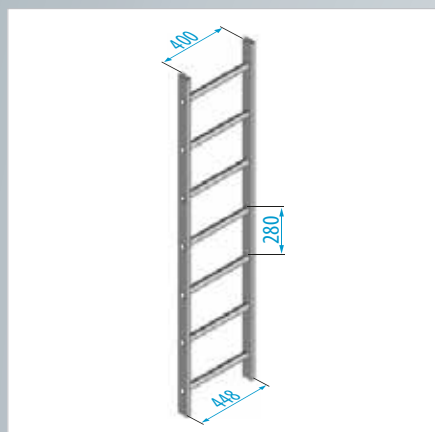


Individual elements – Ladder sections and accessories

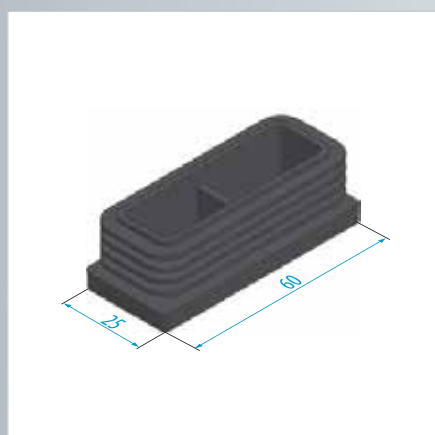


Ladder section

Number of rungs	7	10	13	18	22
Type	Alu	Alu	Alu	Alu	Alu
Length approx. mm	1,960	2,800	3,640	5,040	6,160
Order no.	0051522	0053965	0053966	0051525	0051526

- › Inner width of the ladder 400 mm.
- › Stiles made of seamless extruded profiles.
- › Stile dimensions 60×24 mm.
- › Rung dimensions 30×30 mm.
- › Rungs flanged in the stile.

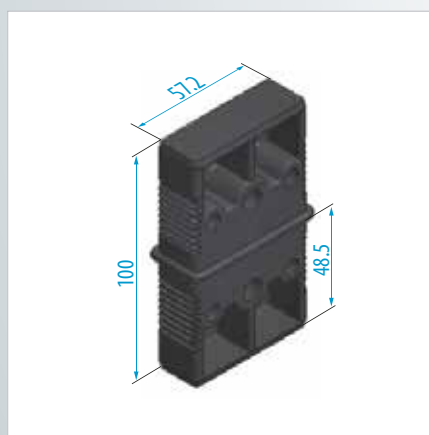
Minimum order quantity: 25 items.



Ribbed plug

Type	Plastic
Order no.	0077059

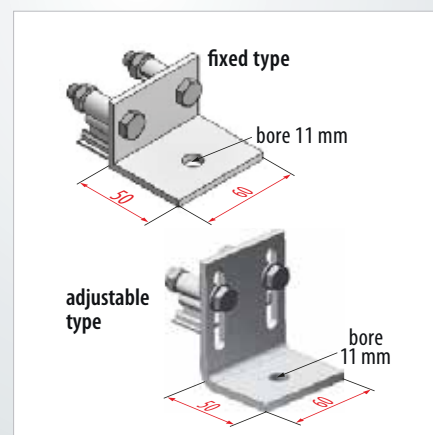
- › Plastic, black.



Ladder connectors

Type	Plastic	Plastic
Content	1 piece	Set (10 pieces)
Order no.	0077209	0054641

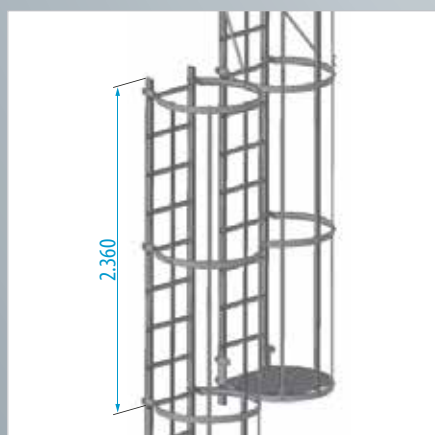
- › Glass-fibre reinforced polyamide (PA), black.



