H-RAIL

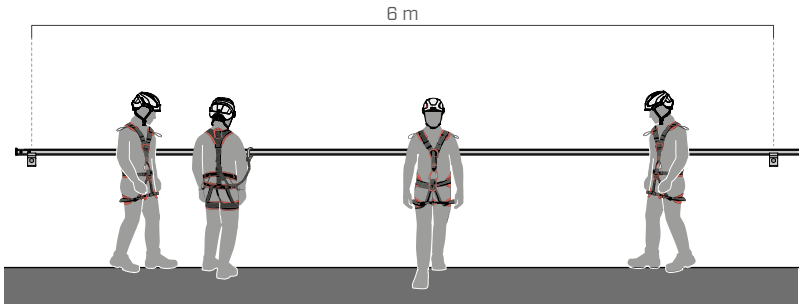
RAIL SYSTEM FOR HORIZONTAL AND VERTICAL USE

TO ALWAYS WORK ON THE RIGHT RAIL.

The H-RAIL rail system is safe and versatile. It can be used to create rigid horizontal or vertical anchor lines with minimal fastenings. Either curved or straight rigid anchor lines can be developed thanks to the system's modularity. H-RAIL is also suitable for rope access work on building façades. Sliding devices are available for different applications: choose the one that suits you and operate safely with H-RAIL!

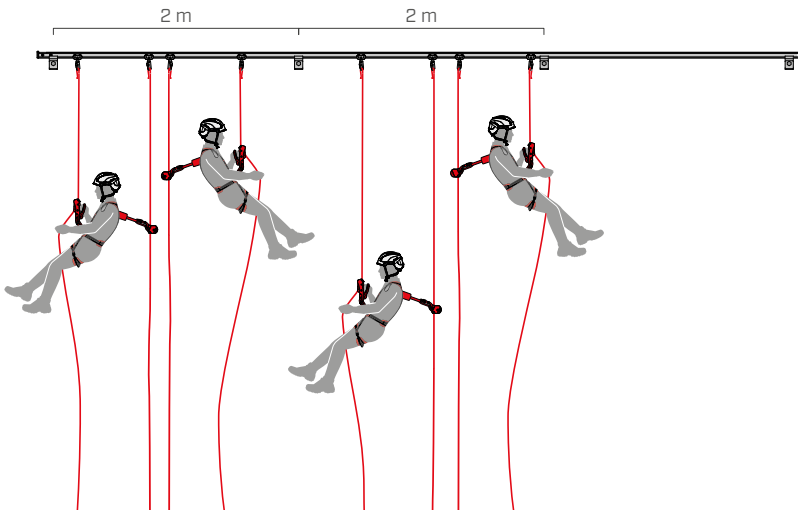
FASTENING BRACKETS SPAN

FALL PROTECTION WORK



The distance between fastening brackets for fall protection or restraint work can reach up to 6 metres, allowing 4 operators to use the system simultaneously on the same span.

ROPE ACCESS WORK



For rope access work, the maximum distance between the fastening brackets is 2 m, allowing 4 operators to use the system simultaneously and 2 on the same span.

SLIDING DEVICE

	RAILSLIDE RAILSLIDEA4	RAILSLIDEWALL RAILSLIDEWA4	RAILSLIDEOH RAILSLIDEOHA4	RAILSLIDERA RAILSLIDERAA4	RAILSLIDEV RAILSLIDEVA4	RAILSLIDEVH RAILSLIDEVHA4
						
horizontal	✓	✓	✓	✓		✓
vertical					✓	✓
inclined						✓
universal						✓
material	A2 AISI 304 / A4 AISI 316	A2 AISI 304 / A4 AISI 316	A2 AISI 304 / A4 AISI 316	A2 AISI 304 / A4 AISI 316	A2 AISI 304 / A4 AISI 316	A2 AISI 304 / A4 AISI 316
certification	EN 795 Type D	EN 795 Type D	EN 795 Type D	EN 795 Type D	EN 353-1:2014 + A1:2018	EN 353-1:2014 + A1:2018 / EN 795 Type D
removable	✓	✓	✓	✓	✓	✓
overhead			✓			
on wall	✓	✓		✓		✓
rope access work			✓	✓		

KEY POINTS

COLOUR AND ANODISING

On request, the system can be personalised with RAL colours.
Anodising is similarly available in a range of colours.

WHAT DOES THE CLIENT NEED?

CORROSION PROTECTION

ANODIZING	
CORROSIVITY CATEGORY	CORROSION PROTECTION
C_1	10 µm
C_2	15 µm
C_3	20 µm
C_4	210 µm
C_5	20 or 25 µm
C_x	special analysis required

CORROSION PROTECTION + COLOR

POWDER COATING		
CORROSIVITY CATEGORY	LOW SOLAR RADIATION	HIGH SOLAR RADIATION
C_1	powder CLASS 1	powder CLASS 2 or 3
C_2	powder CLASS 1	powder CLASS 2 or 3
C_3	powder CLASS 1	powder CLASS 2 or 3
C_4	powder CLASS 1 and Oxidation (FLASH)	powder CLASS 2 or 3 and Oxidation (FLASH)
C_5	powder CLASS 1 and Oxidation (FLASH)	powder CLASS 2 or 3 and Oxidation (FLASH)
C_x	special analysis required	

CUSTOM CURVES AND ANGLES

The rail can be custom curved, with a minimum curvature radius of 200 mm and curvature angle ranging from 90° to 180°.

LOADS

The loads on the substructure can range from a minimum of 6 kN to a maximum of 31 kN.

H-RAIL OVERHEAD

HORIZONTAL OVERHEAD RAIL SYSTEM

ADAPTABLE
The rail can be mounted on different types of substructures using specific plates.

FUNCTIONAL
The rail allows operators to work with their hands free and in safety by using sliding and retractable devices.

SAFE
The system has been tested for use in rope access work with multiple operators.

EN 795:2012 D | CEN/TS 16415:2013 | UNI 11578:2015 D | AS/NZS 1891.4:2009 | AS/NZS 1891.2:2001 | BS 8610:2017 01 - 02 - 03 - 05

MAXIMUM NUMBER OF USERS - 5

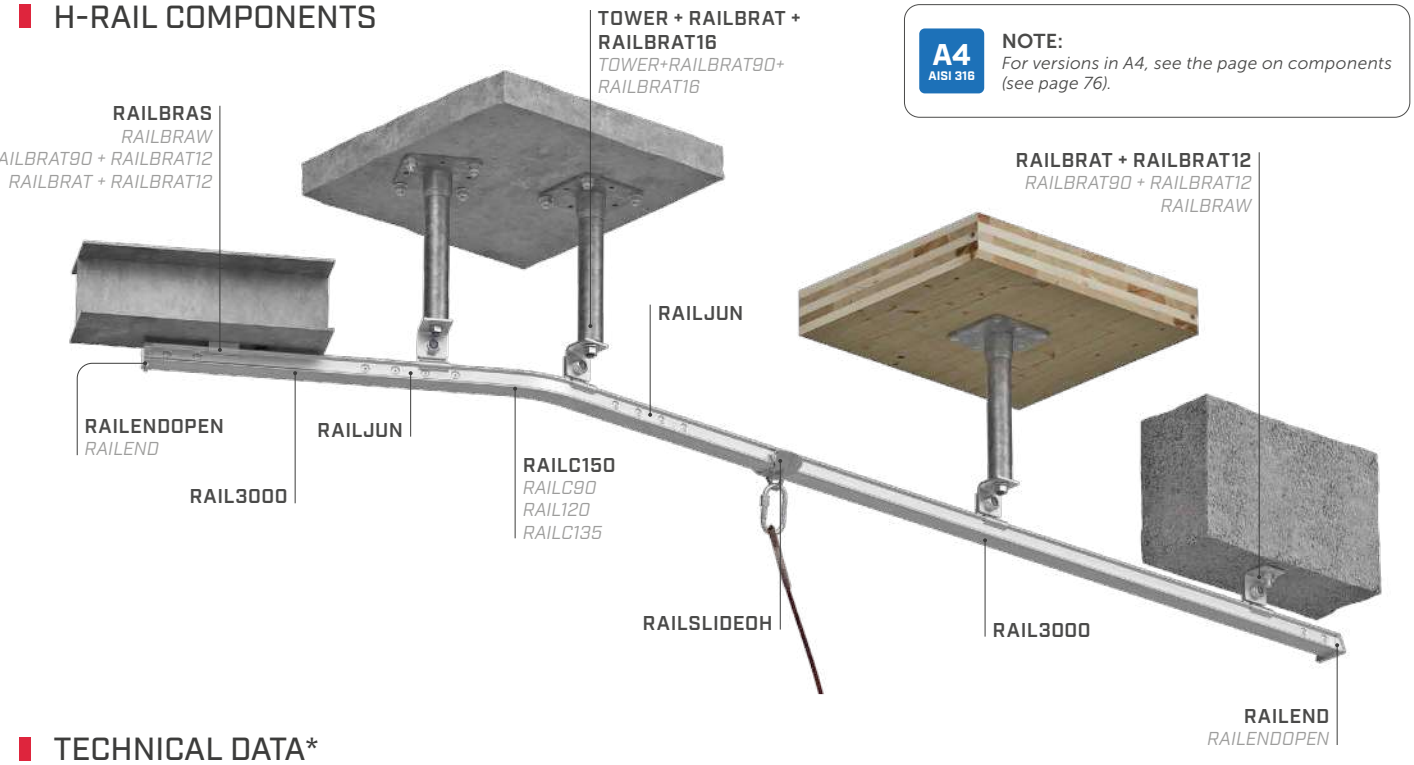
LOAD DIRECTION

TYPES OF APPLICATION

SOFTWARE

BIM | VIDEO | MANUALS

H-RAIL COMPONENTS



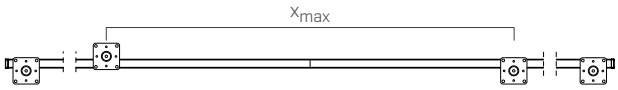
A4 AISI 316

NOTE:
For versions in A4, see the page on components (see page 76).

