

Customised solutions with system

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Customised solutions with system

Since more than 120 years KRAUSE has been specialised on ascending systems and offers solutions for a safe and comfortable access to special working areas and work purposes. This competence is reflected in our successful range of standard products and is furthermore the base for the special solution program.

KRAUSE special solutions

For all responsible persons who are in need of a customised ascending device and who are at the same not prepared to compromise regarding safety and cost efficiency.

KRAUSE – simply more... safety!

All customised solutions are produced according to the valid standards and accident prevention regulations. All constructions can be certified on request.

KRAUSE – simply more... cost effectiveness!

Preferable and in accordance with your requirements customised solutions are developed and set up by using our standard components based on our modular construction system. This not only ensures cost effectiveness but also offers the possibility to extend tailor-made products and allows to exchange single components easily.

KRAUSE – simply more... efficiency!

We offer a complete and competent one-stop solution for your access problem. Delivered on-time and sustainable.

Inform us about your requirements – we will work out a range of possible solutions and would be pleased to review those together with you.

The KRAUSE project team is specialised in developing ascendancy and safeguard equipment for a wide range of requirements.

- + Stairs / Stationary platform stairs
- + Mobile platform stairs
- + Stationary working platforms
- + Mobile working platforms
- + Crossovers, stationary and mobile
- + Customised scaffolds, stationary and mobile
- + Customised ladders and steps
- + Height adjustments
- + Platforms with contour adapting

From the on-site analysis to the perfect solution

At the beginning of each project an on-site examination of the circumstances is performed. KRAUSE's technicians gain an overview of the situation together with the customer. The face to face meetings are the key to our success in developing a safe, cost-effective and efficient solution that meets all of your requirements. Hence the on-site analysis is so important to KRAUSE!

This analysis is the base to develop a workable concept which will be refined in the dialogue with the user to a tailor-made construction which then will be produced on our modern production facilities at our production sites. To finish up the project we deliver and if required install the device on-site and perform the acceptance.



Stairs / Stationary platform stairs



Mobile platform stairs



Stationary working platforms



Mobile working platforms

KRAUSE consulting competence:

Analysis

- + Analysing requirements on-site
- + Forming a project team
- + Collecting of basic data

Conception

- + Coordination meeting
- + Detailed conception
- + Time schedule
- + Preparation of an offer

Implementation

- + Construction and production
- + Delivery
- + On-site assembly
- + After-sales service (Handover of instruction manual)

SafetyServices

- + Training to qualified person
- + Product inspections
- + User and product training
- + Spare parts service



We are looking forward to hearing from you – arrange a business meeting with us immediately.

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Crossovers, stationary and mobile



Customised scaffolds, stationary and mobile



Customised ladders



Customised steps



Stairs / Stationary platform stairs

- + **Aluminium stairs** for individual solutions based on DIN EN ISO 14122 and EN 131-7
- + Available with or without platform
- + Standard steps
 - Material: Aluminium corrugated
 - Step width: 600 – 800 – 1,000 mm (special widths on request)
 - Step depth: 225 mm for an inclination of 45° and 175 mm for one with 60°
- + Standard platform material: Aluminium corrugated
- + Railings on stairs with a work inclination of 45° are equipped with a knee rail
- + Stairs with other work inclinations or step widths are available on request
- + Including floor fastening bar for assembly
- + Also available with height adjustment



Recommendation according to EN ISO 14122:
For safety reasons stairs with an inclination of 45° should be preferred. Stairs with an inclination of 60° should only be used if on-site circumstances do not permit otherwise.

Optional Tilbehør:

- + Removable tool tray
- + Swing door
- + Protecting sheet underneath steps
- + Safety chain
- + Safety barrier
- + Step edge marking

Optional executions:

- + Handrail
 - Anti-slip
 - Powder-coated
- + Plug-in railing
- + Step/platform material
 - Steel grated
 - Aluminium grated
 - Steel perforated
 - Aluminium perforated

Examples for customised solutions:



Mobile platform stairs

- + **Mobile aluminium platform stairs** for individual solutions based on DIN EN ISO 14122 and EN 131-7
- + Application: e.g. to be used as mobile working or access platform
- + Standard steps
 - Material: Aluminium corrugated
 - Step width: 600 – 800 – 1,000 mm (special widths on request)
 - Step depth: 225 mm for an inclination of 45° and 175 mm for one with 60°
- + Standard platform material: Aluminium corrugated
- + Standard platform depth: 700 mm, can be extended in length and width if requested
- + Railings on mobile platform stairs with a work inclination of 45° are equipped with a knee rail
- + Equipped with 4 guiding castors Ø 160 mm with brakes
- + Different castor executions are available

i Due to safety reasons we commend a central brake for the castors.