Floor bracket

Type	fixed	adjustable*
Order no.	0051566	0053451

- › Aluminium version.
- › Complete with nut and bolt for ladder assembly.
- › Without screws for ground attachment.
- › * Height compensation of 40 mm possible.

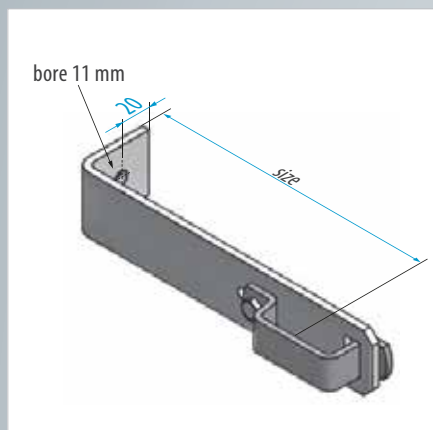


An offset comprises:

Description	Order no.	Quantity	Offset	
Safety cage clamp 3/4	0053981	2		see on page 140
Safety cage brace	002272	4	2,290 mm	see on page 141
Wall mounting	div.	4		see on page 137
Fixed platform	0051630	1		see on page 142
Ladder section	div.	1	2,520 mm	see on page 136
Diagonal brace	0053340	1		see on page 141
Safety cage clamp	0051600	1		see on page 140
Connection for double clamp	0053332	1		see on page 141

- › This list of components contains all the parts required in addition to a continuous ladder section.

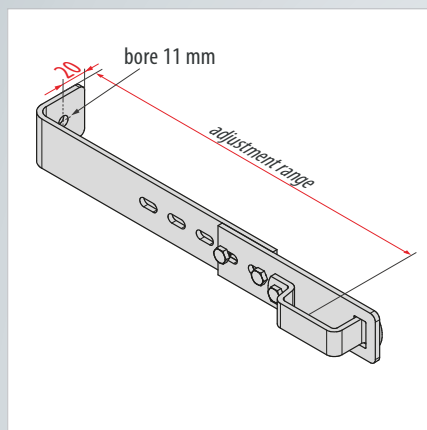
Individual elements – Wall mountings



Standard wall hook

Type		Alu	Steel
Size	approx. mm	210	210
Order no.		0050139	0051568

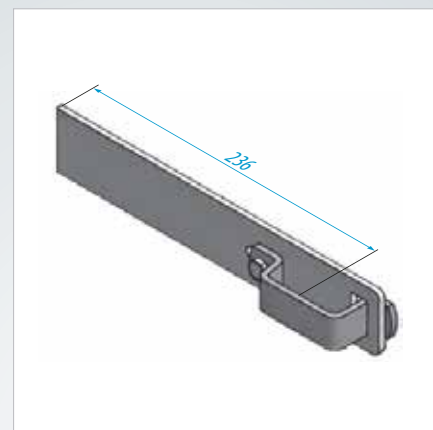
- › Fits 60×24 mm stile.
- › Without screws for wall attachment.



Adjustable wall hook

Type		Steel
Adjustment range	approx. mm	172–300
Order no.		0051572

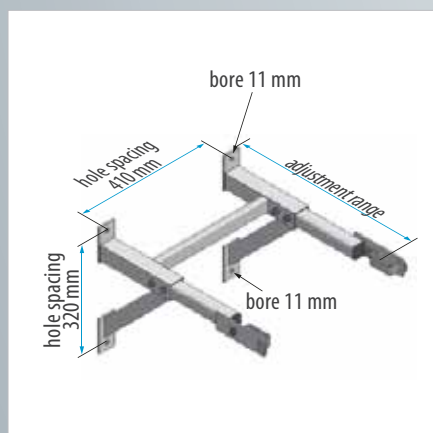
- › Only available in galvanised steel.
- › Fits 60×24 mm stile.
- › Without screws for wall attachment.



