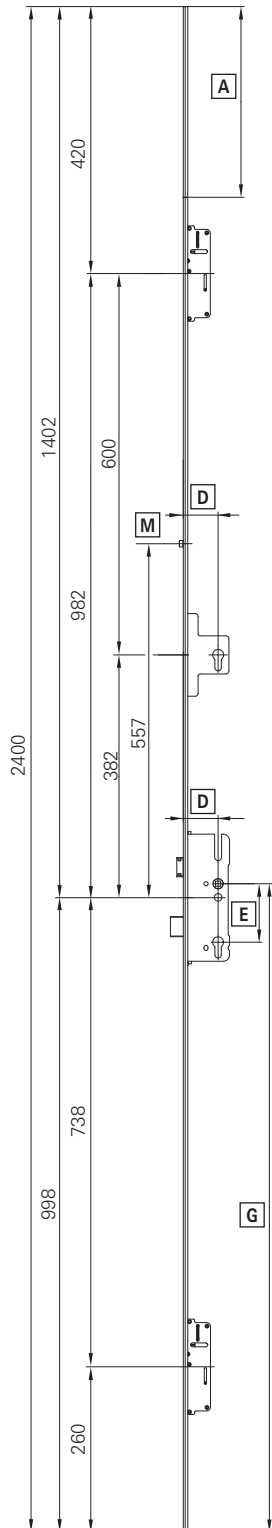


INFO

For detailed dimensions, see the component description.



11.1.10 V02/19



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)



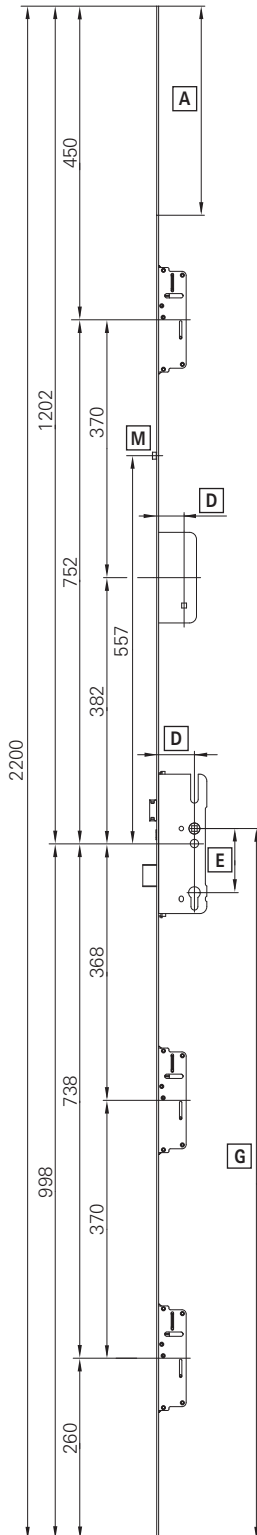
INFO

For detailed dimensions, see the component description.





11.1.11 V08/17

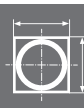


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

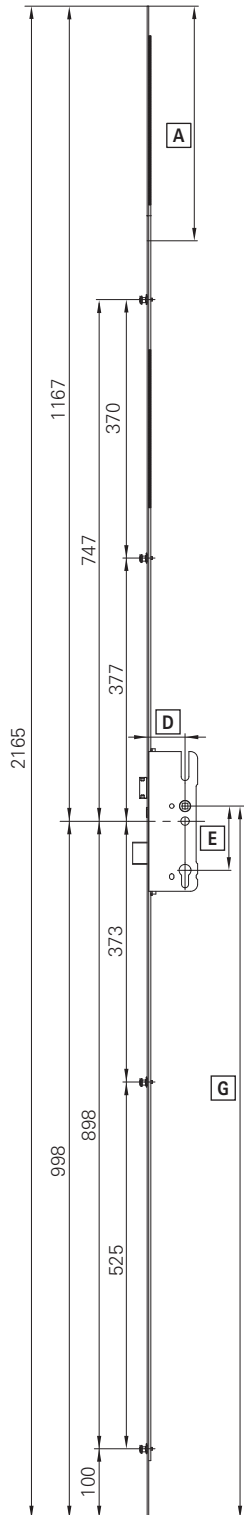


INFO

For detailed dimensions, see the component description.



11.1.12 V18/25



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

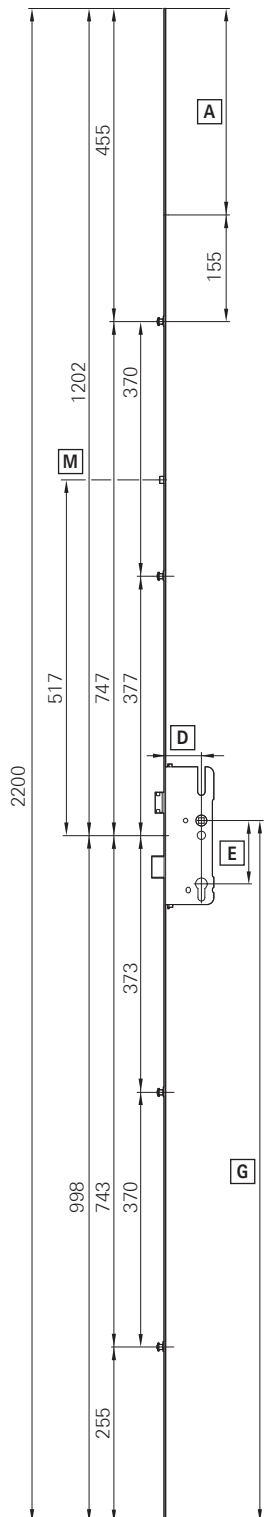






INFO

For detailed dimensions, see the component description.



11.1.13 V22/25

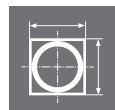


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	–	MVS (optional)

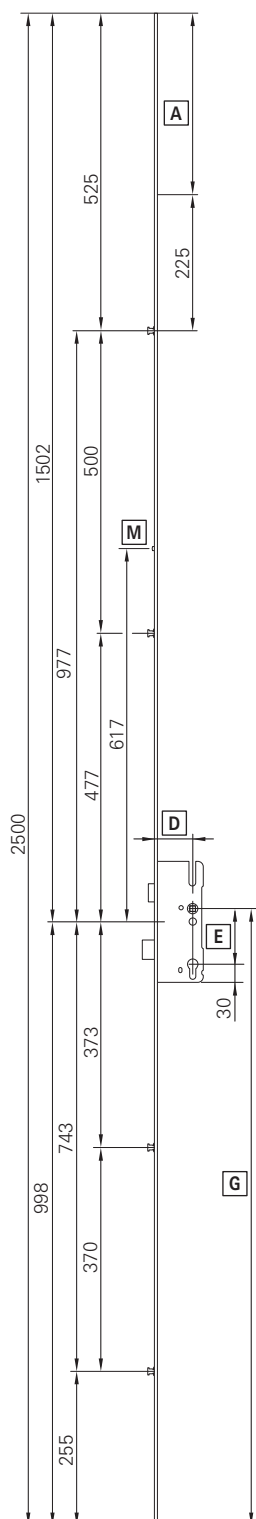


INFO

For detailed dimensions, see the component description.



11.1.14 V22/27



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

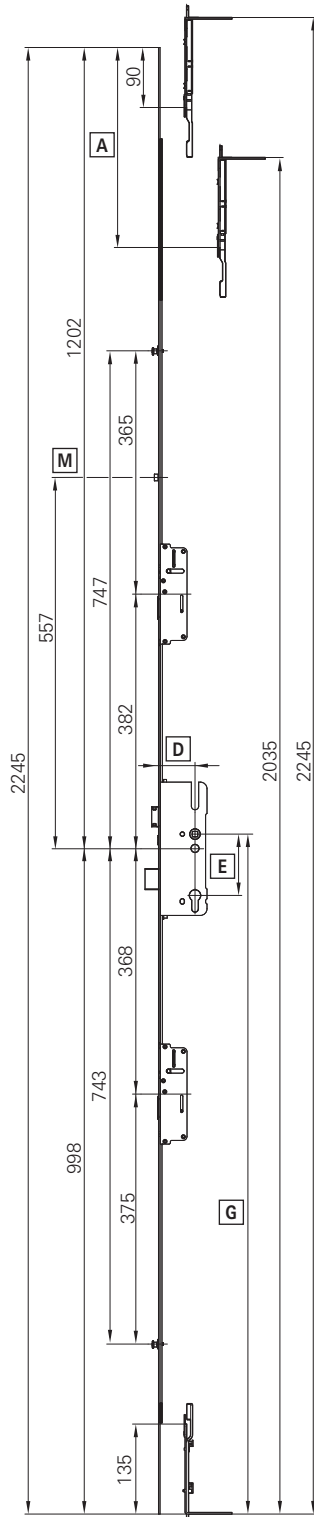


INFO

For detailed dimensions, see the component description.



11.1.15 V52/53

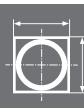


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

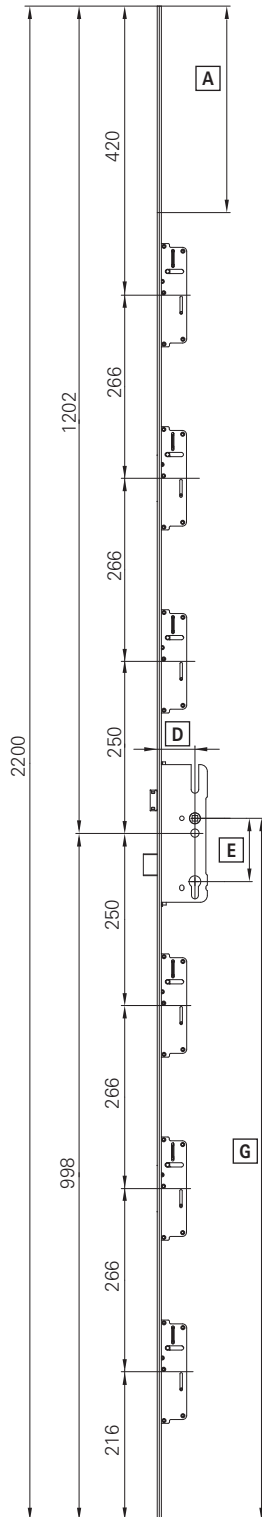


INFO

For detailed dimensions, see the component description.



11.1.16 V62/91

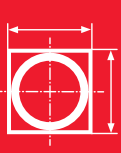


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

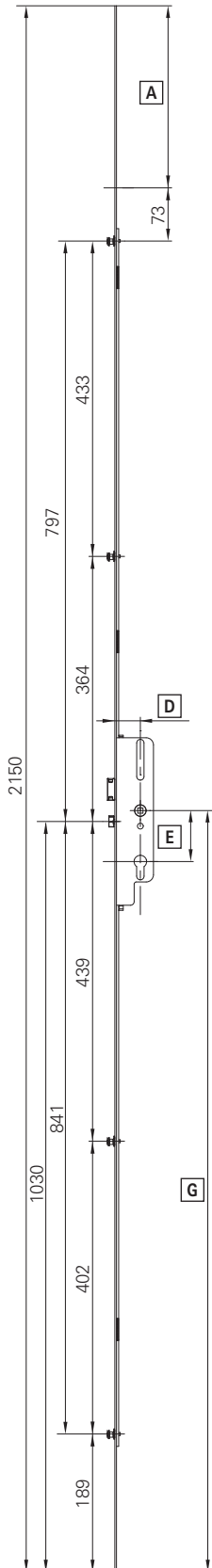


INFO

For detailed dimensions, see the component description.



11.1.17 V64/95

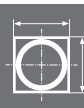


Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)

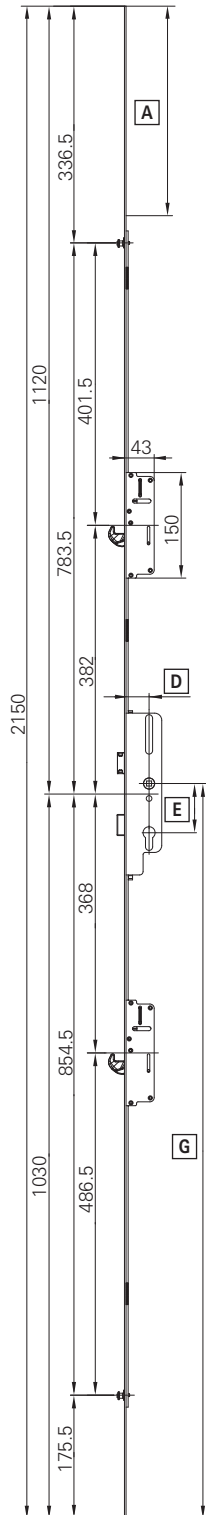


INFO

For detailed dimensions, see the component description.



11.1.18 V66/97



Assignment	Symbol	Meaning
[A]		Cropping range
[D]		Backset
[E]		Distance
[G]		Handle height
[M]	-	MVS (optional)



INFO

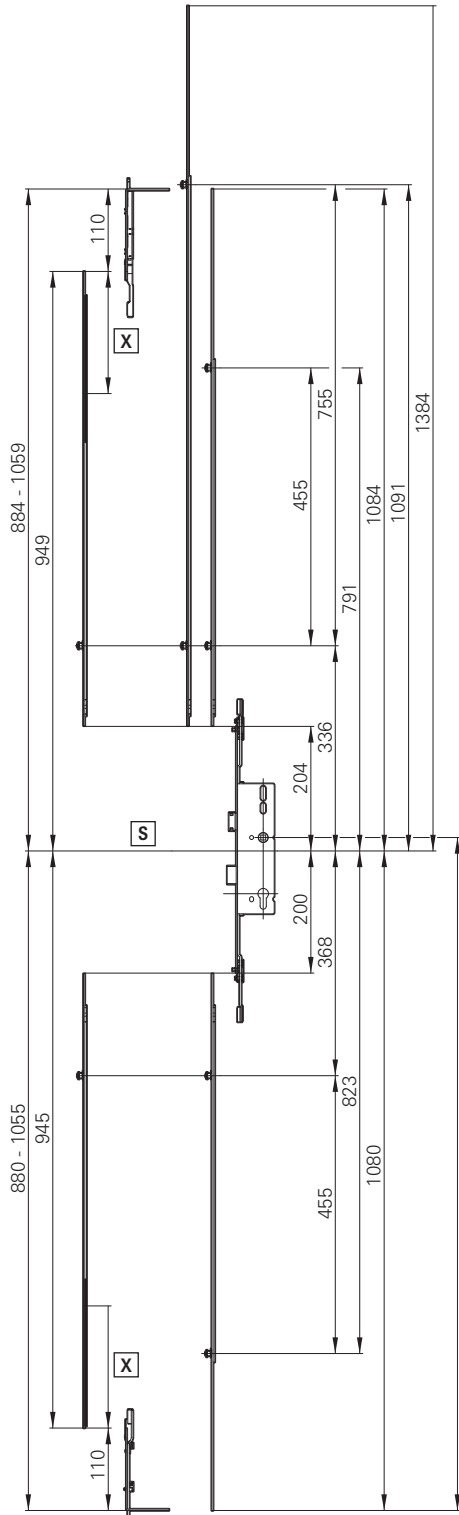
For detailed dimensions, see the component description.



