

H-RAIL

RAIL SYSTEM FOR HORIZONTAL AND VERTICAL USE

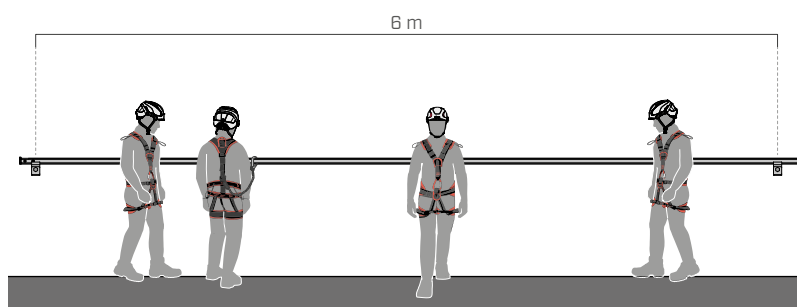
TO ALWAYS WORK ON THE RIGHT RAIL.

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!



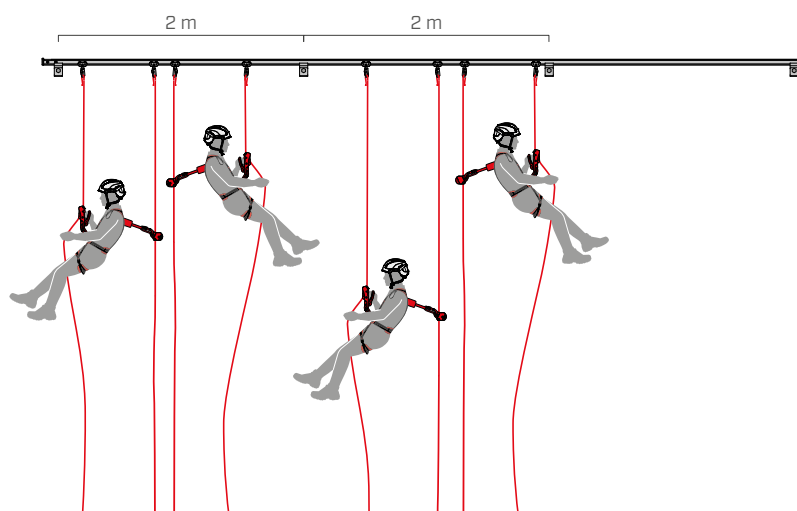
FASTENING BRACKETS SPAN

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	RAILSLIDE0H RAILSLIDE0HA4	RAILSLIDERA RAILSLIDERA4	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	



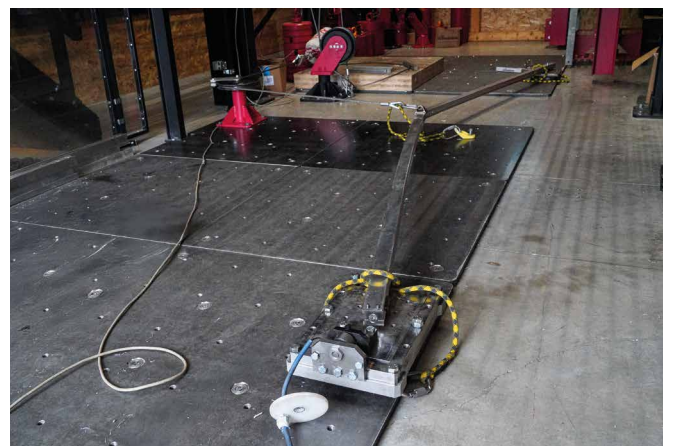
CUSTOM CURVES AND ANGLES

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.



I 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 18415:2013	UNI 11578:2015 D	AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	BS 8610:2017 01 - 02 - 03 - 05
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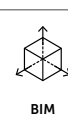
MAXIMUM NUMBER
OF USERS



