

Ventilation duct clamp LGS

Clamps - Ventilation duct clamp LGS

8



Support systems for ventilation



Spiral airduct on cantilever

Applications

- 2-screw-pipe clamp with sound insulation for fixing of spiral ducts.
- For use in dry interior areas.

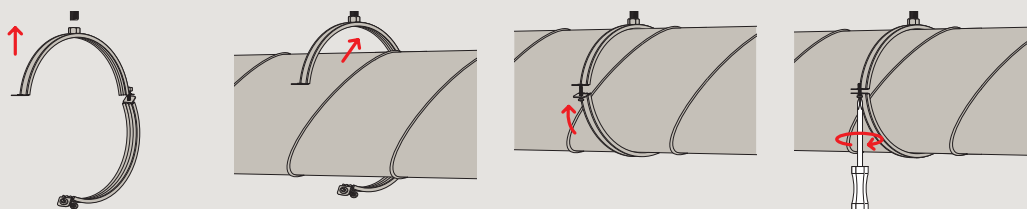
Advantages

- The large opening angle of the LGS enables a quick and easy installation.
- The LGS's two screws allow the adjustment to suit the outer pipe diameter.
- The sound insulation insert offers noise protection and prevents contact corrosion.
- The screw's loss protection prevents loss of the locking screws during installation.
- Connection nut with combination thread M8/M10
- The LGS is drilled on both sides of the clamp from 450 mm diameter on. This allows for connection with two threaded rods with nuts. Thereby the recommended load of the clamp can be doubled.

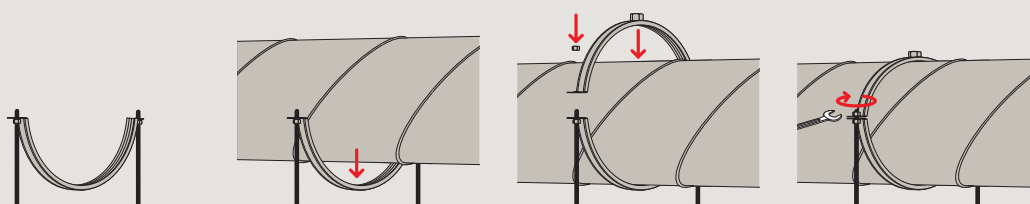
Properties

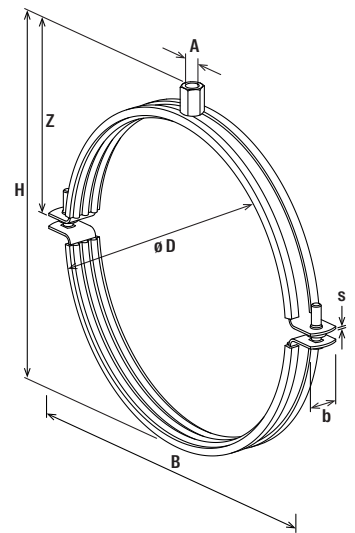
- Material: steel DC01 (material no. 1.330) acc. to DIN EN 10130
- Zinc plating: electro zinc-plated
- Connecting nut: resistance welded domed nut, M8 / M10, SW13
- Locking screw: oval head screw with combination recessed head
- Material sound insulation insert: SBR/EPDM; chlorine-free; silicone-free
- Sound insulation: for DIN 4109
- Temperature range: -50 °C to +110 °C
- Hardness: 45 ± 5° Shore A
- Fire behaviour: DIN 4102: Class B2

Installation LGS with connection nut



Installation LGS with two threaded rods (for LGS ≥ 450mm)





LGS

Technical data

		Thread	Clamping range	Height	Height	Width	Width x thickness clamp band	Locking screw	Max. recom. static load (centr. tension)	Installation torque	Sales unit
Item	Item no.	A	D [mm]	H [mm]	Z [mm]	B [mm]	b x s [mm]		[kN]	T _{inst} [Nm]	[pcs]
LGS 80	079491	M8 / M10	80	108	62	133	25 x 1.5	M6	0.60	2	25
LGS 90	079492	M8 / M10	90	118	67	143	25 x 1.5	M6	0.60	2	25
LGS 100	079493	M8 / M10	100	128	72	153	25 x 1.5	M6	0.60	2	20
LGS 112	079494	M8 / M10	112	140	78	165	25 x 1.5	M6	0.60	2	20
LGS 125	079495	M8 / M10	125	153	85	178	25 x 1.5	M6	0.60	2	10
LGS 140	079496	M8 / M10	140	168	92	193	25 x 1.5	M6	0.60	2	10
LGS 150	079497	M8 / M10	150	178	97	203	25 x 1.5	M6	0.60	2	10
LGS 160	079498	M8 / M10	160	188	102	213	25 x 1.5	M6	0.60	2	10
LGS 180	079499	M8 / M10	180	208	112	233	25 x 1.5	M6	0.60	2	10
LGS 200	079500	M8 / M10	200	228	122	253	25 x 1.5	M6	0.60	2	15
LGS 224	079501	M8 / M10	224	252	134	280	25 x 1.5	M6	0.60	2	15
LGS 250	079502	M8 / M10	250	278	147	306	25 x 1.5	M6	0.60	2	10
LGS 280	079503	M8 / M10	280	308	162	336	25 x 1.5	M6	0.60	2	10
LGS 300	079504	M8 / M10	300	328	172	356	25 x 1.5	M6	0.60	2	10
LGS 315	079505	M8 / M10	315	343	180	371	25 x 1.5	M6	0.60	2	10
LGS 355	079506	M8 / M10	355	383	200	410	25 x 1.5	M6	0.60	2	10
LGS 400	079507	M8 / M10	400	428	222	455	25 x 1.5	M6	0.60	2	10
LGS 450	024637 ¹⁾	M8 / M10	450	480	248	510	25 x 2.5	M10	0.80	5	1
LGS 500	024638 ¹⁾	M8 / M10	500	530	273	560	25 x 2.5	M10	0.80	5	1
LGS 560	024639 ¹⁾	M8 / M10	560	590	303	620	25 x 2.5	M10	0.80	5	1
LGS 600	024640 ¹⁾	M8 / M10	600	630	323	661	25 x 2.5	M10	0.80	5	1
LGS 630	542960 ¹⁾	M8 / M10	630	660	338	691	25 x 2.5	M10	0.80	5	1
LGS 710	542962 ¹⁾	M8 / M10	710	740	378	771	25 x 2.5	M10	0.80	5	1
LGS 800	024643 ¹⁾	M8 / M10	800	831	424	861	25 x 3.0	M10	0.80	5	1
LGS 900	024644 ¹⁾	M8 / M10	900	931	474	960	25 x 3.0	M10	0.80	5	1
LGS 1000	024645 ¹⁾	M8 / M10	1,000	1.031	527	1.06	25 x 3.0	M10	0.80	5	1
LGS 1.120	024646 ¹⁾	M8 / M10	1,120	1.151	584	1.183	25 x 3.0	M10	0.80	5	1
LGS 1.250	024647 ¹⁾	M8 / M10	1,250	1.281	649	1.313	25 x 3.0	M10	0.80	5	1

¹⁾ The installation with two threaded rods allows to double the given recommended loads.