11.2 Detailed dimensions

11.2.1 Multipoint lockings

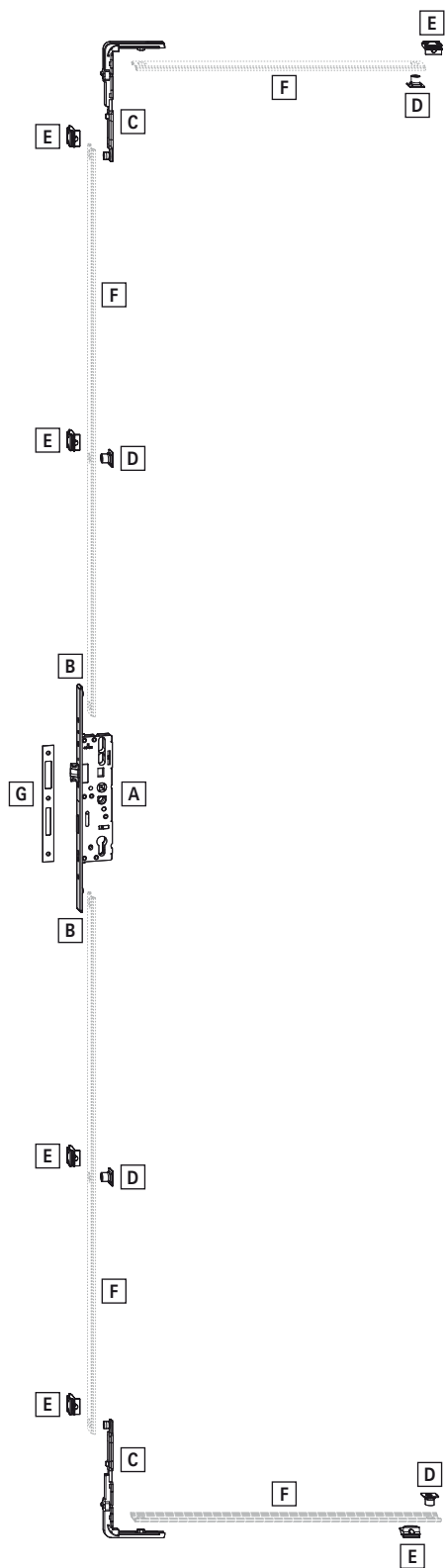
11.2.1.1 H650 – three-part



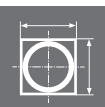
Assignment	Meaning	Value
[S]	Centre of main lock	-
[X]	Cropping range	200 mm



11.2.1.2 H650 – AL



Assignment	Meaning
[A]	H650 main lock – AL
[B]	End cap
[C]	Corner drive
[D]	Cam
[E]	Cam striker
[F]	Connecting rod
[G]	Latch / deadbolt striker plate

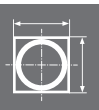
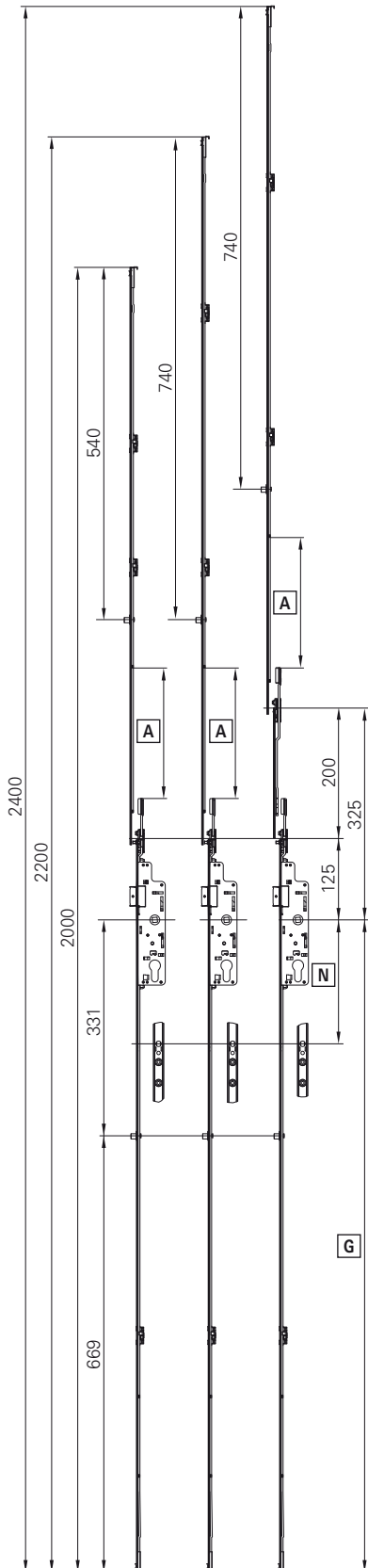




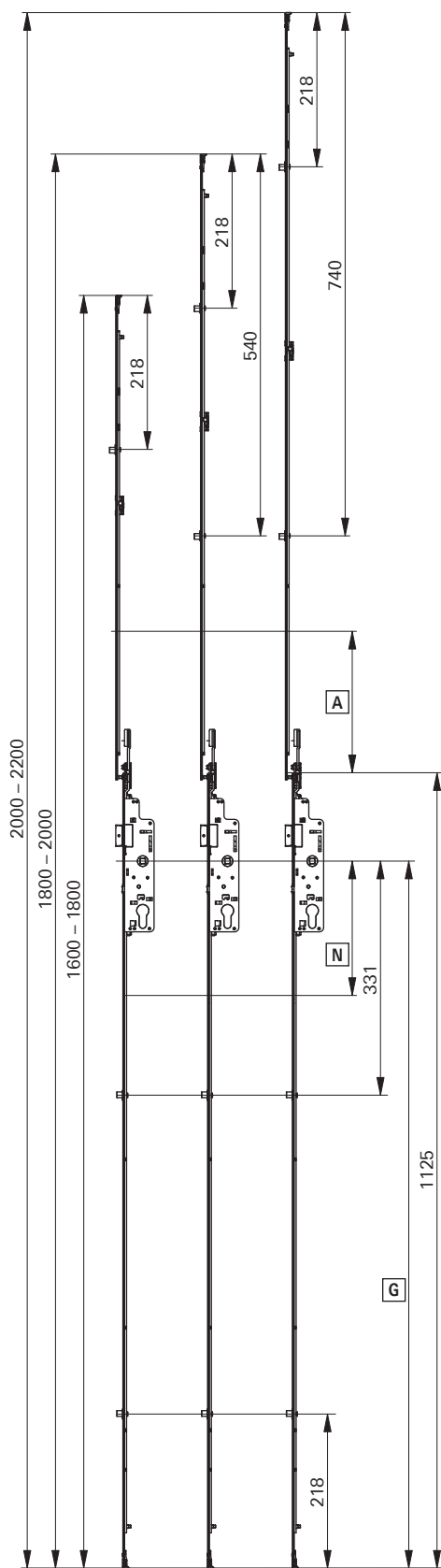
11.2.1.3 H100

2 additional lockings (2E) – couplable / with protrusion

Assignment	Meaning	Value
[A]	Cropping range	-
[G]	Handle height	-
[N]	Lifting mishandling device	190 mm



4 additional lockings (4E, 4P) – couplable / without protrusion



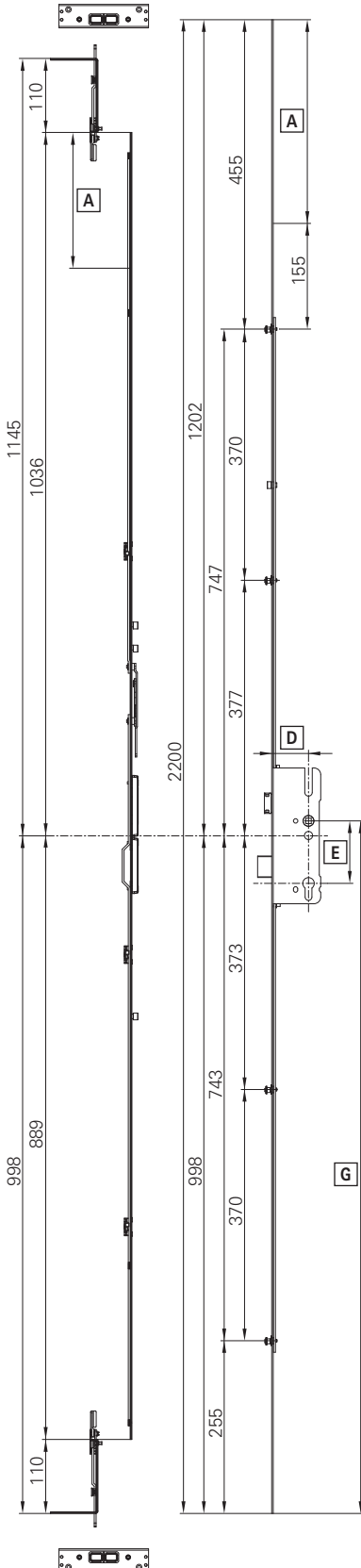
Assignment	Meaning	Value
[A]	Cropping range	–
[G]	Handle height	–
[N]	Lifting mishandling device	190 mm





11.2.2 Double-leafed doors

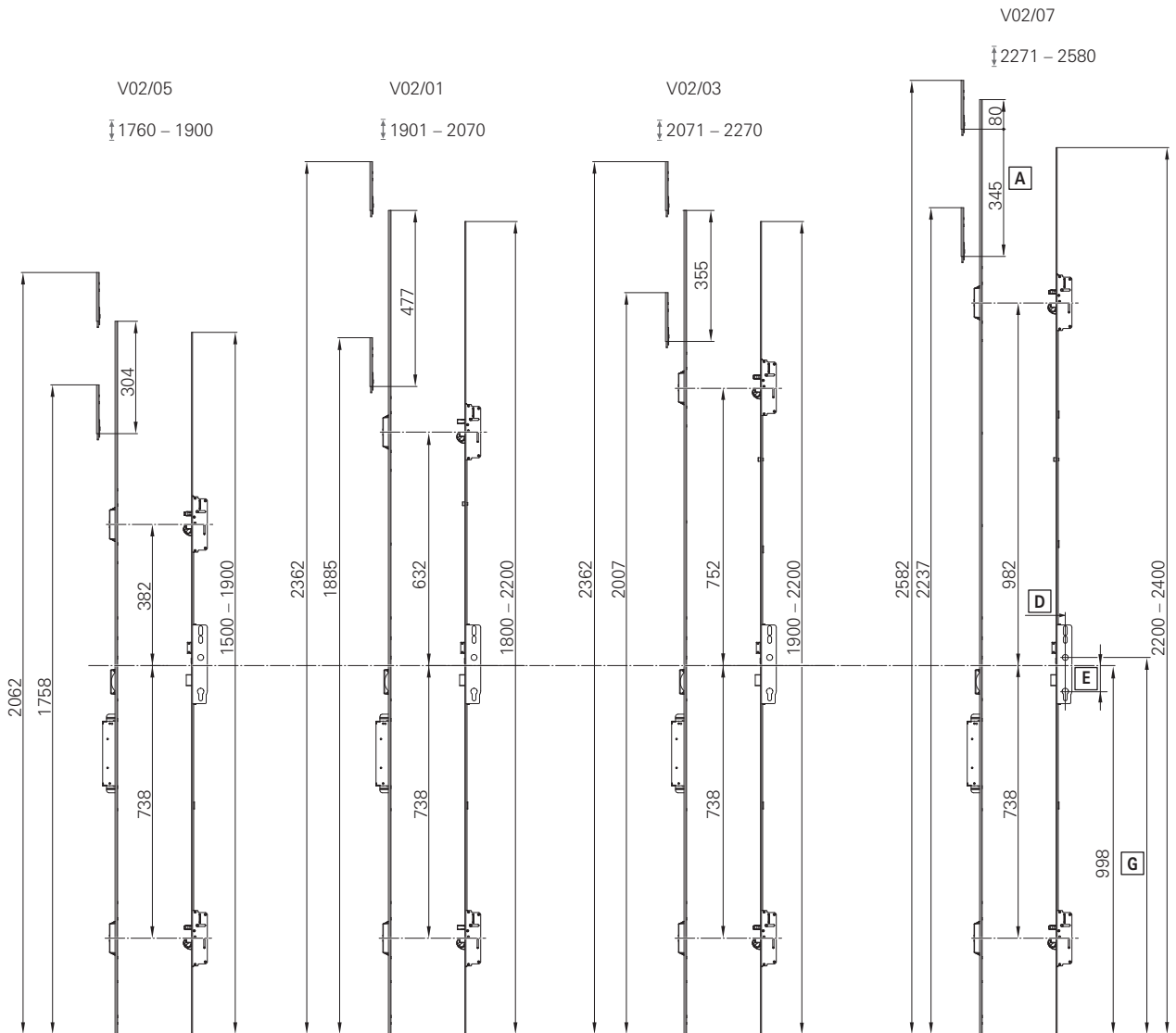
11.2.2.1 Lever-operated espagnolette | 4 additional lockings (4E, 4V)



Assignment	Meaning
[A]	Cropping range
[D]	Backset
[E]	Distance
[G]	Handle height

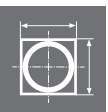


11.2.2.2 Lever-operated espagnolette | 2 additional lockings (2CB, 2CH, 2C, 2AH)



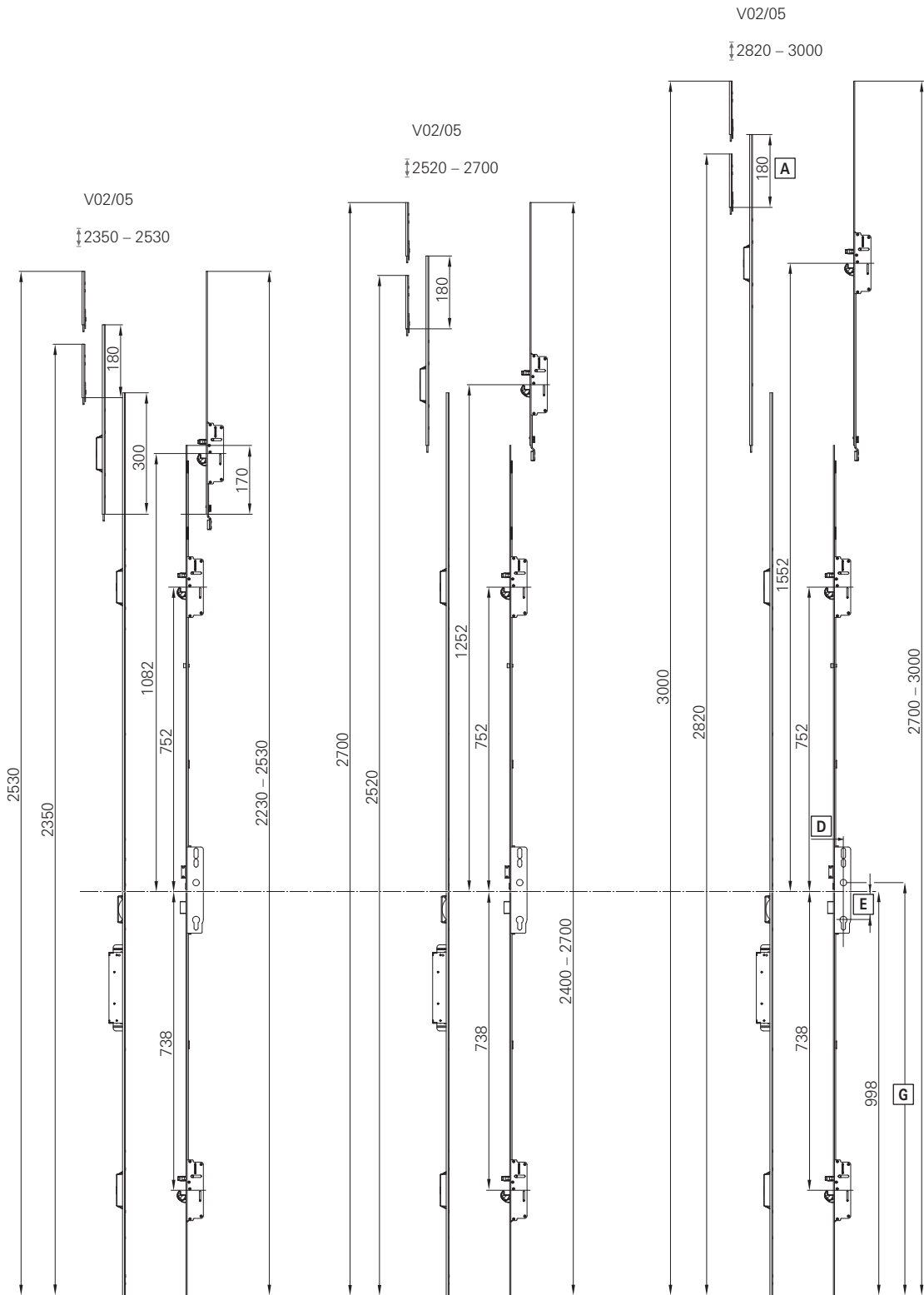
Assignment	Meaning
[A]	Cropping range
[D]	Backset
[E]	Distance

Assignment	Meaning
[G]	Handle height





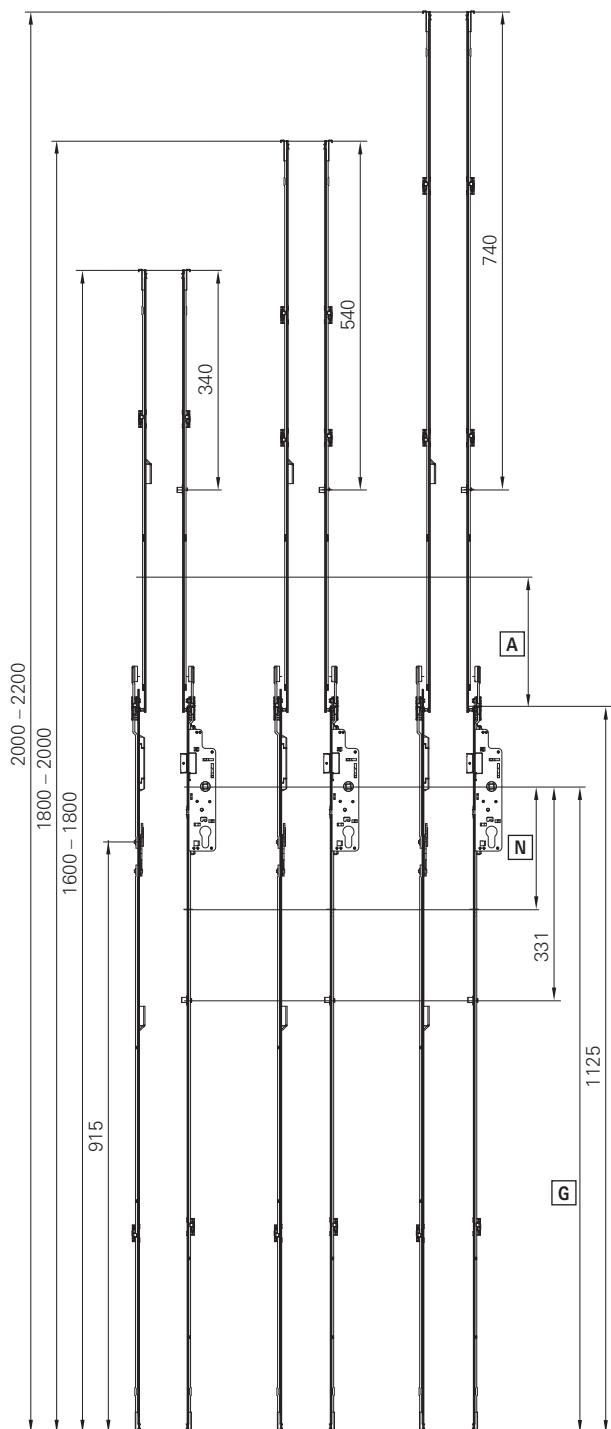
11.2.2.3 Lever-operated espagnolette | 3 additional lockings (3CB, 3CH, 3C, 3AH) – couplable



Assignment	Meaning
[A]	Cropping range
[D]	Backset
[E]	Distance

Assignment	Meaning
[G]	Handle height

11.2.2.4 Lever-operated espagnolette | H100 (2E)



Assignment	Meaning	Value
[A]	Cropping range	-
[G]	Handle height	-
[N]	Lifting mishandling device	190 mm



INFO

Cropping and installation only when open.