Optional Tilbehør:

- + Removable tool tray
- + Impact protection
- + First and last step with colour coating
- + Swing door
- + Protecting sheet underneath steps
- + Safety barrier
- + Safety chain
- + Step edge marking
- + Flushing railing
- + Central brake
- + ComfortStop

Optional executions:

- + Handrail
 - Anti-slip
 - Powder-coated
- + Customer-specific stabiliser solutions
- + Plug-in railing
- + Step/platform material
 - Steel grated
 - Aluminium grated
 - Steel perforated
 - Aluminium perforated

Examples for customised solutions





Stationary working platforms

- + **Stationary aluminium working platforms** for individual solutions based on DIN EN ISO 14122 and EN 131-7
- + Application: e.g. to be used as maintenance or assembly platform
- + Standard steps
 - Material: Aluminium corrugated
 - Step width: 600 – 800 – 1,000 mm (special widths on request)
 - Step depth: 225 mm for an inclination of 45° and 175 mm for one with 60°
- + Standard platform material: Aluminium corrugated
- + Access over vertical fixed ladder possible
- + Including floor fastening bar for assembly
- + Access to different platform levels possible

Optional Tilbehør:

- + Removable tool tray
- + Swing door
- + Protecting sheet underneath steps
- + Safety barrier
- + Safety chain
- + Step edge marking
- + Flushing railing
- + Fixed ladder access
- + Contour adapting

Optional executions:

- + Handrail
 - Anti-slip
 - Powder-coated
- + Plug-in railing
- + Step/platform material
 - Steel grated
 - Aluminium grated
 - Steel perforated
 - Aluminium perforated

Examples for customised solutions:



Mobile working platforms

- + **Mobile aluminium working platforms** for individual solutions based on DIN EN ISO 14122 and EN 131-7
- + Application: e.g. to be used as maintenance or assembly platform
- + Standard steps
 - Material: Aluminium corrugated
 - Step width: 600 – 800 – 1,000 mm (special widths on request)
 - Step depth: 225 mm for an inclination of 45° and 175 mm for one with 60°
- + Standard platform material: Aluminium corrugated
- + Equipped with 4 guiding castors Ø 160 mm with brakes
- + Also available with height adjustment

Optional Tilbehør:

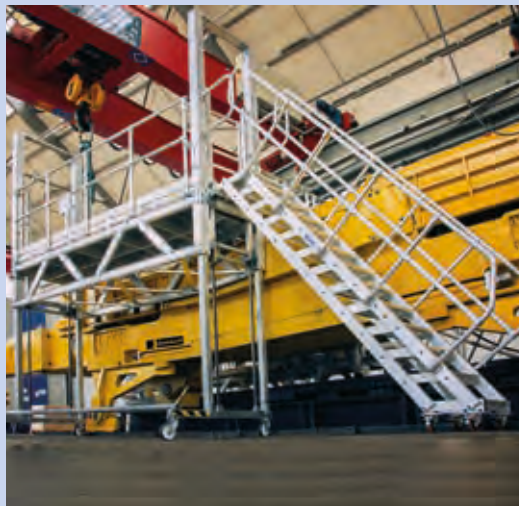
- + Removable tool tray
- + Impact protection
- + Swing door
- + Protecting sheet underneath steps
- + Safety barrier
- + Safety chain
- + Step edge marking
- + Different castor executions available
- + Central brake

Optional executions:

- + Handrail
 - Anti-slip
 - Powder-coated
- + Customer-specific stabiliser solutions
- + Plug-in railing
- + Step/platform material
 - Steel grated
 - Aluminium grated
 - Steel perforated
 - Aluminium perforated



Examples for customised solutions:





Crossovers, stationary and mobile

- + **Aluminium crossovers** for individual solutions based on DIN EN ISO 14122 and EN 131-7
- + Application: e.g. to be used as mobile or stationary working area or as a crossover to pass an obstacle for example a conveyor belt
- + Standard steps
 - Material: Aluminium corrugated
 - Step width: 600 – 800 – 1,000 mm (special widths on request)
 - Step depth: 225 mm for an inclination of 45° and 175 mm for one with 60°
- + Standard platform material: Aluminium corrugated
- + Standard platform depth: 700 mm, can be extended in length and width if requested
- + Railings on mobile platform stairs with a work inclination of 45° are equipped with a knee rail
- + Equipped with 4 guiding castors Ø 160 mm with brakes
- + Number of accesses and exits according to requirements

