



## heroal DF

Set of fittings for house doors



# heroal DF

The fitting technology heroal DF for house door systems guarantees maximum flexibility and follows the approach of a universal design, which can be adapted at any time according to the needs of the user and is also characterized by an intuitive handling and easy operability. A wide variety of combinations

and uniform lock dimensions contribute significantly to this. The heroal door fittings are compatible with the latest techniques such as keyless entry and Bluetooth, which enhance the user experience. Self locking fitting variants complete the program.

## Lock types



**Massive deadbolt (type 1):**

The massive deadbolts of multi-locking type 1 are secured against back-pressing and sawing. The lock geometry allows the use of the same frame locking parts as for type 2.

Corrosion protection class according to EN ISO 9227 and EN 1670: Class 4



**Automatic mortise bolt (type 2):**

The automatic mortise bolt pull out 20 mm after the door has been pulled in and are secured against being pushed back so that the door is completely locked. The door can be opened at any time via the pusher from inside and via the key rotation from outside.

Corrosion protection class according to EN ISO 9227 and EN 1670: Class 4



**Swivel hooks (Type 3):**

The swivel hooks are effective in counteracting the door in any direction. The tapered swivel hooks made of high-quality steel alloy engage deep into the locking parts and guarantee optimum door access. The swivel hooks are secured against pushing back.

Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3



**Mortise bolt (Type 4):**

These mortise bolts automatically shut off when the door is closed and are secured against pushing back. They are triggered without contact by high-performance magnets. The special sliding surface on the mortise bolt ensures a quiet and smooth closing.

Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3



**Bolt lock (type 8):**

Due to the special geometry of the steel bolts, they penetrate deeply into the closing parts and thus ensure an increased suitability of the door. The bolt latches are secured against pushing back.

Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3



**Swivel hooks with Duo bolt (type 11):**

This lock combination combines the advantages of type 3 & 8 and is considered to be the safest and most powerful locking type. It not only effectively prevents the door from being levered, but also combines high operating comfort with optimal door access. Bolts and swivel latches are secured against being pushed back. Corrosion protection class according to EN ISO 9227 and EN 1670: Class 3

## Name of locks

<b>MFV</b>	Multiple locking	<b>U</b>	U-mullion	<b>04</b>	Automatically locking
<b>RS</b>	Deadbolt lock	<b>F</b>	F-mullion		mortise lock
<b>3</b>	3-fold locking	<b>RS</b>	DIN Right	<b>08</b>	Bolt lock
<b>5</b>	5-fold locking	<b>LS</b>	DIN Left	<b>11</b>	Duo bolt hook lock
<b>NF</b>	Normal function	<b>KABA</b>	KABA-execution	<b>RC</b>	Resistance class
<b>1</b>	1-leaf door	<b>01</b>	Solid deadbolt lock	<b>TF</b>	Daytime latch function
<b>2</b>	2-leaf door	<b>02</b>	Mortise bolt lock	<b>RSK</b>	Bold switch contacts
<b>D</b>	Backset	<b>03</b>	Hook lock		

## New products

Item no.	Colour	Variant	Description	Product designation	Selling price	Item no.	Colour	Variant	Description	Product designation	Selling price
24900	00	00	Solid deadbolt lock type 1 Backset: 35 mm Mullion height: 1,750 mm Mullion material: Steel / silver galvanised U-mullion: 24x6 mm Nut: 8 mm	MFV 3 NF 1 2 D35 U24 LR 01	€50.65	24906	00	00	Closing plate (additional striking plate) Suitable for type 1 and type 2 DIN RS / DIN LS U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Additional striking plate type 1/2	€6.09
24901	00	00	Solid deadbolt lock type 1 Backset: 45 mm Mullion height: 1,750 mm Mullion material: Steel / silver galvanised U-mullion: 24x6 mm Nut: 8 mm	MFV 3 NF 1 2 D45 U24 LR 01	€50.65	24907	00	00	Closing leaf Suitable for type 1 and type 2 DIN LS U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Closing leaf type 1/2 LS	€36.75
24902	00	00	Mortise bolt lock type 2 Backset: 35 mm Mullion height: 1,750 mm Mullion material: Steel / silver galvanised U-mullion: 24x6 mm Nut: 8 mm	MFV 3 NF 1 2 D35 U24 LR 02	€60.86	24908	00	00	Closing leaf Suitable for type 1 and type 2 DIN RS U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Closing leaf type 1/2 RS	€36.75
24903	00	00	Mortise bolt lock type 2 Backset: 45 mm Mullion height: 1,750 mm Mullion material: Steel / silver galvanised U-mullion: 24x6 mm Nut: 8 mm	MFV 3 NF 1 2 D45 U24 LR 02	€60.86	24909	00	00	Mullion extension type 2 Length: 300 mm U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Extension type 2 300 mm	€32.93
24904	00	00	Striking plate (Main striking plate) Suitable for type 1 and type 2 DIN LS U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Main striking plate type 1/2 LS	€8.19	24910	00	00	Mullion extension type 2 Length: 500 mm U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Extension type 2 500 mm	€34.25
24905	00	00	Striking plate (Main striking plate) Suitable for type 1 and type 2 DIN RS U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Main striking plate type 1/2 RS	€8.19	24911	00	00	Mullion extension type 2 Length: 800 mm U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Extension type 2 800 mm	€36.90