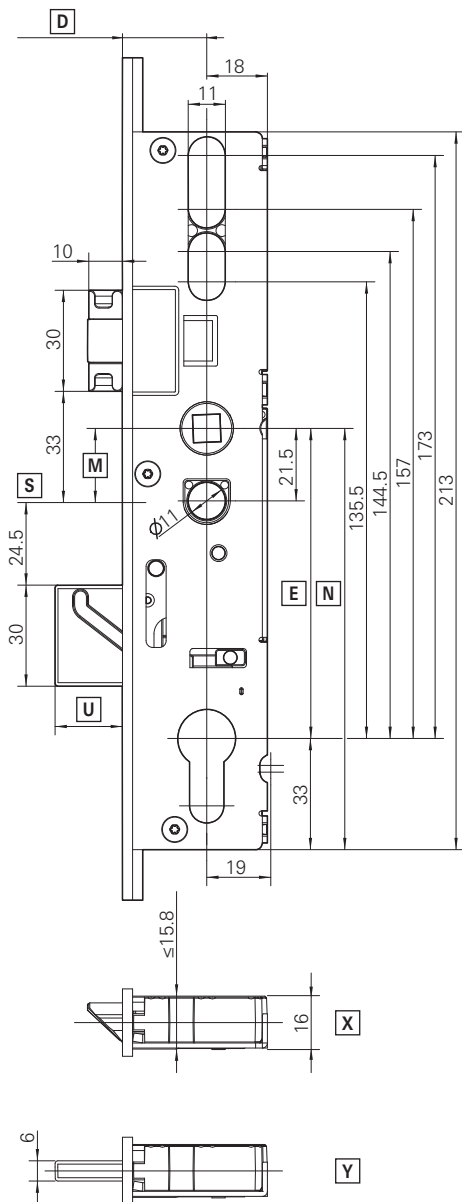




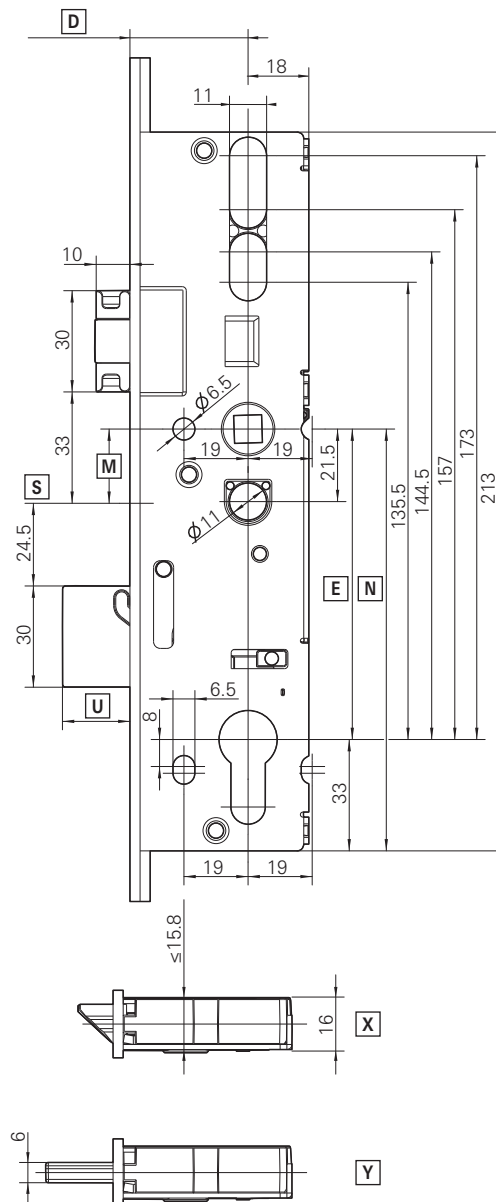
11.2.3 Main locks

11.2.3.1 H650

H650 main lock | Backset 25, 28 mm

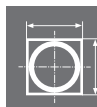


H650 main lock | Backset from 35 mm

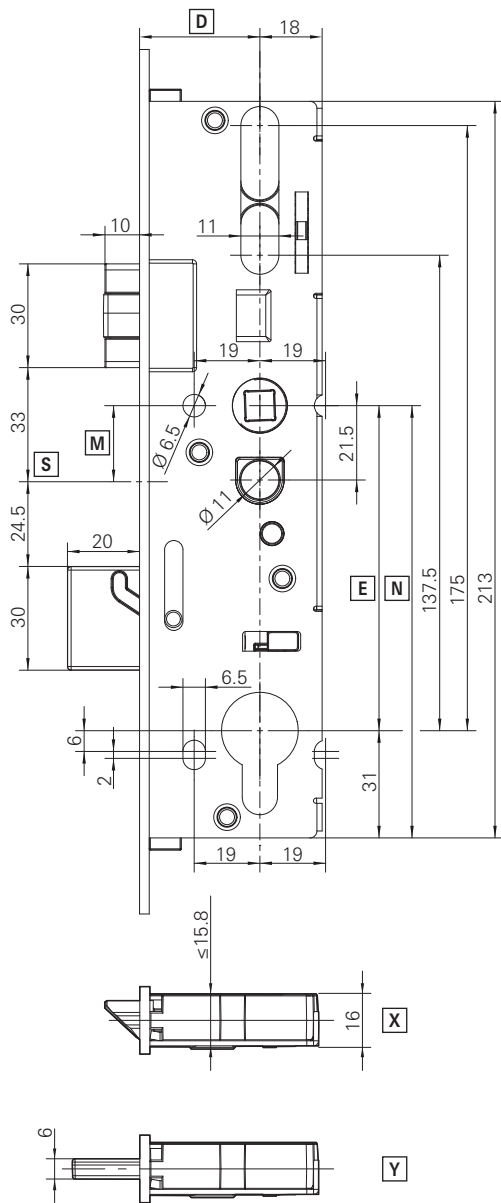


Assignment	Meaning	Value
[D]	Backset	25 and 28 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

Assignment	Meaning	Value
[D]	Backset	35 to 65 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



H650 main lock | Backset from 35 mm (round cylinder)



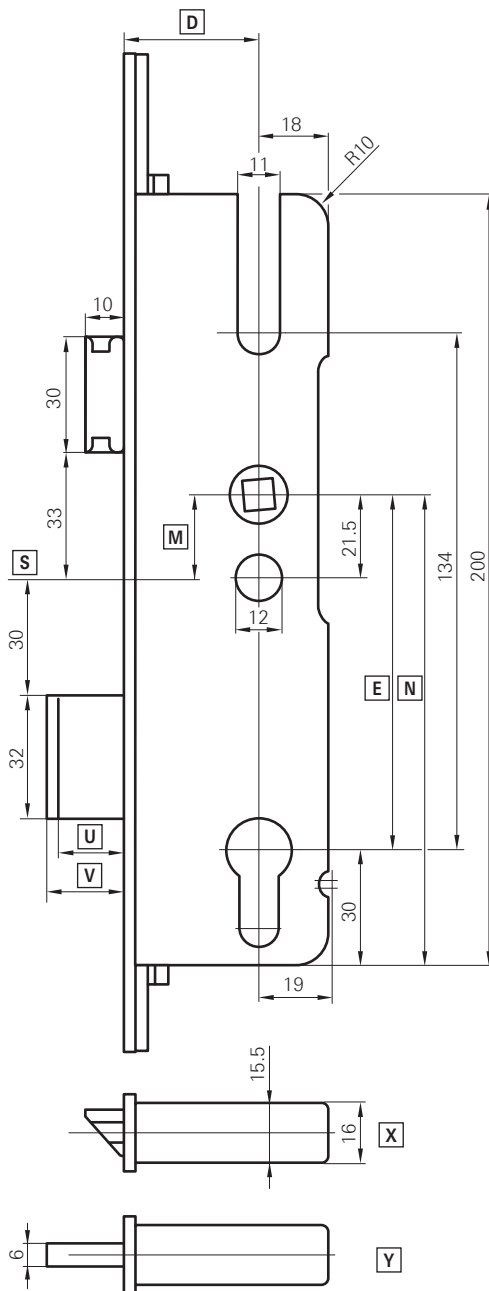
Assignment	Meaning	Value
[D]	Backset	35 to 65 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-





11.2.3.2 C500

C500 main lock | Backset 35, 40 mm



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	85 mm 88 mm
[M]	Centre of spindle-receiver to centre of main lock	15 mm 18 mm
[N]	Centre of spindle-receiver to lower edge of main lock	115 mm 118 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion with 35 mm backset	17 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

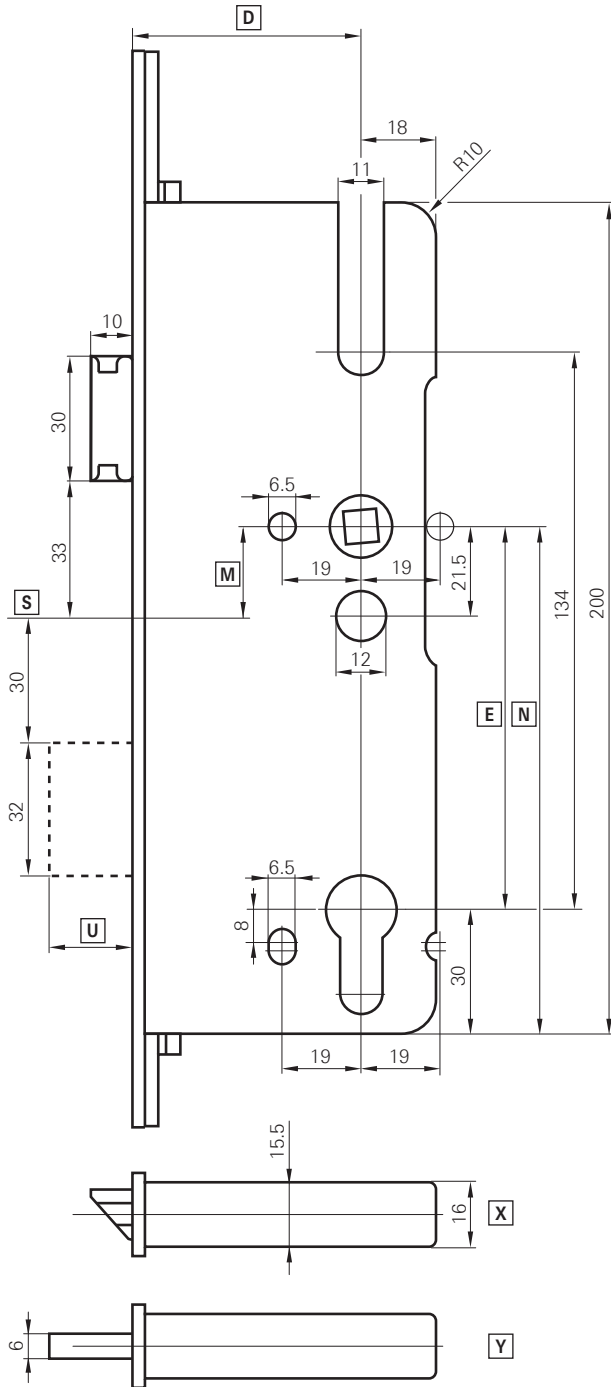


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



C500 main lock | Backset from 45 mm



Assignment	Meaning	Value
[D]	Backset	45 to 80 mm
[E]	Distance	72 mm 85 mm 88 mm
[M]	Centre of spindle-receiver to centre of main lock	2 mm 15 mm 18 mm
[N]	Centre of spindle-receiver to lower edge of main lock	102 mm 115 mm 118 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



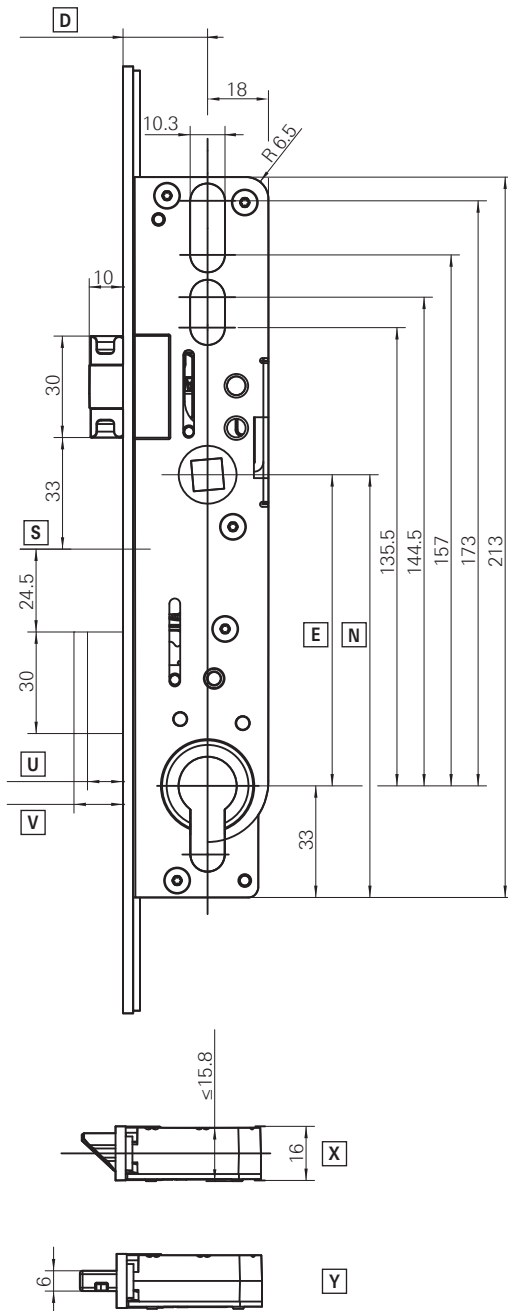
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.3 C600

C600 main lock | Backset 25, 30 mm



Assignment	Meaning	Value
[D]	Backset	25 and 30 mm
[E]	Distance	92 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion with 25 mm backset	10.5 mm
[V]	Deadbolt protrusion with 30 mm backset	14.5 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

