



RK ROSE+KRIEGER

A Phoenix Mecano Company

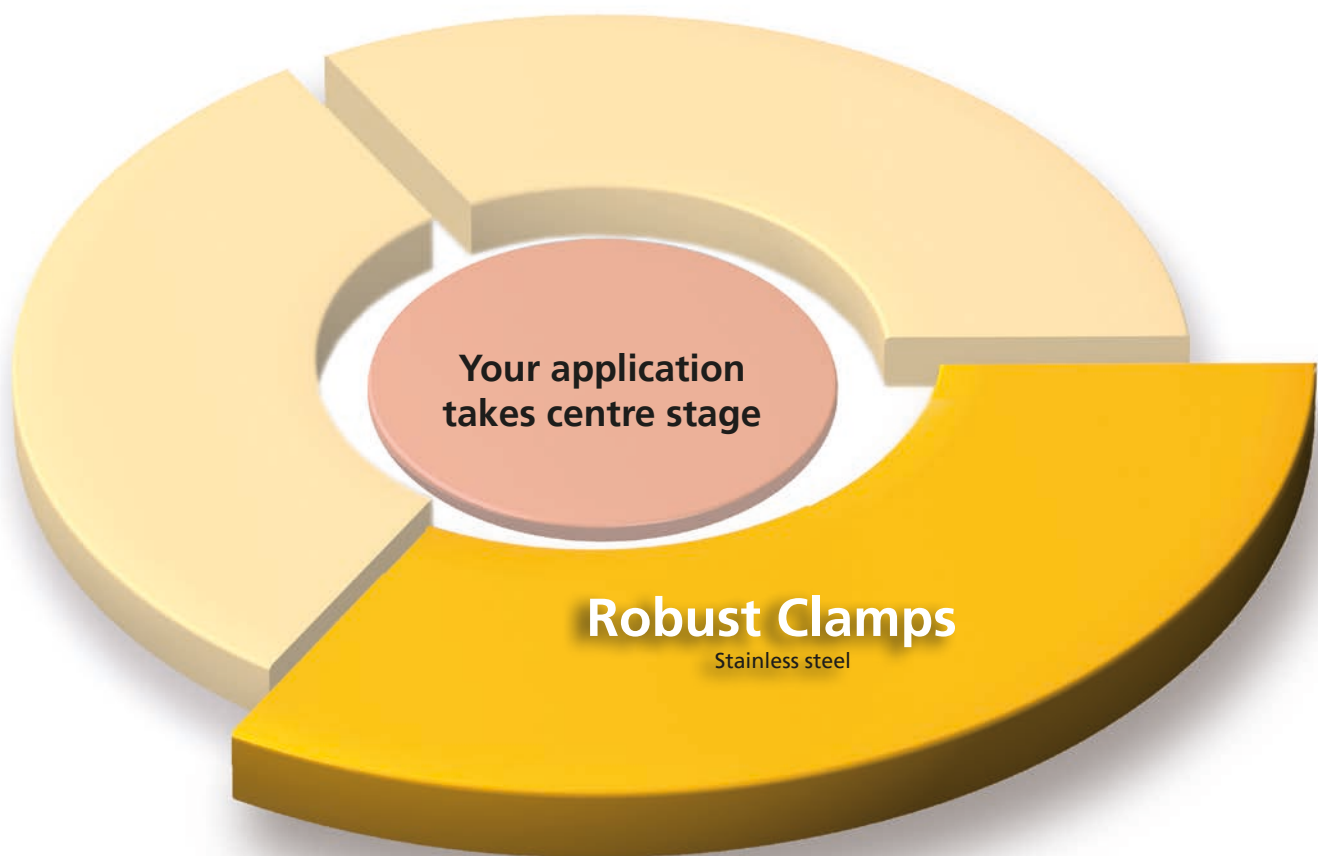
Robust Clamps

Style and power
The new generation of connectors



Robust Clamps

The new generation of connectors



For heavy loads and shock-proof applications, RK Rose+Krieger has developed Robust Clamps made of stainless steel. The high-strength connection elements are resistant to high temperatures and corrosion, and are specially designed for dynamic loads.