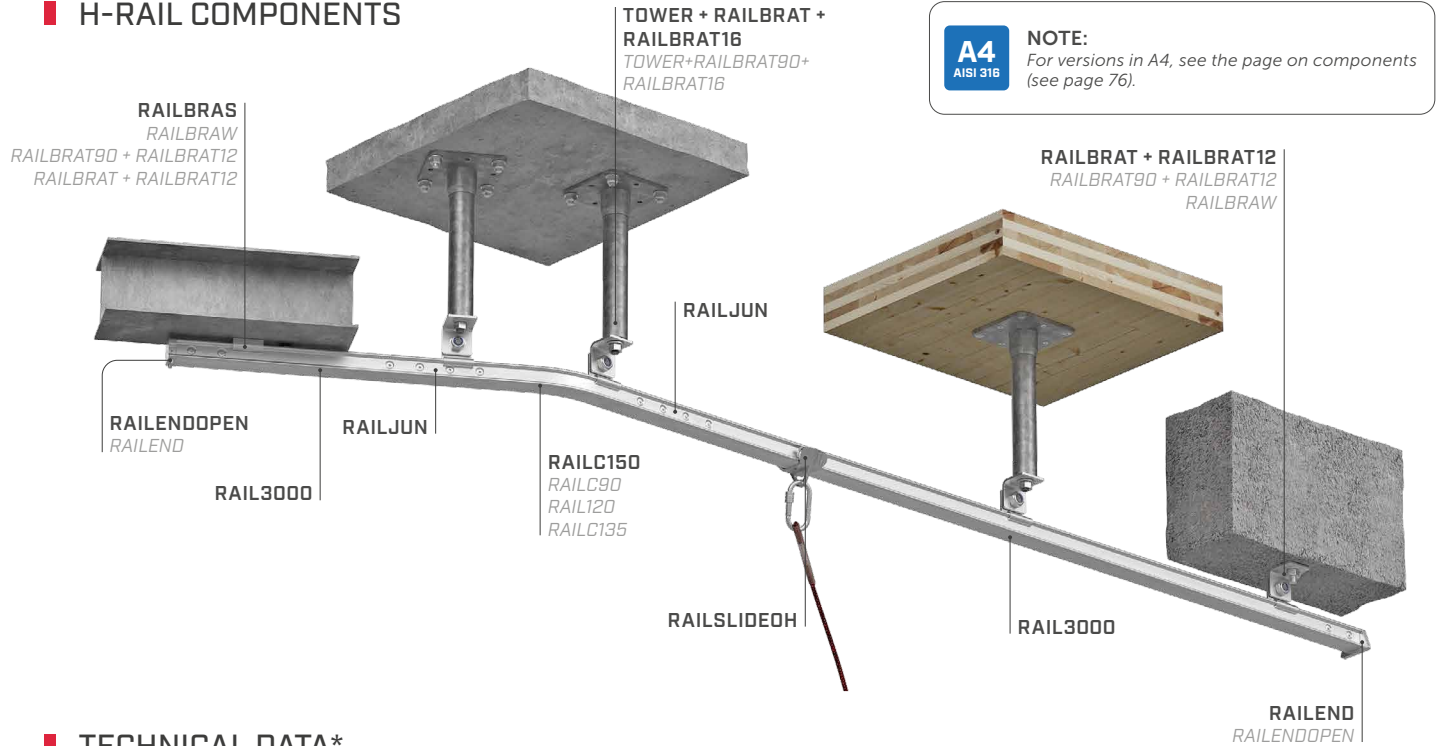
LOAD DIRECTION



TYPES OF
APPLICATION



H-RAIL COMPONENTS



TECHNICAL DATA*

substructure	minimum thickness	support	fasteners	substructure	minimum thickness	support	fasteners
GL24h	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø11	S235JR	5 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW RAILBRAS	DIN 933 M12 MUT AI 985 M12 DIN 7991 M10
CLT	160 mm	RAILBRAT + RAILBRATW RAILBRAT90 + RAILBRATW RAILBRAW	VGS (EVO) Ø13	TOWER ⁽¹⁾	5 mm	RAILBRAT + RAILBRAT16 RAILBRAT90 + RAILBRAT16	-
C20/25	140 mm	RAILBRAT + RAILBRAT12 RAILBRAT90 + RAILBRAT12 RAILBRAW	AB1 M12 INA 5.8 M12 VIN-FIX SKR Ø12				

* 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 0	CEN/TS 16415:2013	UNI 11578:2015 0	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 01 - 02 - 05
users (system)	no.		N.A.				
users (span)	no.						
maximum span	x_{max} [m]	6	6	6			

	suspension	EN 795:2012 0	CEN/TS 16415:2013	UNI 11578:2015 0	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 03 - 05
users (system)	no.		N.A.				
users (span)	no.						
maximum span	x_{max} [m]	2	2	2			

For H-RAIL OVERHEAD components, see page 76.

I 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 18415:2013	UNI 11578:2015 D	AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	BS 8610:2017 01-02-03 -05
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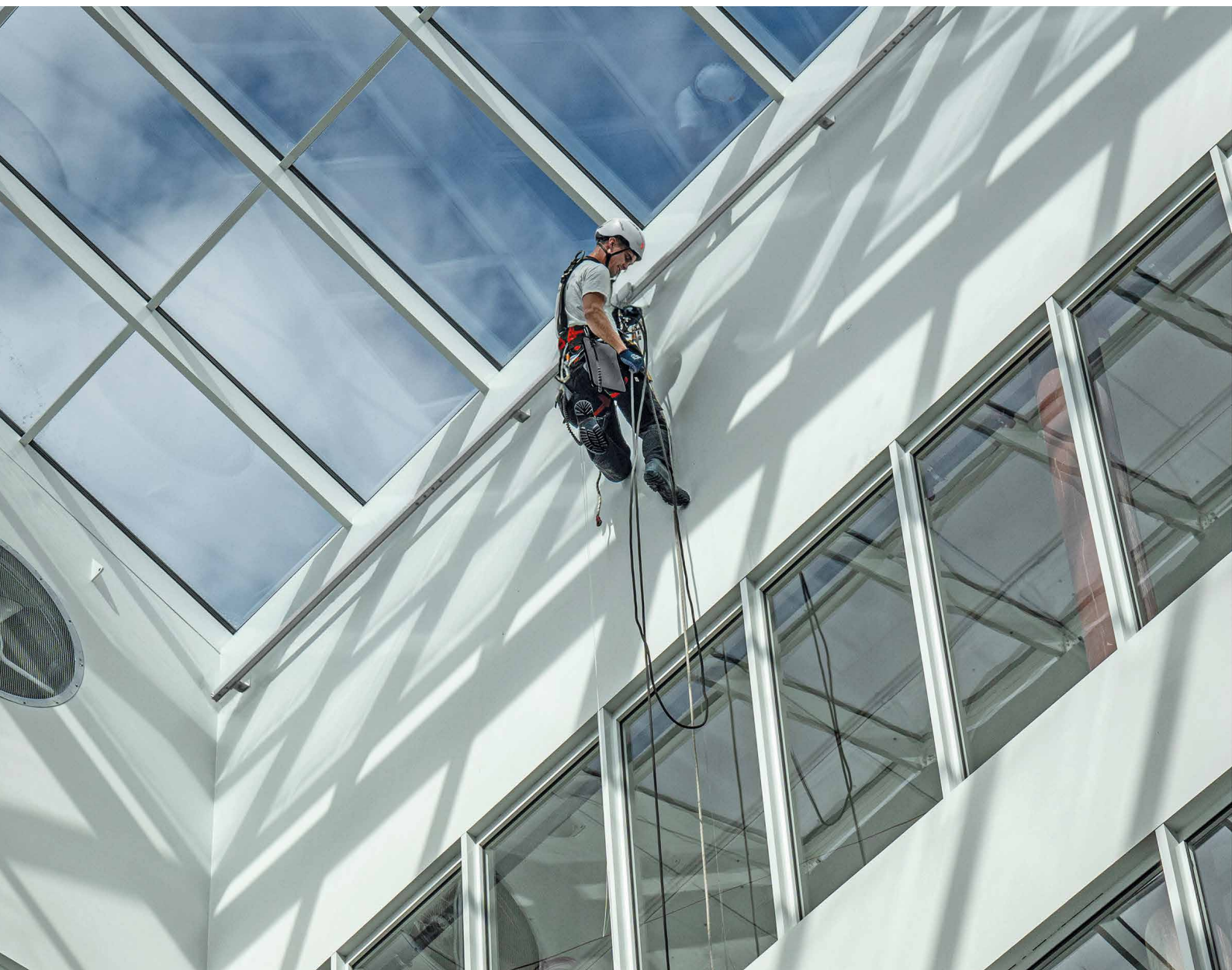
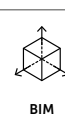
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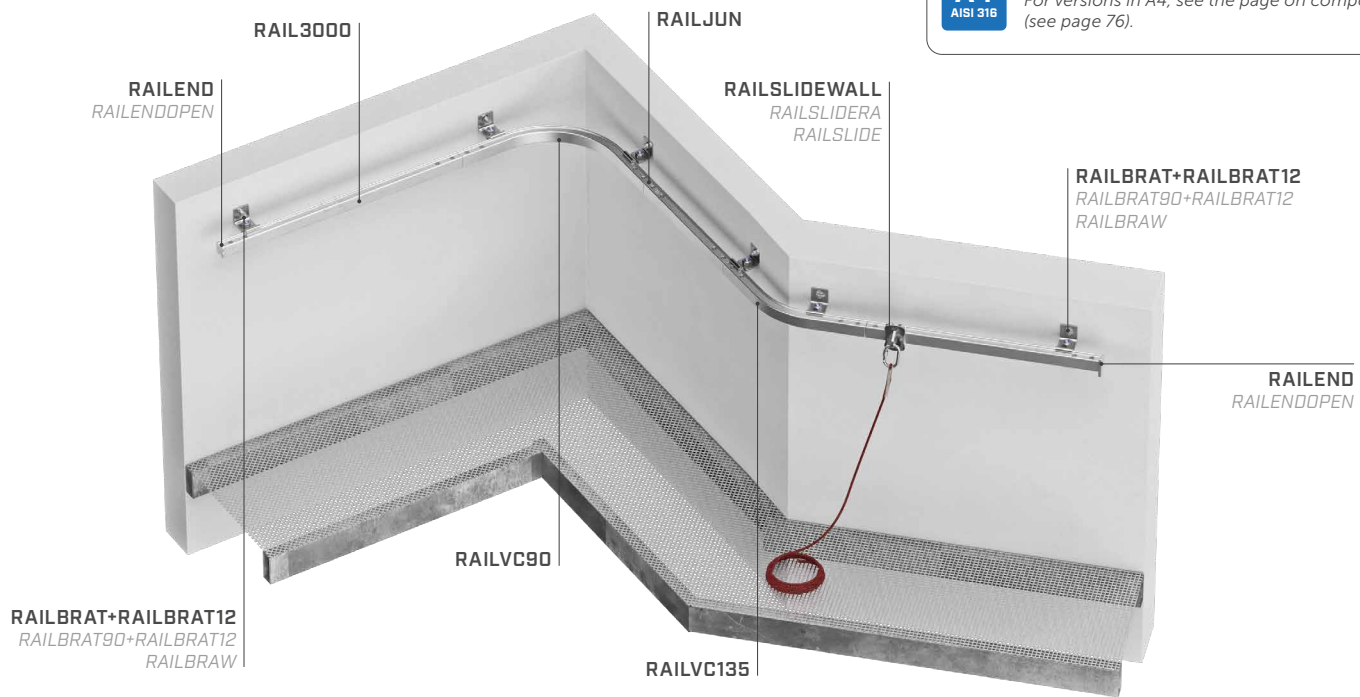
LOAD DIRECTION