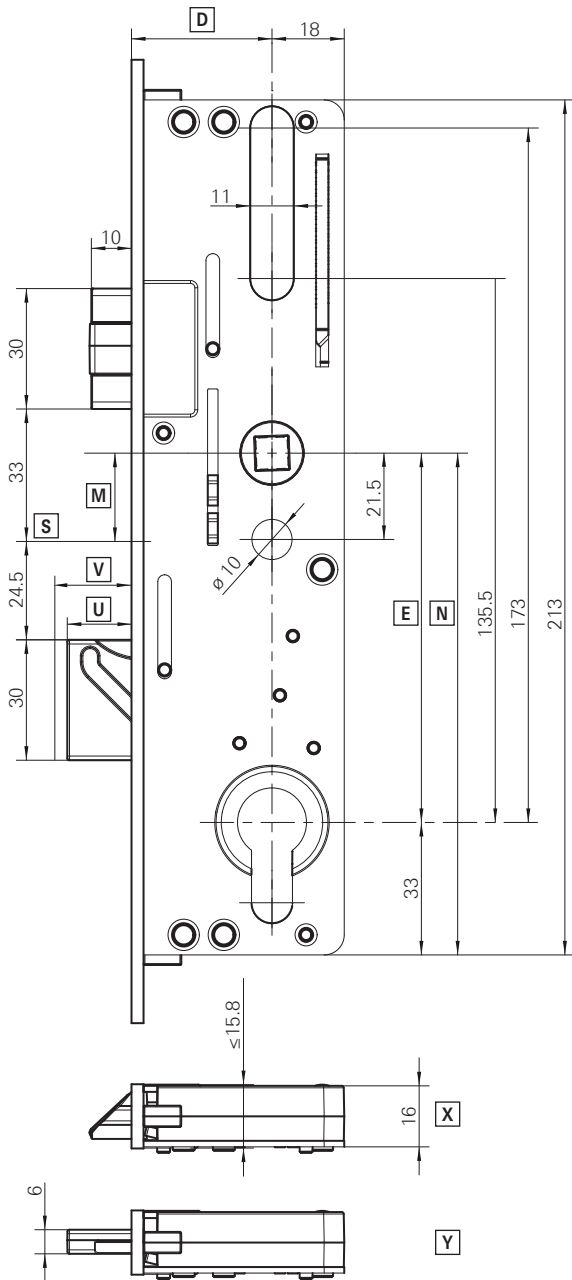


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



C600 main lock | Backset 35, 40 mm



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion with 35 mm backset	16 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

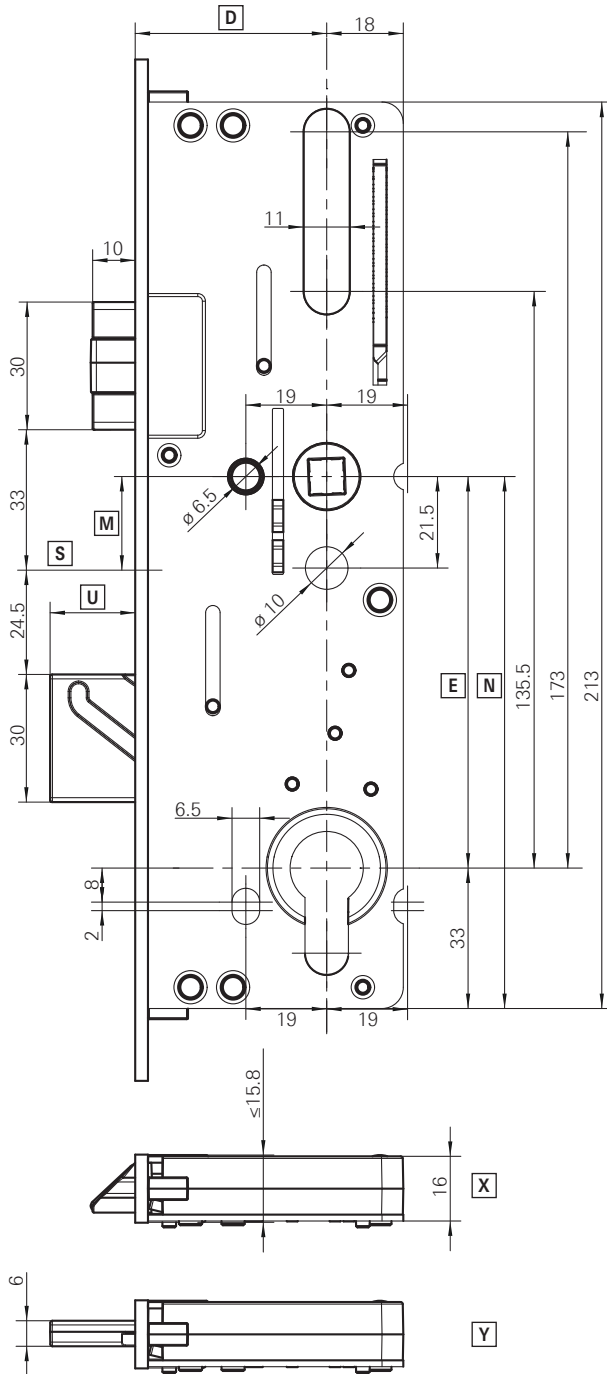


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



C600 main lock | Backset from 45 mm

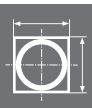


Assignment	Meaning	Value
[D]	Backset	45 to 65 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

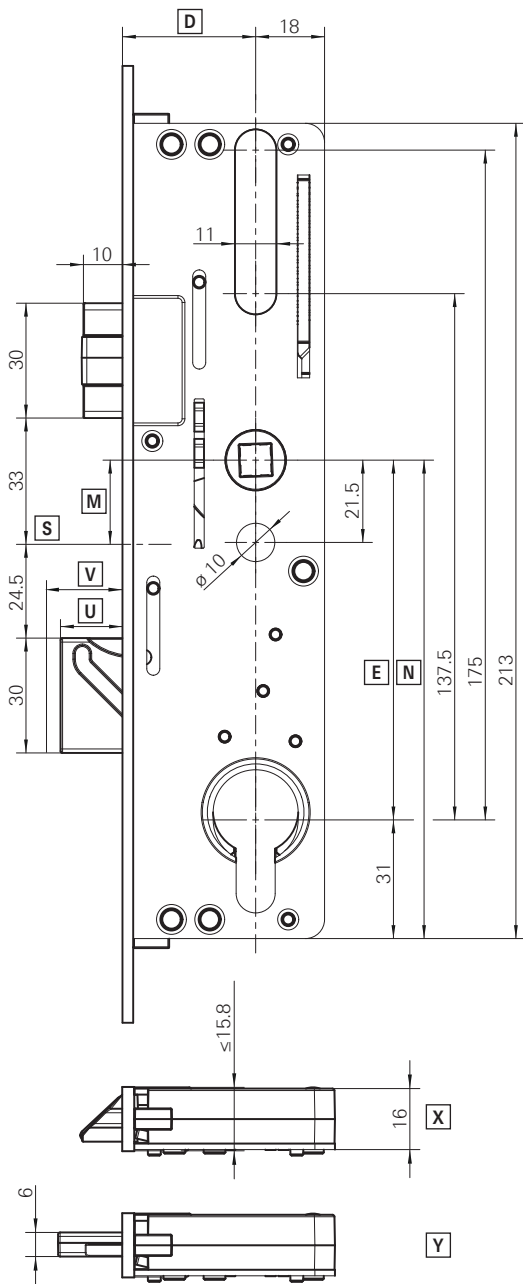


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



C600 main lock | Backset 35, 40 mm (round cylinder)



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion with 35 mm backset	16 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

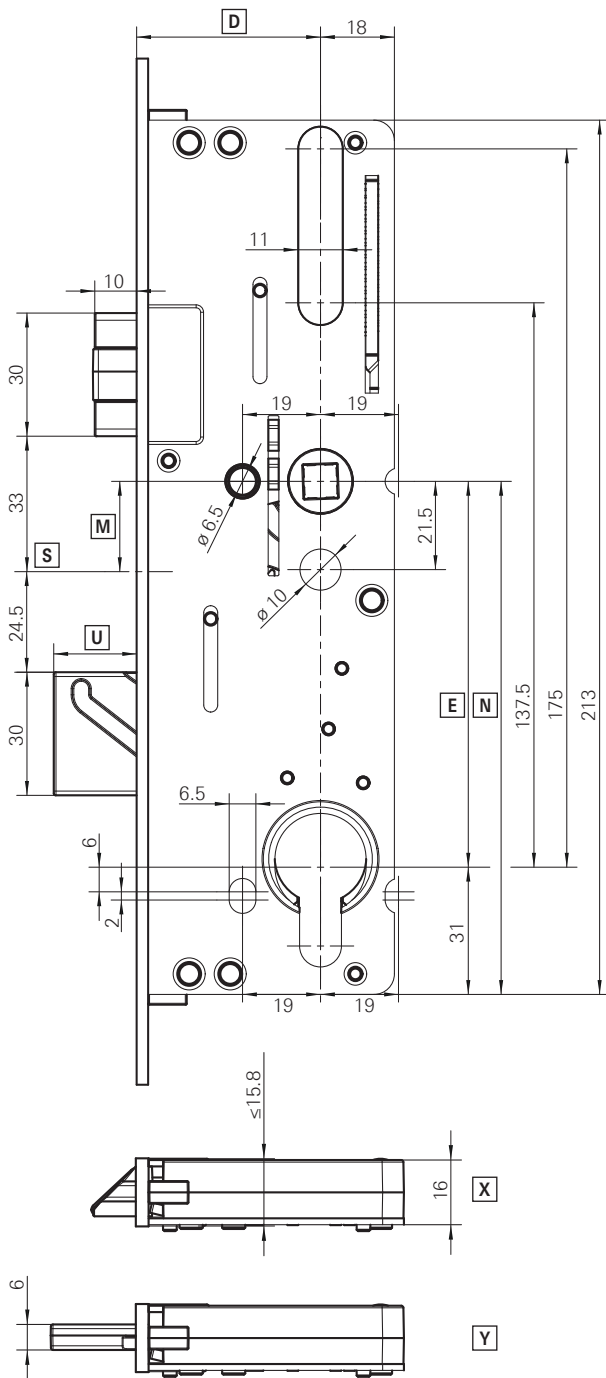


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



C600 main lock | Backset from 45 mm (round cylinder)



Assignment	Meaning	Value
[D]	Backset	45 to 65 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



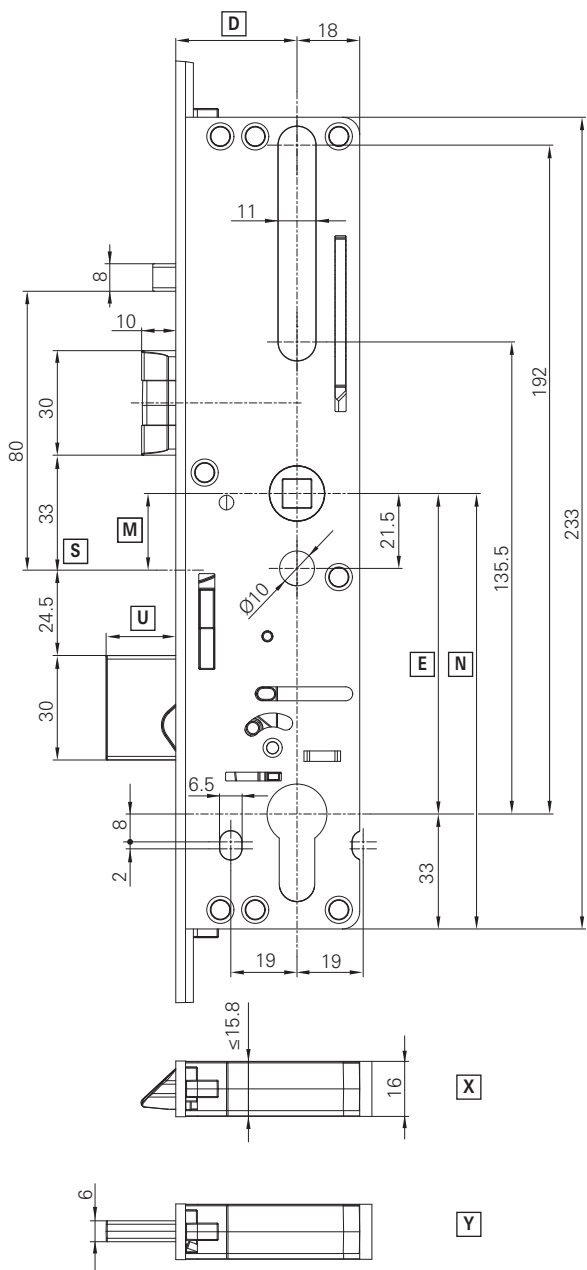
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.4 A700 – Tandeo

Main lock A700 – Tandeo | Backset from 35 mm



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	–
[U]	Deadbolt protrusion with 35 mm backset	16 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	–
[Y]	Deadbolt	–

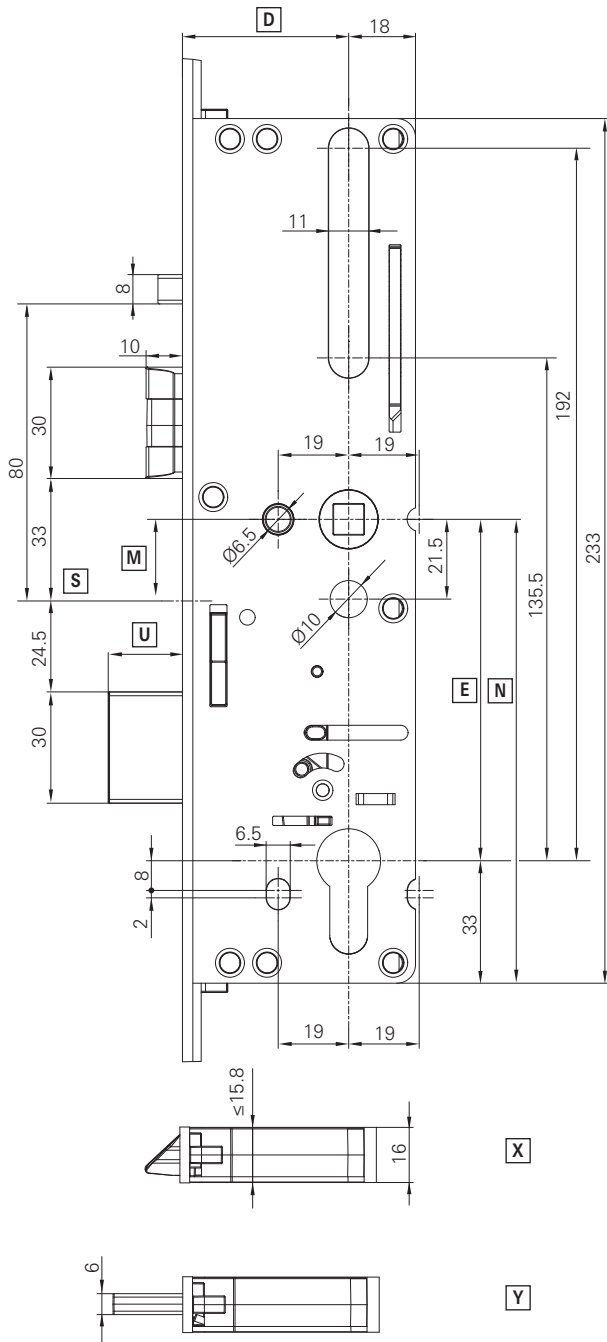


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock A700 – Tandee | Backset from 45 mm

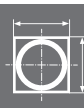


Assignment	Meaning	Value
[D]	Backset	45 to 80 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

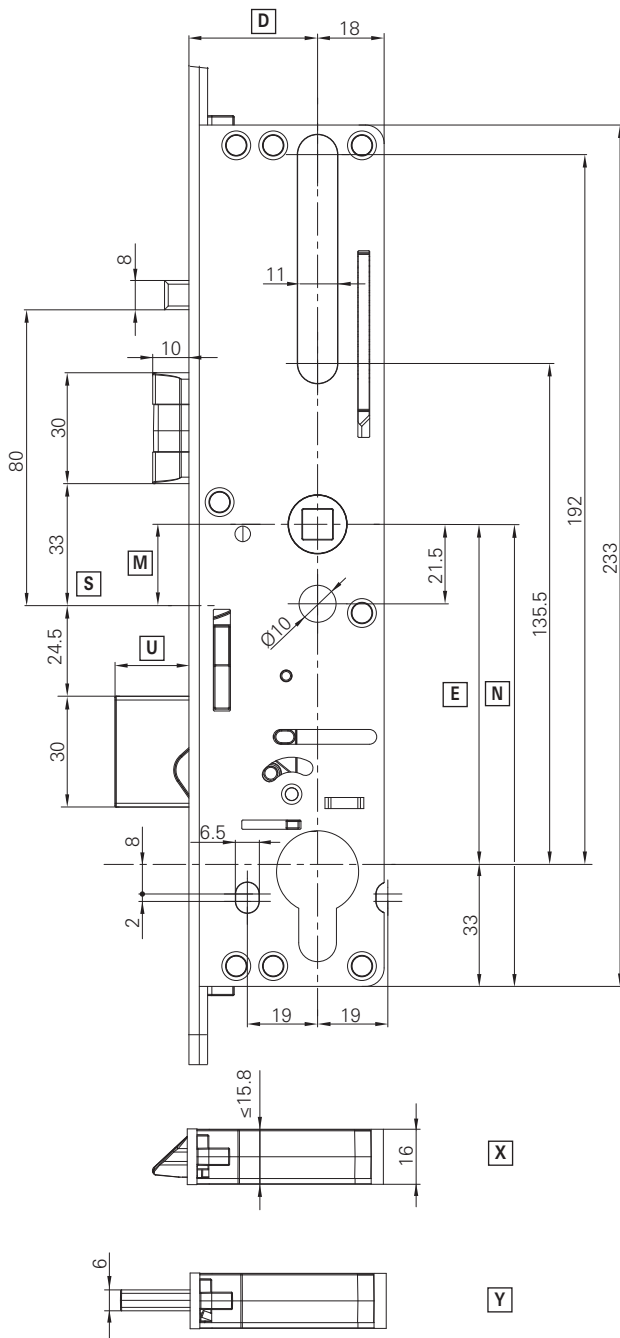


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock A700 – Tandeo | Backset from 35 mm (round cylinder)