## New products

Item no.	Colour	Variant	Description	Product designation	Selling price
24912	00	00	Mullion extension type 1 Length: 300 mm U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Extension type 1 300 mm	€28.56
24913	00	00	Mullion extension type 1 Length: 500 mm U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Extension type 1 500 mm	€29.70
24914	00	00	Mullion extension type 1 Length: 800 mm U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Extension type 1 800 mm	€32.36
24915	00	00	General mounting kit for A-opener Colour: blank	Mounting kit for A-opener type 2	€115.50
24916	00	00	General mounting kit for A-opener with servo function Colour: blank	Mounting kit for A-opener servo type 2	€220.50
24917	00	00	Tappet contact type 2	Tappet contact type 2	€121.80
24918	00	00	Tappet contact type 2 – 200	Tappet contact type 2 – 200	€184.80
24948	00	00	Mullion set tappet contact type 2	Mullion set tappet contact type 2	€15.75
24949	00	00	Closing plate (additional striking plate) Suitable for type 1 and type 2 DIN RS / DIN LS Latch monitoring U-mullion: 24x6 mm Mullion material: Steel / silver galvanised	Additional striking plate type 1/2 RSK	€64.74
24950	00	00	Power supply A-opener type 2	Power supply A-opener Type 2	€41.96
24951	00	00	Emergency power buffering A-opener type 2	Emergency power buffer A-opener Type 2	€246.96
24919	00	99	Swivel hook lock type 3 Backset: 45 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6 mm	MFV 3 NF 1 2 D45 U24 LR 03	€66.89

Item no.	Colour	Variant	Description	Product designation	Selling price
24920	00	99	Bolt lock type 8 Backset: 45 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6 mm	MFV 3 NF 1 2 D45 U24 LR 08	€66.89
24921	00	99	Duo bolt hook lock type 11 Backset: 45 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6 mm	MFV 3 NF 1 2 D45 U24 LR 11	€85.87
24922	00	99	Mortise lock type 4 Backset: 35 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6.7 mm	MFV 3 NF 1 2 D35 U24 LR 04	€82.91
24923	00	99	Mortise lock type 4 Backset: 45 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6 mm	MFV 3 NF 1 2 D45 U24 LR 04	€82.91
24924	00	99	Mortise lock type 4 with daytime latch function Backset: 35 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6 mm	MFV 3 NF 1 2 D35 U24 LR 04 TF	€86.14
24925	00	99	Mortise lock type 4 with daytime latch function Backset: 45 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6 mm	MFV 3 NF 1 2 D45 U24 LR 04 TF	€86.14
24926	00	00	Stirrup lock Backset: 35 mm	Stirrup lock D35	€20.27
24927	00	00	Stirrup lock Backset: 45 mm	Lock bar D45	€20.27
24928	00	99	Extension type 3 U-mullion: 24x6.7 mm	Extension type 3 D35	€63.76
24929	00	99	Extension type 3 U-mullion: 24x6 mm	Extension type 3 D45	€63.76
24930	00	99	Extension type 4 U-mullion: 24x6.7 mm	Extension type 4 D35	€63.76
24931	00	99	Extension type 4 U-mullion: 24x6 mm	Extension type 4 D45	€63.76
24932	00	99	Extension type 8 U-mullion: 24x6.7 mm	Extension type 8 D35	€63.76