TYPES OF
APPLICATION



H-RAIL COMPONENTS



A4
AISI 316

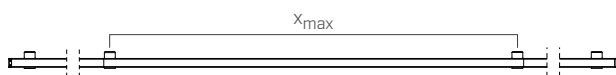
NOTE:

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.				N.A.		
users (span)	no.						
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.				N.A.		
users (span)	no.						
maximum span	$x_{\max}$ [m]	2			2		2

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

I 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.

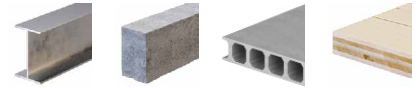
ADAPTABLE

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

EN 795:2012 D	CEN/TS 18415:2013	UNI 11578:2015 D	AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	BS 8610:2017 A3/A5/D	AS/NZS 5532:2013
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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.



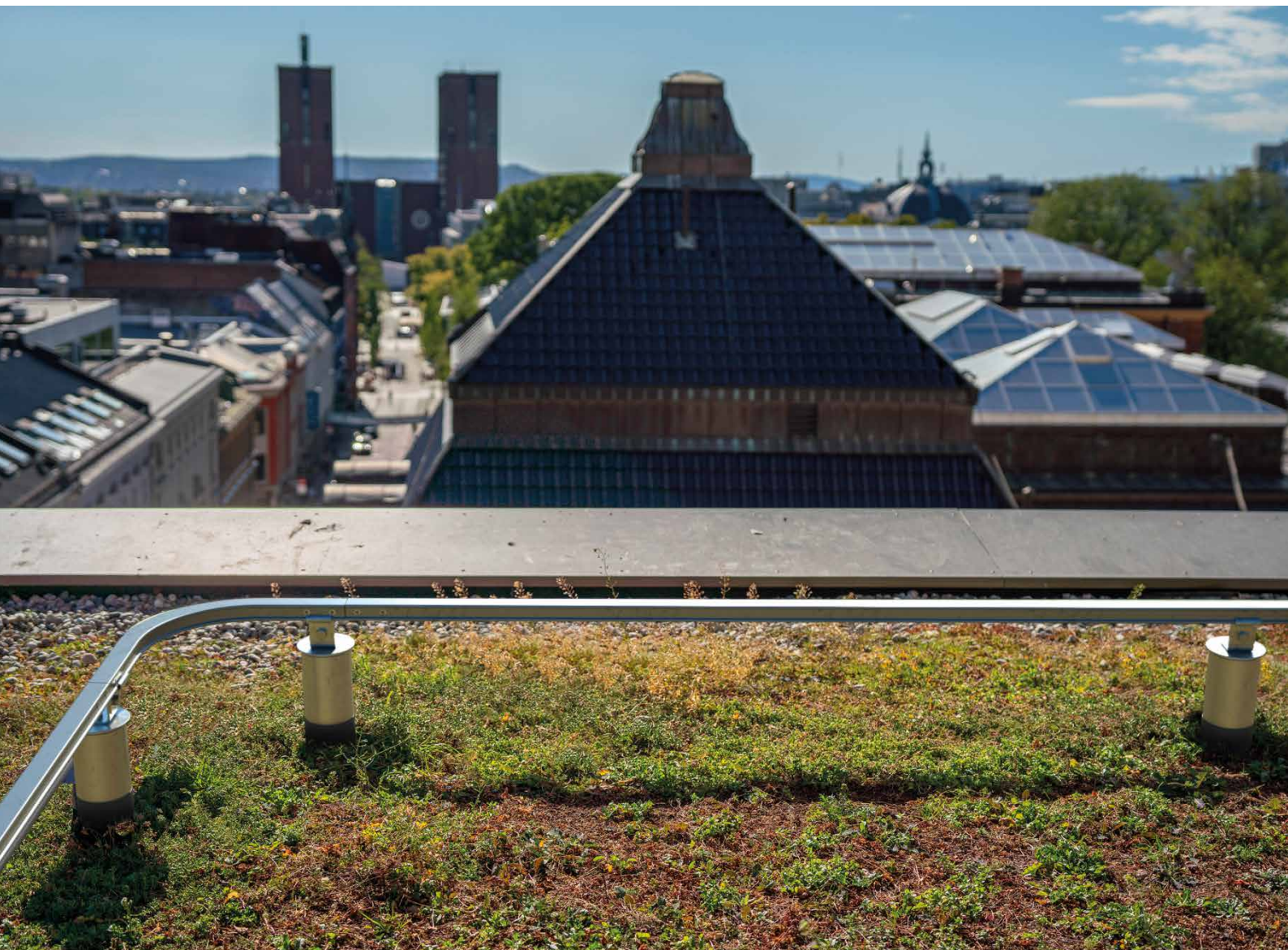
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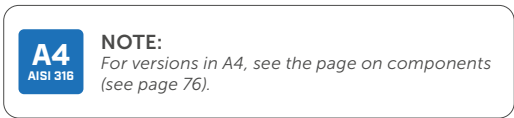


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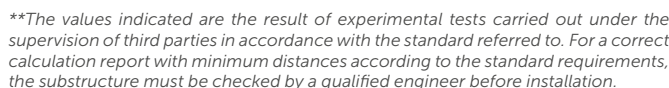
TYPES OF
APPLICATION





1

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



 fall protection restraint		EN 795:2012 D CEN/TS 18415:2013 UNI 11579:2015 D	AS/NZS 1891.2:2001 AS/NZS 1891.4:2009	BS 8810:2017 01-02-05
users (system)	no.		N.A.	
users (span)	no.			
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 8810:2017 D3-D5	AS/NZS 5532:2013	BS 8810:2017 A3/A5
users (system)	no				N.A.				
users (span)	no.						-		-
maximum span	$x_{\max}$ [m]	2			2	2	-		-

For SOLID components, see page 36.

