



## Stairs (Light metal)

Sturdy aluminium stair to be used for a wide range of individual solutions in accordance with DIN EN ISO 14122.

- + Step width: 600 – 800 – 1,000 mm (step material: aluminium corrugated)
- + Step depth: 225 mm at 45° and 175 mm at 60° inclination
- + Aluminium grating or aluminium perforated surfaces are available on request (step depth 240 mm at 45° and 185 mm at 60° inclination)
- + Supplied with one handrail as a standard equipment (on request a second handrail is available for extra charge optionally to be fitted on the left or right side)
- + Handrails on stairs with an inclination of 45° are fitted with a knee rail
- + Stair fastening at the upper end with a front side support bracket
- + Floor fastening with two fastening brackets mounted to rails
- + Supplied in pre-assembled modules for simple and easy self-assembly
- + 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
- + Stairs with other inclinations, step widths and surfaces are available on request
- + In accordance with DIN EN ISO 14122 stairs with a vertical height over 4,000 mm have to be equipped with an intermediate platform
- + Pre-equipped with a wosatec QR code label for easy digitalisation of work equipment inspection documentation

**i** In accordance with DIN EN ISO 14122 stairs and crossovers with a vertical height of 500 mm and more and a gap at the side of > 120 mm have to be equipped with a second handrail.

### Optional accessories:

- + Step edge marking
- + Safety chain
- + Anti-slip handrail
- + Safety barrier
- + Dirt trap plate
- + Plug-in railing



### Inclination angle 45°

Number of steps		1 x 4	1 x 5	1 x 6	1 x 7	1 x 8	1 x 9	1 x 10	1 x 11	1 x 11	1 x 12	1 x 13	1 x 14	1 x 15	1 x 16	1 x 17
Vertical height (A)	approx. mm	860	1,080	1,290	1,510	1,720	1,940	2,150	2,370	2,580	2,800	3,010	3,230	3,440	3,660	3,870
Projection (D)	approx. mm	1,040	1,250	1,470	1,680	1,900	2,110	2,330	2,540	2,760	2,970	3,190	3,400	3,620	3,830	4,050
<b>Step execution</b>		<b>Aluminium corrugated</b>														
Art.-No. Step width 600		822338	822345	822352	822369	822376	822383	822390	822406	822413	822420	822437	822444	822451	822468	822475
Art.-No. Step width 800		822536	822543	822550	822567	822574	822581	822598	822604	822611	822628	822635	822642	822659	822666	822673
Art.-No. Step width 1,000		822734	822741	822758	822765	822772	822789	822796	822802	822819	822826	822833	822840	822857	822864	822871
Second handrail available for extra charge		822932	822949	822956	822963	822970	822987	822994	823007	823014	823021	823038	823045	823052	823069	823076

### Inclination angle 60°

Number of steps		1 x 4	1 x 5	1 x 6	1 x 7	1 x 8	1 x 9	1 x 10	1 x 11	1 x 12	1 x 13	1 x 14	1 x 15	1 x 16
Vertical height (A)	approx. mm	1,000	1,250	1,500	1,750	2,000	2,250	2,500	2,750	3,000	3,250	3,500	3,750	4,000
Projection (D)	approx. mm	720	870	1,010	1,160	1,300	1,440	1,590	1,730	1,880	2,020	2,170	2,310	2,450
<b>Step execution</b>		<b>Aluminium corrugated</b>												
Art.-No. Step width 600		823137	823144	823151	823168	823175	823182	823199	823205	823212	823229	823236	823243	823250
Art.-No. Step width 800		823335	823342	823359	823366	823373	823380	823397	823403	823410	823427	823434	823441	823458
Art.-No. Step width 1,000		823533	823540	823557	823564	823571	823588	823595	823601	823618	823625	823632	823649	823656
Second handrail available for extra charge		823731	823748	823755	823762	823779	823786	823793	823809	823816	823823	823830	823847	823854



### You have not found the version you are looking for?

Our experts will be happy to configure different step executions or customised vertical heights for you at any time.