Straight wall mounting

Type		Alu	Steel
Size	approx. mm	236	236
Order no.		0050141	0051569

- › Fits 60×24 mm stile.

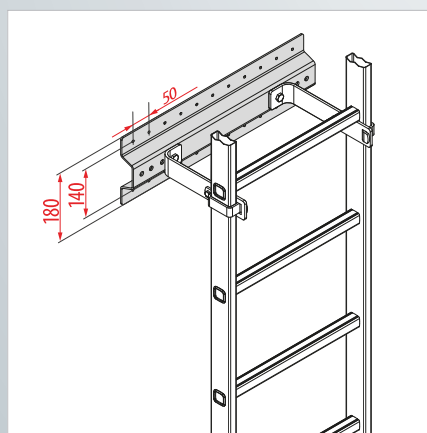


Adjustable wall bracket

Type		Alu	Alu
Adjustment range	approx. mm	300–400	350–500
Order no.		0055021	0053320

Type		Alu	Alu
Adjustment range	approx. mm	500–650	650–800
Order no.		0053321	0053322

- › Fits 60×24 mm stile.
- › Without screws for wall attachment.



Facing plate for wall hook for vertical ladders

Type	Alu
Order no.	0055096

- › For mounting wall hooks on sheet-metal façades.
- › Incl. rubber seal strip.
- › Incl. screws and nuts for mounting wall hooks at the façade panels.
- › Without screws for fixing on façades (on site).



Clamp 60

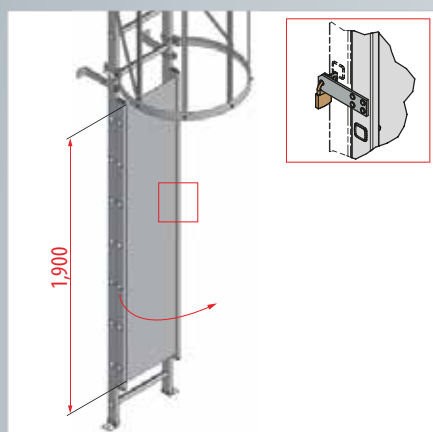
Type	Steel
Order no.	0053946

- › Complete with screw and nut.
- › Can be used for safety cage clamp and wall mounting.

Important:

The distance between the individual fastening points shall not exceed 2,000 mm.
The fastenings shall preferably be fitted beneath the rung (maximum 1,960 mm).

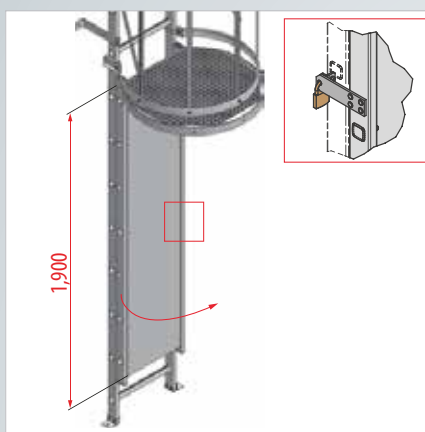
Individual elements – Accesses



Access barrier, lockable

Type	Alu
Order no.	0051637

- › Incl. padlock.
- › Floor brackets are not included in the scope of supply.
- › Not permitted for emergency ladders to DIN 14094.
- › Opening to left.



Access barrier with cover, lockable

Type	Alu
Order no.	0051764

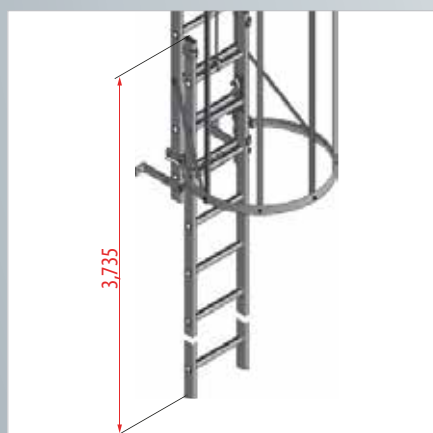
- › Incl. padlock.
- › Floor brackets are not included in the scope of supply.
- › Not permitted for emergency ladders to DIN 14094.
- › Opening to left.