Stainless steel clamps are particularly important for users working in the fields of chemical and food technology. The demand for stainless steel clamps is especially high for the bottling, packaging and processing technology as well as for outdoor appliances and equipments bearing thermal loads.



Features:

- High clamping forces
- Highly temperature resistant
- Corrosion-resistant material: 1.4308
- Cost-effective alternative to DIY
- electropolished surface

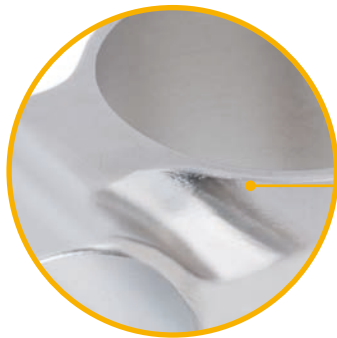


- Extremely strong
- Vibration proof
- Impact and shock load



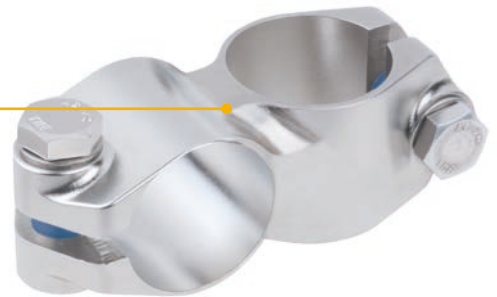
Robust Clamps

Clever details in the construction of the tube connectors (30/40 mm diameter)



- Smooth contour transitions

Optimised flux of force during torsional stress



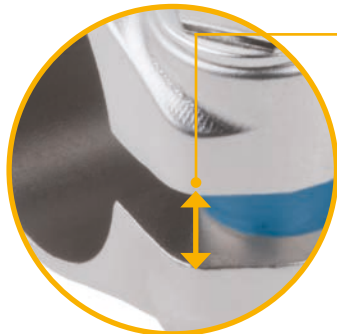
- Exterior hex screws

Simple installation with standard tools



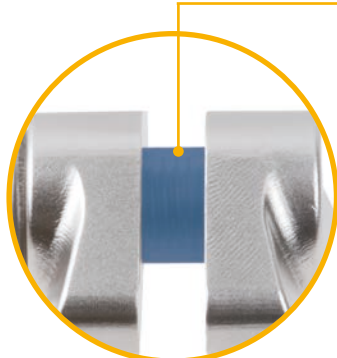
- Large slot width

Easy to clean



- Pocket hole version

Minimises dirt accumulation



- Silicone thread coating

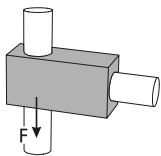
Protects the threads against soiling and damage



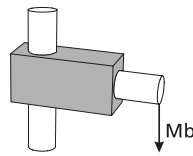
Loads robust clamps

Attention!

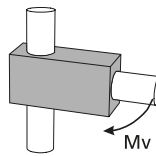
The data in the chart do not ensure a guarantee of quality or a warrant characteristic of our products. These are nonbinding standard values which might be not reached in individual cases due to the temperature or surface finish of the clamping profile.



Adhesion force F [KN]



Bending moment Mb [Nm]



Twisting moment Mv [Nm]

Tightening torque of

clamping screws:

M6: 10 Nm

M8: 25 Nm

M10: 50 Nm

Material data sheet
available upon request.

