
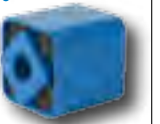



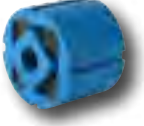





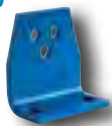

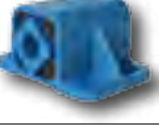
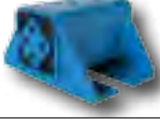
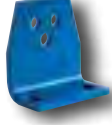


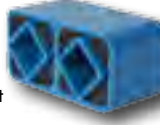


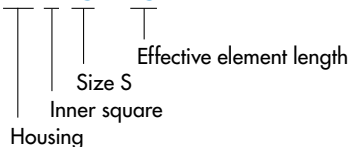
Selection chart for rubber suspension standard elements with Rubmix 10

Inner square Housing	A Light metal profile, as from size 60 in steel	C Light metal profile	S Steel tube for plug-in connection	Accessories for housing Steel parts
DR Steel tube	DR-A 15 to 50  Page 1.6	DR-C 15 to 50  Page 1.6	DR-S 11 to 50  Page 1.7	Bracket BR 11 to 50  Page 1.7
DK Light metal profile	DK-A 15 to 50  Page 1.8	DK-C on request 	DK-S 11 to 50  Page 1.8	Bracket BK 11 to 50  Page 1.9
DW Light metal profile	DW-A 15 to 38  Page 1.10	DW-C 15 to 38  Page 1.10	DW-S 15 to 38  Page 1.10	Accessories for inner square A Steel parts
DW Nodular cast iron	DW-A 45 and 50  Page 1.11	DW-C 45 and 50 on request 	DW-S 45 and 50  Page 1.11	
DW Steel welded construction	DW-A 60 to 100  Page 1.11			WS 11 to 50  Page 1.13
DO Light metal profile Size 50 in nodular cast iron	DO-A 15 to 50  Page 1.12	DO-C on request 	DO-S on request 	
Housing Specification inner squares	Ideal for alternating motions over neutral element position. For sizes DR 15–45: Fixation by means of 2 to 4 persistent threaded bars (sizes DR 27–45 also available with threaded holes).		Friction locking of the core by means of one central bolt, can be positioned in full 360° angle-range. For ideal friction locking, please remove paint cover on face side. For alternating element motion of max. ±10°.	For plug-in connection with square profile*. Plug-in length min. 2 x width across flat "C". Connection is not recommendable by alternating motions – play between the plugged squares.

* The square should be made out of bright steel, tolerance h9–h11. Possibly, the edges have to be overwinded (edge-radius in element profile max. 1.5 mm).

Specification

DR-A 15 x 25



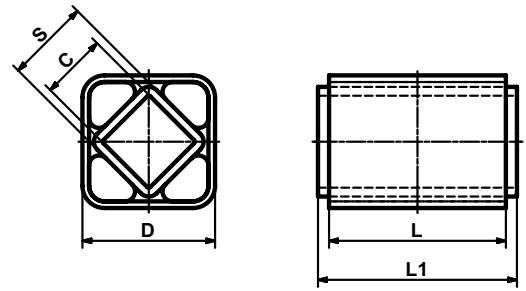
General

- Light metal profiles: extruded profiles, seawater resistant (DIN 1725).
- Blue protection paint: water-soluble paint, coating thickness 40–80 µm.
- Fixation screws: minimum strength class of 8.8
- Welding on elements: do not weld on rubber suspensions – welding heat will affect or destroy the rubber inserts – ask for customized elements
- Most of the elements can be supplied in stainless steel version – also zinc-plated versions or special paintings are available.

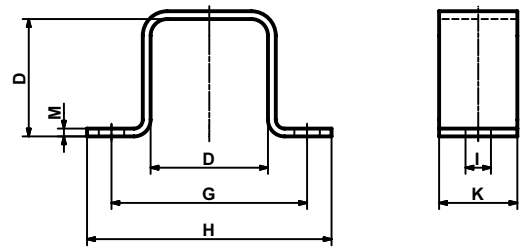
Further customized elements: see examples on page 1.14 to 1.19.