Access barrier

Type	Alu
Order no.	0054770

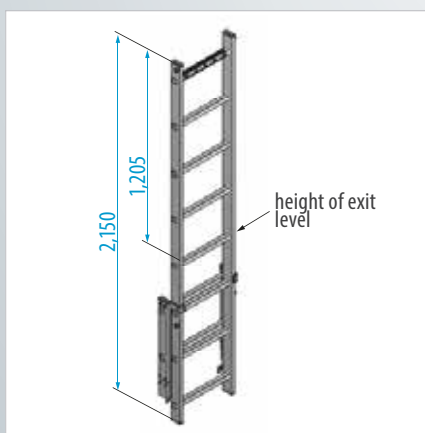
- › Swivelling ladder section with platform.
- › Incl. padlock.
- › Not permitted for emergency ladders to DIN 14094.
- › Can be mounted opening to left or right.



Retractable access for new tailored complete ladder systems

Rope operation from	top	bottom
---------------------	-----	--------

- › Overlap: +/- 900 mm.
- › Max. access height: 2,800 mm.
- › Not permitted for emergency ladders to DIN 14094 with rope-operated ladders from below.



Extendable access aid

Type	Alu
Order no.	0053345

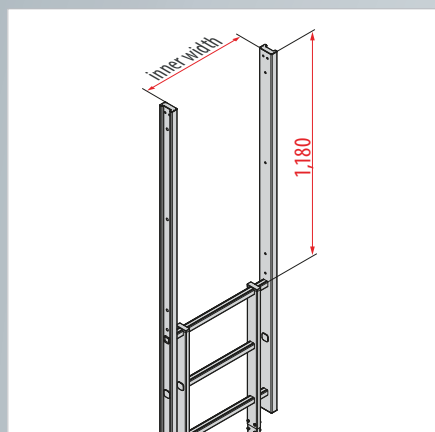
- › For use with roof hatches, skylights and pits.

Retractable access as a spare part for retrofitting with existing vertical ladder

Rope operation from	top	bottom
Order no.	0052314	0052315

- › Ladder section can be released with a rope-pull.
- › Not permitted for emergency ladders to DIN 14094 with rope-operated ladders from below.

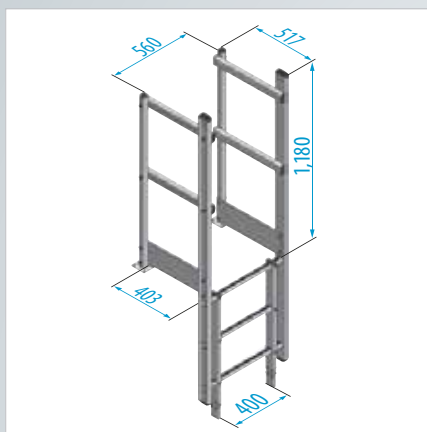
Individual elements – Exits



Wide/narrow straight exit

Type	narrow	wide
Width approx. mm	560	700
Order no.	0053291	0053292

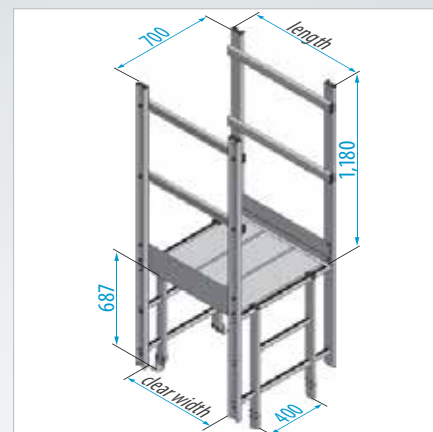
- › DIN 18799-1 Physical structures: order additional exit step (order no. 0054038 or 0054039).
- › DIN 14094 Escape ladders.