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	–
[U]	Deadbolt protrusion with 35 mm backset	16 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	–
[Y]	Deadbolt	–

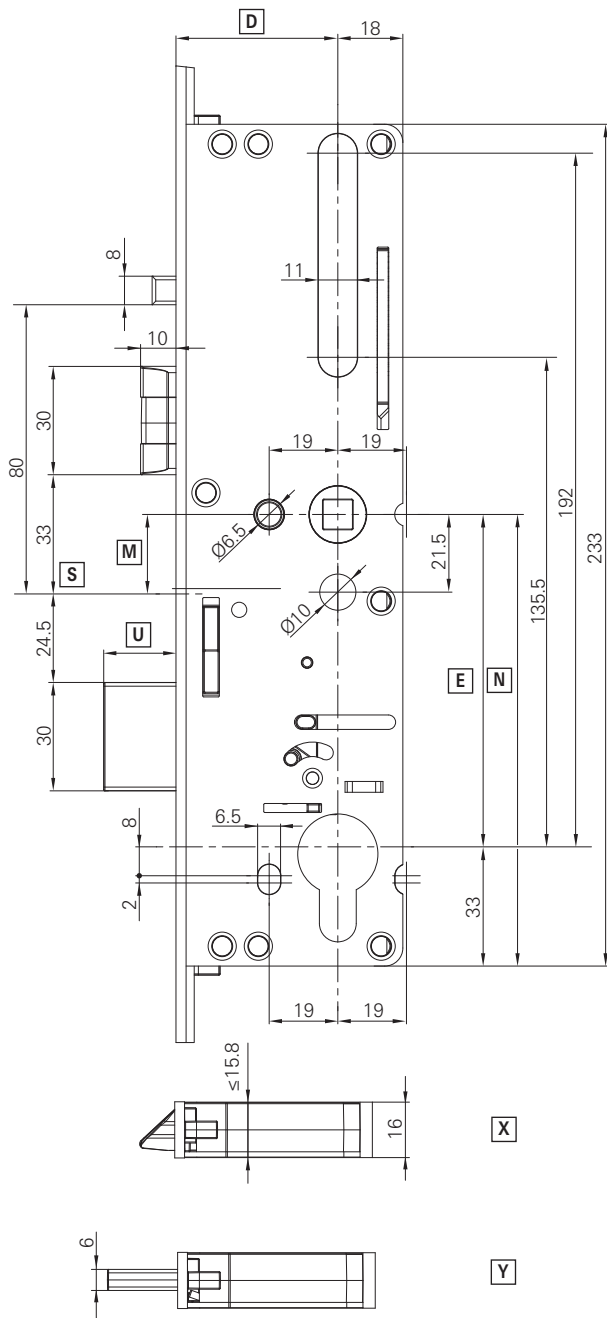


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock A700 – Tandeo | Backset from 45 mm (round cylinder)

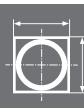


Assignment	Meaning	Value
[D]	Backset	45 to 80 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



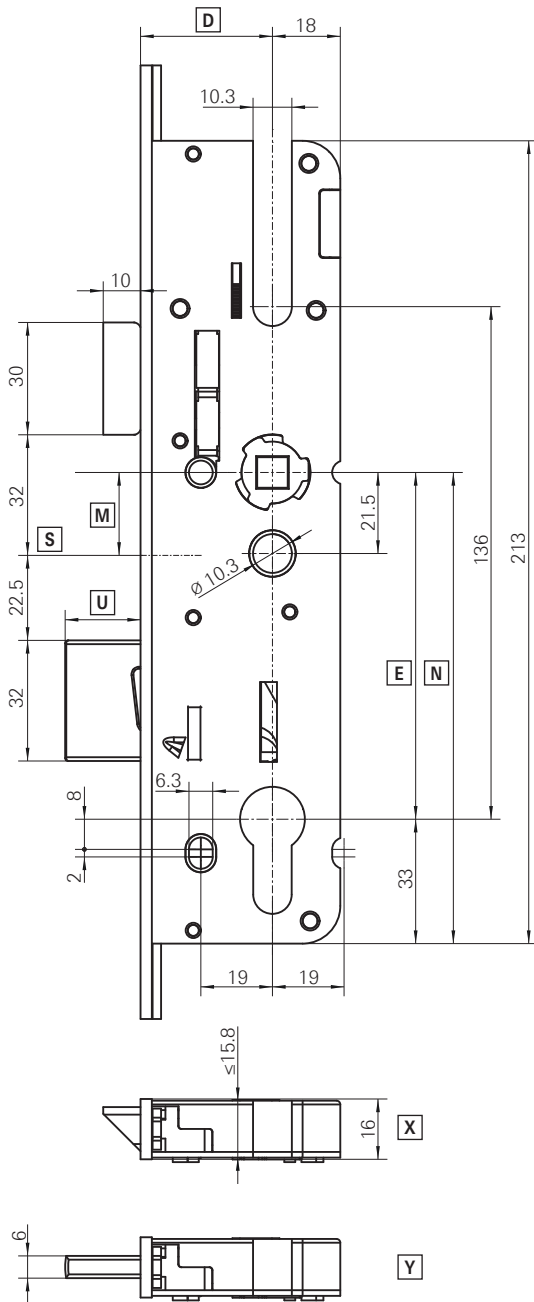
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.5 E600 – Eneo A

Main lock E600 – Eneo A | Backset from 35 mm



Assignment	Meaning	Value
[D]	Backset	35 to 80 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

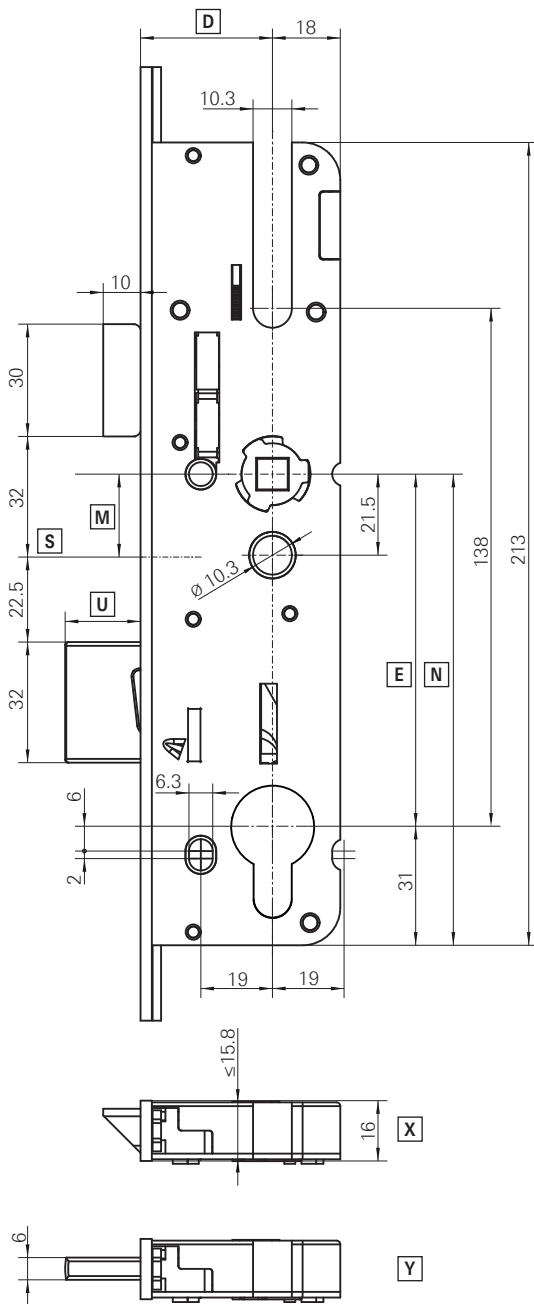


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock E600 – Eneo A | Backset from 35 mm (round cylinder)

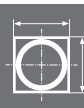


Assignment	Meaning	Value
[D]	Backset	35 to 80 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



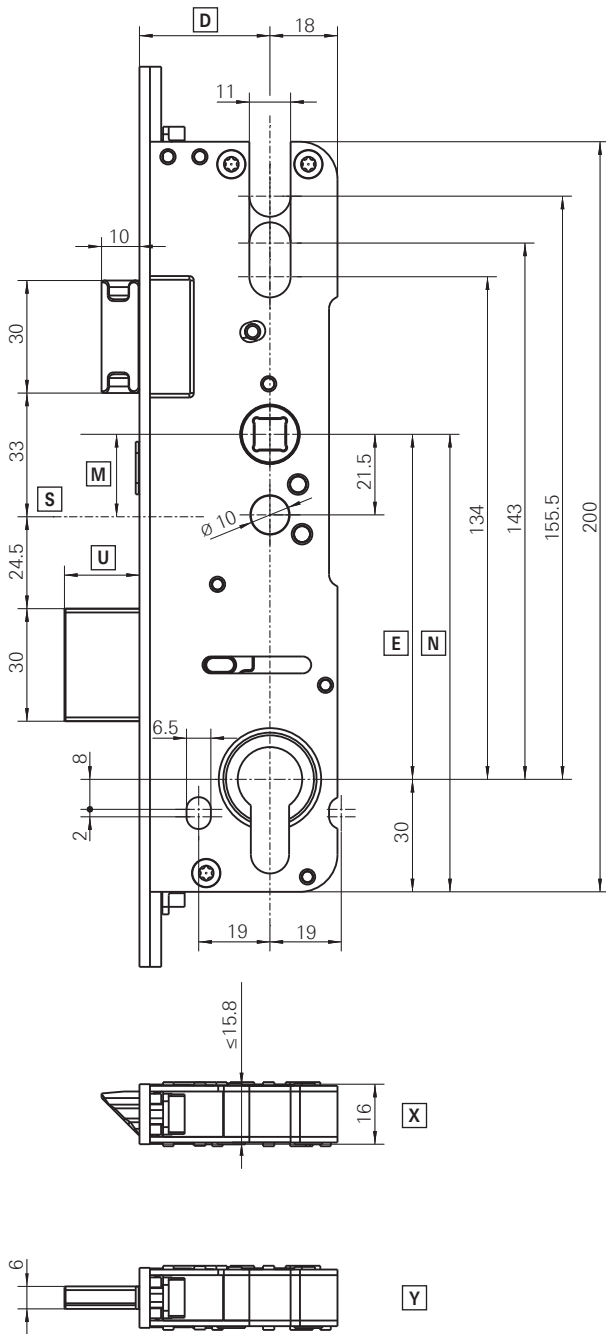
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.6 E610 – Eneo CC

E610 – Eneo CC | Backset from 35 mm



Assignment	Meaning	Value
[D]	Backset	35 to 80 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	122 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



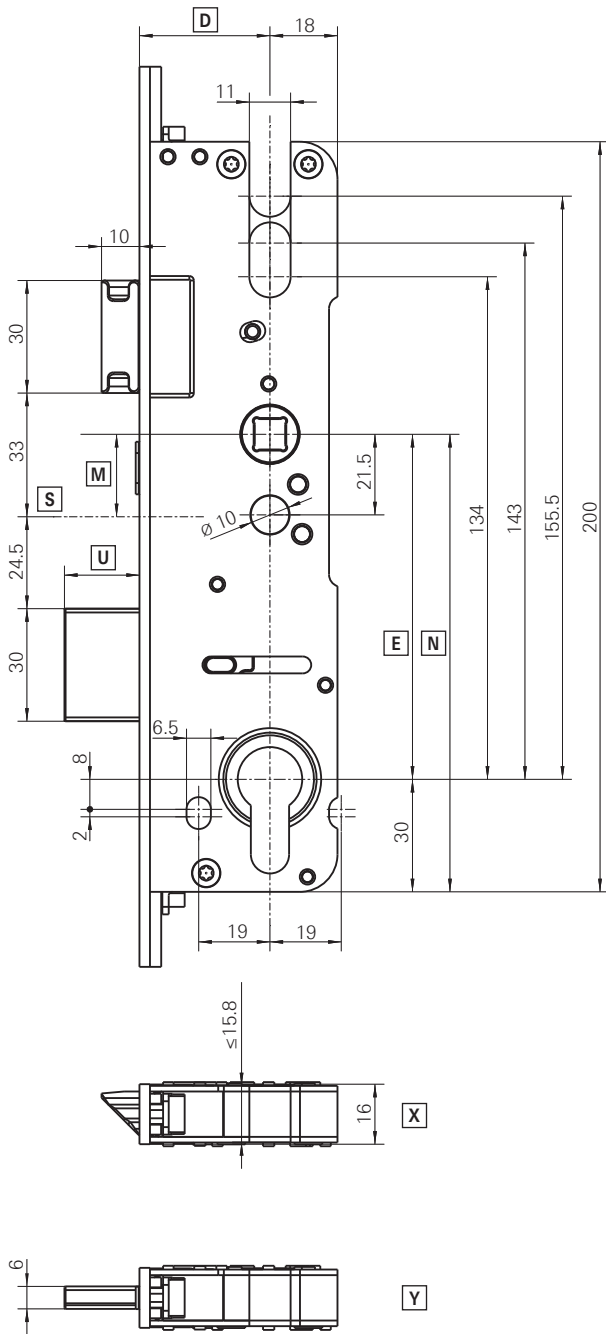
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.7 E611 – Eneo CF

E611 – Eneo CF | Backset from 35 mm

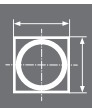


Assignment	Meaning	Value
[D]	Backset	35 to 80 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	122 mm
[S]	Centre of main lock	–
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	–
[Y]	Deadbolt	–



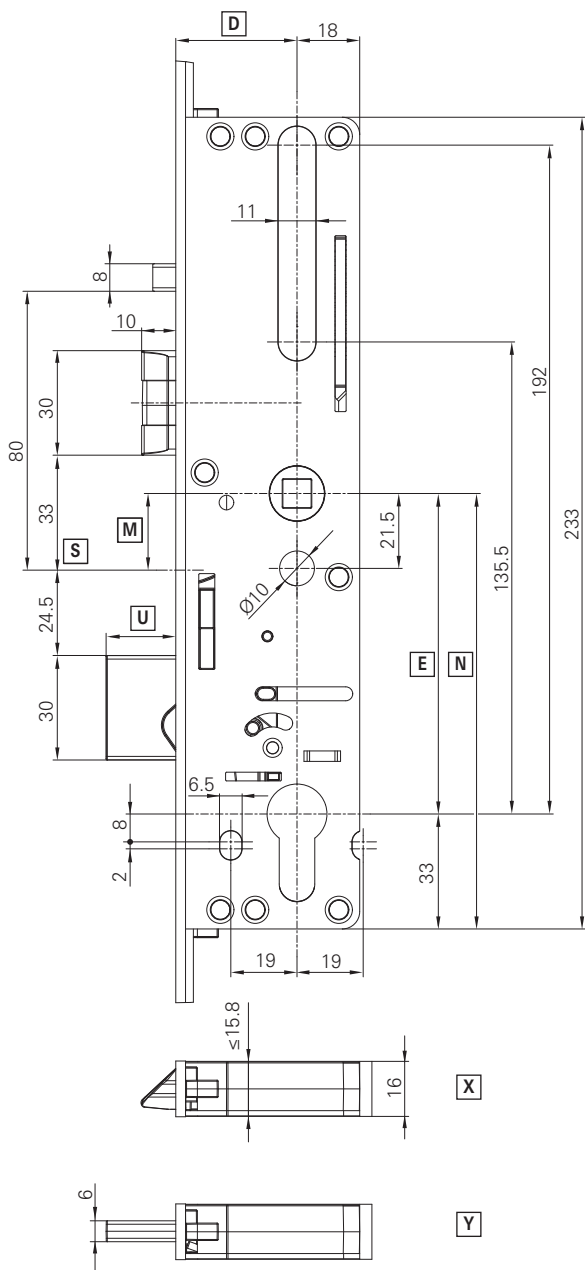
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.8 E700 – Eneo A