Optional Tilbehør:

- + Removable tool tray
- + Impact protection
- + Swing door
- + Protecting sheet underneath steps
- + Safety barrier
- + Safety chain
- + Step edge marking
- + Different castor executions available
- + Central brake

Optional executions::

- + Handrail
 - Anti-slip
 - Powder-coated
- + Customer-specific stabiliser solutions
- + Plug-in railing
- + Step/platform material
 - Steel grated
 - Aluminium grated
 - Steel perforated
 - Aluminium perforated

Examples for customised solutions:



Customised scaffolds, stationary and mobile

- + Customised aluminium scaffolds (mobile or stationary)
- + Application: e.g. maintenance and assembly works
- + Due to the usage of many parts from our serial production the scaffold matches nearly all thinkable situations
- + The scaffold can be assembled safely and rapidly based on the patented technique of KRAUSE joining parts
- + Platform finish: Wood, steel, combination of aluminium and wood
- + Each scaffold is expandable
- + Execution in order to be transported by a crane possible



Examples for customised solutions:





Customised ladders and steps

Customised aluminium ladders (mobile or stationary)

- + Application e.g. as access if there is limited space
- + Deliverable in different widths
- + Execution with steps or rungs

Customised aluminium steps (mobile or stationary)

- + Application e.g. for maintenance and assembly works
- + Due to the extra-large platform the tailor-made steps are well suited for long-term works
- + Deliverable in different widths
- + Different step material can be used

Optional Tilbehør:

- + Inset hooks
- + Holding bar
- + Handrail
 - Anti-slip
 - Powder-coated according to customer requirements
- + Different castor executions available

Examples for customised solutions:



Project examples for customised solutions



Mobile platform stair, connectable



Mobile access platform



Stationary stair access with platform and handrailing



Stationary crossover



Foldable access stair



Mobile working platform

Project examples for customised solutions



Stationary roof working platforms

Project examples for customised solutions



Mobile working platform

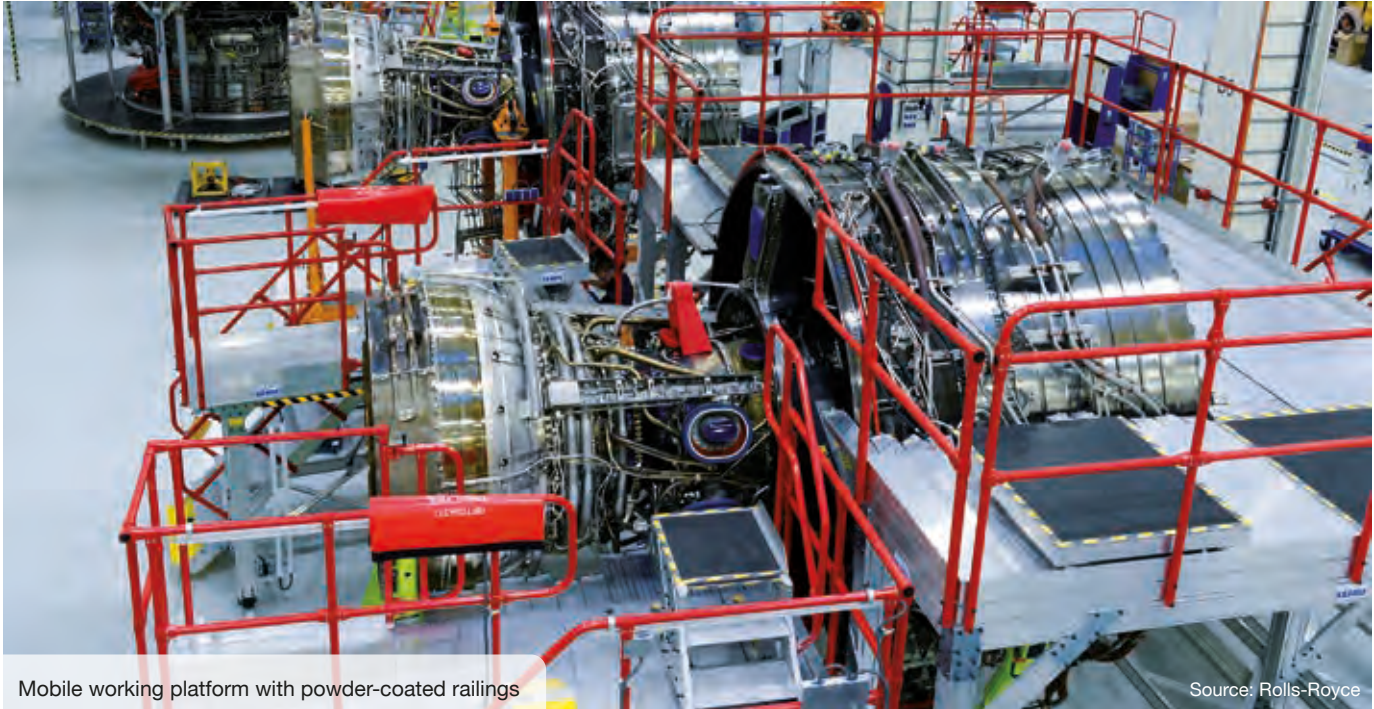


Mobile platform stair



Height-adjustable working platform

Project examples for customised solutions



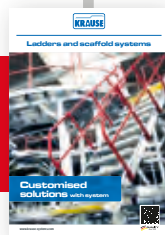
Mobile working platform with powder-coated railings

Source: Rolls-Royce

You will find more details in the following brochures:



Customised solutions with system



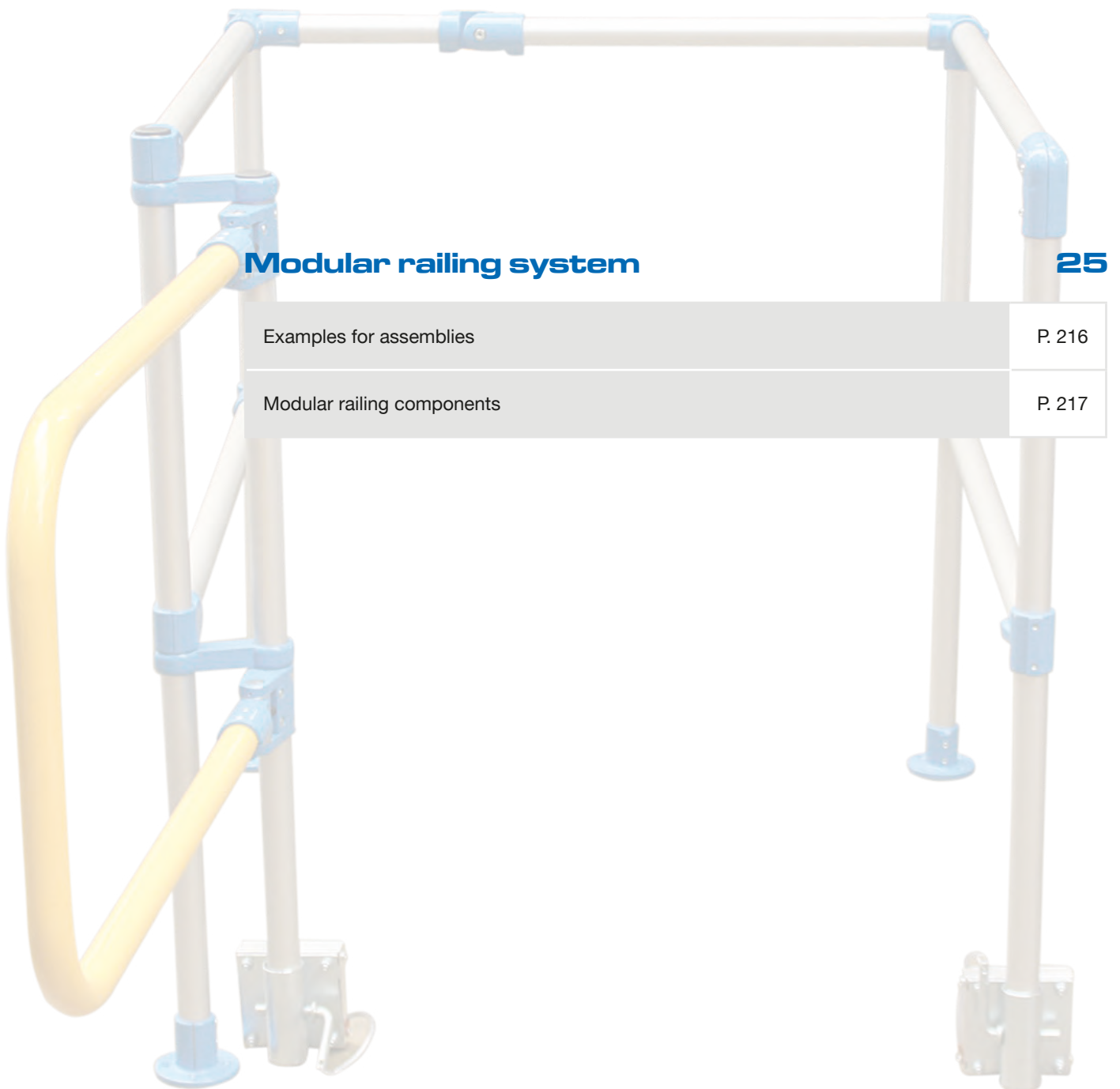
Customised-solutions for railway vehicles