Narrow exit with handrail

Type	Alu
Order no.	0054054

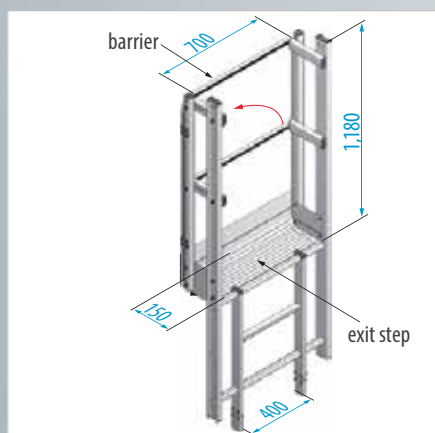
- › DIN 18799-1 Physical structures: order additional exit step (order no. 0054038).
- › DIN 14094 Escape ladders.



Wide exit with crossover

Type	Alu	Alu	Alu
Length approx. mm	725	950	1,175
Clear width approx. mm	651	876	1,101
Order no.	0054056	0054057	0054058

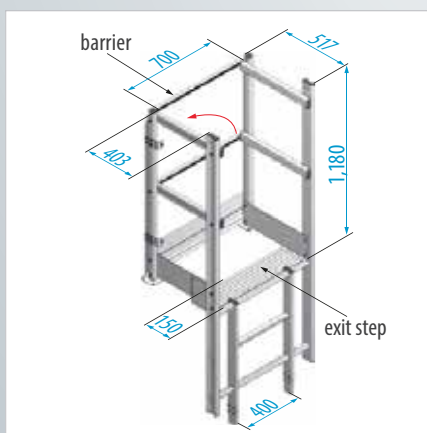
- › DIN 18799-1 Physical structures.
- › DIN 14094 Escape ladders.
- › Platform tread made of grooved aluminium, closed.
- › Guardrails on both sides with hand rail, knee rail and toeboard.



Wide exit with step

Type	Alu
Order no.	0053298

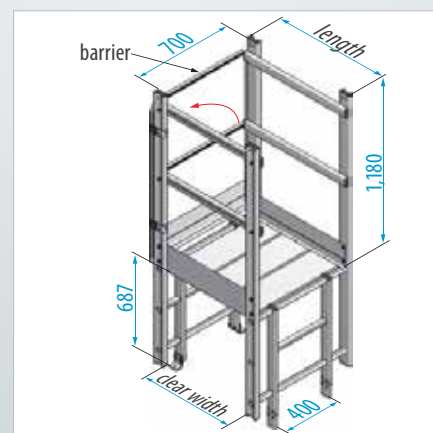
- › EN ISO 14122-4 Access to plant and equipment.
- › DIN 18799-1 Physical structures.
- › DIN 14094 Escape ladders.
- › Exit step 150 mm.
- › Self-closing barrier with hand rail, knee and toeboard.
- › Opening to left.



Wide exit with handrail

Type	Alu
Order no.	0054055

- › EN ISO 14122-4 Access to plant and equipment.
- › DIN 18799-1 Physical structures.
- › DIN 14094 Escape ladders.
- › Exit step 150 mm.
- › Guardrail on both sides and self-closing barrier with hand rail, knee rail and toeboard.
- › Opening to left.

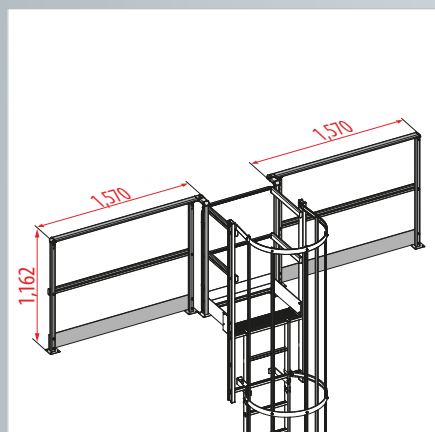


Wide exit with crossover and barrier

Type	Alu	Alu	Alu
Length approx. mm	725	950	1,175
Clear width approx. mm	651	876	1,101
Order no.	0054059	0054060	0054061

- › EN ISO 14122-4 Access to plant and equipment.
- › DIN 18799-1 Physical structures.
- › DIN 14094 Escape ladders.
- › Platform tread made of grooved aluminium, closed.
- › Guardrail on both sides and self-closing barrier with hand rail, knee rail and toeboard.
- › Opening to left.