Rubber Suspension Units

Type DR-S



Accessory Bracket BR



DR-S		□C	□D	□S	L	L1 ±0.2	Weight [kg]
Art. No.	Type						
01 021 001	DR-S 11x 20	8 ^{+0.25} ₀	20 ^{+0.3} _{-0.1}	11	20	25	0.04
01 021 002	DR-S 11x 30				30	35	0.05
01 021 003	DR-S 11x 50				50	55	0.08
01 021 004	DR-S 15x 25	11 ^{+0.25} ₀	27 ^{+0.4} ₀	15	25	30	0.07
01 021 005	DR-S 15x 40				40	45	0.12
01 021 006	DR-S 15x 60				60	65	0.18
01 021 007	DR-S 18x 30	12 ^{+0.25} ₀	32 ^{+0.3} _{-0.1}	18	30	35	0.12
01 021 008	DR-S 18x 50				50	55	0.20
01 021 009	DR-S 18x 80				80	85	0.32
01 021 010	DR-S 27x 40	22 ^{+0.25} ₀	45 ^{+0.4} ₀	27	40	45	0.26
01 021 011	DR-S 27x 60				60	65	0.39
01 021 012	DR-S 27x100				100	105	0.65
01 021 013	DR-S 38x 60	30 ^{+0.25} ₀	60 ^{+0.3} _{-0.2}	38	60	70	0.67
01 021 014	DR-S 38x 80				80	90	0.90
01 021 015	DR-S 38x120				120	130	1.32
01 021 026	DR-S 45x 80	35 ^{+0.4} ₀	75 ^{+0.3} _{-0.2}	45	80	90	1.42
01 021 027	DR-S 45x100				100	110	1.76
01 021 028	DR-S 45x150				150	160	2.62
01 021 029	DR-S 50x120	40 ^{+0.4} ₀	80 ^{+0.3} _{-0.2}	50	120	130	2.37
01 021 030	DR-S 50x200				200	210	3.91
01 021 031	DR-S 50x300				300	310	5.80

Bracket BR		D	G	H	øI	K	M	Weight [kg]
Art. No.	Type							
01 500 001	BR 11	20	37	50	6	20	2	0.03
01 500 002	BR 15	27	50	65	7	25	2	0.04
01 500 003	BR 18	32	60	80	9	30	2.5	0.08
01 500 004	BR 27	45	80	105	11	35	3	0.15
01 500 005	BR 38	60	100	125	13	40	4	0.27
01 500 026	BR 45	75	120	150	13	45	5	0.48
01 500 027	BR 50	80	135	175	18	50	6	0.71

List of torque and loads on page 1.5.

Further information to customized elements and installation examples as from page 1.14.

Administrative and Technical Information

1. Guidance, services and offers

Please contact your local ROSTA representative listed in our representatives list on the back of the catalogue if you have any questions or concerns.

We require a full list of technical specifications including any available sketches and data sheets for the preparation of an appropriate offer. This information makes it possible for us to determine whether a standard or custom element is the most cost-effective solution for you. For complex applications, our representative or the home office will send you a questionnaire about the exact specifications for what you need.

Terms and conditions for payments and deliveries are included with our offer or available on our website at www.rosta.com → Company → General Terms.

2. Orders and deliveries

Please include the offer number on your order along with the exact quantity, product name and number. Please send your order to your local ROSTA representative.

3. Availability

Most of the standard products listed in our catalogue are available from stock through your local representative or directly from ROSTA AG.

Custom pieces for a specific customer requirement are produced and delivered as specified in your order confirmation. The delivery time for special custom pieces can be reduced by signing a call order agreement (make-and-hold-order) with ROSTA AG. Please contact us if you would like to discuss this.

4. Technical information

Please observe the capacity limits for our elements as specified in the catalogue. If you are in doubt, please contact us or your ROSTA representative.

Please follow the assembly instructions detailed in the catalogue. Make sure that your assembly workers are instructed correctly. If you have any questions, please contact us or your ROSTA representative.

Assembling elements: To attach our elements or mounts, please always use the largest dimensioned standard machine bolts possible with a minimum strength class of 8.8 that fit into the drilled holes in the elements or attachment clamps. Use an ISO 898 table or your screw supplier's guidelines for the maximum tightening torque.

If in doubt, control your bolt attachments using the VDI Guidelines 2230.

Use DIN 125A stamped washers to attach housings with unworked drilled holes in the casting (for example AB 50) or oblong holes (for example MB supports).

5. Proviso

This catalogue and our other technical information are intended solely for your orientation and information; they may not be construed as absolutely binding in any way. We ask that you adapt the assembly and use of our products in a way suited to the prevailing conditions and situation.

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T2016-914