Main lock E700 – Eneo A | Backset from 35 mm



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	–
[U]	Deadbolt protrusion with 35 mm backset	16 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	–
[Y]	Deadbolt	–



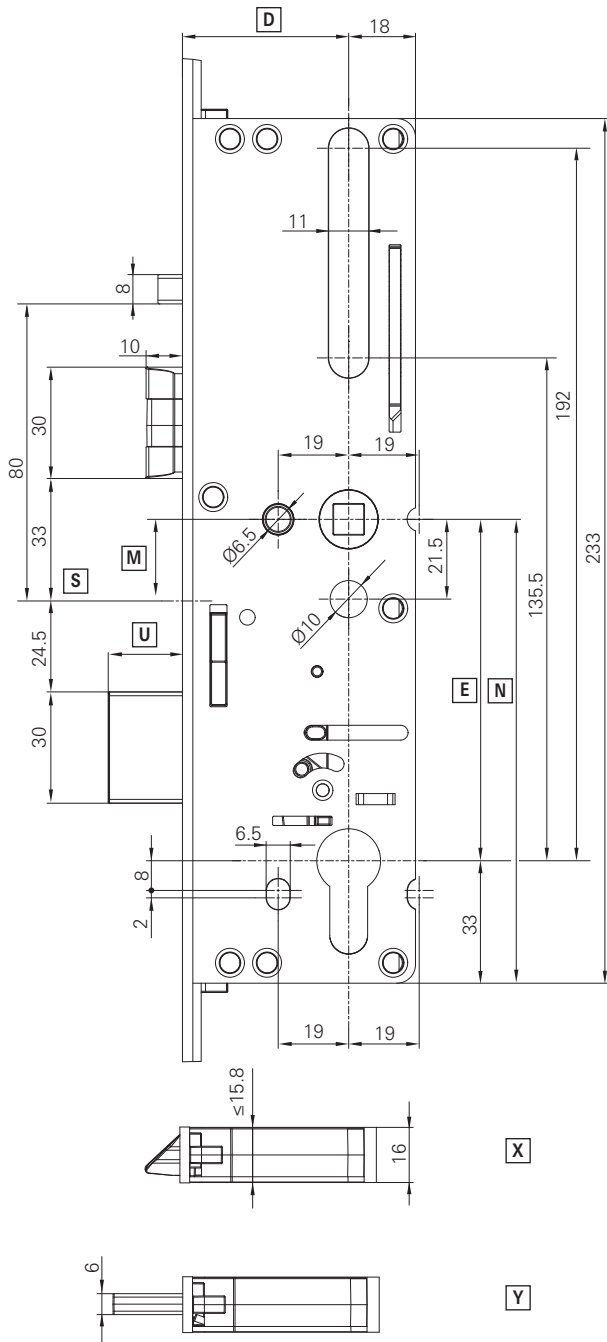
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.





Main lock E700 – Eneo A | Backset from 45 mm

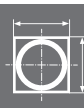


Assignment	Meaning	Value
[D]	Backset	45 to 80 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

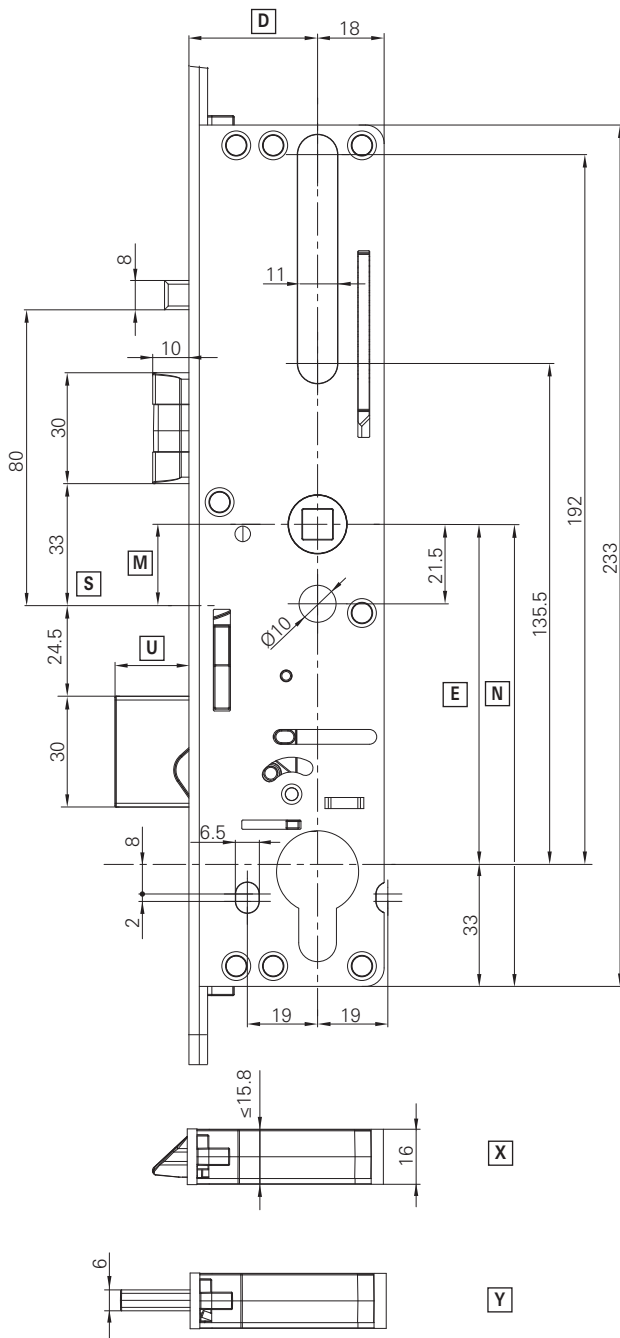


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock E700 – Eneo A | Backset from 35 mm (round cylinder)



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	–
[U]	Deadbolt protrusion with 35 mm backset	16 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	–
[Y]	Deadbolt	–

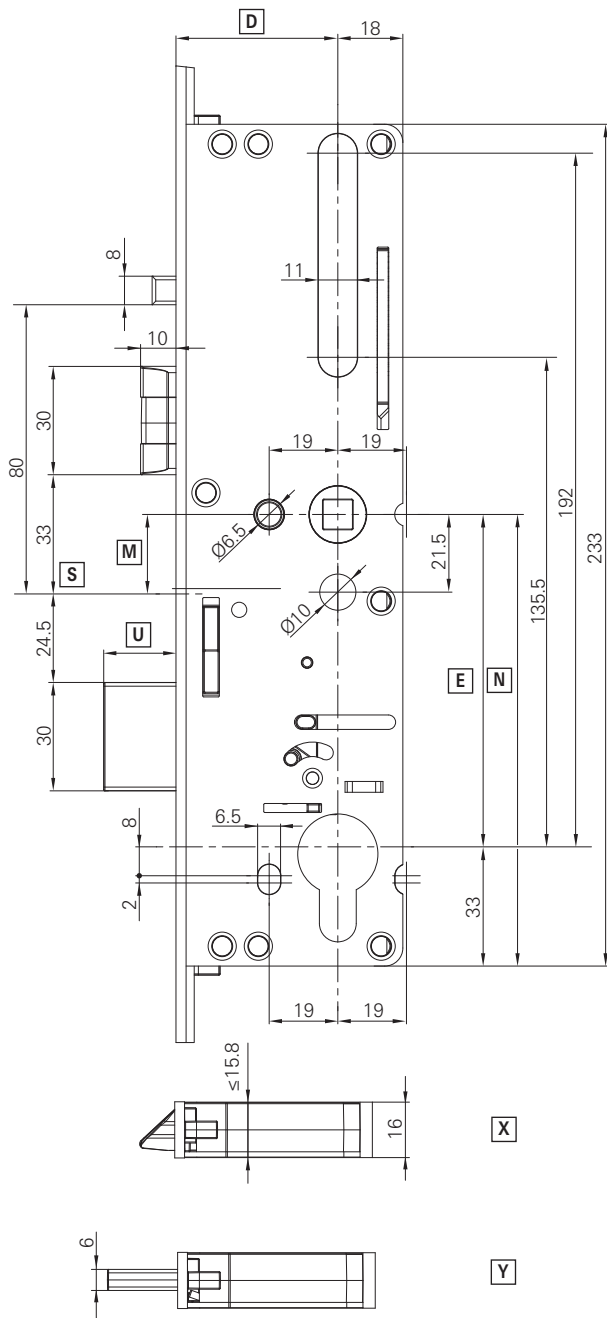


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock E700 – Eneo A | Backset from 45 mm (round cylinder)



Assignment	Meaning	Value
[D]	Backset	45 to 80 mm
[E]	Distance	94 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	125 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



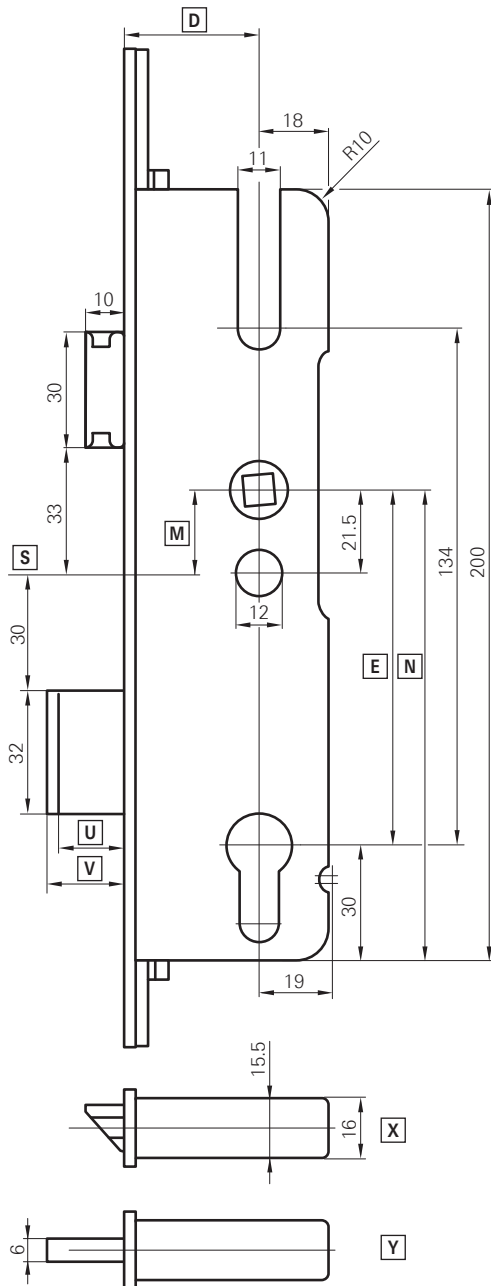
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.9 P600

Main lock P600 | Backset 35, 40 mm



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	122 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion with 35 mm backset	17 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

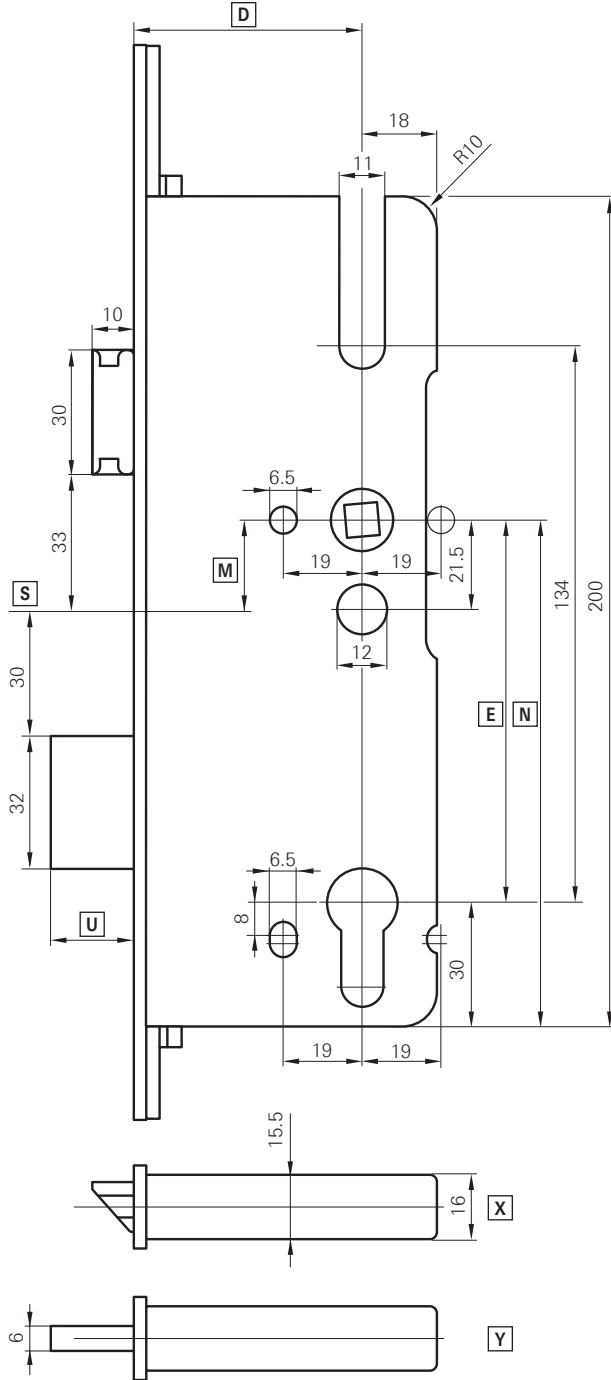


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock P600 | Backset 45 mm



Assignment	Meaning	Value
[D]	Backset	45 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	122 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



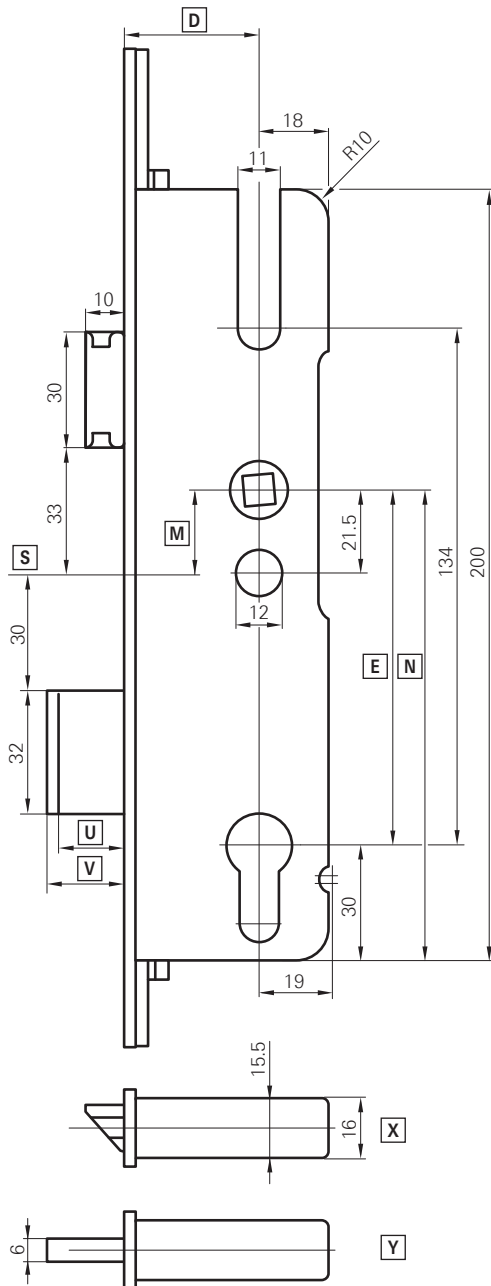
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



11.2.3.10 P650

Main lock P650 | Backset 35, 40 mm



Assignment	Meaning	Value
[D]	Backset	35 and 40 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	122 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion with 35 mm backset	17 mm
[V]	Deadbolt protrusion with 40 mm backset	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-

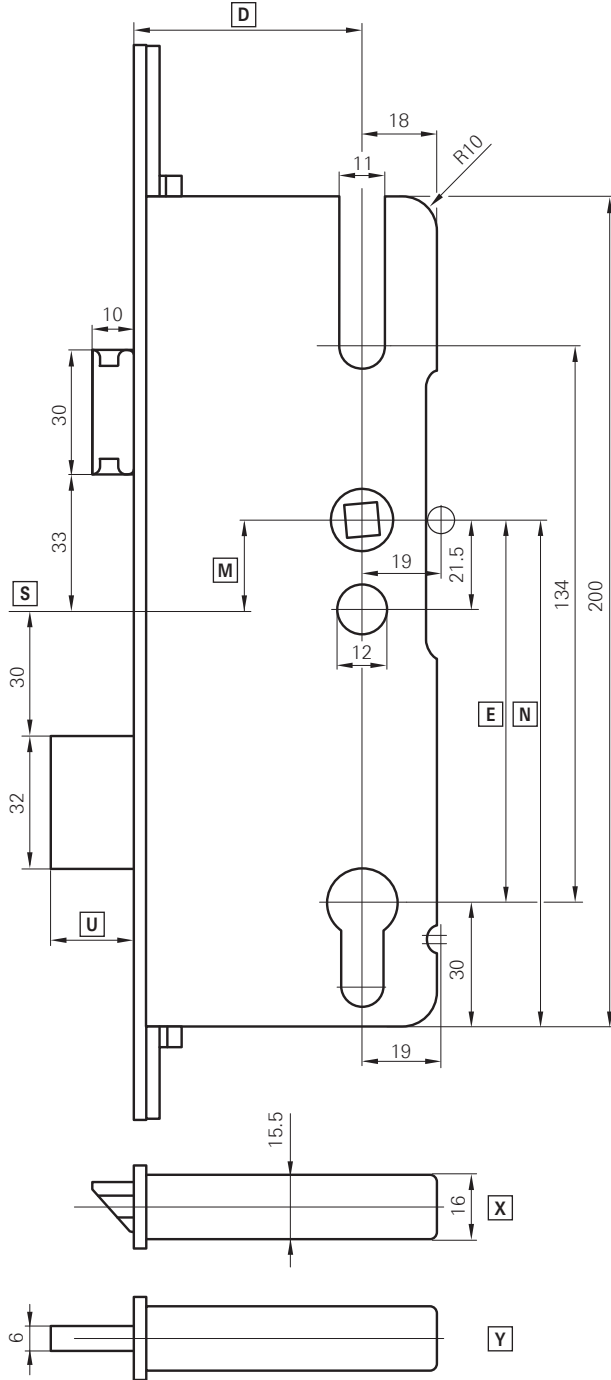


INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.