I 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



LOAD DIRECTION



TYPES OF
APPLICATION



SOFTWARE



BIM



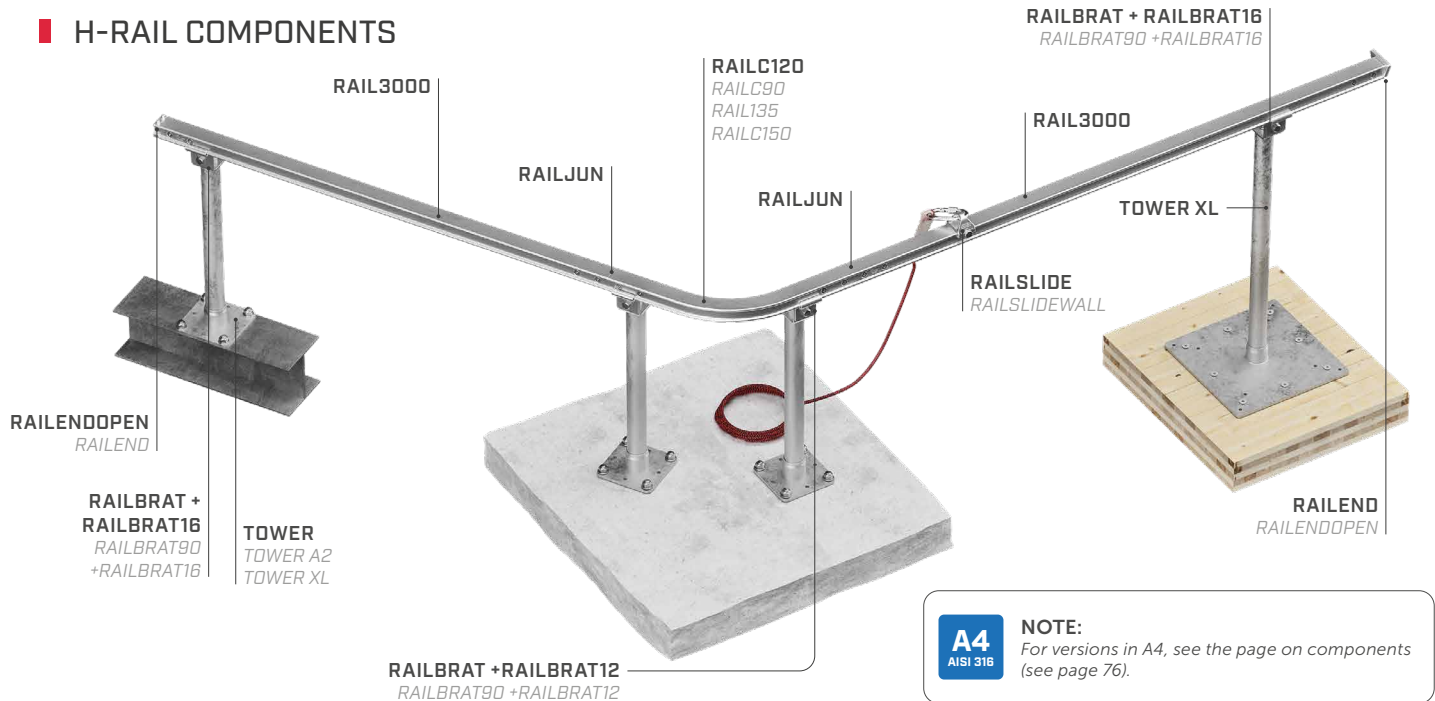
VIDEO



MANUALS



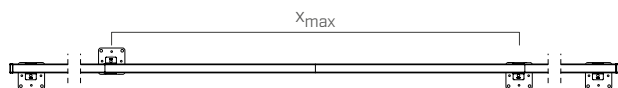
H-RAIL COMPONENTS



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

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fall protection restraint		EN 795:2012 D	CEN/TS 18415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 01 - 02 - 05
users (system)	no.	■■■■			N.A.		■■
users (span)	no.	■■■■			■■		■■
maximum span	x_{max} [m]	6			6		6

TOWER

suspension		EN 795:2012 D	CEN/TS 18415:2013	UNI 11578:2015 D	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 03 - 05
users (system)	no.	■■■■			N.A.		■■
users (span)	no.	■■			■■		■■
maximum span	x_{max} [m]	2			2		2