## New products

Item no.	Colour	Variant	Description	Product designation	Selling price
24933	00	99	Extension type 8 U-mullion: 24x6 mm	Extension type 8 D45	€63.76
24934	00	99	Extension type 11 U-mullion: 24x6.7 mm	Extension type 11 D35	€80.81
24935	00	99	Extension type 11 U-mullion: 24x6 mm	Extension type 11 D45	€80.81
24936	00	99	Stirrup lock-closing part DIN LS	Stirrup lock closing part LS	€30.72
24937	00	99	Stirrup lock-closing part DIN RS	Stirrup lock closing part RS	€30.72
24938	00	99	Closing leaf type 3 with stirrup lock perforation DIN LS U-mullion: 24x5 mm Mullion height: 1,770 mm Mullion material: High-grade steel	Closing leaf type 3 1770 U5 LS	€34.31
24939	00	99	Closing leaf type 3 with stirrup lock perforation DIN RS U-mullion: 24x5 mm Mullion height: 1,770 mm Mullion material: High-grade steel	Closing leaf type 3 1770 U5 RS	€34.31
24940	00	99	Closing leaf type 8 with stirrup lock perforation DIN LS U-mullion: 24x5 mm Mullion height: 1,770 mm Mullion material: High-grade steel	Closing leaf type 8 1770 U5 LS	€34.31
24941	00	99	Closing leaf type 8 with stirrup lock perforation DIN RS U-mullion: 24x5 mm Mullion height: 1,770 mm Mullion material: High-grade steel	Closing leaf type 8 1770 U5 RS	€34.31
24942	00	99	Closing leaf type 4 and type 11 with stirrup lock perforation DIN LS U-mullion: 24x5 mm Mullion height: 1,770 mm Mullion material: High-grade steel	Closing leaf type 4 & 11 1770 U5 LS	€37.42
24943	00	99	Closing leaf type 4 and type 11 with stirrup lock perforation DIN RS U-mullion: 24x5 mm Mullion height: 1,770 mm Mullion material: High-grade steel	Closing leaf type 4 & 11 1770 U5 RS	€37.42
24944	00	00	Magnet set type 4 and type 11 for U-mullion	Magnet set Type 4 & 11 U-mullion	€5.42
24945	00	00	Stirrup lock adapter for closing parts DIN LS	Stirrup lock adapter LS	€9.98

Item no.	Colour	Variant	Description	Product designation	Selling price
24946	00	00	Stirrup lock adapter for closing parts DIN RS	Stirrup lock adapter RS	€9.98
24955	00	99	Mortise lock type 4 Autotronic Backset: 35 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6.7 mm	MFV 3 NF 1 2 D35 U24 LR 04 A	€236.82
24956	00	99	Mortise lock type 4 Autotronic Backset: 45 mm Mullion height: 1,770 mm Mullion material: High-grade steel U-mullion: 24x6 mm	MFV 3 NF 1 2 D45 U24 LR 04 A	€236.82
24957	00	00	Locking part with magnet for 834	Additional strike plate type 4 A	€16.88
24958	00	00	Socket with magnet for locking strips for 834	Magnet set SL Type 4 A	€4.12
24959	00	00	Tappet contact with cable and motor plug	Tappet contact FP-part	€74.84
24960	00	00	Contact area with cable	Tappet contact RP-part	€43.20
24961	00	00	Contact grease for contact surfaces	Contact grease for contact surfaces	€7.43
24962	00	00	Frame – Transformer	Frame – Power supply type 4	€219.35
24963	00	00	Connection cable for 29465	Connection cable for 29465	€18.86
24964	00	00	Bolt switch contact with 10m cable	RSK type 03 & type 11	€51.89
24965	00	00	DIN rail – Power supply type 4	DIN rail – Power supply type 4	€66.36
24966	00	00	Buffer module type 4	Buffer module type 4	€341.44
13443	00	19	Door hinge 4 2-part including fastening	LM-door hinge 4, 2-part 30 / 20x65 mm, VP	€21.38
13450	00	00	Set hinge safety mechanism RC 2 2 piece 8512	Set hinge safety mechanism RC 2	€19.90

## Sets of fittings: a system with many advantages

The heroal DF – Sets of fittings include the strip side and lock side and are tuned according to the heroal house door systems. Our documentation and the ability to select the sets in all known calculation programs will help you choose the right fitting configuration. The detailed installation diagrams with uniform processing dimensions enable economical production as well as easy assembly.

