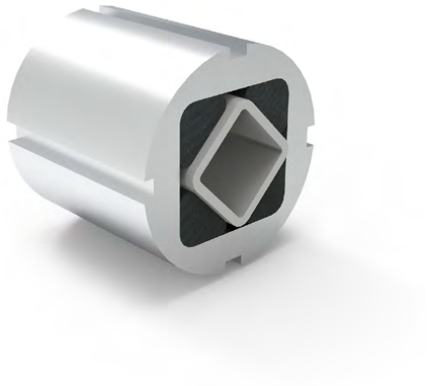
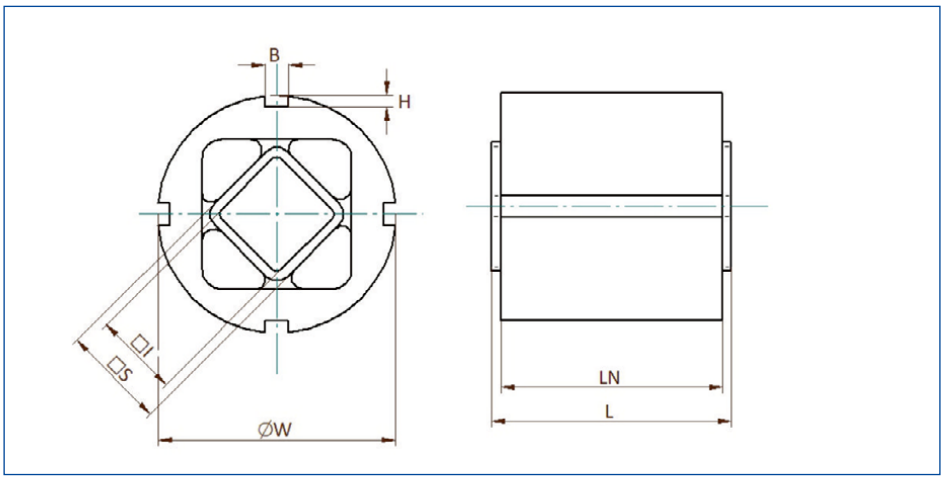
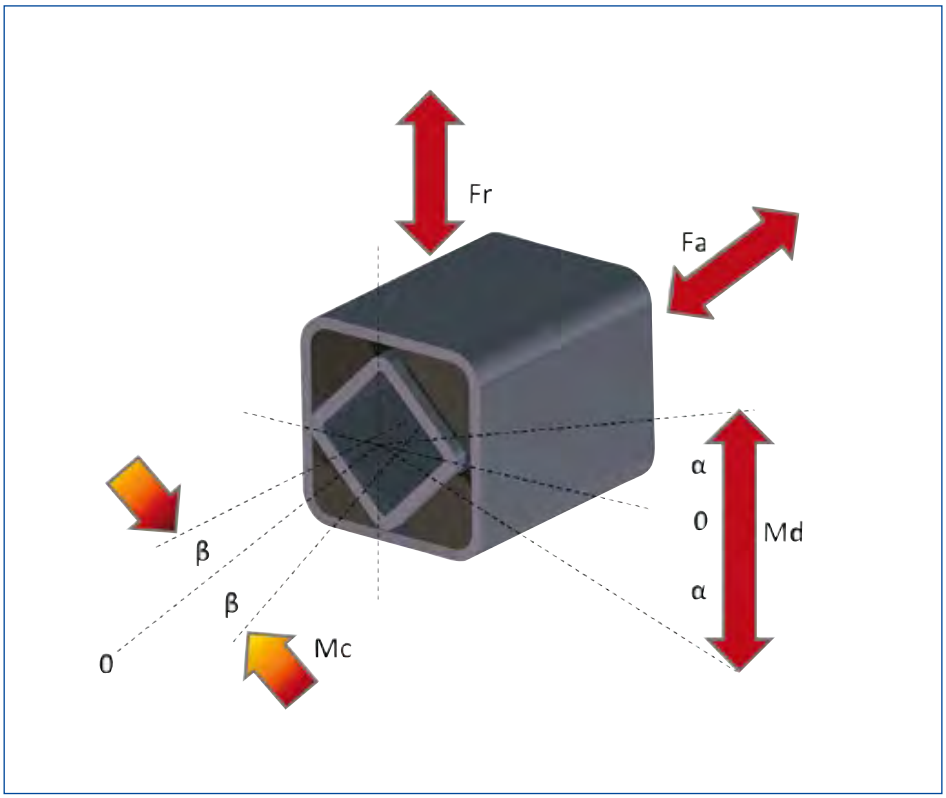
RUBBER SUSPENSION UNIT
TYPE LTK-S