Size Type	Ø12 - 18			Ø 30			Ø 40			Ø 50		
	F	Mb	Mv	F	Mb	Mv	F	Mb	Mv	F	Mb	Mv
Cross clamps												
K-VA	7,3	328	37	8,6	975	104	15,5	1780	355			
Angle clamps												
W-VA	4,4	449	31	5,8	1570	30	10,1	3360	183			
Base clamps												
FS-VA	5,5	175	30	7,2	1420	82	7,9	2790	150			
Flange clamps												
FK-VA	6,3	236	44	8,4	740	115	15,2	2580	236			

Robust Clamps

Cross/Angle clamps

Order instruction:

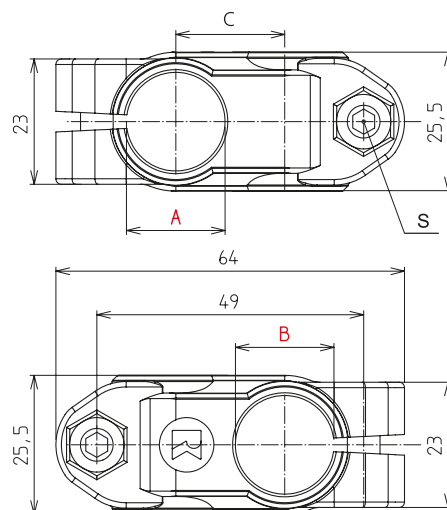
- Standard equipment premounted stainless steel screws



K-VA 12-14



K-VA 16-20

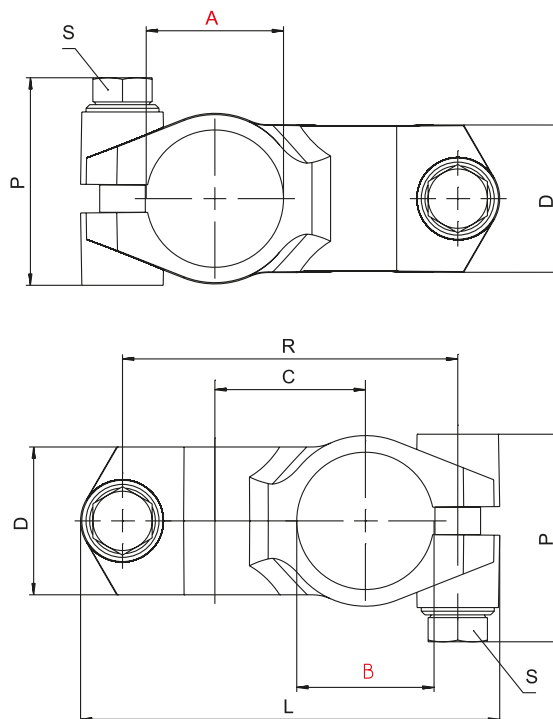


Cross clamps K-VA

Code No.	Type	A	B	C	m [g]	Clamping lever S Code No.
101200003800	K-VA 12	12,1	12,1	20	198	93031
101400003800	K-VA 14	14,1	14,1	20	183	
101600003800	K-VA 16	16,1	16,1	20	165	
101800003800	K-VA 18	18,1	18,1	20	144	
102000003800	K-VA 20	20,1	20,1	21	106	



K-VA 30, 40, 50



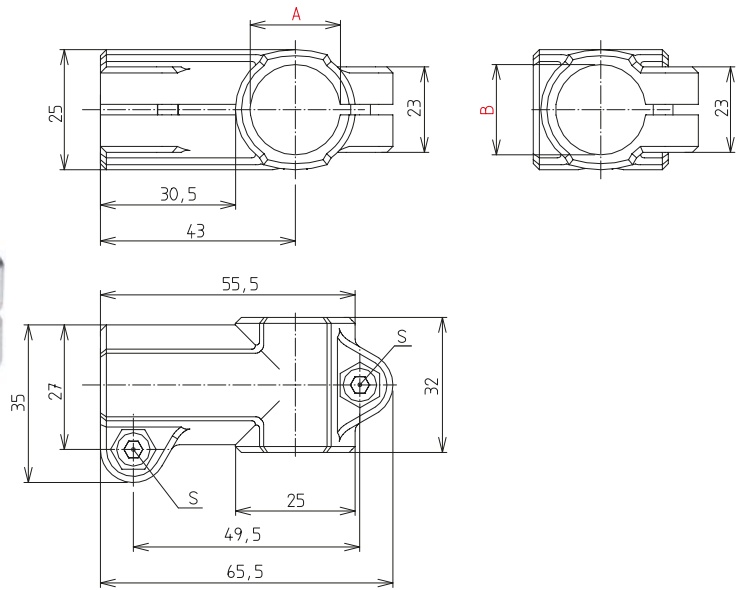
Code No.	Type	A	B	C	D	L	P	R	m[g]	Clamping lever S Code No.
103000003900	K-VA 30	30,1	30,1	33	32,4	92	45,5	73,5	348	9300201
104000003900	K-VA 40	40,17	40,17	42	40,4	118	54	95,5	647	93023
105000003900	K-VA 50	50,22	50,22	54	55	150	56,5	128	1166	93023