Main lock P650 | Backset 45 mm

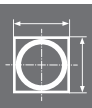


Assignment	Meaning	Value
[D]	Backset	45 mm
[E]	Distance	92 mm
[M]	Centre of spindle-receiver to centre of main lock	22 mm
[N]	Centre of spindle-receiver to lower edge of main lock	122 mm
[S]	Centre of main lock	-
[U]	Deadbolt protrusion	20 mm
[X]	Latch (can be turned around)	-
[Y]	Deadbolt	-



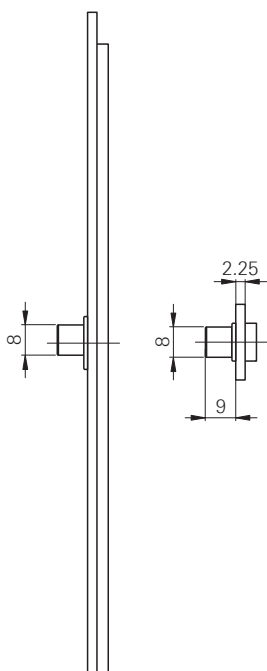
INFO

The backset and dimensions for the latch and deadbolt protrusion refer to a 3 mm faceplate thickness.

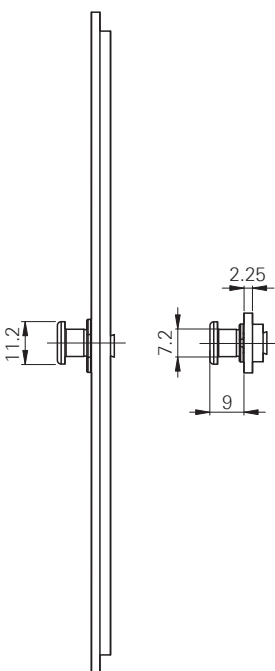


11.2.4 Additional lockings

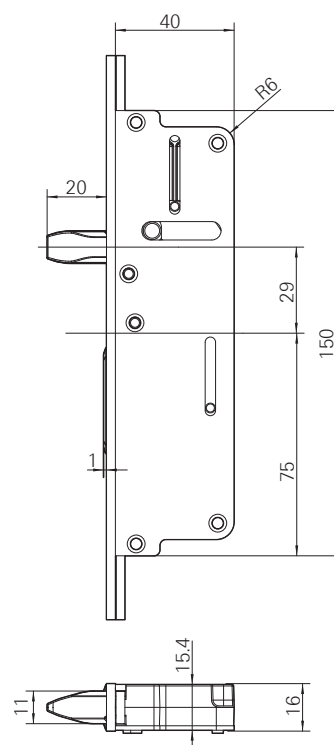
E cam (E)



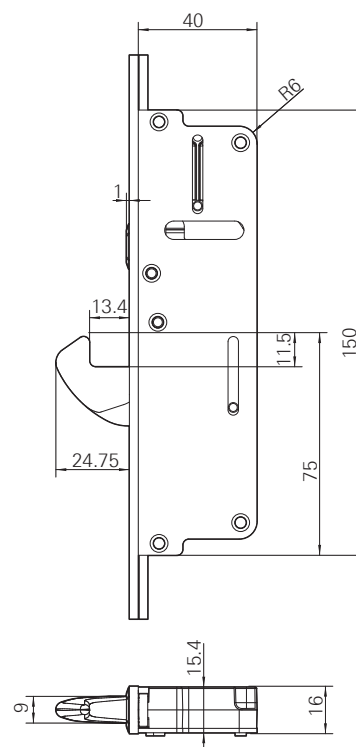
V cam (V)



Bolt (CB)

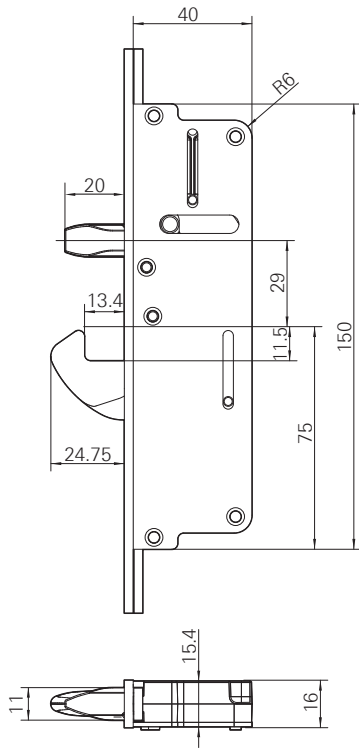


Power wedge (CH)

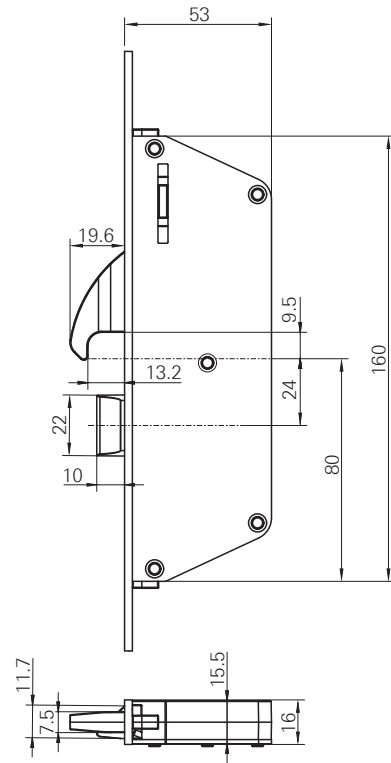




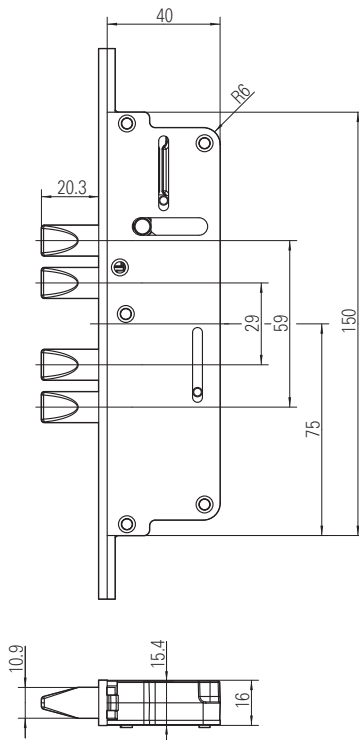
Combination locking (C)



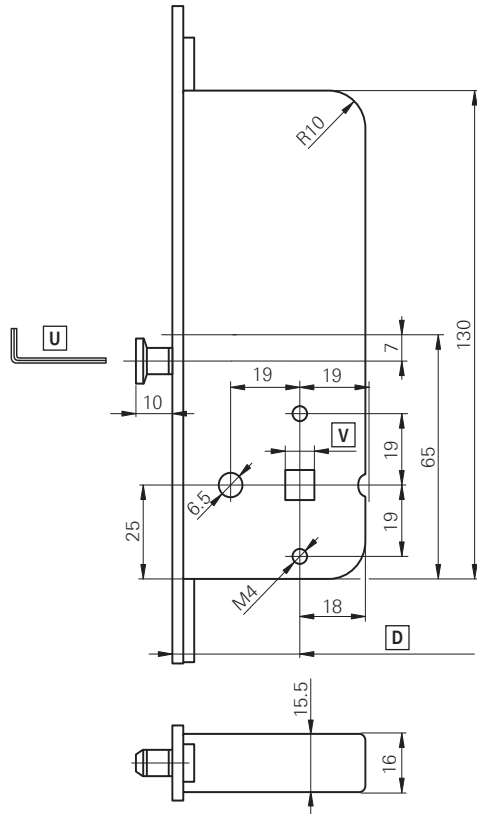
Automatic power wedge (AH)



Quadbolt (QB)



ID latch (TF)



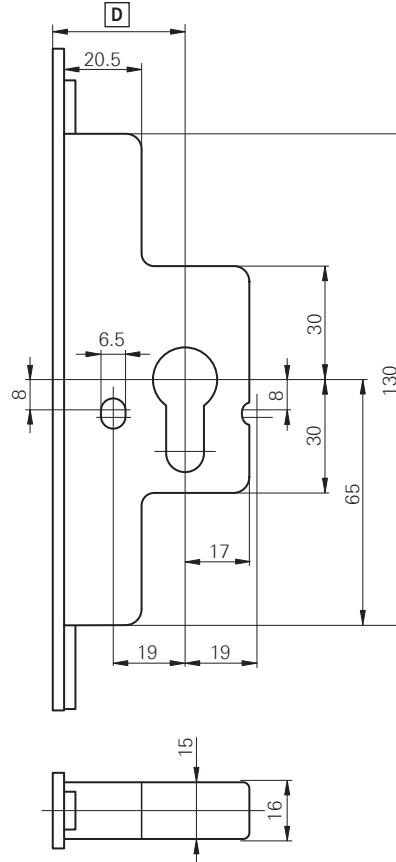
Assignment	Meaning	Value
[D]	Backset	35, 45, 55, 65 mm
[U]	Adjustable by ± 2 mm using a hex key (2 mm), DIN 911L	-
[V]	Spindle-receiver	8 mm (standard) 7 mm (Austrian standard)



INFO

The backset refers to a 3 mm faceplate thickness.

Additional locking device (ZS)



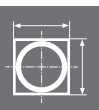
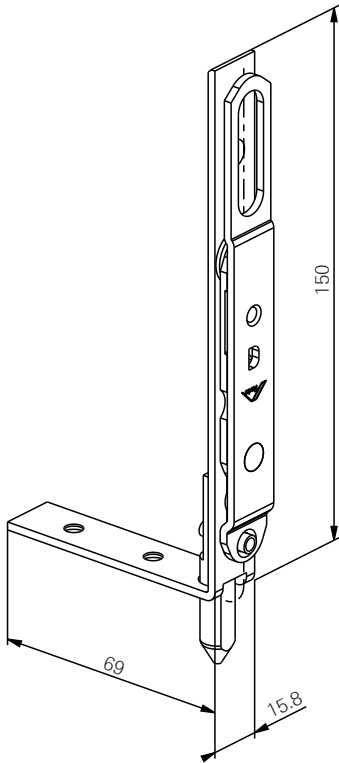
Assignment	Meaning	Value
[D]	Backset	35, 45, 55, 65 mm





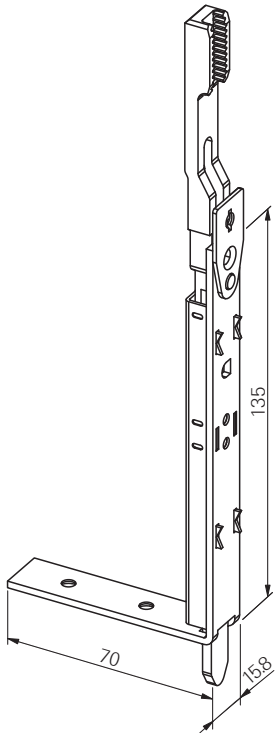
11.2.5 Shootbolt

Shootbolt 150

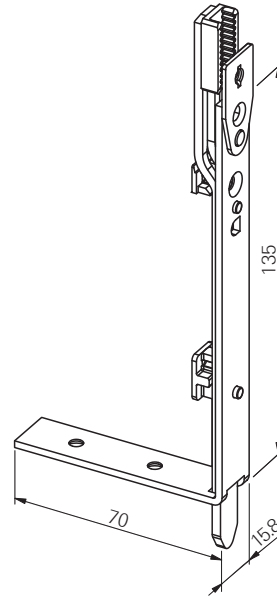


11.2.6 Shootbolt protrusions

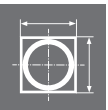
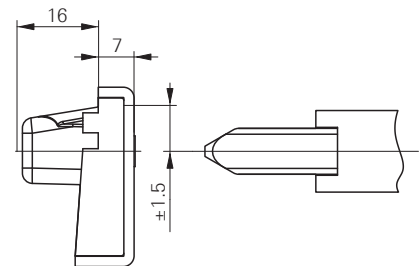
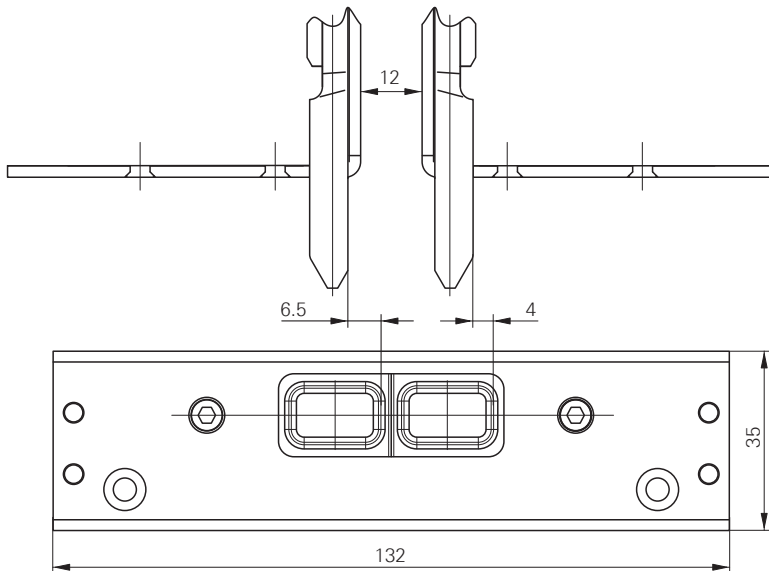
Shootbolt protrusion 135 with reverse-action travel