The inner profile of the RESATEC rubber supesnion unit type LTK-S enables a plug-in connection. The insertion depth of the inserted square should be at least 1.8 times the material cross-section (dimension S). The square should be made of bright steel with tolerance h11 and faceted edges. On the outside, the rubber spring element is inserted into a clamping fist or fastened with the RESATEC clamp mounting Type CK.







matching mounting bracket type CK
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RUBBER SUSPENSION UNIT
TYPE LTK-S

Dimensions / Material

type	øW	B	H	□S	LN	L	□I	no. of mounting brackets	weight	material		
	mm	mm	mm	mm	mm	mm	mm	type / MS	kg	outer profile	core square tube	rubber
LTK-S 4 – 30	45	5	2.5	18	30	35	12	1	0.11	aluminium	steel S235JR / galvanized	SBR based / mixture code C
LTK-S 4 – 50					50	55		1	0.18			
LTK-S 4 – 80					80	85		2	0.28			
LTK-S 5 – 40	62	6	3	27	40	45	22	1	0.27			
LTK-S 5 – 60					60	65		1	0.4			
LTK-S 5 – 100					100	105		2	0.66			
LTK-S 6 – 60	80	3 × 7 1 × 8.5	3 × 4 1 × 7.5	38	60	70	30	1	0.68			
LTK-S 6 – 80					80	90		2	0.89			
LTK-S 6 – 120					120	130		2	1.31			
LTK-S 7 – 80	95	8	4	45	80	90	35	1	1.33			
LTK-S 7 – 100					100	110		2	1.64			
LTK-S 7 – 150					150	160		2	2.43			
LTK-S 8 – 120	108	8	4	50	120	130	40	2	2.55			
LTK-S 8 – 200					200	210		4	4.21			
LTK-S 8 – 300					300	310		5	6.28			

Performance parameters

type	MC @ β +/-1°	radial deflection	radial load	axial deflection	axial load	torque and max. excitation frequency at angle α													
						α +/- 4°		α +/- 8°		α +/- 12°		α +/- 16°		α +/- 20°		α +/- 24°		α +/- 28°		α +/- 32°	
	Nm	Sr mm	Fr N	Sa mm	Fa N	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$
LTK-S 4 – 30	1.51	0.5	386	0.5	92	1.6	1050	3-37	330	5.38	190	7.71	110	10.4	72	13.6	46	17.4	33	21.8	10
LTK-S 4 – 50	6.68		644		153	2.67		5-64		9.07		13.1		17.9		23.6		30.4		38.4	
LTK-S 4 – 80	26.90		1030		245	4.27		9-01		14.5		20.8		28.3		37.3		47.8		60.2	
LTK-S 5 – 40	3.99	0.5	888	0.5	217	4.01	990	8-22	300	13.1	170	19.2	110	27	68	37	43	49.7	30	65.5	10
LTK-S 5 – 60	12.01		1333		325	6.02		12-4		19.8		29.0		40.9		56.2		75.4		100	
LTK-S 5 – 100	49.9		2221		542	10		20-6		32.9		48.3		67.9		93.2		125		166	
LTK-S 6 – 60	11.74	0.5	1564	0.5	372	11.3	900	23-7	280	38.5	150	56.7	92	79.6	57	108	38	144	28	188	10
LTK-S 6 – 80	25.4		2086		497	15.1		31-7		51.4		75.9		107		145		194		253	
LTK-S 6 – 120	78.4		3130		745	22.6		47-5		77.1		114		160		218		291		380	
LTK-S 7 – 80	27.0	0.5	2196	0.5	536	22.7	850	47-1	250	75.3	150	110	86	152	57	206	36	272	26	353	10
LTK-S 7 – 100	52.2		2745		669	28.4		58-9		94.1		137		190		256		338		439	
LTK-S 7 – 150	135		4063		991	42.1		87-8		141		206		286		385		508		658	
LTK-S 8 – 120	81.8	0.5	2828	0.5	690	37.2	840	94-2	250	171	150	267	85	382	53	517	36	671	24	844	10
LTK-S 8 – 200	263		5712		1393	74.6		184		329		509		723		971		1254		1570	
LTK-S 8 – 300	1355		8654		2110	183		350		525		776		980		1305		1725		2260	