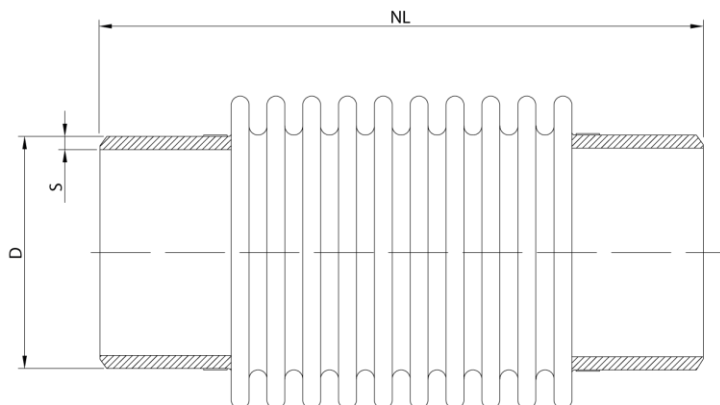


Stainless steel expansion joint, type US1S-272

Applications

US types (length 272 mm) are used in flue gas (exhaust) systems. Exhaust systems in e.g. ships are normally characterized by higher demands of temperatures, vibrations and lower pressures. Designed for general applications with low pressure and high temperatures, small vibrations and axial and lateral (small) movements.



Technical description

Bellow : AISI 321
Welding ends : Carbon Steel/ AISI 304

Connections

Welding Ends

Diameter	Type	NL	Axial	Axial	Lateral	D	S	Max.	Max.
DN		neutral length	compression	extension	deflection			pressure	pressure
mm (in)		mm	mm	Mm	mm	mm	mm	@20°C/bar	@550°C/bar
700(28)	US1S700.1.0510	272	-30	+30	1	711	6	2,5	0,5
700(28)	US1S700.1.0510S	272	-30	+30	1	711	6	2,5	0,5
800(32)	US1S800.1.0189	272	-30	+30	1	813	8	2,5	0,5
800(32)	US1S800.1.STL	272	-30	+30	1	813	8	2,5	0,5
900(36)	US1S900.1.0106	272	-30	+30	1	914	8	2,5	0,5
900(36)	US1S900.1.STL	272	-30	+30	1	914	8	2,5	0,5
1000(40)	US1S1000.1.272	272	-30	+30	1	1016	8	2,5	0,5
1000(40)	US1S1000.1.272S	272	-30	+30	1	1016	8	2,5	0,5

For combined movements, consult Amniflex BV.