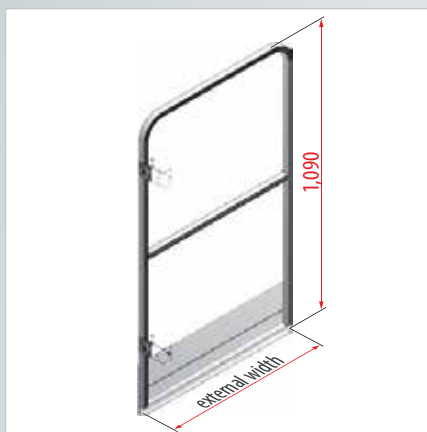
Individual elements – Accessories for exits



Guardrail for exit

Type	Alu	Alu
Side	left	right
Order no.	0053335	0053336

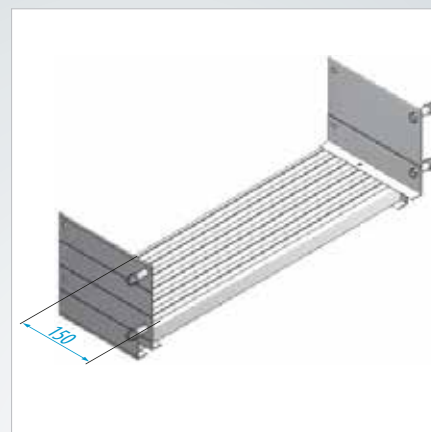
- › According to DIN EN 14122-4 (accesses to machinery), the exit point must comply with the highest security standard. The exit stile must be connected to a guardrail which is 1,500 mm long on both sides of the exit surface.



Barrier (for screwing on)

Type	narrow	wide
External width approx. mm	632	772
Order no.	0054032	0054033

- › Automatically closing.
- › Can be mounted open to the left or right.
- › With magnetic catch.



Exit step

Type	narrow	wide
Width approx. mm	560	700
Order no.	0054038	0054039

- › Incl. fastening material.

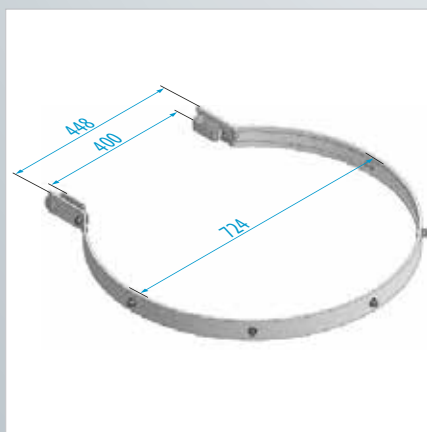
Individual elements – Safety cage



Safety cage clamp 3/4

Type	Alu
Order no.	0053981

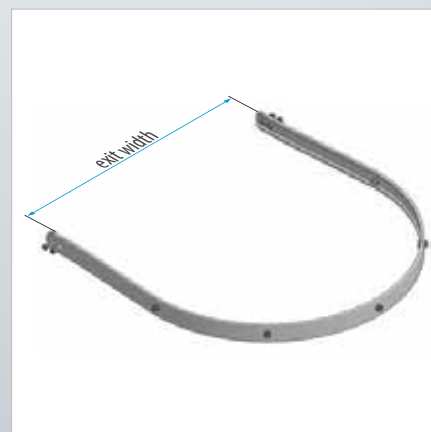
- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.