TECHNICAL DATA*

substructure	minimum thickness	support	fasteners
GL24h	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø11
CLT	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø13
C20/25	140 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW	AB1 M12 INA 5.8 M12 VIN-FIX SKR Ø12

substructure	minimum thickness	support	fasteners
S235JR	5 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW RAILBRAS	DIN 933 M12 MUT AI 985 M12 DIN 7991 M10
TOWER(1)	5 mm	RAILBRAT + RAILBRAT16 RAILBRAT90 + RAILBRAT16	-



** The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.*

(1) For TOWER fastening, see page 30.

fall protection restraint			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 01 - 02 - 05
users (system)		no.	4			N.A.		1
users (span)		no.	4			1		1
maximum span	x_{max}	[m]	6			6		6

suspension			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 03 - 05
users (system)		no.	4			N.A.		1
users (span)		no.	2			2		1
maximum span	x_{max}	[m]	2			2		2

For H-RAIL OVERHEAD components, see page 76.

H-RAIL ON WALL

HORIZONTAL WALL-MOUNTED RAIL SYSTEM

AESTHETICS
Supports with minimal visual impact are available for direct fastening to the structure.

FUNCTIONAL
It can be used with special sliding devices both for fall protection work and rope access work.

SIMPLE
It is compatible with various substructures, including timber, concrete and steel, effectively addressing all construction site requirements.

EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	BS 8610:2017 01 - 02 - 03 - 05

MAXIMUM NUMBER OF USERS	1 - 5
LOAD DIRECTION	
TYPES OF APPLICATION	

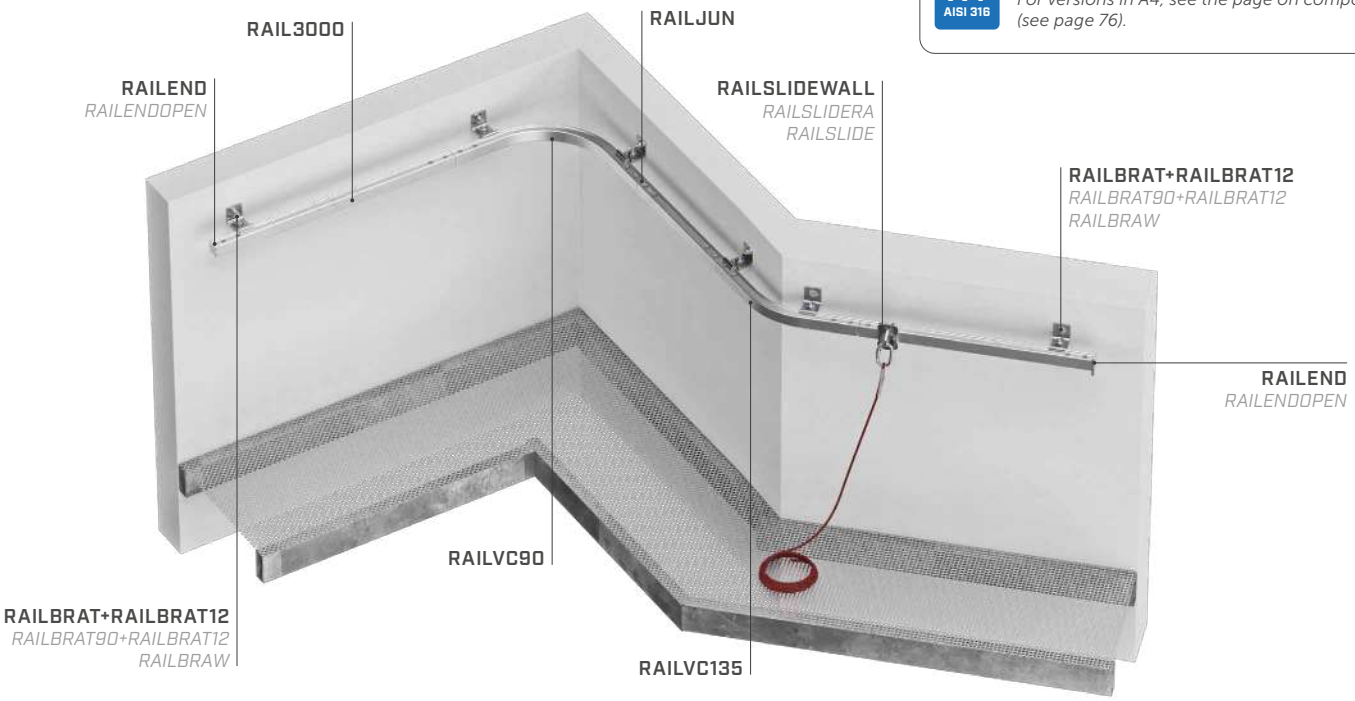
SOFTWARE

BIM VIDEO MANUALS

H-RAIL COMPONENTS

A4 AISI 316

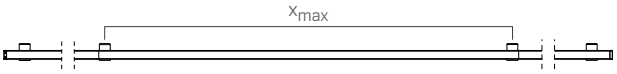
NOTE:
For versions in A4, see the page on components (see page 76).



TECHNICAL DATA*

substructure	minimum thickness	support	fasteners
GL24h	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø11
CLT	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø13

substructure	minimum thickness	support	fasteners
C20/25	140 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW	AB1 M12 INA 5.8 M12 VIN-FIX SKR Ø12
S235JR	5 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW RAILBRAS	DIN 933 M12 MUT AI 985 M12 DIN 7991 M10



** The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.*

fall protection restraint			EN 795:2012 D / CEN/TS 16415:2013 / UNI 11578:2015 D	AS/NZS 1891.2:2001 / AS/NZS 1891.4:2009	BS 8610:2017 D1 - D2 - D5
users (system)		no.	4	N.A.	1
users (span)		no.	4	1	1
maximum span	x_{max}	[m]	6	6	6

suspension			EN 795:2012 D / CEN/TS 16415:2013 / UNI 11578:2015 D	AS/NZS 1891.2:2001 / AS/NZS 1891.4:2009	BS 8610:2017 D3 - D5
users (system)		no.	4	N.A.	1
users (span)		no.	2	2	1
maximum span	x_{max}	[m]	2	2	2

For H-RAIL ON WALL components, see page 76.

H-RAIL + SOLID

RAIL SYSTEM ON RIGID SUPPORT FOR ROPE ACCESS WORK

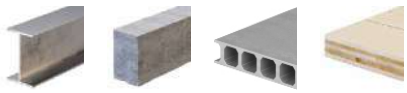
DESIGNED FOR ROPE ACCESS WORK
The highly rigid and very strong support, combined with the jaw-plate anchor system, ensures safety and comfort during rope access work.

LIGHT
Made from aluminium alloy, the lightweight support is easy to handle and install.

ADAPTABLE
Available in heights between 400 and 1000 mm, it adapts to different roofing thicknesses.

EN 795:2012 D | CEN/TS 16415:2013 | UNI 11578:2015 D | AS/NZS 1891.4:2009 | AS/NZS 1891.2:2001 | BS 8610:2017 A3/A5/D | AS/NZS 5532:2013 | ANSI* Z359.18 -2017 A

*The system has been developed and tested in full accordance with the static, dynamic and residual strength requirements outlined in the relative ANSI standard.