W-VA 12-14



W-VA 16-20



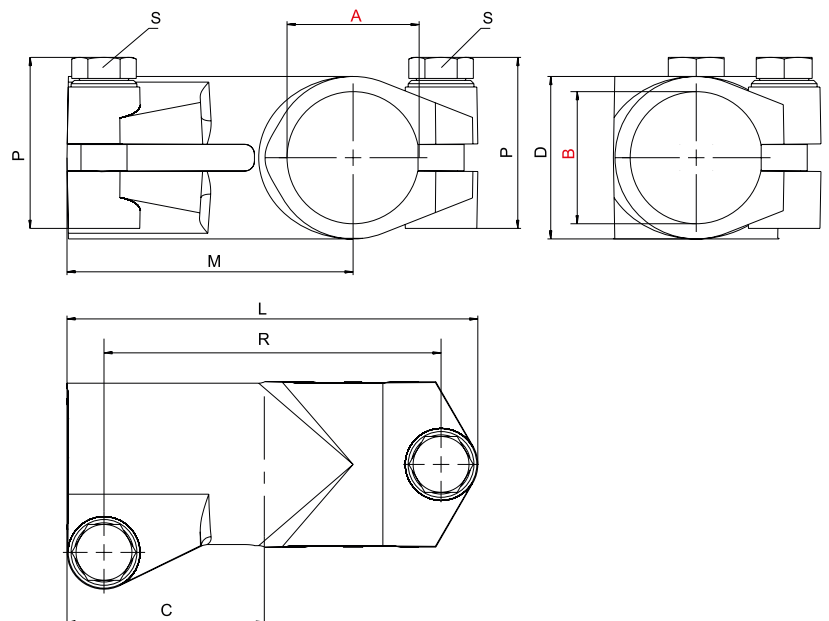
Angle clamps W-VA

[mm]

Code No.	Type	A	B	m [g]	Clamping lever S Code No.
111200003800	W-VA 12	12,1	12,1	235	93031
111400003800	W-VA 14	14,1	14,1	216	
111600003800	W-VA 16	16,1	16,1	194	
111800003800	W-VA 18	18,1	18,1	169	
112000003800	W-VA 20	20,1	20,1	123	



W-VA 30, 40, 50



[mm]

Code No.	Type	A	B	C	D	L	M	P	R	m[g]	Clamping lever S Code No.
113000003900	W-VA 30	30,1	30,1	40	38,4	87	58	45,5	69	403	9300201
114000003900	W-VA 40	40,17	40,17	60	50,4	124,9	87	54	102,5	875	93023
115000003900	W-VA 50	50,22	50,22	61,5	60	142		56,5	120	1149	93023

Robust Clamps

Base/Flange clamps

Order instruction:

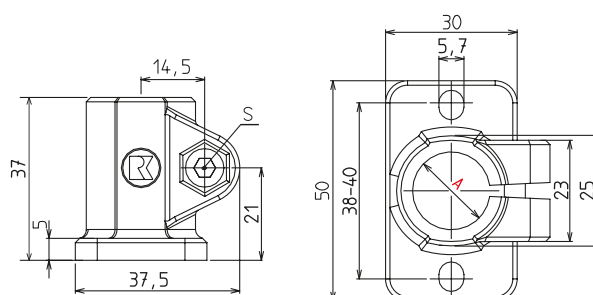
- Standard equipment premounted stainless steel screws



