

Ventilation duct clamp LGSN

LGSN without sound insulation insert

8



Support systems for ventilation



Spiral airduct on cantilever

Applications

- 2-screw-pipe clamp without sound insulation for fixing of spiral ducts.
- For use in dry interior areas.

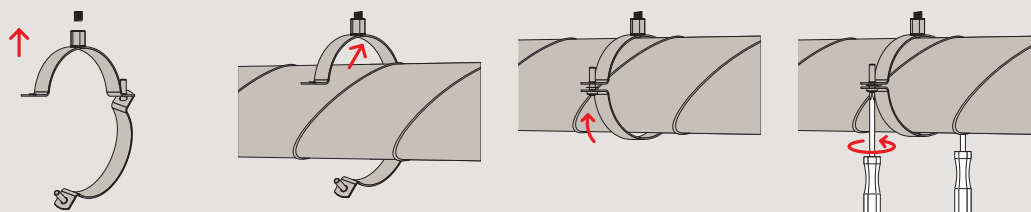
Advantages

- The large opening angle of the LGSN enables a quick and easy installation.
- The LGSN's two screws allow the adjustment to suit the outer pipe diameter.
- 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.

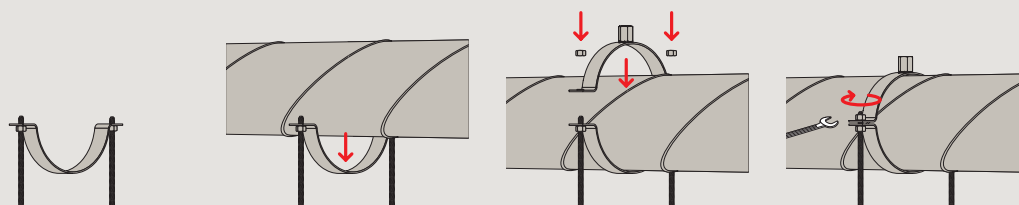
Properties

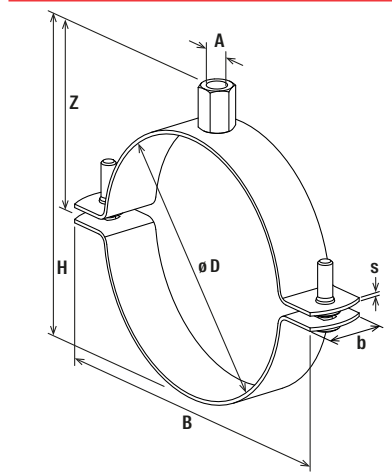
- Material: steel DC01 (material no. 1.330) according to DIN EN 10130
- Zinc plating: electro zinc-plated
- Connecting nut: resistance welded domed nut, M8 / M10, SW13
- Locking screw: cross recessed pan-head screw M6 (up to size 400), hexagon screw with nut M10 (size 450 to 1250)
- Fire behaviour: DIN 4102: Class A1

Installation LGSN with connection nut



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





LGSN

Technical data

Item	Item no.	Thread A	Clamping range D [mm]	Height H [mm]	Height Z [mm]	Width B [mm]	Width x thickness clamp band b x s [mm]	Locking screw	Max. recom. static load (centr. tension) [kN]	Installation torque T _{inst} [Nm]	Sales unit [pcs]
LGSN 80	564518	M8 / M10	80	100	59	125	25 x 1.5	M6	0.60	2	25
LGSN 90	564519	M8 / M10	90	110	64	135	25 x 1.5	M6	0.60	2	25
LGSN 100	564520	M8 / M10	100	120	69	145	25 x 1.5	M6	0.60	2	20
LGSN 112	564521	M8 / M10	112	132	75	157	25 x 1.5	M6	0.60	2	20
LGSN 125	564522	M8 / M10	125	145	81	170	25 x 1.5	M6	0.60	2	10
LGSN 140	564523	M8 / M10	140	160	89	185	25 x 1.5	M6	0.60	2	10
LGSN 150	564524	M8 / M10	150	170	94	195	25 x 1.5	M6	0.60	2	10
LGSN 160	564525	M8 / M10	160	180	99	205	25 x 1.5	M6	0.60	2	10
LGSN 180	564526	M8 / M10	180	200	109	225	25 x 1.5	M6	0.60	2	10
LGSN 200	564527	M8 / M10	200	220	119	245	25 x 1.5	M6	0.60	2	15
LGSN 224	564528	M8 / M10	224	244	131	272	25 x 1.5	M6	0.60	2	15
LGSN 250	564529	M8 / M10	250	270	144	298	25 x 1.5	M6	0.60	2	10
LGSN 280	564530	M8 / M10	280	300	159	328	25 x 1.5	M6	0.60	2	10
LGSN 300	564531	M8 / M10	300	320	169	348	25 x 1.5	M6	0.60	2	10
LGSN 315	564532	M8 / M10	315	335	176	362	25 x 1.5	M6	0.60	2	10
LGSN 355	564533	M8 / M10	355	375	196	402	25 x 1.5	M6	0.60	2	10
LGSN 400	564534	M8 / M10	400	420	219	447	25 x 1.5	M6	0.60	2	10
LGSN 450	564535 ¹⁾	M8 / M10	450	472	245	502	25 x 2.5	M10	0.80	5	1
LGSN 500	564536 ¹⁾	M8 / M10	500	522	270	552	25 x 2.5	M10	0.80	5	1
LGSN 560	564537 ¹⁾	M8 / M10	560	582	300	612	25 x 2.5	M10	0.80	5	1
LGSN 600	564538 ¹⁾	M8 / M10	600	622	320	653	25 x 2.5	M10	0.80	5	1
LGSN 630	564539 ¹⁾	M8 / M10	630	652	335	683	25 x 2.5	M10	0.80	5	1
LGSN 710	564540 ¹⁾	M8 / M10	710	732	375	763	25 x 2.5	M10	0.80	5	1
LGSN 800	564541 ¹⁾	M8 / M10	800	823	420	853	25 x 3.0	M10	0.80	5	1
LGSN 900	564542 ¹⁾	M8 / M10	900	923	470	952	25 x 3.0	M10	0.80	5	1
LGSN 1000	564543 ¹⁾	M8 / M10	1,000	1,023	520	1,052	25 x 3.0	M10	0.80	5	1
LGSN 1120	564544 ¹⁾	M8 / M10	1,120	1,143	580	1,175	25 x 3.0	M10	0.80	5	1
LGSN 1250	564545 ¹⁾	M8 / M10	1,250	1,273	645	1,305	25 x 3.0	M10	0.80	5	1

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