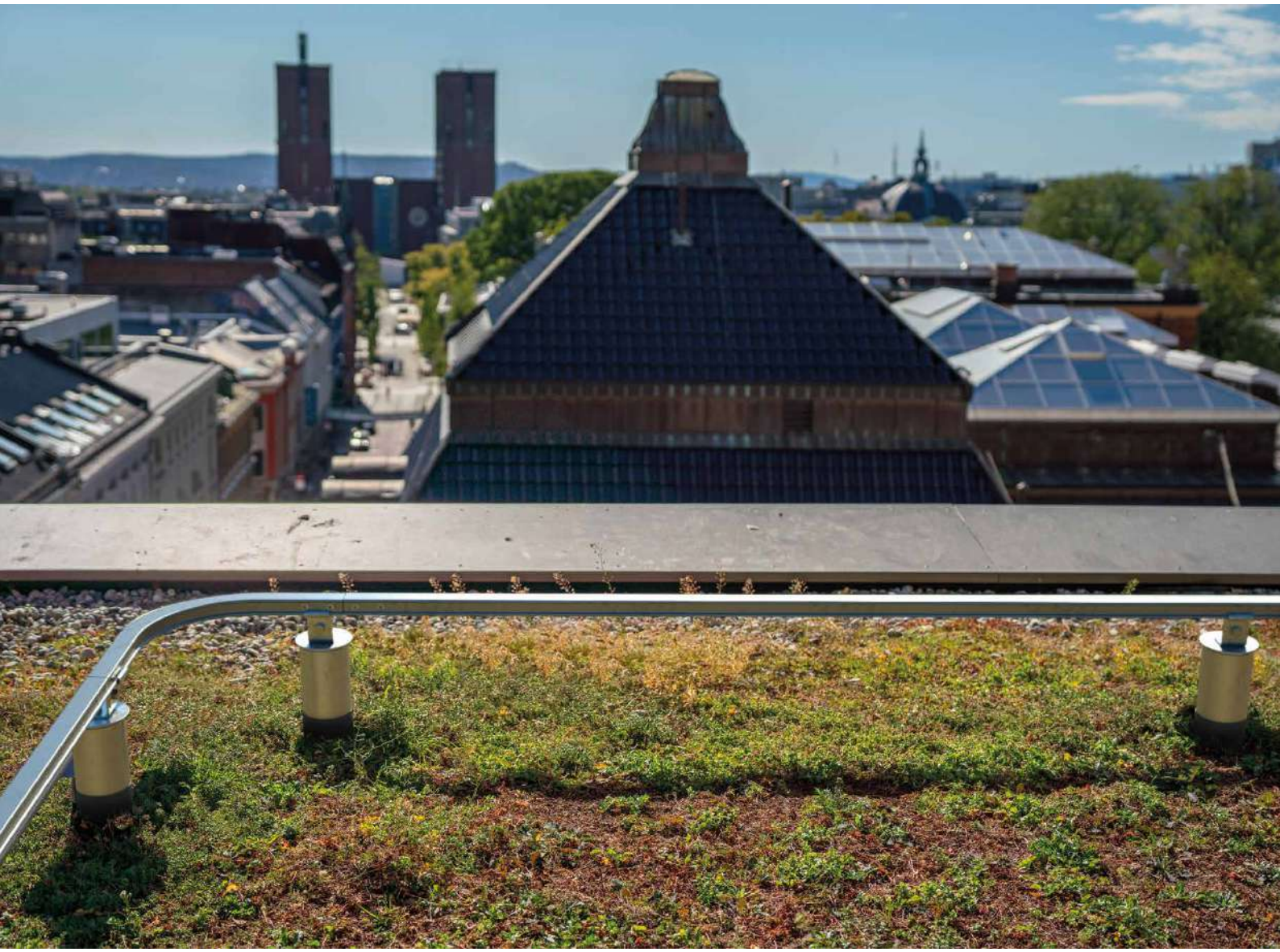
MAXIMUM NUMBER OF USERS - 4

LOAD DIRECTION

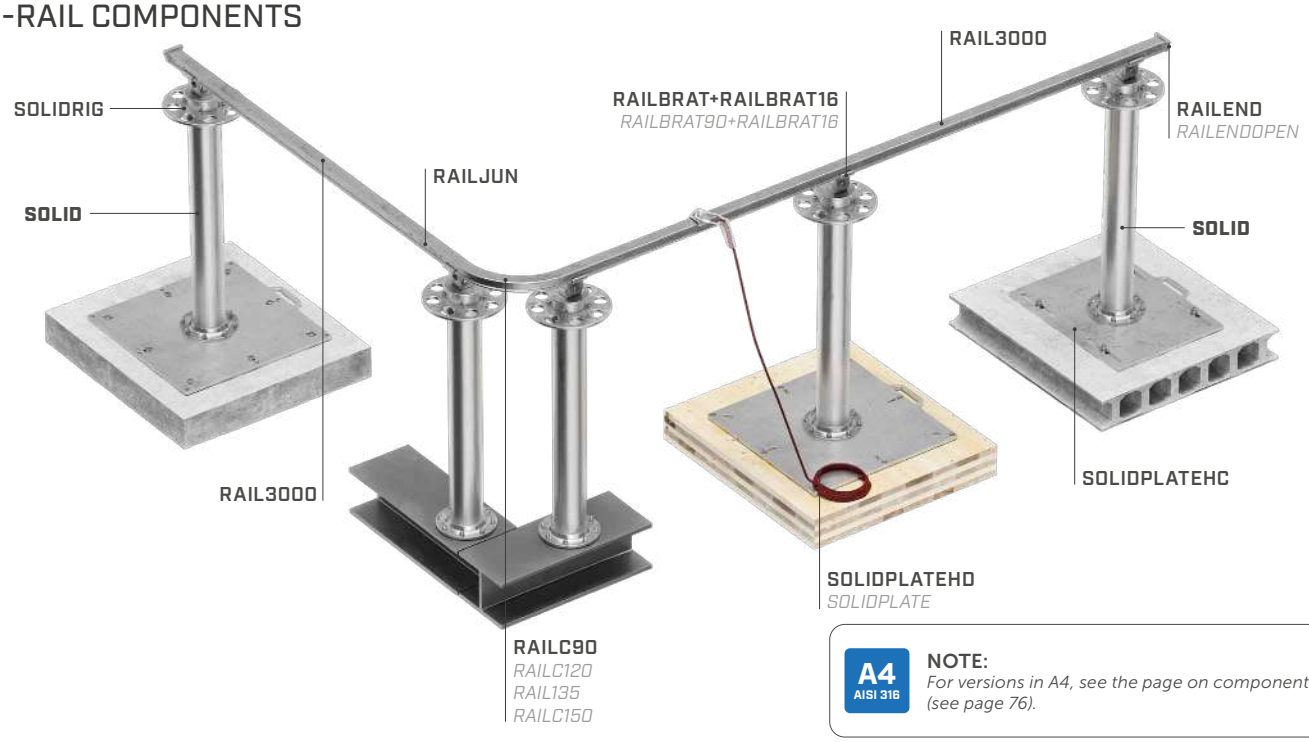
TYPES OF APPLICATION

SOFTWARE

BIM | VIDEO | MANUALS



H-RAIL COMPONENTS



A4 AISI 316 **NOTE:** *For versions in A4, see the page on components (see page 76).*

TECHNICAL DATA**

substructure	minimum thickness	fasteners
CLT	160 mm	VGS (EVO) Ø13 HUS12
C20/25	-	INA Ø16 8.8
S235	15 mm	bolt or rod M12 10.9

substructure	minimum thickness	fasteners
C20/25	140 mm	AB1 Ø12
		SKR (EVO) Ø12
		INA Ø12 8.8 VIN-FIX

***The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.*

fall protection restraint			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 01-02-05
users (system)		no.	4			N.A.		1
users (span)		no.	4			1		1
maximum span	x_{max}	[m]	6			6		6

suspension			with SOLIDRIG							
			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 03-05	AS/NZS 5532:2013	BS 8610:2017 A3/A5	ANSI* Z359.18 -2017 A
users (system)		no	4			N.A.		1	2		1
users (span)		no.	2			2		1	-		-
maximum span	x_{max}	[m]	2			2		2	-		-

For H-RAIL+ SOLID components, see page 76.

For SOLID components, see page 36.

H-RAIL + TOWER

HORIZONTAL RAIL SYSTEM ON SUPPORTS

COMPATIBLE
It can be assembled in combination with all TOWER brackets.

FUNCTIONAL
The combination with TOWER supports allows to raise the rail to overcome obstacles in the roof.

SIMPLE
The special mounting plate ensures quick and simple installation of the rail on the TOWER supports.

EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	BS 8610:2017 01 - 02 - 03 - 05

MAXIMUM NUMBER OF USERS - 5

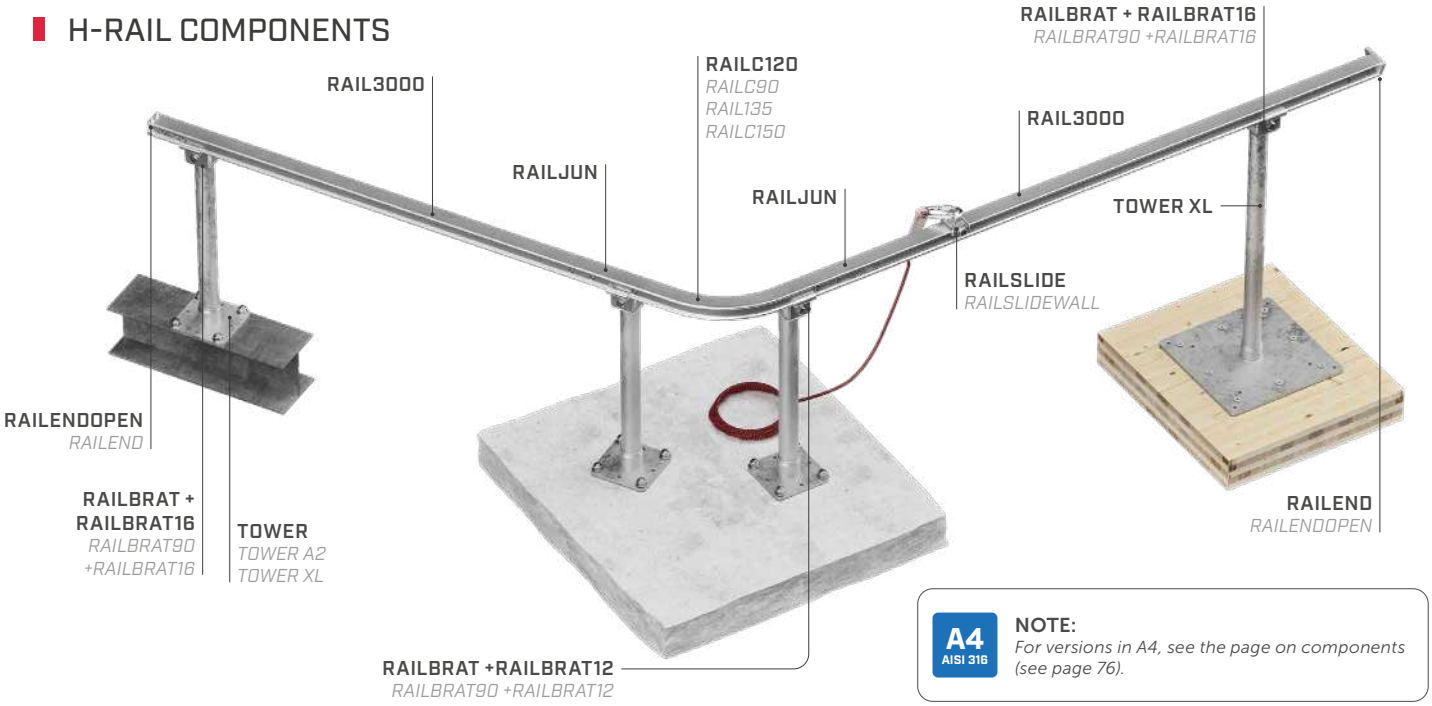
LOAD DIRECTION

TYPES OF APPLICATION

SOFTWARE

BIM VIDEO MANUALS

H-RAIL COMPONENTS



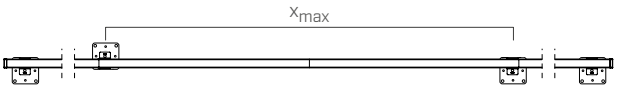
A4 AISI 316

NOTE:
For versions in A4, see the page on components (see page 76).

TECHNICAL DATA*

H-RAIL ON TOWER | TOWERA2 | TOWER22

substructure	minimum thickness	support	fasteners
GL24h	160mm	RAILBRAT + RAILBRAT16 RAILBRAT90 + RAILBRAT16	VGS (EVO) Ø9 ULS Ø10
CLT	200 mm		VGS (EVO) Ø9 ULS Ø10
C20/25	140 mm		AB1 M12 SKR Ø12 INA 5.8 M12 VIN-FIX HYB-FIX
S235JR	6 mm		DIN 933 M12 DIN 125-1A M12 MUT AI 985 M12



H-RAIL ON TOWERXL

substructure	minimum thickness	support	fasteners
CLT	100 mm	RAILBRAT + RAILBRAT16 RAILBRAT90 + RAILBRAT16	VGS (EVO) Ø11 HUS Ø10
C20/25	110 mm		AB7 Ø10 SKR Ø12 INA 5.8 M10 VIN - FIX
C45/55	30 mm		BEF TOWERXL1 Ø10
	0,75 mm		TRAPO SET

** The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.*

fall protection restraint			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 01 - 02 - 05
users (system)	no.		4			N.A.		1
users (span)	no.		4			1		1
maximum span	x_{max}	[m]	6			6		6

TOWER

suspension			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 03 - 05
users (system)	no.		4			N.A.		1
users (span)	no.		2			2		1
maximum span	x_{max}	[m]	2			2		2

For H-RAIL + TOWER components, see page 76.

H-RAIL ON FLOOR

HORIZONTAL RAIL SYSTEM

LOW PROFILE
The rail occupies minimal space on the roof and has a low visual impact.

COMPLETE
The system can be used for different applications (horizontal, vertical and overhead) by using the specific sliding devices.

FAST INSTALLATION
The wide fastening span (6 m) ensures rapid assembly due to the limited number of fastening points.

EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	BS 8610:2017 01 - 02 - 03 - 05