Customised solutions for waste disposal



Mobile access platform



Modular railing system

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Examples for assemblies	P. 216
Modular railing components	P. 217

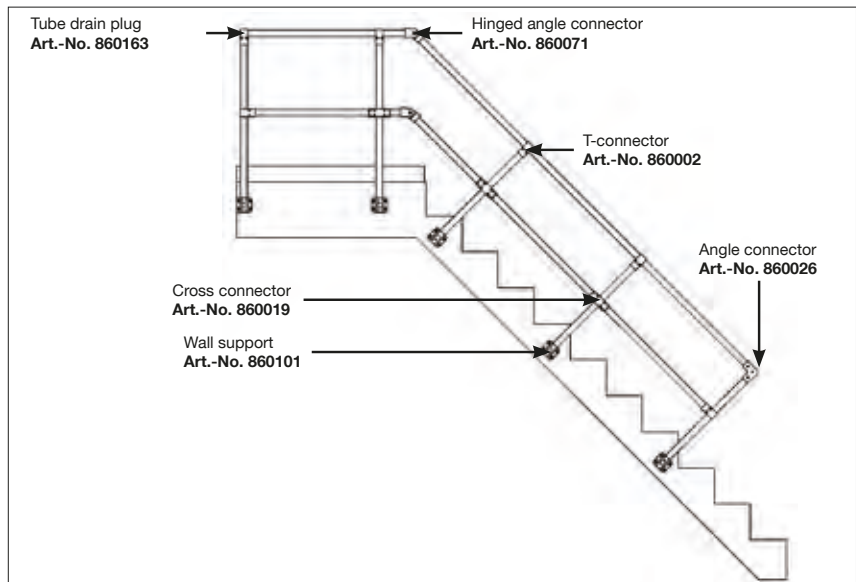
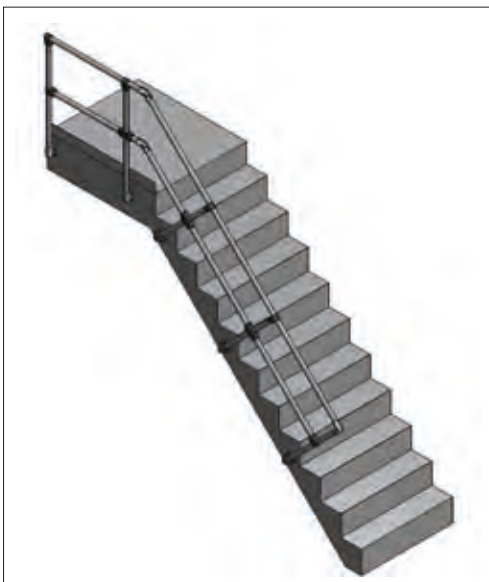
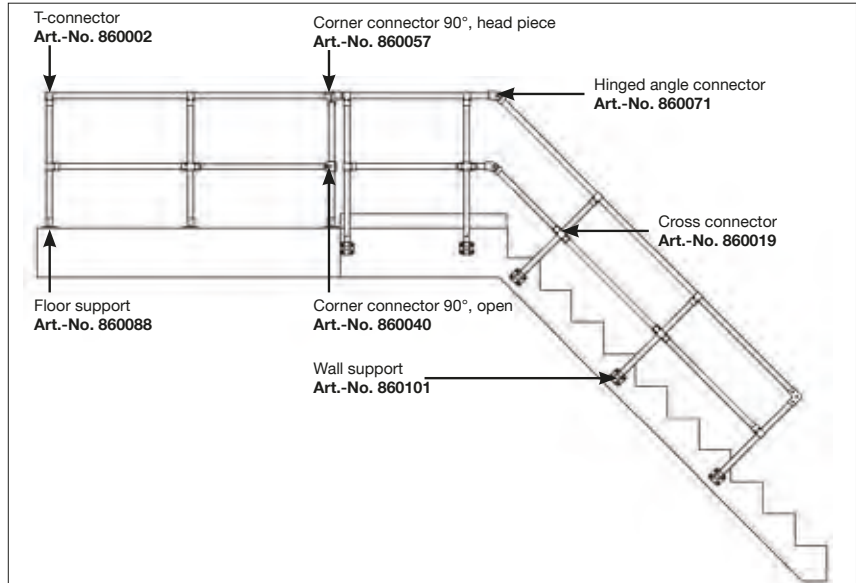