Shootbolt protrusion 135 without reverse-action travel

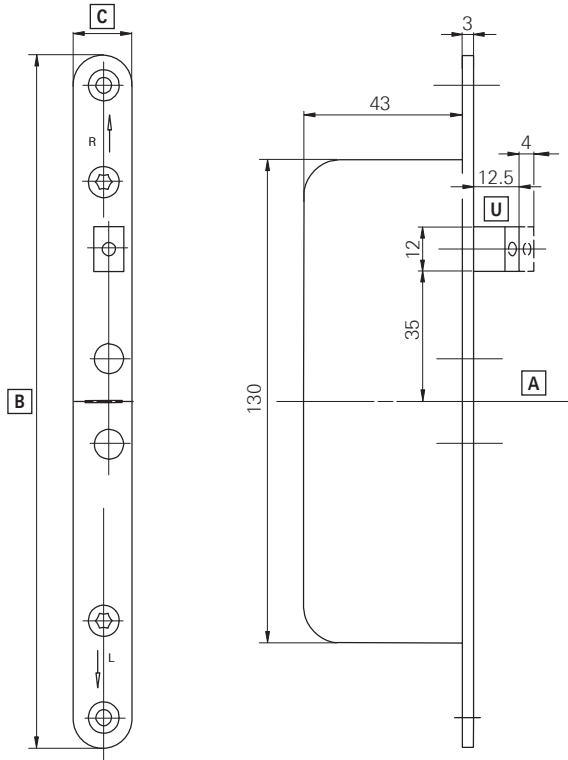


Shootbolt protrusion striker

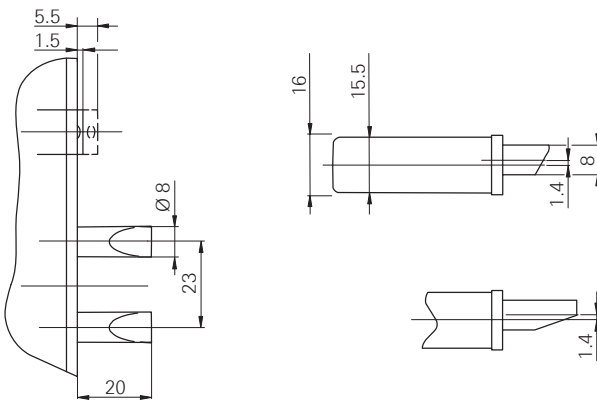




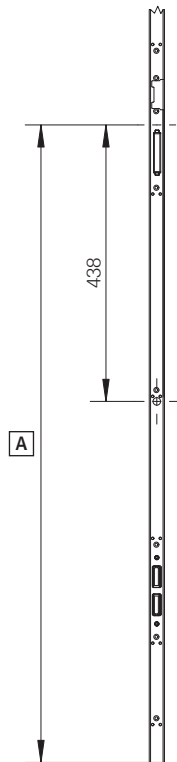
11.2.7 Hinge retaining mechanism



Assignment	Meaning	Value
[A]	Centre of hinge retaining mechanism casing	-
[B]	Faceplate F16	186 mm
	Faceplate F20	190 mm
[C]	Faceplate F16	16 mm
	Faceplate F20	20 mm
[U]	Control latch can be adjusted using a hex key (3 mm)	-



11.2.8 Magnetic contact



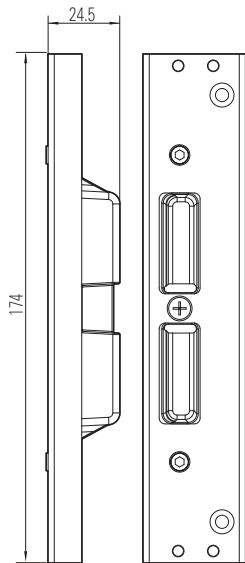
Assignment	Meaning	Value
[A]	Centre of main lock	1010 mm



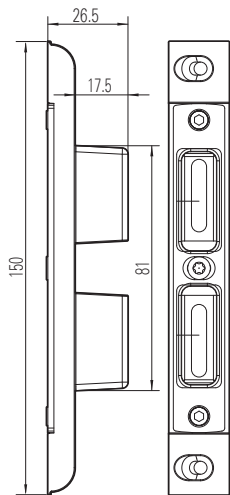


11.2.9 Strikers

Combination (PVC)

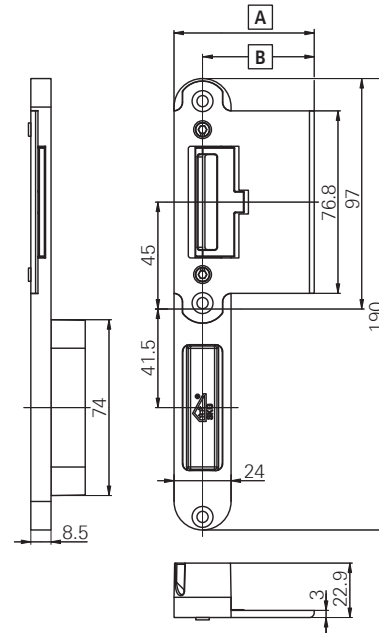


Combination (timber)



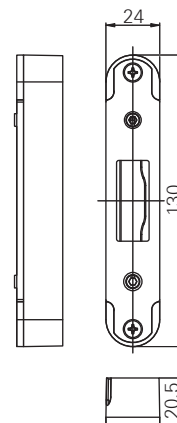
Flush doors (timber)

Latch / deadbolt

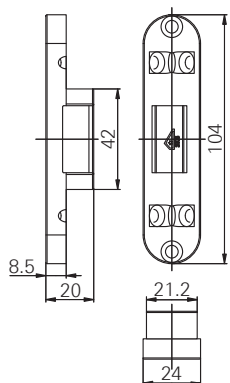


Assignment	Meaning	Value
[A]	Rebate depth	Latch / deadbolt – LL 30: 42 mm Latch / deadbolt – LL 47: 59 mm
[B]	Hardware axis	Latch / deadbolt – LL 30: 30 mm Latch / deadbolt – LL 47: 47 mm

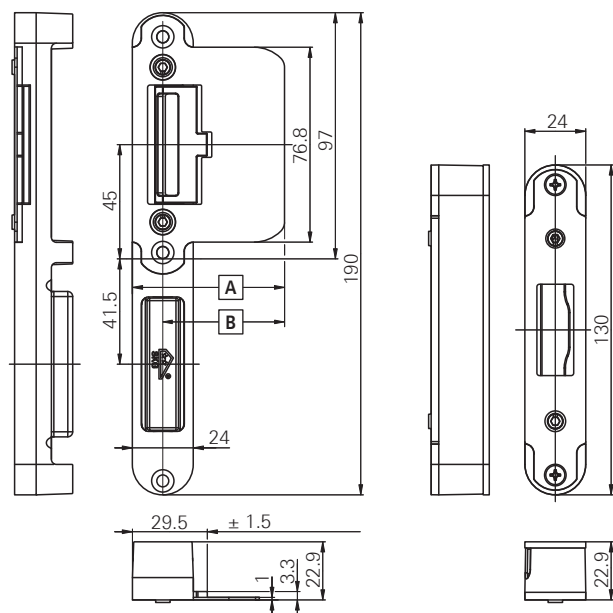
Hook



Bolt



Renovation set



Assignment	Meaning	Value
[A]	Rebate depth	Latch / deadbolt – LL 38: 50 mm Latch / deadbolt – LL 48: 60 mm
[B]	Hardware axis	Latch / deadbolt – LL 38: 38 mm Latch / deadbolt – LL 48: 48 mm

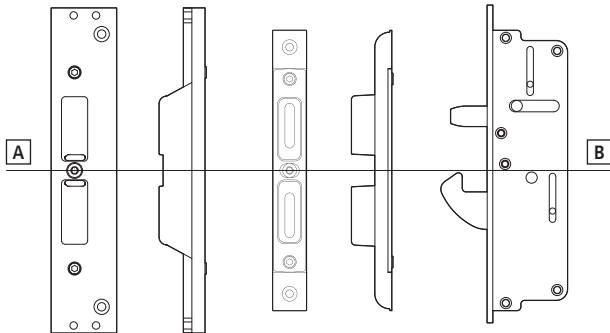




11.3 Installation dimensions

11.3.1 Strikers

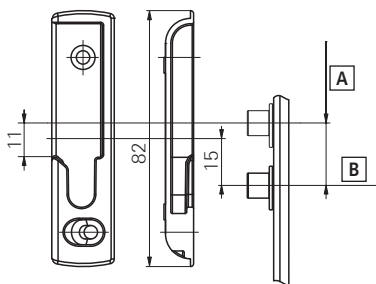
11.3.1.1 Combination



Assignment	Meaning	Value
[A]	Centre of striker	-

Assignment	Meaning	Value
[B]	Centre of additional locking	-

11.3.1.2 E cam



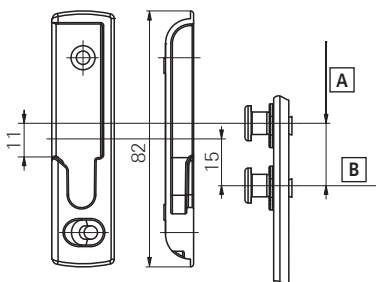
Assignment	Meaning	Value
[A]	Travel	20 mm
[B]	Centre of E cam in locked position	-



INFO

The locking direction is downward.

11.3.1.3 V cam

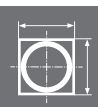


Assignment	Meaning	Value
[A]	Travel	20 mm
[B]	Centre of V cam in locked position	-



INFO

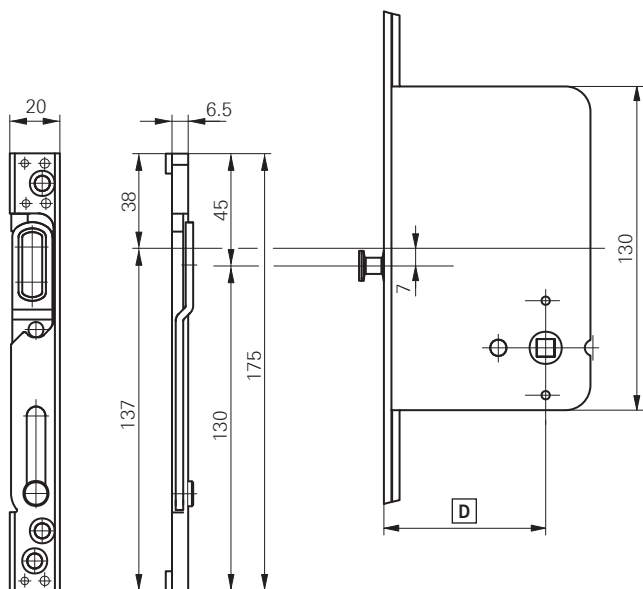
The locking direction is downward.



11.3.1.4 ID latch

Timber

12 mm rebate clearance



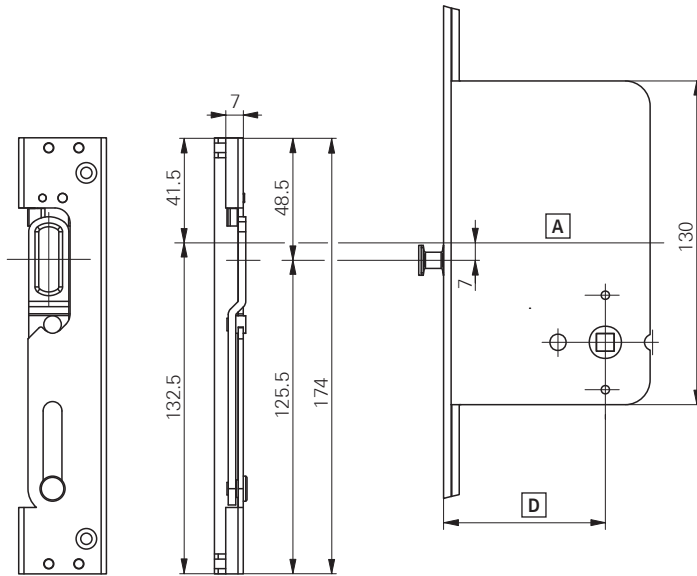
Assignment	Meaning	Value
[A]	Centre of ID latch box	–
[D]	Backset	35 to 65 mm





PVC

12 mm rebate clearance



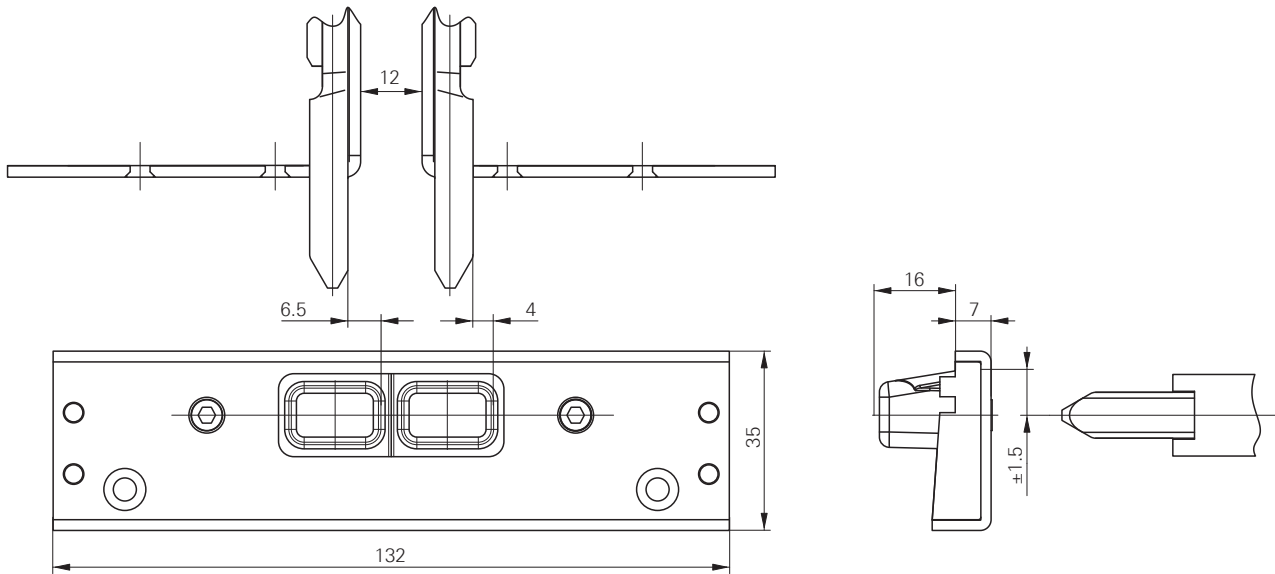
Assignment	Meaning	Value
[A]	Centre of ID latch box	-
[D]	Backset	35 to 65 mm



INFO

Version depends on the hardware axis and profile.

11.3.1.5 Shootbolt protrusion

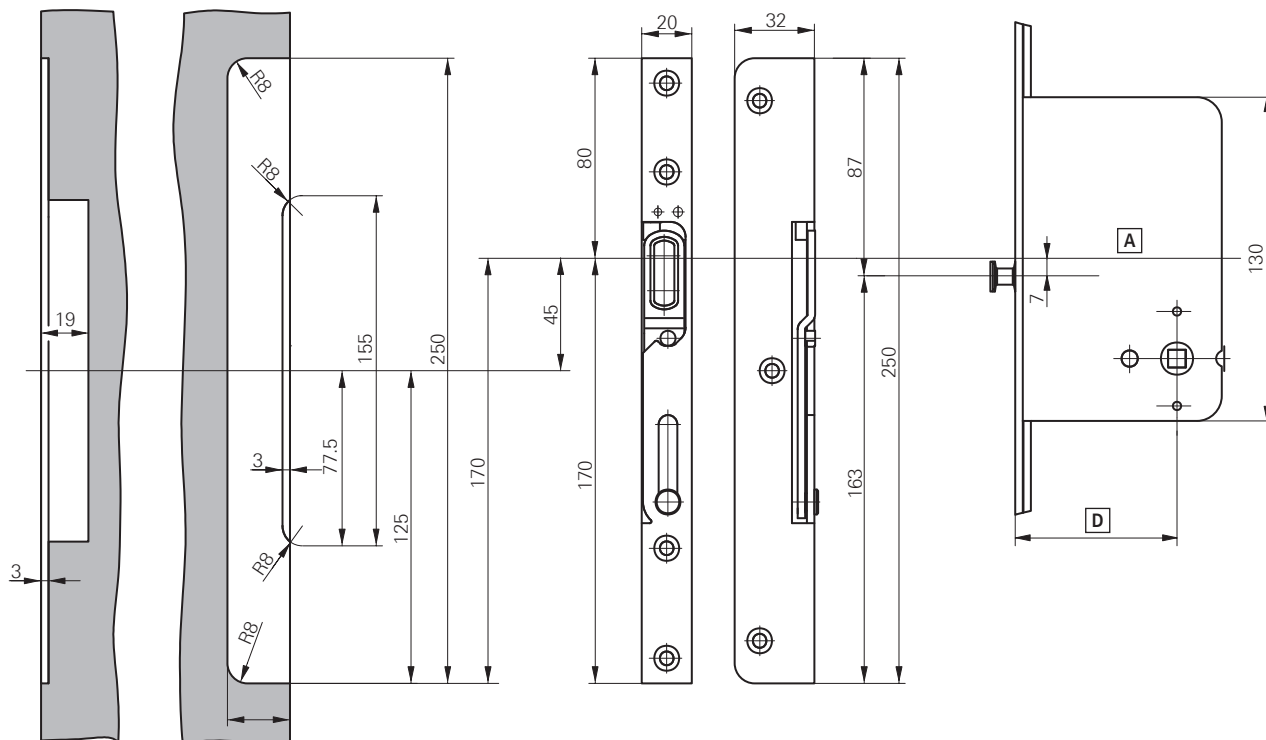


11.3.2 Striker plates

11.3.2.1 ID latch

Timber

12 mm rebate clearance



Assignment	Meaning	Value
[A]	Centre of ID latch box	-
[D]	Backset	35 to 65 mm





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