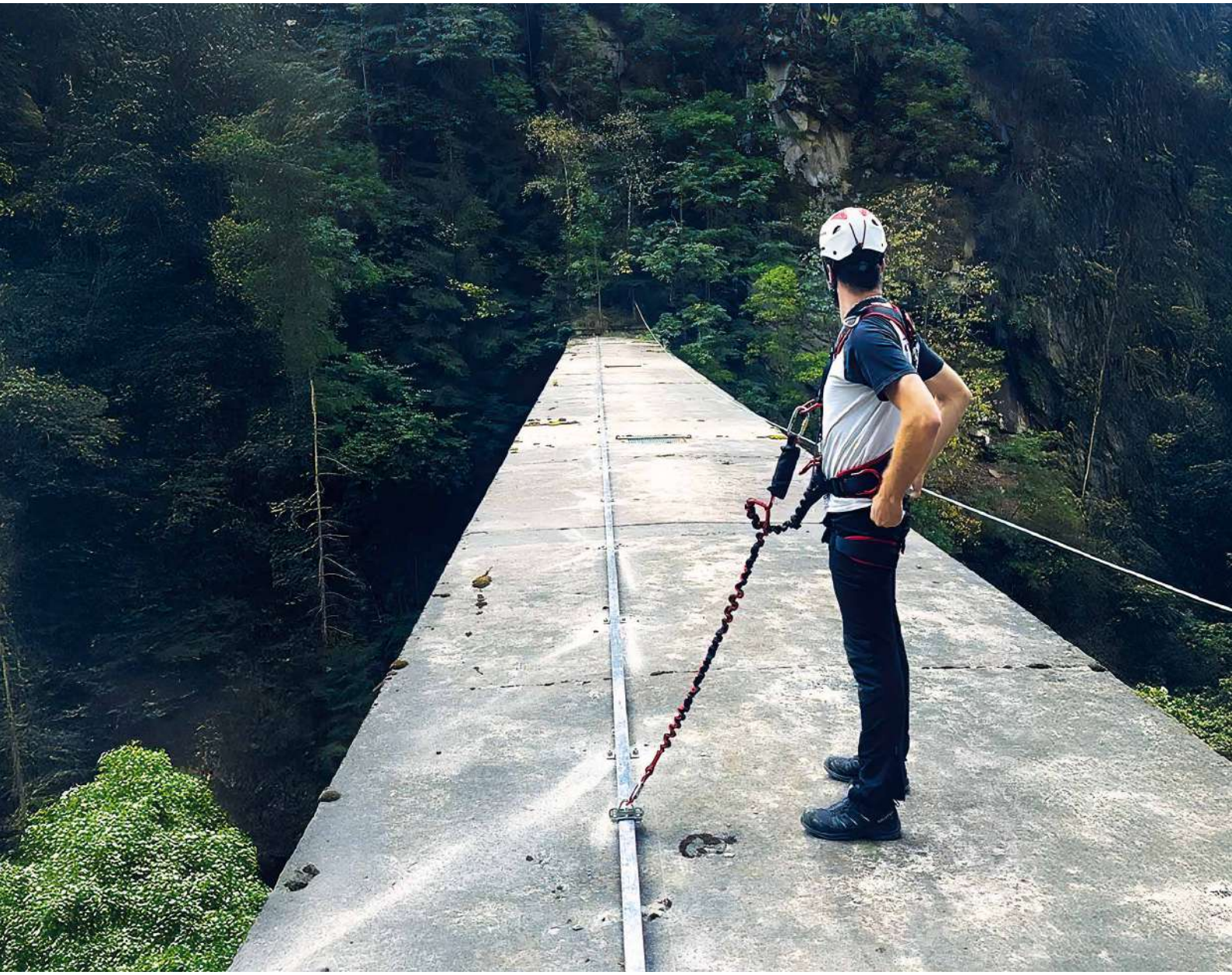
MAXIMUM NUMBER OF USERS

LOAD DIRECTION

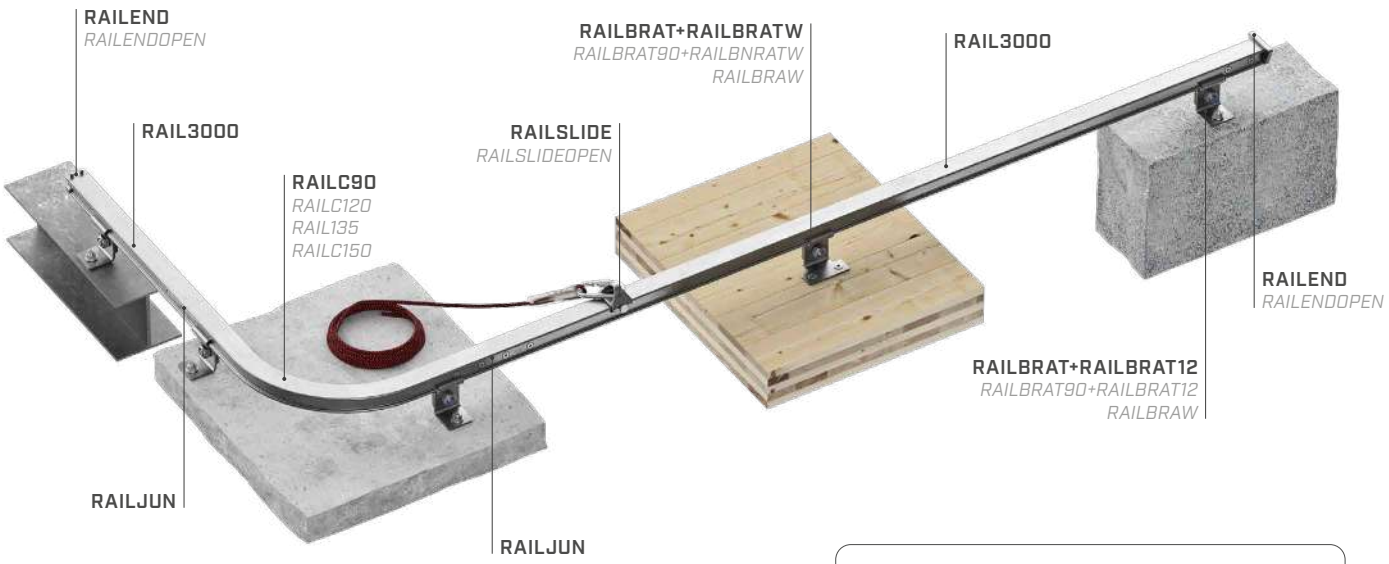
TYPES OF APPLICATION

SOFTWARE

BIM VIDEO MANUALS



H-RAIL COMPONENTS



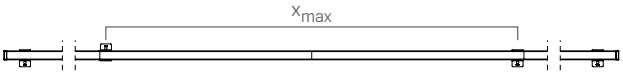
A4 AISI 316

NOTE:
For versions in A4, see the page on components (see page 76).

TECHNICAL DATA*

substructure	minimum thickness	support	fasteners
GL24h	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø11
CLT	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø13

substructure	minimum thickness	support	fasteners
C20/25	140 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW	AB1 M12 INA 5.8 M12 VIN-FIX SKR Ø12
S235JR	5 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW RAILBRAS	DIN 933 M12 MUT AI 985 M12 DIN 7991 M10



** The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.*

fall protection restraint			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 01 - 02 - 05
users (system)		no.	4			N.A.		1
users (span)		no.	4			1		1
maximum span	x_{max}	[m]	6			6		6

suspension			EN 795:2012 D	CEN/TS 16415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 03 - 05
users (system)		no.	4			N.A.		1
users (span)		no.	2			2		1
maximum span	x_{max}	[m]	2			2		2

For H-RAIL ON FLOOR components, see page 76.

H-RAIL VERTICAL

RAIL SYSTEM FOR VERTICAL USE ON LADDER

EN 353-1:2014 + A1:2018 | RfU 11.119 | AS/NZS 1891.3.2020

FUNCTIONAL
The sliding device with integrated energy absorber allows continuous ascent and descent in safe and comfortable conditions.

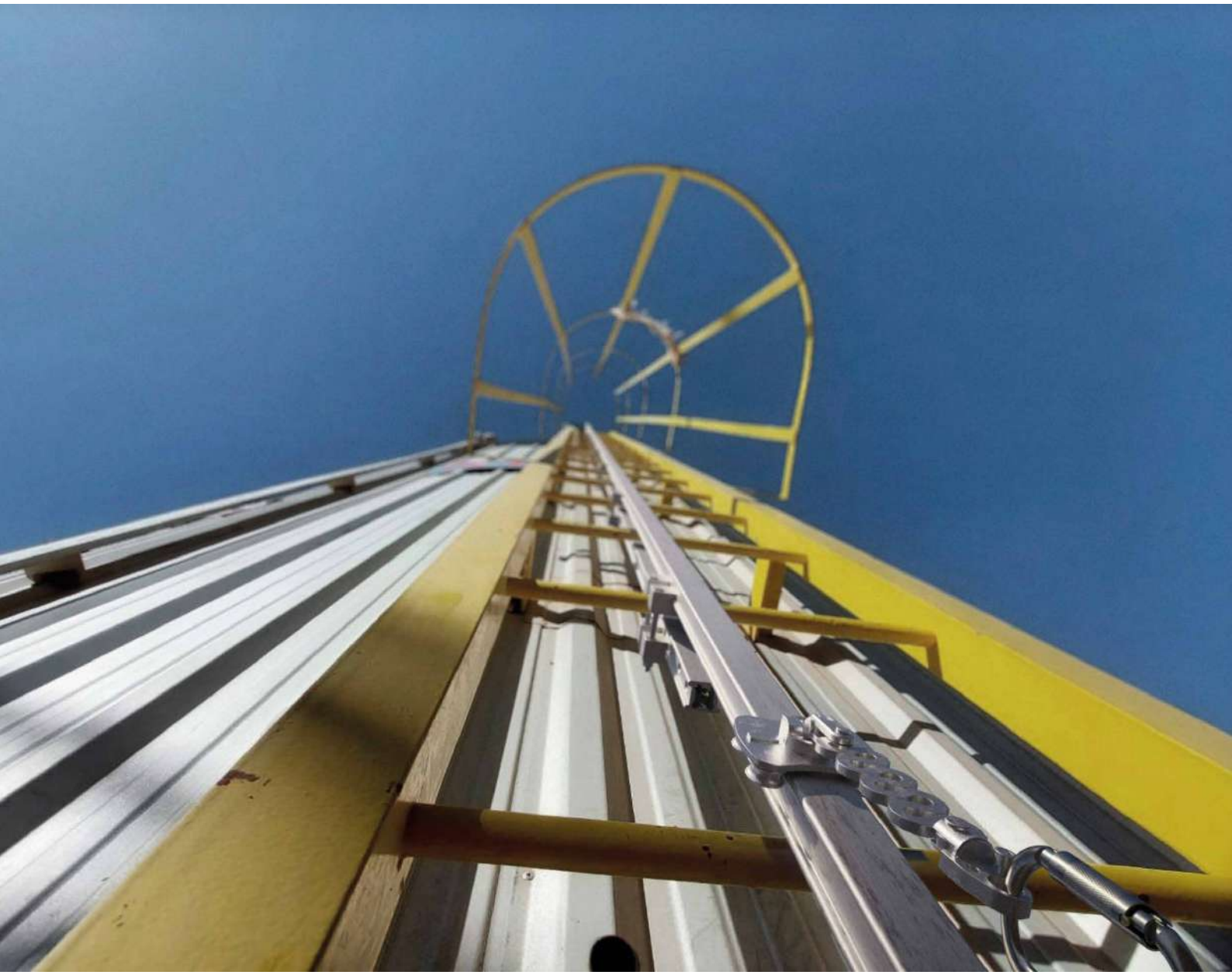
DURABLE
The elements in AISI 304 stainless steel and aluminium alloy provide excellent resistance to corrosion.

PRACTICAL
It is a user-friendly system comprised of few elements that are easy to install.