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

I 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 18415:2013	UNI 11578:2015 D	AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	BS 8610:2017 01-02-03 -05
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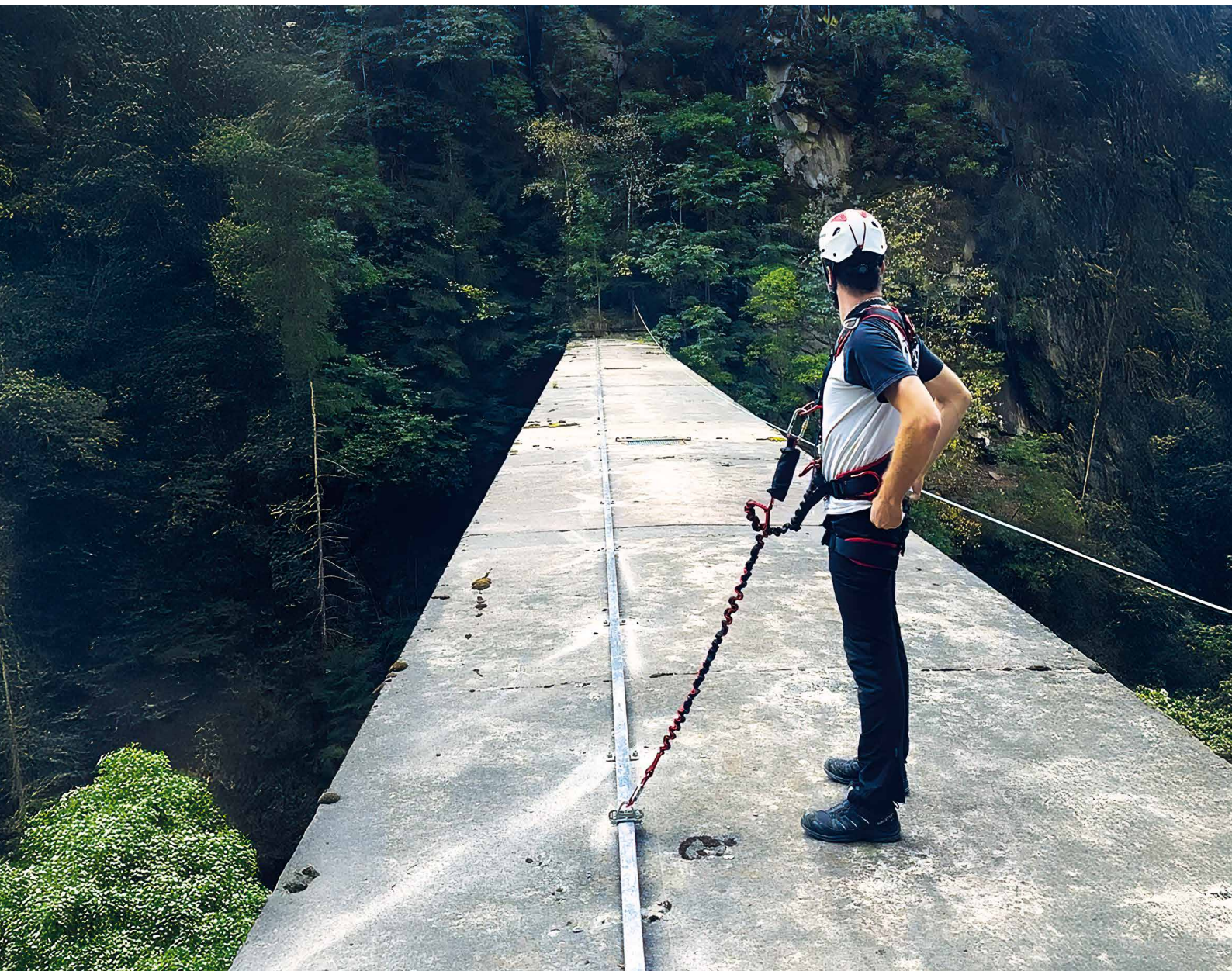
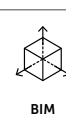
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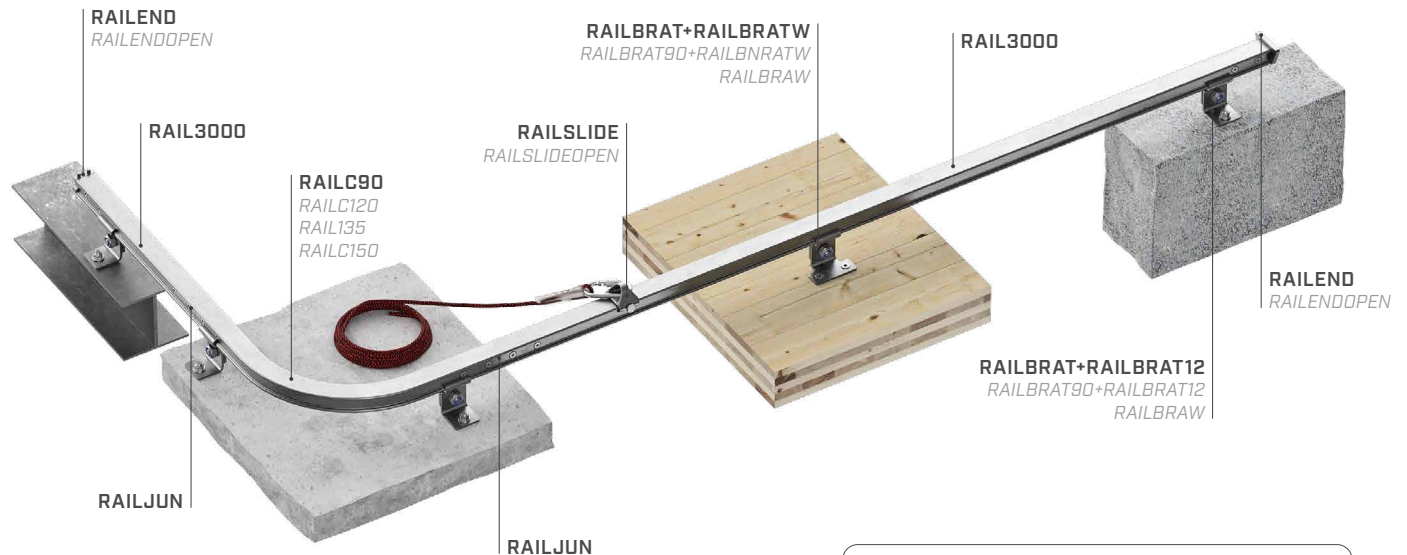
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TYPES OF
APPLICATION



H-RAIL COMPONENTS



A4
AISI 316

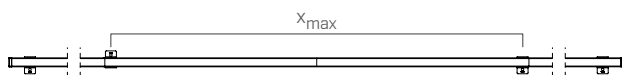
NOTE:

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



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fall protection restraint		EN 795:2012 0	CEN/TS 16415:2013	UNI 11578:2015 0	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 01 - 02 - 05
users (system)	no.				N.A.		
users (span)	no.						
maximum span	x_{max} [m]	6	6	6	6	6	6

suspension		EN 795:2012 0	CEN/TS 16415:2013	UNI 11578:2015 0	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	BS 8610:2017 03 - 05
users (system)	no.				N.A.		
users (span)	no.						
maximum span	x_{max} [m]	2	2	2	2	2	2

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

I H-RAIL VERTICAL



RAIL SYSTEM FOR VERTICAL USE ON LADDER

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.

EN 353-1:2014 + A1:2018	RFU 11.119	AS/NZS 1891.3:2020
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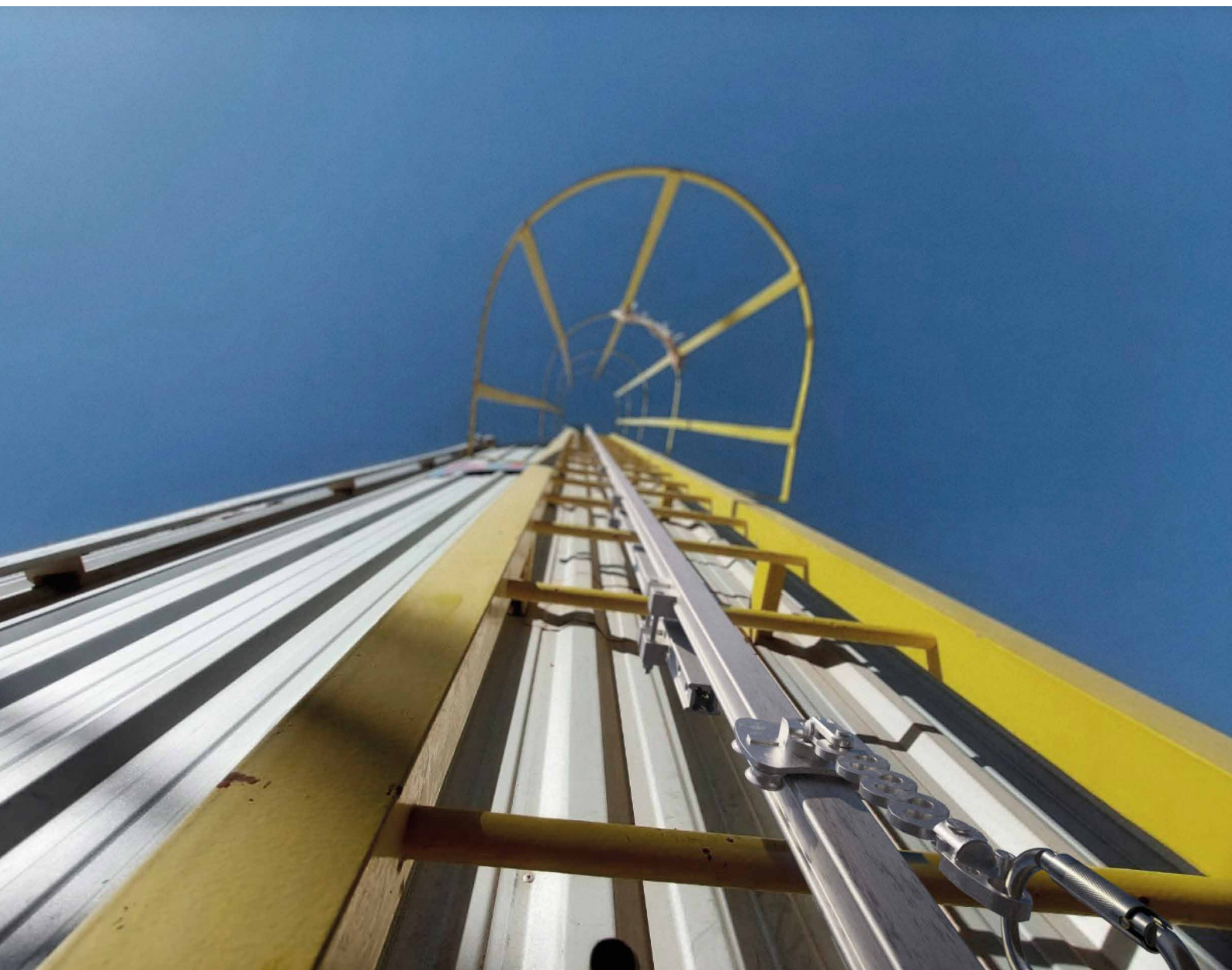
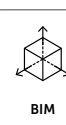
**MAXIMUM NUMBER
OF USERS**