Modular railing system

- + Due to a wide range of single components the railing is versatile and suitable for many different applications
- + Easy to assemble as all components are simply screwed to another
- + Extremely sturdy due to its aluminium tubes with an outer diameter of 40 mm
- + Attractive design as a result to its high-quality rail tube connectors

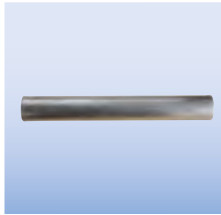
i On request, guardrails can also be supplied powder-coated in various RAL colours (standard: plain aluminium)
The assembly of the floor and wall support should only be made on steel. In case of assembly on concrete please enquire separately adapter plates.

Examples of assemblies:



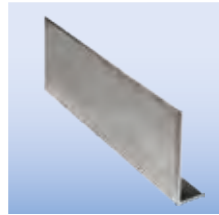
Modular railing system

Aluminium tube
Ø 40 x 4 x 6000



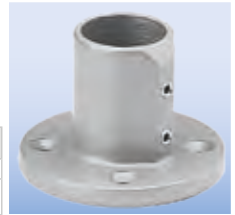
Version	Art.-No.
Aluminium	860149

Aluminium toeboard
100 x 30 x 6000



Version	Art.-No.
Aluminium	860156

Floor support
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860088
Stainless steel, V2A	860354

Floor support for toeboard
for Ø 40 mm



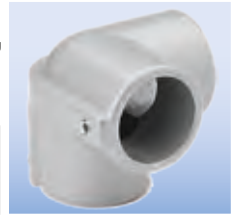
Screwing version	Art.-No.
Steel galvanisert	860118
Stainless steel, V2A	860392

Floor wall support
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860095
Stainless steel, V2A	860361

Corner connector 90°, head piece
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860057
Stainless steel, V2A	860347

Corner connector 90°, open
für Ø 40 mm



Screwing version	Art.-No.
Stål galvanisert	860040
Stainless Stål, V2A	860316

Screw for toeboard



Version	Art.-No.
Stainless Stål, V2A	860170
Stainless Stål, V4A	860460

Tube drain plug
Ø 40 x 3



Version	Art.-No.
Plastic	860163

Cross connector
for Ø 40 mm



Screwing version	Art.-No.
Stål galvanisert	860019
Stainless Stål, V2A	860439

Tumbler bearing 180°



Screwing version	Art.-No.
Stål galvanisert	860194
Stainless Stål, V2A	860378

T-hinged connector
40 mm



Screwing version	Art.-No.
Stål galvanisert	860064
Stainless Stål, V2A	860323

Tube connector
Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860200
Stainless steel, V2A	860446

Safety plug



Version	Art.-No.
Steel galvanisert	860132
Stainless steel, V4A	860309

Plug-in rail pocket



Screwing version	Art.-No.
Steel galvanisert	860125
Stainless steel, V4A	860453

T-connector
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860002
Stainless steel, V2A	860415

Wall support
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860101
Stainless steel, V2A	860408

Angle hinged connector
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860071
Stainless steel, V2A	860330

Angle connector 45°/135°
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860033
Stainless steel, V2A	860385

Angle connector for 90°
for Ø 40 mm



Screwing version	Art.-No.
Steel galvanisert	860026
Stainless steel, V2A	860422