All sets are packed on the strip side with three white two-piece surface-mounted hinges, including fastening material.

heroal DF sets of fittings are available for interior flush fitting and flanging frame combinations / leaf combinations. For interior flush frame / leaf combinations there are two system rows, with 35 mm backset and 45 mm backset. A row of systems with a 45 mm backset is available for internal frame / leaf combinations.



## Name of sets

### Example Set 1 – SH2-35-U1770-EB-2AB-RS:

- » Hook lock, backset = 35 mm / faceplate length = 1,770 mm
- » Single strike plate DIN RS
- » 3 pieces surface-mounted hinge, 2-part

<b>SH</b>	Swivel hook
<b>35</b>	35 mm backset
<b>U1770</b>	U-strike plate 6 – 6.7 mm   faceplate length = 1,770 mm
<b>EB</b>	Single strike plates
<b>2AB</b>	Door hinge 2-part
<b>2ABF</b>	Door hinge 2-part frame / leaf combination flush-mounted from inside
<b>RS</b>	Opening direction DIN RS

### Other names:

<b>SH2</b>	Swivel hook lock with two swivel hooks
<b>AF2TF</b>	Automatic three-latch lock with two additional latches / daytime manual latch function
<b>DBSH2</b>	Duo bolt hook lock with 2 additional locking devices
<b>MR2</b>	Secury MR2 (GU) with two additional locking devices
<b>SA2</b>	Secury Automatic
<b>SA2A</b>	Secury Automatic with A-opener

# Sets of fittings

Frame / leaf combination with inner flush backset 35 mm

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17400	19	00	Hook lock D 35 type 3 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SH2-35-U1770-EB-2ABF-RS	€132.10
17401	19	00	Hook lock D 35 type 3 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SH2-35-U1770-EB-2ABF-LS	€132.10
17402	19	00	Hook lock D 35 type 3 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SH2-35-U1770-SL-2ABF-RS	€150.37
17403	19	00	Hook lock D 35 type 3 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SH2-35-U1770-SL-2ABF-LS	€150.37
17404	19	00	Mortise lock D 35 type 4 with TF Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-35-U1770-EB-2ABF-RS	€166.15
17405	19	00	Mortise lock D 35 type 4 with TF Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-35-U1770-EB-2ABF-LS	€166.15
17406	19	00	Mortise lock D 35 type 4 with TF Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-35-U1770-SL-2ABF-RS	€175.64
17407	19	00	Mortise lock D 35 type 4 with TF Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-35-U1770-SL-2ABF-LS	€175.64
17408	19	00	Duo bolt swivel hook lock D 35 Type 11 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set DBSH2-35-U1770-EB-2ABF-RS	€160.96
17409	19	00	Duo bolt swivel hook lock D 35 Type 11 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set DBSH2-35-U1770-EB-2ABF-LS	€160.96

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17410	19	00	Duo bolt swivel hook lock D 35 type 11 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set DBSH2-35-U1770-SL-2ABF-RS	€170.45
17411	19	00	Duo bolt swivel hook lock D 35 type 11 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set DBSH2-35-U1770-SL-2ABF-LS	€170.45
17412	19	00	Solid deadbolt lock D 35 type 1 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set MR2-35-U1750-EB-2ABF-RS	€122.93
17413	19	00	Solid deadbolt lock D 35 type 1 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set MR2-35-U1750-EB-2ABF-LS	€122.93
17414	19	00	Solid deadbolt lock D 35 type 1 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set MR2-35-U1750-SL-2ABF-RS	€151.54
17415	19	00	Solid deadbolt lock D 35 type 1 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set MR2-35-U1750-SL-2ABF-LS	€151.54
17416	19	00	Mortise bolt lock D 35 type 2 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2-35-U1750-EB-2ABF-RS	€132.21
17417	19	00	Mortise bolt lock D 35 type 2 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2-35-U1750-EB-2ABF-LS	€132.21
17418	19	00	Mortise bolt lock D 35 type 2 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2-35-U1750-SL-2ABF-RS	€147.11
17419	19	00	Mortise bolt lock D 35 type 2 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2-35-U1750-SL-2ABF-LS	€147.11