MAXIMUM NUMBER OF USERS	
LOAD DIRECTION	
TYPES OF APPLICATION	

SOFTWARE

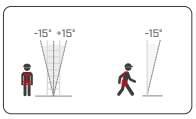
BIM | VIDEO | MANUALS

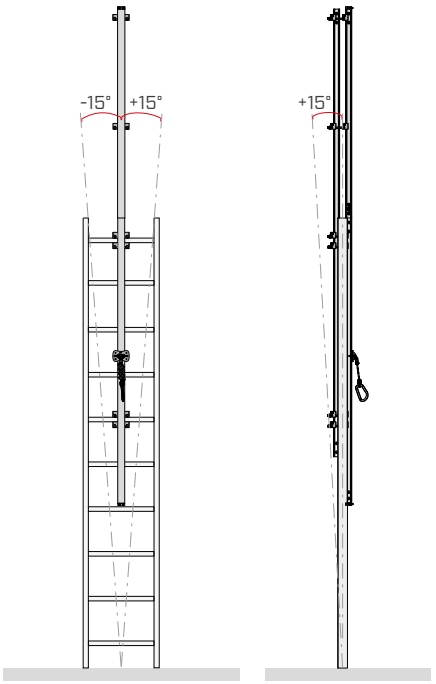


TECHNICAL DATA

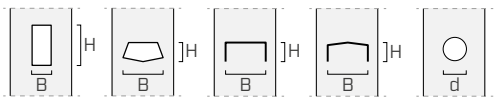
fall protection			EN 353-1:2014 + A1:2017 / RfU 11.119	AS/NZS 1891.3.2020
maximum number of users		no.		
minimum distance between operators	z_{min}	[m]	3	3
minimum span	x_{min}	[m]	0,5	0,5
maximum span	x_{max}	[m]	3	3

installation range



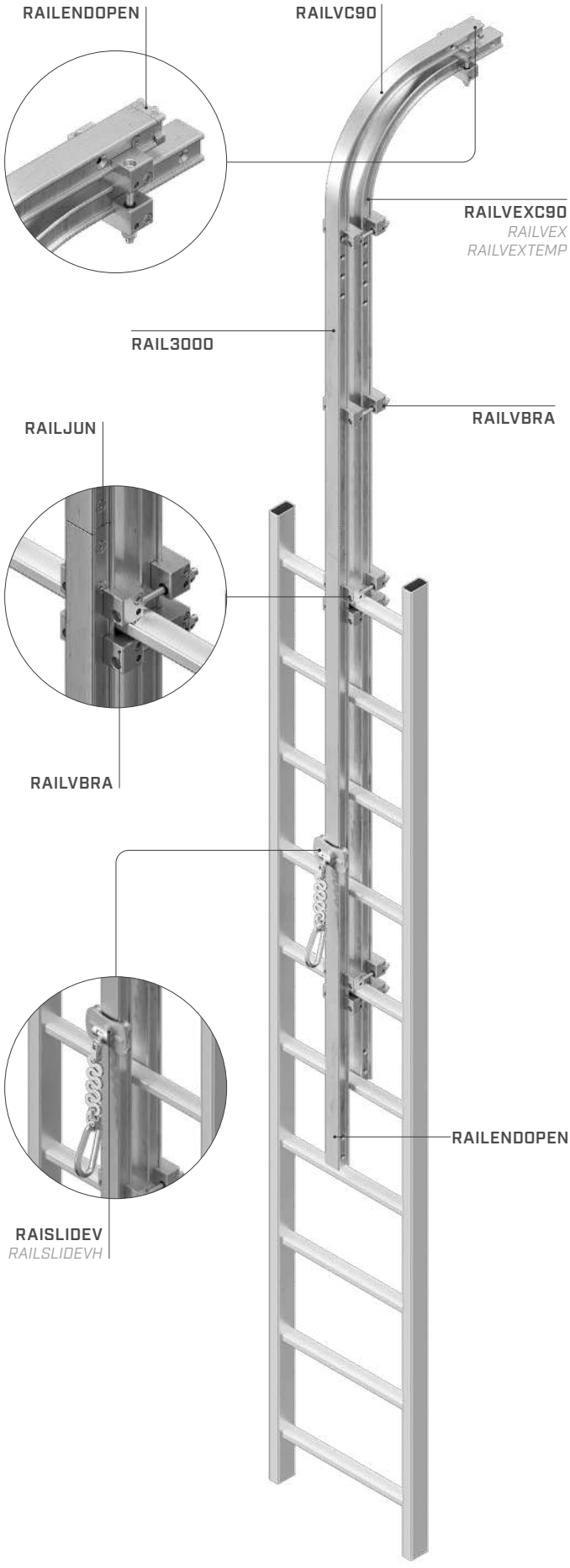


step shape



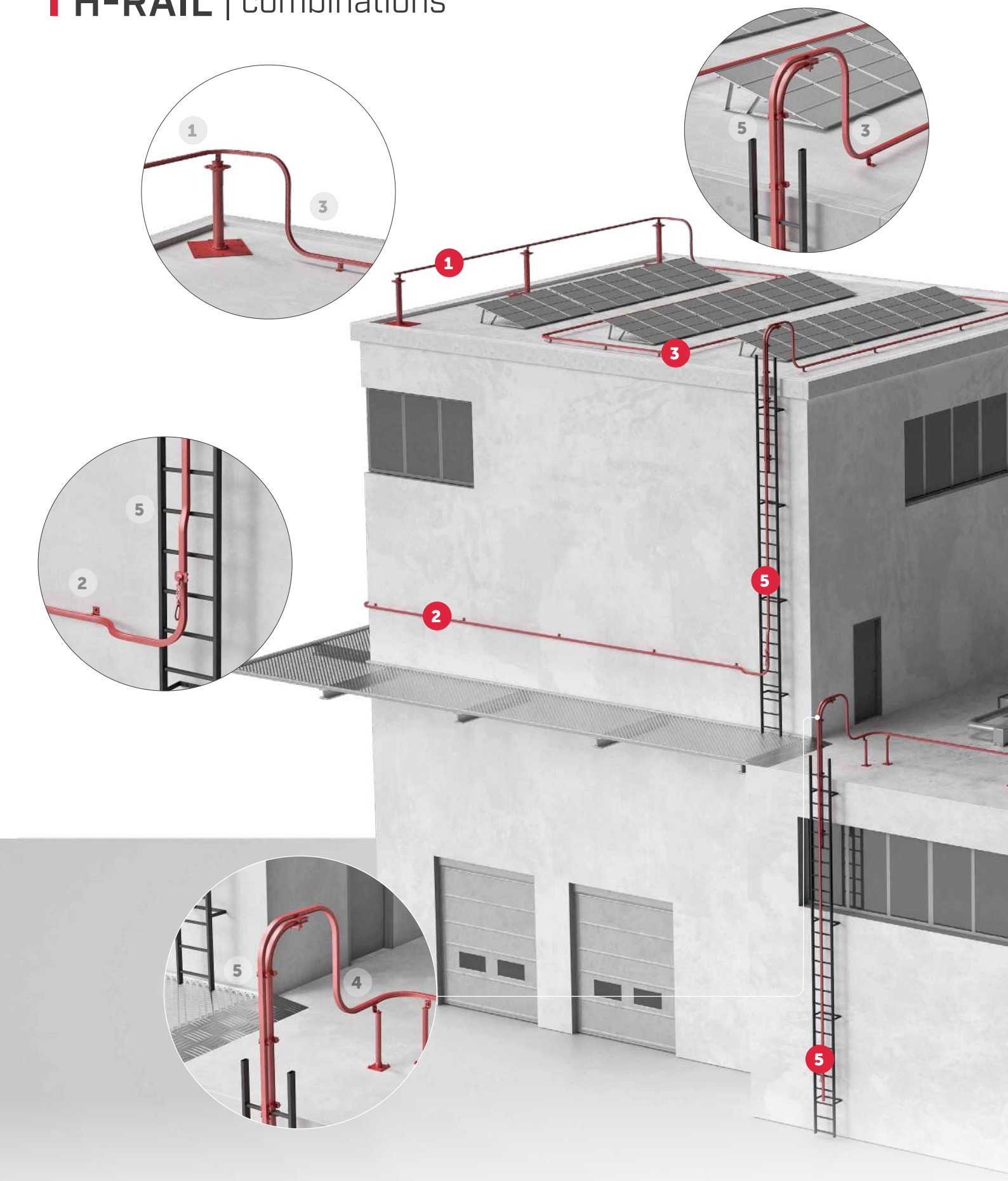
B from 20 to 100 mm
H from 10 to 60 mm
d max 60 mm