LOAD DIRECTION



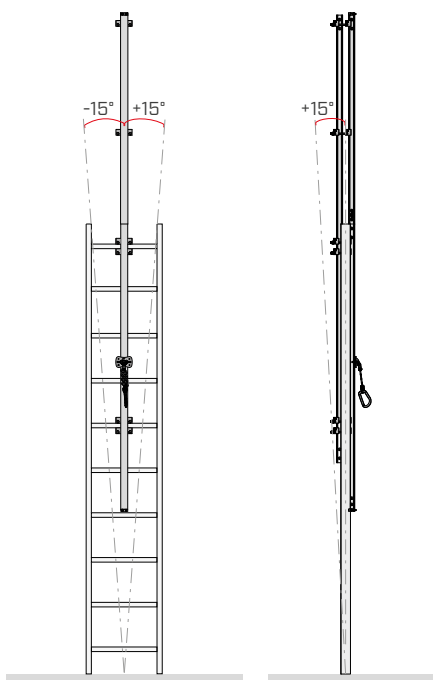
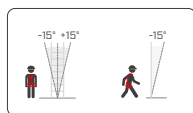
**TYPES OF
APPLICATION**



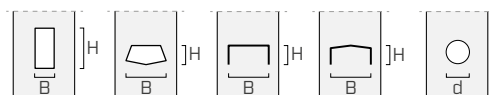
■ TECHNICAL DATA

 fall protection			
		EN 353-1:2014 + A1:2017 RRI 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