## Sets of fittings

Frame / leaf combination with inner flush backset 35 mm

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17420	19	00	Mortise bolt lock D 35 type 2 A-opener Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2A-35-U1750-EB-2ABF-RS	€237.26
17421	19	00	Mortise bolt lock D 35 type 2 A-opener Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2A-35-U1750-EB-2ABF-LS	€237.26

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17422	19	00	Mortise bolt lock D 35 type 2 A-opener Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2A-35-U1750-SL-2ABF-RS	€252.16
17423	19	00	Mortise bolt lock D 35 type 2 A-opener Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2A-35-U1750-SL-2ABF-LS	€252.16

## Sets of fittings

Frame / leaf combination with inner flush backset 45 mm

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17448	19	00	Hook lock D 45 type 3 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-EB-2ABF-RS	€132.10
17449	19	00	Hook lock D 45 type 3 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-EB-2ABF-LS	€132.10
17450	19	00	Hook lock D 45 type 3 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-SL-2ABF-RS	€150.37
17451	19	00	Hook lock D 45 type 3 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-SL-2ABF-LS	€150.37
17452	19	00	Mortise lock D 45 type 4 with TF Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF2TF-45-U1770-EB-2ABF-RS	€166.15
17453	19	00	Mortise lock D 45 type 4 with TF Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF2TF-45-U1770-EB-2ABF-LS	€166.15

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17454	19	00	Mortise lock D 45 type 4 with TF Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF2TF-45-U1770-SL-2ABF-RS	€175.64
17455	19	00	Mortise lock D 45 type 4 with TF Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF2TF-45-U1770-SL-2ABF-LS	€175.64
17456	19	00	Duo bolt hook lock D 45 Type 11 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-EB-2ABF-RS	€160.97
17457	19	00	Duo bolt hook lock D 45 Type 11 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-EB-2ABF-LS	€160.97
17458	19	00	Duo bolt hook lock D 45 Type 11 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-SL-2ABF-RS	€170.47
17459	19	00	Duo bolt hook lock D 45 Type 11 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-SL-2ABF-LS	€170.47



## Sets of fittings

Frame / leaf combination with inner flush backset 45 mm

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17460	19	00	Solid deadbolt lock D 45 type 1 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-EB-2ABF-RS	€122.93
17461	19	00	Solid deadbolt lock D 45 type 1 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-EB-2ABF-LS	€122.93
17462	19	00	Solid deadbolt lock D 45 type 1 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-SL-2ABF-RS	€137.83
17463	19	00	Solid deadbolt lock D 45 type 1 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-SL-2ABF-LS	€137.83
17464	19	00	Mortise bolt lock D 45 type 2 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-EB-2ABF-RS	€132.21
17465	19	00	Mortise bolt lock D 45 type 2 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-EB-2ABF-LS	€132.21

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17466	19	00	Mortise bolt lock D 45 type 2 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-SL-2ABF-RS	€147.11
17467	19	00	Mortise bolt lock D 45 type 2 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-SL-2ABF-LS	€147.11
17468	19	00	Mortise bolt lock D 45 type 2 A-opener Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-EB-2ABF-RS	€237.26
17469	19	00	Mortise bolt lock D 45 type 2 A-opener Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-EB-2ABF-LS	€237.26
17470	19	00	Mortise bolt lock D 45 type 2 A-opener Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-SL-2ABF-RS	€252.16
17471	19	00	Mortise bolt lock D 45 type 2 A-opener Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-SL-2ABF-LS	€252.16

## Sets of fittings

Frame / leaf combination inwardly opening backset 45 mm

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17424	19	00	Hook lock D 45 type 3 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-EB-2AB-RS	€155.30
17425	19	00	Hook lock D 45 type 3 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-EB-2AB-LS	€155.30

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17426	19	00	Hook lock D 45 type 3 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-SL-2AB-RS	€173.58
17427	19	00	Hook lock D 45 type 3 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SH2-45-U1770-SL-2AB-LS	€173.58