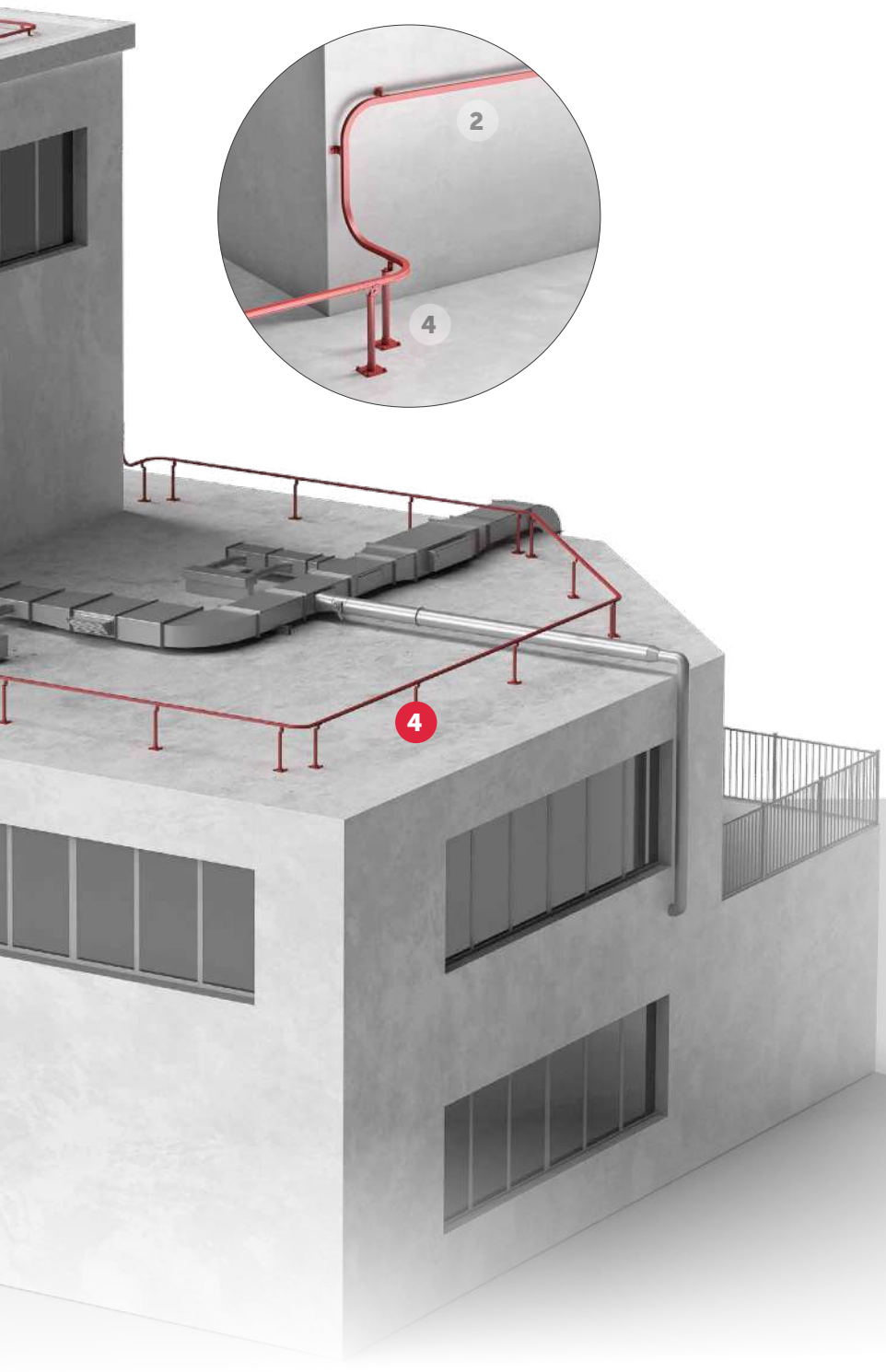
H-RAIL VERTICAL COMPONENTS



A4 AISI 316 **NOTE:**
For versions in A4, see the page on components (see page 76).

H-RAIL | combinations





1 H-RAIL + SOLID

2 H-RAIL ON WALL

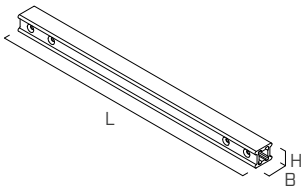
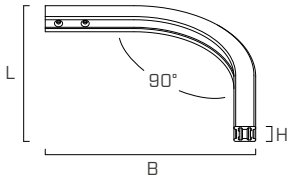
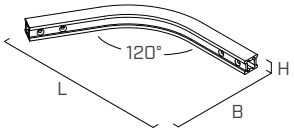
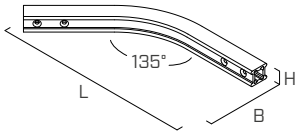
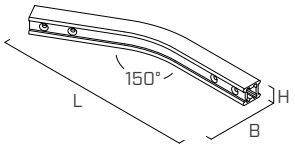
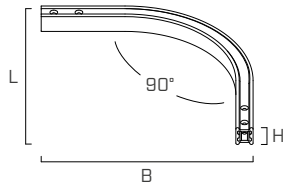
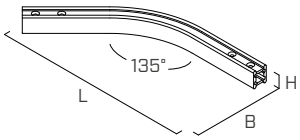
3 H-RAIL ON FLOOR

4 H-RAIL + TOWER

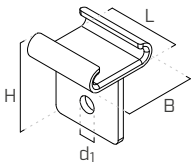
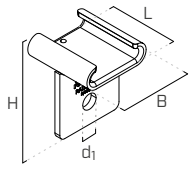
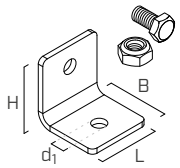
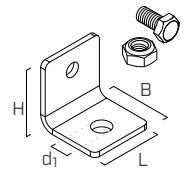
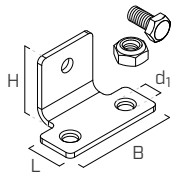
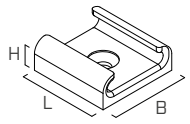
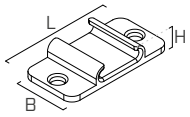
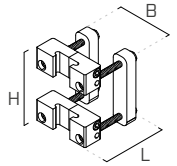
5 H-RAIL VERTICAL

H-RAIL | components

RAILS | CODES AND DIMENSIONS

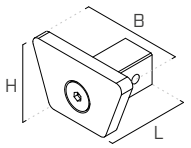
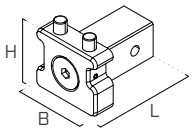
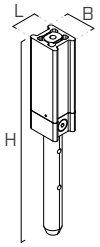
CODE	description	material	B [mm] *[in]*	H [mm] *[in]*	L [mm] *[in]*	pcs	
RAIL3000	3 m aluminium rail	EN AW 6063 (T6)	49 *1 15/16*	41 *1 5/8*	3000 *118 1/8*	1	
RAILC90	aluminium 90° bend for rail	EN AW 6063 (T6)	475 *18 11/16*	41 *1 5/8*	475 *18 11/16*	1	
RAILC120	aluminium 120° bend for rail	EN AW 6063 (T6)	335 *13 1/4*	41 *1 5/8*	538 *21 3/16*	1	
RAILC135	aluminium 135° bend for rail	EN AW 6063 (T6)	257 *10 1/8*	41 *1 5/8*	536 *21 1/8*	1	
RAILC150	aluminium 150° bend for rail	EN AW 6063 (T6)	180 *7*	41 *1 5/8*	511 *20 3/16*	1	
RAILVC90	aluminium vertical 90° bend for rail	EN AW 6063 (T6)	506 *19 15/16*	49 *1 15/16*	506 *19 15/16*	1	
RAILVC135	aluminium vertical 135° bend for rail	EN AW 6063 (T6)	260 *10 1/4*	49 *1 15/16*	558 *21 15/16*	1	

SUPPORTS | CODES AND DIMENSIONS

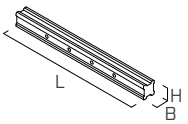
CODE	description	material	d_1 [mm] *[in]*	B [mm] *[in]*	H [mm] *[in]*	L [mm] *[in]*	pcs	
RAILBRAT	support to be combined with RAILBRAT12 - RAILBRAT16- RAILBRAW	AISI 304 stainless steel grade 1.4301	13,5 *9/16*	60 *2 3/8*	74 *2 15/16*	60 *2 3/8*	1	
RAILBRATA4	support in A4 to be combined with RAILBRAT12A4 - RAILBRAT16A4 - RAILBRAWA4	AISI 316 stainless steel grade 1.4401						
RAILBRAT90	support to be combined with RAILBRAT12 - RAILBRAT16 - RAILBRAW	AISI 304 stainless steel grade 1.4301	13,5 *9/16*	60 *2 3/8*	74 *2 15/16*	60 *2 3/8*	1	
RAILBRAT90A4	support in A4 to be combined with RAILBRAT12A4 - RAILBRAT16A4 - RAILBRAWA4	AISI 316 stainless steel grade 1.4401						
RAILBRAT12	bottom element to be combined with RAILBRAT or RAILBRAT90	AISI 304 stainless steel grade 1.4301	13,5 *9/16*	60 *2 3/8*	63 *2 1/2*	60 *2 3/8*	1	
RAILBRAT12A4	bottom element in A4 to be combined with RAILBRATA4 or RAILBRAT90A4	AISI 316 stainless steel grade 1.4401						
RAILBRAT16	bottom element to be combined with RAILBRAT or RAILBRAT90	AISI 304 stainless steel grade 1.4301	17 *11/16*	60 *2 3/8*	63 *2 1/2*	60 *2 3/8*	1	
RAILBRAT16A4	bottom element in A4 to be combined with RAILBRATA4 or RAILBRAT90A4	AISI 316 stainless steel grade 1.4401						
RAILBRATW	bottom element for timber to be combined with RAILBRAT or RAILBRAT90	AISI 304 stainless steel grade 1.4301	14 *9/16*	103 *4 1/16*	63 *2 1/2*	60 *2 3/8*	1	
RAILBRATWA4	bottom element in A4 for timber to be combined with RAILBRATA4 or RAILBRAT90A4	AISI 316 stainless steel grade 1.4401						
RAILBRAS	support for installation on steel	AISI 304 stainless steel grade 1.4301	11 *7/16*	60 *2 3/8*	22 *7/8*	60 *2 3/8*	1	
RAILBRASA4	A4 support for installation on steel	AISI 316 stainless steel grade 1.4401						
RAILBRAW	support for installation on timber and concrete	AISI 304 stainless steel grade 1.4301	14 *9/16*	60 *2 3/8*	22 *7/8*	120 *4 3/4*	1	
RAILBRAWA4	A4 support for installation on timber and concrete	AISI 316 stainless steel grade 1.4401						
RAILVBRA	support for vertical installation on ladder	AISI 304 stainless steel grade 1.4301 EN AW 6082 aluminium	- -	117 *4 3/8*	139 *5 11/16*	157 *4 5/8*	1	

