

Stainless steel expansion joint, type US1S-272

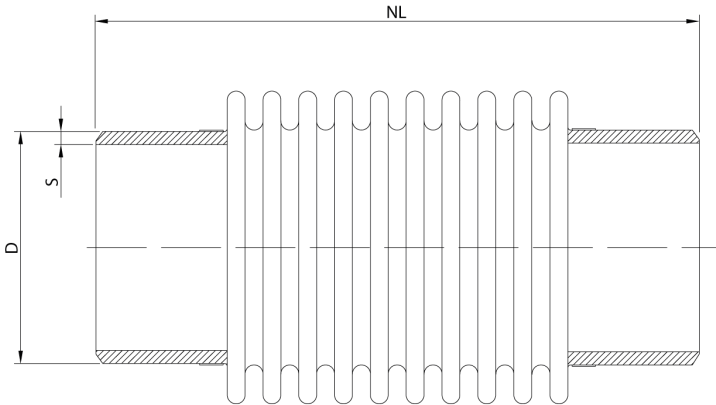
Applications

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



Diameter	Type	NL	Axial	Axial	Lateral	D	S		Max.	Max.
DN		neutral length	compression	extension	deflection			Material weld end	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	AISI 304	2,5	0,5
700(28)	US1S700,1.0510S	272	-30	+30	1	711	6	Steel 37.2	2,5	0,5
800(32)	US1S800.1.0189	272	-30	+30	1	813	8	AISI 304	2,5	0,5
800(32)	US1S800.1.STL	272	-30	+30	1	813	8	Steel 37.2	2,5	0,5
900(36)	US1S900.1.0106	272	-30	+30	1	914	8	AISI 304	2,5	0,5
900(36)	US1S900.1.STL	272	-30	+30	1	914	8	Steel 37.2	2,5	0,5
1000(40)	US1S1000.1.272	272	-30	+30	1	1016	8	AISI 304	2,5	0,5
1000(40)	US1S1000.1.272S	272	-30	+30	1	1016	8	Steel 37.2	2,5	0,5

For combined movements, consult Amnitec BV.

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