FS-VA 12-14

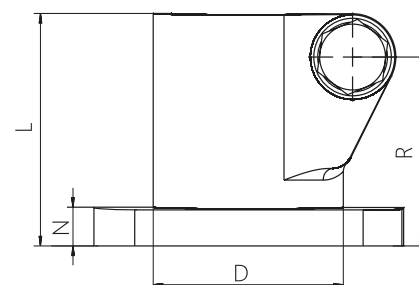


FS-VA 16-20



Base clamps FS-VA

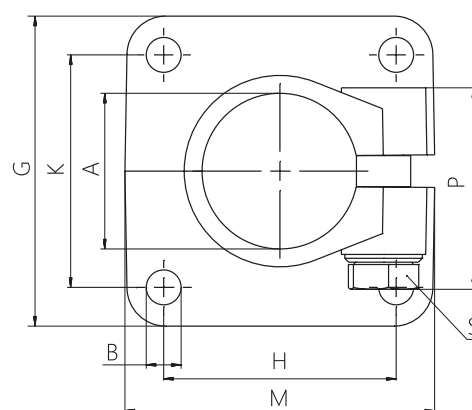
Code No.	Type	A	m [g]	Clamping lever S Code No.
13120000380	FS-VA 12	12,1	163	93031
13140000380	FS-VA 14	14,1	151	
13160000380	FS-VA 16	16,1	138	
13180000380	FS-VA 18	18,1	124	
13200000380	FS-VA 20	20,1	99	



FS-VA 30, 40



FS-VA 50



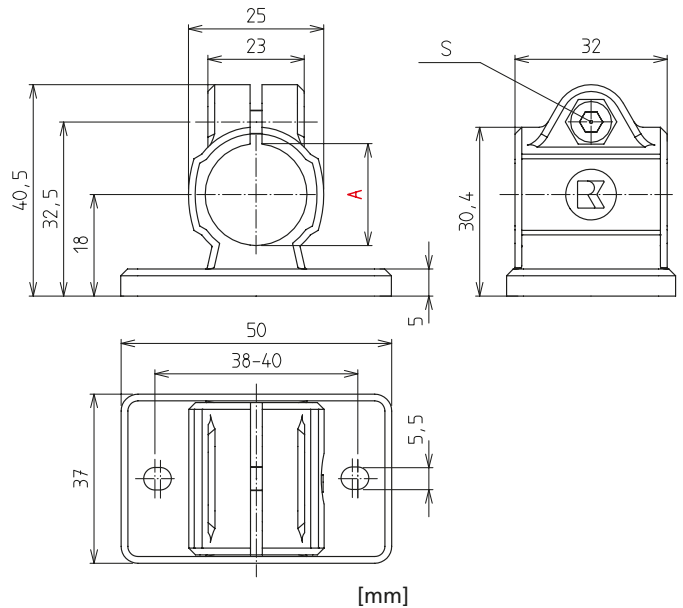
Code No.	Type	A	B	D	G	H	K	L	M	N	P	R	m[g]	Clamping lever S Code No.
13300000390	FS-VA 30	30,1	7	37,4	60	40	40	50	60	7	45,5	41	316	9300201
13400000390	FS-VA 40	40,17	9	49,4	80	60	60	60	80	10	54	90	629	93023
13500000390	FS-VA 50	50,22	11	64,5	105	80	80	80	105	14	56,5	54	1163	93023