H-RAIL | components

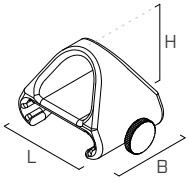
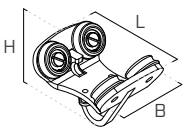
END ELEMENTS | CODES AND DIMENSIONS

CODE	description	material	B [mm] [in]	H [mm] [in]	L [mm] [in]	pcs	
RAILEND	fixed end element	AISI 304 stainless steel grade 1.4301	85 *3 3/8*	49 *1 15/16*	55 *2 3/16*	1	
RAILENDA4	A4 fixed end element	AISI 316 stainless steel grade 1.4401					
RAILENDOPEN	opening end element	AISI 304 stainless steel grade 1.4301	49 *1 15/16*	49 *1 15/16*	60 *2 3/8*	1	
RAILENDOPENA4	A4 opening end element	AISI 316 stainless steel grade 1.4401					
RAILVEND	opening end element for vertical installation on ladder	AISI 304 stainless steel grade 1.4301 EN AW 6063 aluminium	49 *1 15/16*	108 *4 1/4*	41 *1 5/8*	1	

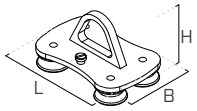
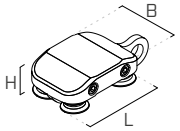
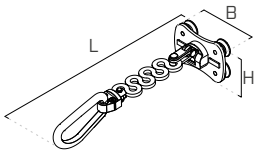
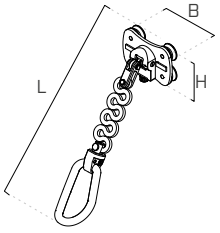
JOINTS | CODES AND DIMENSIONS

CODE	description	material	B [mm] [in]	H [mm] [in]	L [mm] [in]	pcs	
RAILJUN	joint element for rail	EN AW 6082 aluminium	29 *1 1/8*	33 *1 5/16*	340 *13 3/8*	1	

SLIDING DEVICES | CODES AND DIMENSIONS

CODE	description	material	B [mm] [in]	H [mm] [in]	L [mm] [in]	pcs	
RAILSLIDE	sliding device	AISI 304 stainless steel grade 1.4301	50 *1 15/16*	50 *1 15/16*	70 *2 3/4*	1	
RAILSLIDEA4	A4 sliding device	AISI 316 stainless steel grade 1.4401					
RAILSLIDEOH	sliding device for overhead applications and rope access work	AISI 304 stainless steel grade 1.4301	70 *2 3/4*	72 *2 13/16*	95 *3 3/4*	1	
RAILSLIDEOHA4	A4 sliding device for overhead applications and rope access work	AISI 316 stainless steel grade 1.4401					

SLIDING DEVICES | CODES AND DIMENSIONS

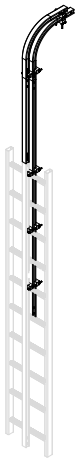
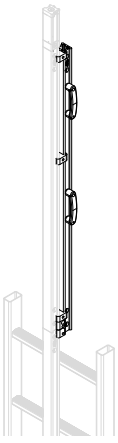
CODE	description	material	B [mm] *[in]*	H [mm] *[in]*	L [mm] *[in]*	pcs	
RAILSLIDEWALL	sliding device for wall application	AISI 304 stainless steel grade 1.4301	69 *2 3/4*	73 *2 13/16*	111 *4 3/8*	1	
RAILSLIDEWA4	A4 sliding device for wall application	AISI 316 stainless steel grade 1.4401					
RAILSLIDERA	sliding device for wall application and rope access work	AISI 304 stainless steel grade 1.4301 EN AW 6082 aluminium	70 *2 3/4*	43 *1 11/16*	151 *5 15/16*	1	
RAILSLIDERAA4	A4 sliding device for wall application and rope access work	AISI 316 stainless steel grade 1.4401 EN AW 6082 aluminium					
RAILSLIDEV	sliding device for vertical application	AISI 304 stainless steel grade 1.4301	110 *4 3/8*	73 *2 7/8*	355 *14*	1	
RAILSLIDEVA4	sliding device in A4 for vertical application	AISI 316 stainless steel grade 1.4401					
RAILSLIDEVH	sliding device for combined vertical and horizontal application	AISI 304 stainless steel grade 1.4301	-	-	-	1	
RAILSLIDEVHA4	sliding device in A4 for combined vertical and horizontal application	AISI 316 stainless steel grade 1.4401					

FASTENERS | CODES AND DIMENSIONS

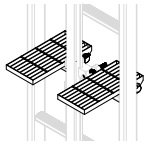
CODE	description	material	d_1 [mm] *[in]*	B [mm] *[in]*	H [mm] *[in]*	L [mm] *[in]*	pcs	
RAILOCKSCREW	screw for RAILBRAT with knurled head for rail clamping	A1-70 stainless steel	20 *0.79*	- -	14 *9/16*	- -	1	
RAILSCREW	fastening screws for RAILJUN, RAILEND and RAILENDOPEN DIN 7991 M8 x 16 A2-70	A2-70 stainless steel	8 *0.31*	- -	16 *5/8*	- -	50	
RAILSCREWA4	fastening screws for RAILJUN, RAILEND and RAILENDOPEN DIN 7991 M8 x 16 A4-70	A4-70 stainless steel						

H-RAIL | components

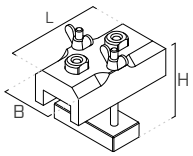
EXIT RAILS | CODES AND DIMENSIONS

CODE	description	material	pcs	
RAILVEX	straight exit rail for vertical installation on ladder	AISI 304 stainless steel grade 1.4301 EN AW 6063 aluminium	1	
RAILVEXC90	90° curved exit rail for vertical installation on ladder	AISI 304 stainless steel grade 1.4301 EN AW 6063 aluminium	1	
RAILVEXTEMP	removable exit rail for vertical installation on ladder	AISI 304 stainless steel grade 1.4301 EN AW 6063 aluminium	1	

REST | CODES AND DIMENSIONS

CODE	description	material	pcs	
RAILVREST	rest board for vertical installation on ladder	AISI 304 stainless steel grade 1.4301	1	

ACCESSORIES | CODES AND DIMENSIONS

CODE	description	material	B [mm] *[in]*	H [mm] *[in]*	L [mm] *[in]*	pcs	
RAILJUNTOOL	template for rail junction holes	EN AW 6082 1.1191 (C45E) aluminium AISI 304 stainless steel grade 1.4301	92 *3 5/8*	116 *4 9/16*	132 *5 3/16*	1	
RAILPLATE	identification plate for H-RAIL (languages: Italian, English, German, French, Spanish)	-	40 *1 9/16*	140 *5 1/2*	- -	1	-
RAILPLATEBS	identification plate for H-RAIL according to British standards (languages: Italian, English, German, French, Spanish)	-	41 *1 5/8*	285 *11 1/4*	- -	1	-
RAILVPLATE	identification plate for vertical installation on ladder	-	- -	- -	- -	1	-

INFORMATION PLATES | CODES AND DIMENSIONS

CODE	description	material	pcs
TARGAxy*	information plate for fall protection systems	stainless steel (AISI 304), plastic	1
TARGAHORxy*	information plate for PATROL and H-RAIL	stainless steel (AISI 304), plastic	1

**xy represents the ISO 639-1 language code, see the table below for reference.*

EXAMPLE:

TARGAEN	information plate for fall protection systems in EN (English)
TARGAHOREN	information plate for PATROL and H-RAIL in EN (English)
TARGAVERT EN	information plate for VERTIGRIP in EN (English)