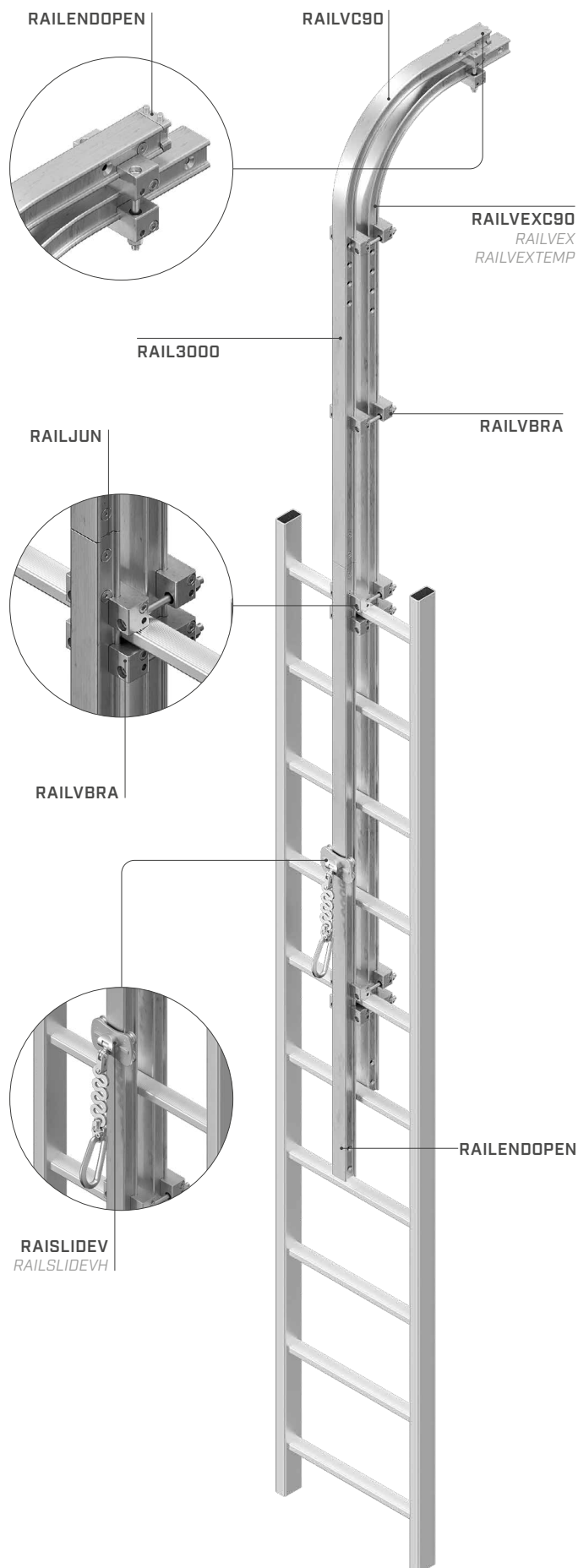


step shape



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

■ H-RAIL VERTICAL COMPONENTS

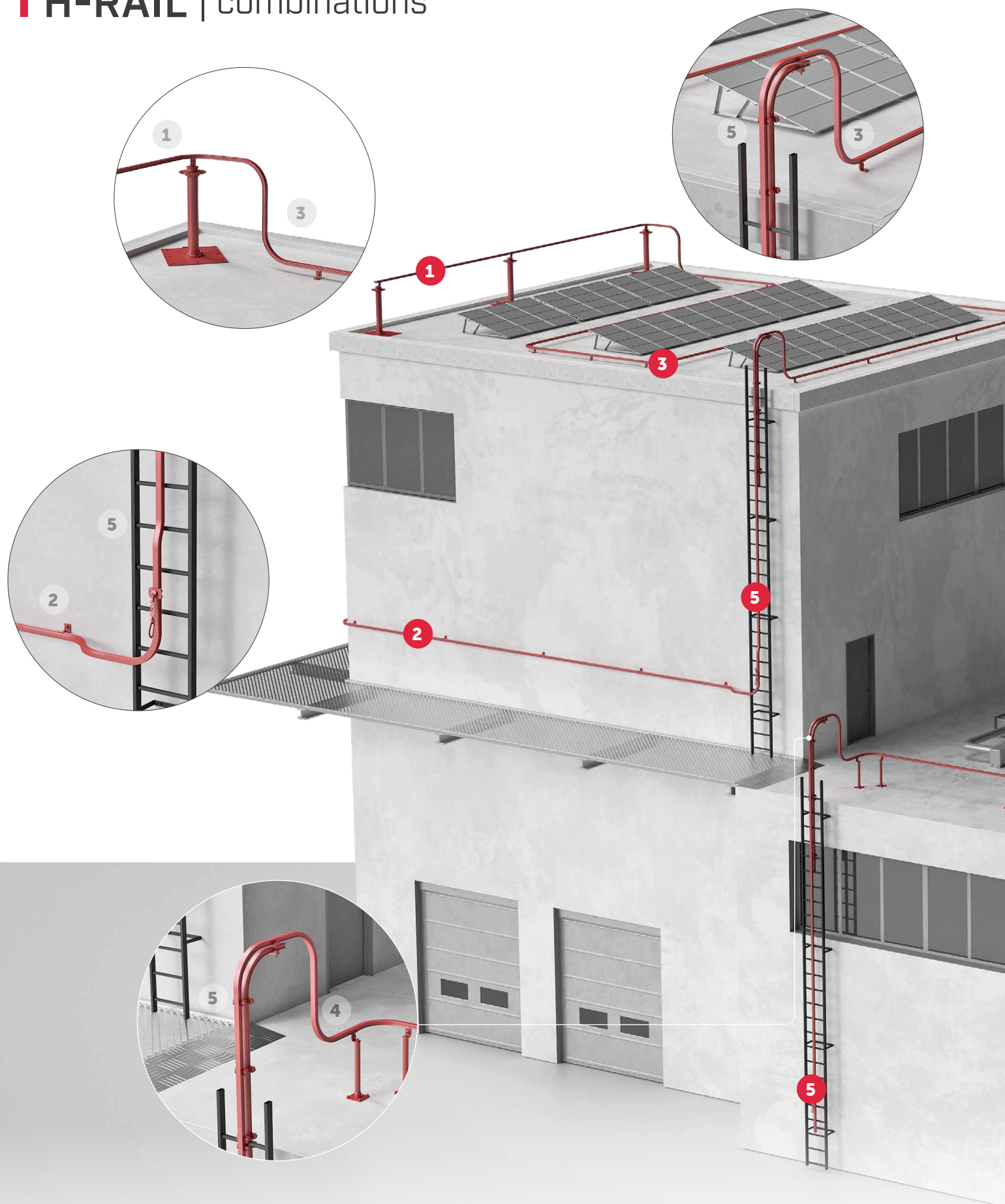


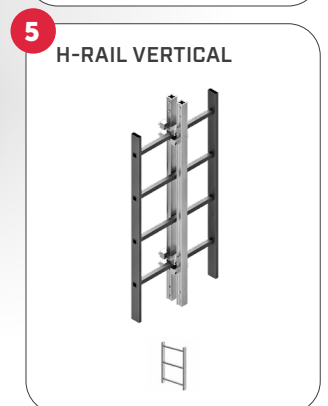
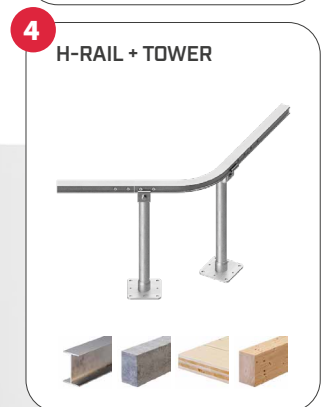
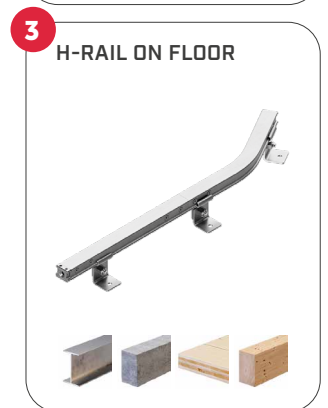
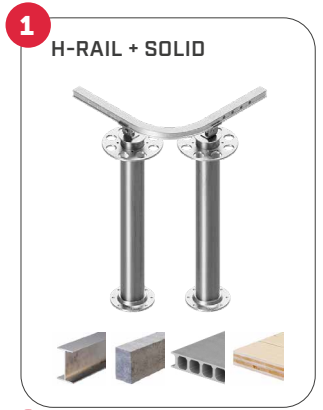
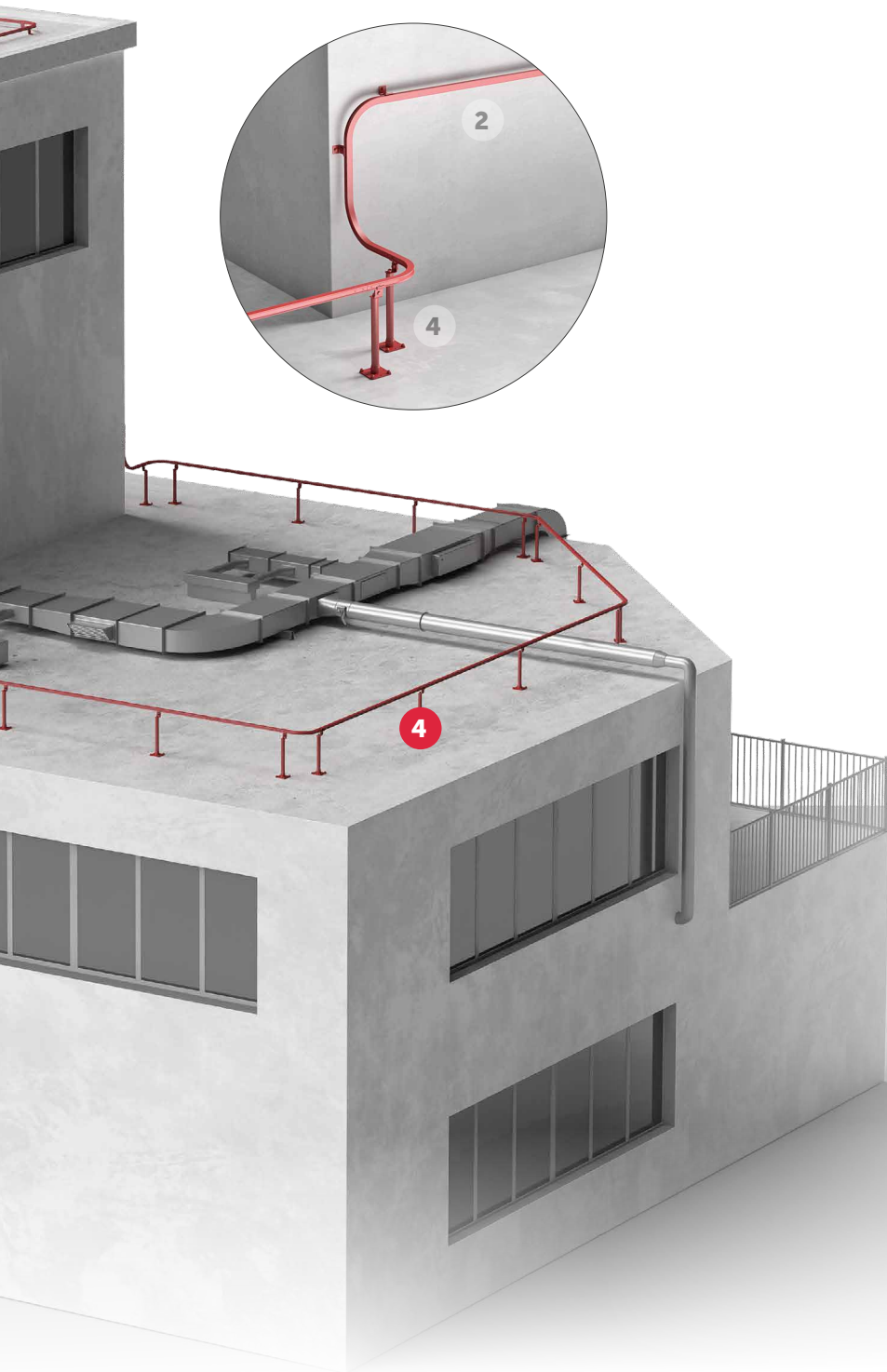
A4
 AISI 316