FK-VA 12-14



FK-VA 16-20



Flange clamps FK-VA

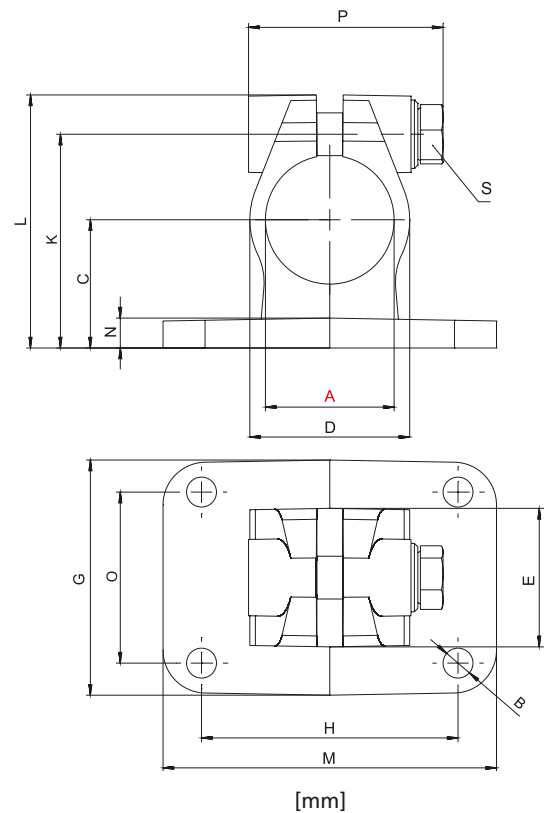
Code No.	Type	A	m [g]	Clamping lever S Code No.
12120000380	FK-VA 12	12,1	178	93031
12140000380	FK-VA 14	14,1	167	
12160000380	FK-VA 16	16,1	156	
12180000380	FK-VA 18	18,1	143	
12200000380	FK-VA 20	20,1	120	



FK-VA 30, 40



FK-VA 50



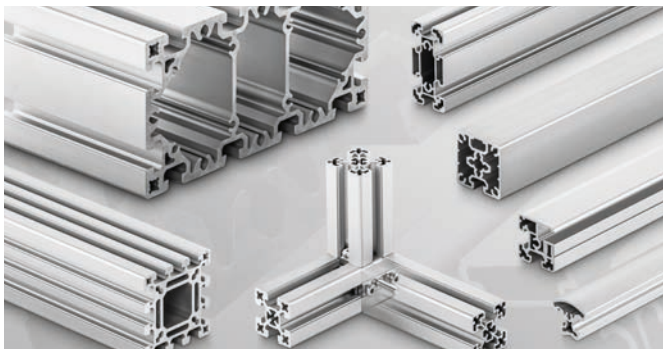
Code No.	Type	A	B	C	D	E	G	H	K	L	M	N	O	P	m[g]	Clamping lever S Code No.
12300000390	FK-VA 30	30,1	7	30	37,4	32,4	55	60	50	59,2	78	7	40	45,5	370	9300201
12400000390	FK-VA 40	40,17	9	42	49,4	46,4	80	60	69	80	80	10	60	54	849	93023
12500000390	FK-VA 50	50,22	11	53	61	55	85	80	90	101	105	14	60	56,5	1022	93023

Our product ranges



LINEAR TECHNOLOGY

- Manual adjustment units
- Electric cylinders
- Lifting columns
- Linear axes
- We can move loads for you of up to 3 t and up to 12 m dynamically, reliably and with great precision



PROFILE TECHNOLOGY

- The tried and tested BLOCAN® aluminium assembly system
- Sections from 20 mm to 320 mm for all applications
- Connecting technology with an unsurpassed combination of flexibility and reliability



CONNECTING TECHNOLOGY

- Fittings for the secure clamp connection of round and square tubes
- Elements made of aluminium, stainless steel and plastic
- Sizes from 8 mm to 80 mm



MODULE TECHNOLOGY

- Machine frames
- Workstations
- Machine guards
- Multidimensional linear axis modules
- Complete drive solutions

Do you need to focus your resources on other tasks and are you looking for an expert partner you can rely on? Working in close collaboration with you, our specialists will develop solutions tailor-made to meet your needs. If you wish, we can also assemble and commission the units on site.

- [illegible]

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- A woman with long brown hair, wearing a white t-shirt, is standing in front of a large, transparent digital display. She is pointing her right index finger at a glowing, wireframe model of a mechanical part, possibly a piston or a valve, which is displayed on the screen. The background is dark, and the overall scene suggests a high-tech or industrial environment.

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Informations

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