# Sets of fittings

Frame / leaf combination inwardly opening backset 45 mm

Item no.	Colour	Variant	Contents of the set	Product designation	Selling price	Item no.	Colour	Variant	Contents of the set	Product designation	Selling price
17428	19	00	Mortise lock D 45 type 4 with TF Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-45-U1770-EB-2AB-RS	€189.36	17438	19	00	Solid deadbolt lock D 45 type 1 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-SL-2AB-RS	€161.03
17429	19	00	Mortise lock D 45 type 4 with TF single strike plate DIN LS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-45-U1770-EB-2AB-LS	€189.36	17439	19	00	Solid deadbolt lock D 45 type 1 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-SL-2AB-LS	€161.03
17430	19	00	Mortise lock D 45 type 4 with TF closing leaf DIN RS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-45-U1770-SL-2AB-RS	€198.85	17440	19	00	Mortise bolt lock D 45 type 2 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-EB-2AB-RS	€155.42
17431	19	00	Mortise lock D 45 type 4 with TF closing leaf DIN LS 3 pieces TB 4 2-part, including attachment Magnet set type 4/11	Set AF-2TF-45-U1770-SL-2AB-LS	€198.85	17441	19	00	Mortise bolt lock D 45 type 2 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-EB-2AB-LS	€155.42
17432	19	00	Duo bolt hook lock D 45 type 11 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-EB-2AB-RS	€184.18	17442	19	00	Mortise bolt lock D 45 type 2 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-SL-2AB-RS	€170.31
17433	19	00	Duo bolt hook lock D 45 type 11 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-EB-2AB-LS	€184.18	17443	19	00	Mortise bolt lock D 45 type 2 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2-45-U1750-SL-2AB-LS	€170.31
17434	19	00	Duo bolt hook lock D 45 type 11 Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-SL-2AB-RS	€193.67	17444	19	00	Mortise bolt lock D 45 type 2 A-opener Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-EB-2AB-RS	€260.47
17435	19	00	Duo bolt hook lock D 45 type 11 Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set DBSH2-45-U1770-SL-2AB-LS	193.67 €	17445	19	00	Mortise bolt lock D 45 type 2 A-opener Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-EB-2AB-LS	€260.47
17436	19	00	Solid deadbolt lock D 45 type 1 Single strike plate DIN RS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-EB-2AB-RS	€146.13	17446	19	00	Mortise bolt lock D 45 type 2 A-opener Closing leaf DIN RS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-SL-2AB-RS	€275.36
17437	19	00	Solid deadbolt lock D 45 type 1 Single strike plate DIN LS 3 pieces TB 4 2-part, including attachment	Set MR2-45-U1750-EB-2AB-LS	€146.13	17447	19	00	Mortise bolt lock D 45 type 2 A-opener Closing leaf DIN LS 3 pieces TB 4 2-part, including attachment	Set SA2A-45-U1750-SL-2AB-LS	€275.36

## Automatic door openers

### Lock type 2

The optional mounting of an A-opener allows the latches to be withdrawn by the multi-latches type 2. This is done, for example, via a door intercom system or via access control systems. The motor of the A-opener Servo starts with a minimum key rotation or a slight tapping of the handle. With the A-opener Servo, requirements for DIN EN 18040 are also fulfilled, where the operating forces are limited to 2.5 Nm according to DIN EN 12217.

Item no.	Name
24915 00 00	Mounting kit for A-opener type 2
24916 00 00	Mounting kit for A-opener servo type 2

### Lock type 4

When the door is closed, two stable latches are automatically activated and the door is locked several times. It is opened from the outside via the cylinder key and from the inside by actuating the pusher. In addition, a remote opening via the house intercom and access control systems is possible. The main deadbolt can also be excluded with a key rotation. This blocks the trigger for control purposes or as a child safety device. At the same time, all motor opening options are disabled.

Item no.	Name
24955 00 99	MFV 3 NF 1 2 D35 U24 LR 04 A
24956 00 99	MFV 3 NF 1 2 D45 U24 LR 04 A

## Power supplies and accessories

### Power supply lock type 2

Item no.	Name
24950 00 00	Power supply
24917 00 00	Tappet contact type 2 (integrated power supply)
24918 00 00	Tappet contact type 2 – 200 (integrated power supply)
-	Commercially available doorbell transformer, output voltage 12 V AC
24951 00 00	Emergency power buffer A-opener type 2

### Accessories lock type 2

Item no.	Name
24948 00 00	Mullion set tappet contact type 2
24951 00 00	Emergency power buffer A-opener type 2

### Power supply lock type 4

Item no.	Name
24962 00 00	Frame – Power supply type 4
24965 00 00	DIN rail – Power supply type 4

### Accessories lock type 4

Item no.	Name
24957 00 00	Additional strike plate type 4 A
24958 00 00	Magnet set SL Type 4 A
24959 00 00	Tappet contact FP-part
24960 00 00	Tappet contact RP-part
24961 00 00	Contact grease for contact surfaces
24963 00 00	Connection cable for 24965
24966 00 00	Buffer module type 4

Item no.	Name
13450 00 00	Set hinge safety mechanism RC 2

## Burglar resistance

All mechanical heroal multiple latches and heroal DF fitting sets are suitable for burglar-resistant doors of the RC 2 resistance class. The hinge can be upgraded and/or retrofitted via the RC 2-set 13450 00 00 to RC 2. The set includes two of the popular adjustable hinge safety mechanisms heroal Item no.: 8512 00 00. The positioning is carried out according to valid test certificates / expert opinions.