Safety cage clamp

Type	Alu
Order no.	0051600

- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.



Safety cage clamp for exit

Type	Alu	Alu
For exit	narrow	wide
Exit width approx. mm	560	700
Order no.	0054051	0054050

- › Clamps distinguished by exit width.
- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.

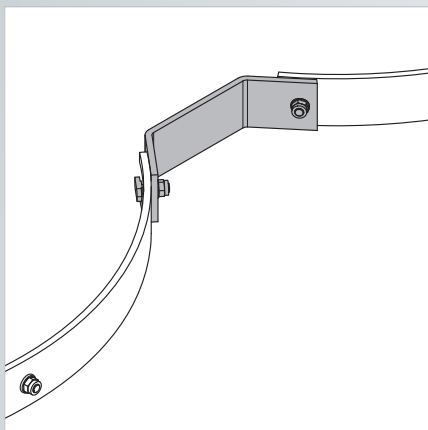
Individual elements – Safety cage



Diagonal brace

Type	Alu
Order no.	0053340

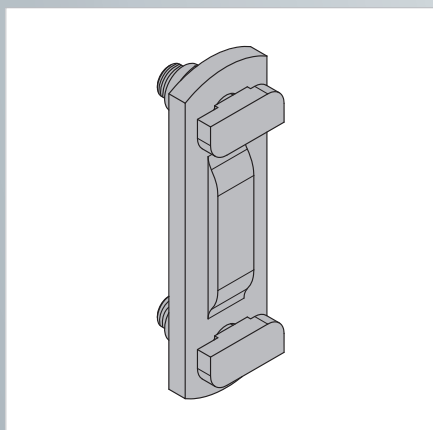
- › Incl. fastening material.
- › Required once per ladder section for safety cage.



Connection for double clamp

Type	Alu
Order no.	0053332

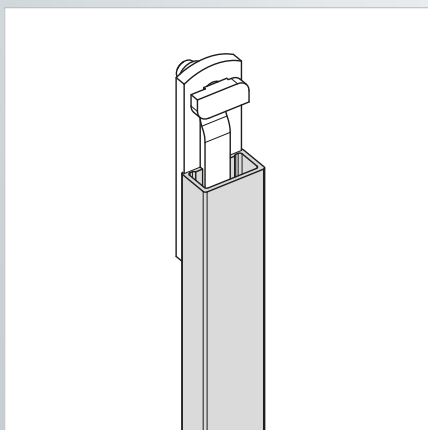
- › To connect two safety cage clamps 3/4.



Connector for safety cage braces

Type	Alu
Order no.	0050255

- › Incl. fastening material.



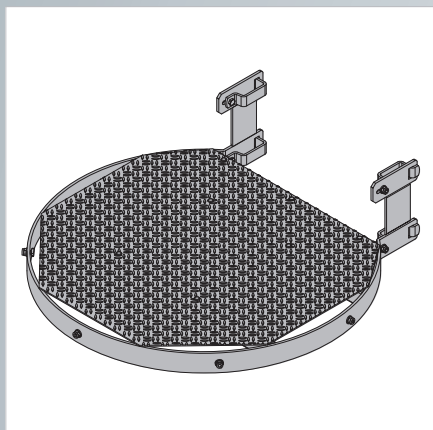
Safety cage brace

Type	Alu
Length	approx. mm 3,190
Order no.	002272

- › Installation tip:
Fit braces on the inner side of the clamps,
nuts on the outer side of the clamps.