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

Tel.: +49 (0) 6631 795-230

E-Mail: [sonderloesungen@krause-systems.de](mailto:sonderloesungen@krause-systems.de)

# Industrial stair

## Customer data

Company name: \_\_\_\_\_ Enquiry  Preferred delivery date : \_\_\_\_\_  
 Contact person: \_\_\_\_\_ Offer  Consignment/CS-No.: \_\_\_\_\_  
 Customer number: \_\_\_\_\_ Order  Quantity: \_\_\_\_\_

Date: \_\_\_\_\_

## Technical data

<b>Application</b>	Indoor (ID), Outdoor (OD), Heavy Duty (HD)			
	Slip-resistance Standard (R9) or Heavy Duty (R12/R13)			
<b>Step surfaces &amp; depth</b>	Aluminium corrugated (Standard 175 mm for 60° / 225 mm for 45°)			
	Steel grated	} Standard - 185 mm for 60° - 240 mm for 45°		
	Steel perforated			
	Aluminium grated			
	Aluminium perforated			
<b>Dimensions</b>	Number of steps			pc.
	Inclination angle (Standard 60° or 45°)	$\alpha$		
	Vertical height	A		mm
	Step width (Standard 600 / 800 / 1,000)	B		mm
	Total width over all	C		mm
	Projection	D		mm
	Step depth	E		mm
	Max. load of steps (Standard 150 kg)			kg
	Total loading capacity			kg
<b>Handrail</b>	Stair handrail left			plug-in
	Stair handrail right			plug-in
<b>Fastening equipment</b>	Supporting bracket at top <b>1</b>			
	Front mounting bracket at the top <b>2</b>			
	Floor fastening bar			
<b>Accessories</b>	Step edge marking			
	Safety barrier			
	Safety chain			
	Anti-slip handrail			
	Dirt trap plate			
<b>Technical documentation</b>	Declaration of conformity/manufacturer			
	Certificate of an independent testing institute*			
	Static calculation of construction*			
	Other requirements			

## Information

Sturdy light metal construction as individual solution based on DIN EN ISO 14122, made of stainless and weatherproof aluminium extruded profile with high strength and multifunctional screw channels.

The exchange of components as well as flexible adjustments are possible at any time due to the modular construction system.

Special angles, widths and heights as well as individual colours of the components are available on request.

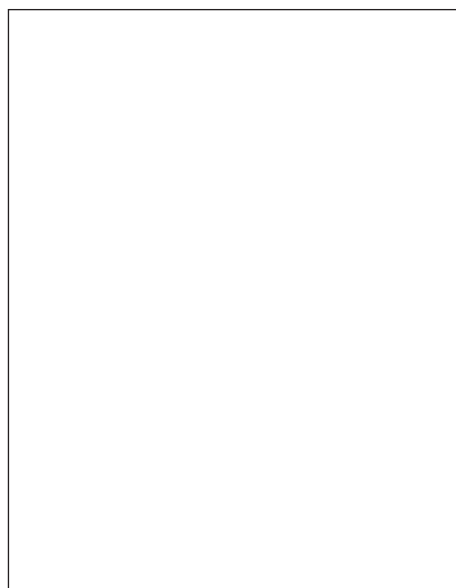
The delivery will be effected by the manufacturer in pre-assembled components (stair/railing).

**Please note:**  
Base for the selection of the screw projection is DIN 78.

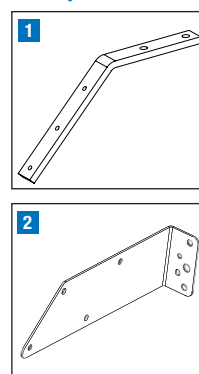
Overhanging screws will be covered with plastic covering plugs.

\* = Chargeable additional services

## Other



## Principal sketch



Knee rail not used for inclination angle 60°