NOTE:

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

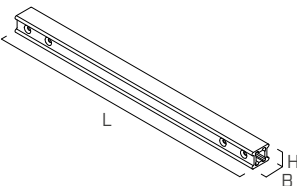
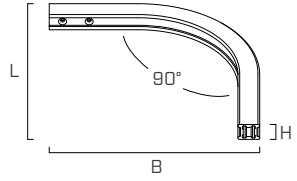
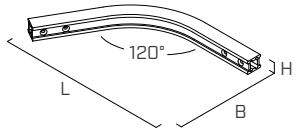
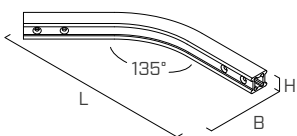
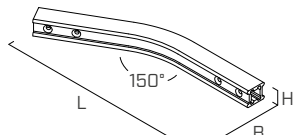
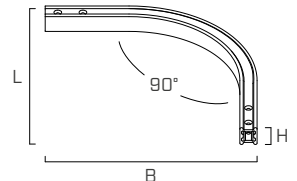
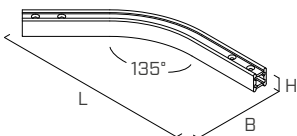
I H-RAIL | combinations



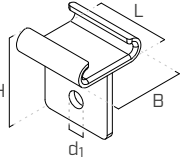
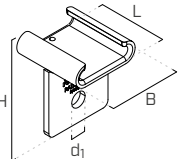
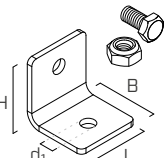
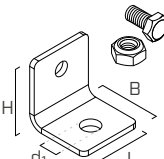
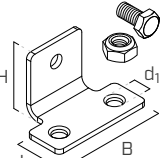
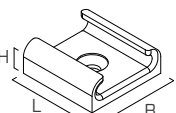
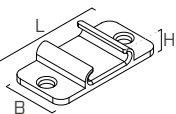
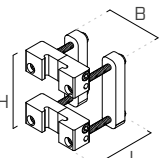


H-RAIL | components

RAILS | CODES AND DIMENSIONS

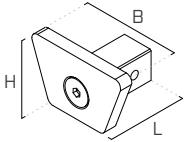
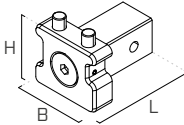
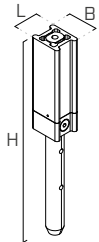
CODE	description	material	B [mm] [in]	H [mm] [in]	L [mm] [in]	pcs	
RAIL3000	3 m aluminium rail	EN AW 6063 (T6)	49 1 15/16	41 1 5/8	3000 118 1/8	1	
RAILC90	aluminium 90° bend for rail	EN AW 6063 (T6)	475 18 11/16	41 1 5/8	475 18 11/16	1	
RAILC120	aluminium 120° bend for rail	EN AW 6063 (T6)	335 13 1/4	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

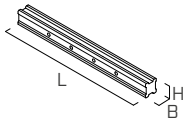
CODE	description	material	d ₁ [mm] [in]	B [mm] [in]	H [mm] [in]	L [mm] [in]	pcs	
RAILBRAT	support to be combined with RAILBRAT12 - RAILBRAT16 - RAILBRAW	AISI 304 stainless steel grade 1.4301	13,5 9/16	60 2 3/8	74 2 15/16	60 2 3/8	1	
RAILBRATA4	support in A4 to be combined with RAILBRAT12A4 - RAILBRAT16A4 - 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

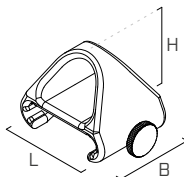
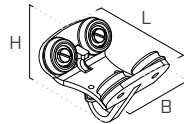
END ELEMENTS | CODES AND DIMENSIONS

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	

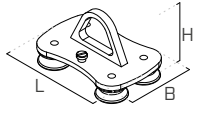
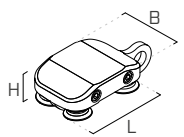
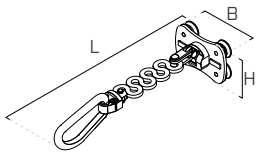
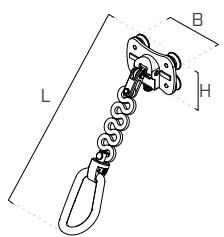
JOINTS | CODES AND DIMENSIONS

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					

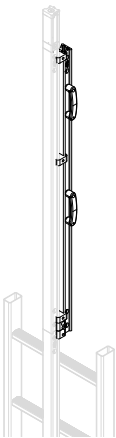
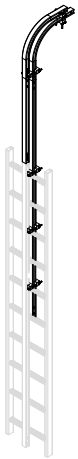
■ FASTENERS | CODES AND DIMENSIONS

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

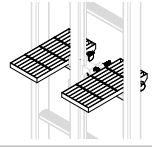
EXIT RAILS | CODES AND DIMENSIONS

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



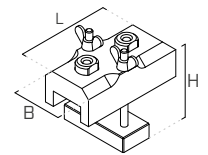
REST | CODES AND DIMENSIONS

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
TARGA _{xy} *	information plate for fall protection systems	stainless steel (AISI 304), plastic	1
TARGAHOR _{xy} *	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)