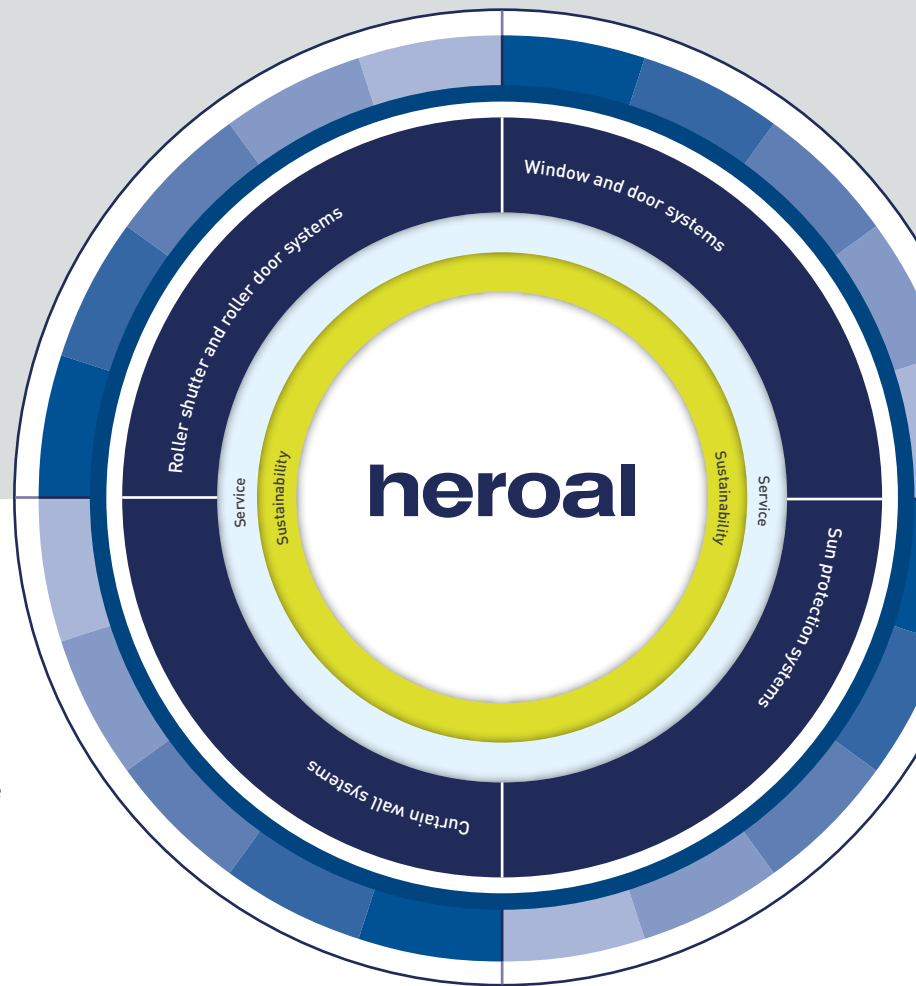


# heroal – the aluminium system house

As one of the leading aluminium system houses, heroal has developed and produced optimally coordinated systems for windows, roller doors, curtain walls, roller shutters, doors and sun protection, complemented by folding and sliding shutters, insect protection as well as terrace roofs and carports. With minimal energy use in the production and maximum energy saving during use, heroal system solutions contribute decisively to enabling sustainable construction – combined with the highest cost-effectiveness in the processing of the systems and the increase in the value of the buildings.

## Innovation, Service, Design, Durability

The heroal brand stands for system solutions that integrate practical innovations, industry-leading service and high-quality, integrated design with comprehensive sustainability in every architecture.



Roller shutters | Sun protection | Roller doors | Windows | Doors | Curtain walls | Service