Overall length of safety cage = access height - height from ground to start of safety cage + length of exit (always 1,180 mm)

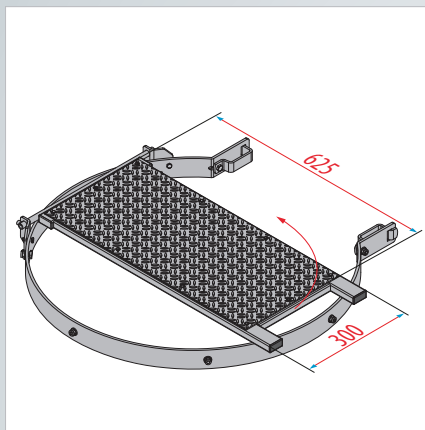
Individual elements – Platforms



Fixed platform

Type	Alu
Order no.	0051630

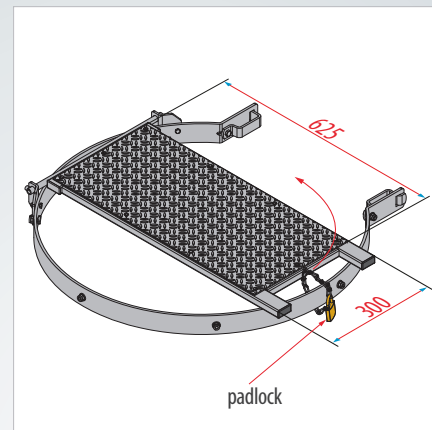
- › Aluminium chequer plate tread.
- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.



Folding intermediate platform

Type	Alu
Order no.	0051635

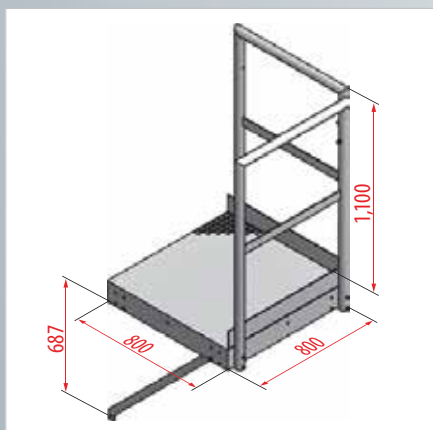
- › For use as resting or standing platform etc. if no offset is possible for construction reasons.



Folding intermediate platform, lockable

Type	Alu
Order no.	0051762

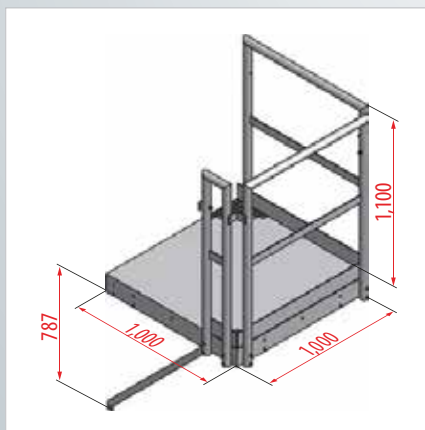
- › Incl. padlock.



Platform, small

Type	Steel
Order no.	0054040

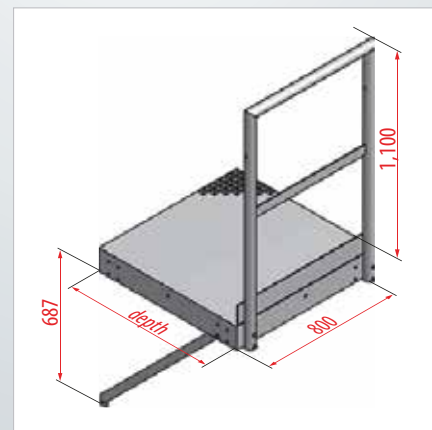
- › Galvanised steel grating platform.
- › Galvanised steel guardrail.
- › Width 800 mm, depth 800 mm.
- › Without fastening material.



Platform, large

Type	Steel
Order no.	0054041

- › Galvanised steel grating platform.
- › Galvanised steel guardrail.
- › Width 1,000 mm, depth 1,000 mm.
- › Without fastening material.



Extension platform, small/large

Type	Steel	Steel
Depth approx. mm	800	1,000
Order no.	0054042	0054043

- › Galvanised steel grating platform.
- › Galvanised steel guardrail.
- › Width 800 mm, depth 800 mm or 1,000 mm.
- › Without fastening material.