



**End fittings and hose clamps for steam hoses - type EN**



**SSC clamps**

**Shell clamps for mounting the ends to the pair**

**Material:** AISI 316 stainless steel,  
brass

**Operating pressure:** 18 bar (+210°C) - saturated steam,  
other applications: selection in contact with Tubes  
International **Operating temperature:** up to +230°C

Heavy Duty shell clamps in the economy version designed primarily for rubber steam hoses for the installation of SSF-type steam ends. Manufactured in accordance with EN 14423 (DIN 2826). Bolts and nuts in galvanised steel (for brass clamps), stainless steel (for stainless steel clamps). The clamp should be selected for the inside diameter of the hose and the thickness of the hose wall according to the nominal size of the clamp, so that the outside diameter of the hose to be mounted is within the range specified for the clamp. Assembly of the clamp (IT-40) by tightening the bolts requires the use of long auxiliary bolts.

Hose inside diameter		Nominal size (DN x hose thickness) [mm].	Hose outer diameter range [mm]	material	index	weight [kg]	drawing
[inch].	DN [mm].						
1/2"	13	13 x 4	20.5÷ 22	stainless steel AISI 316	TI-SSC-013-040-SS	0,31	
		13 x 5	22÷ 24	stainless steel AISI 316	TI-SSC-013-050-SS	0,327	
		13 x 6	24÷ 26	brass	TI-SSC-013-060-MS	0,356	
stainless steel AISI 316	TI-SSC-013-060-SS			0,336			
5/8"	16	16 x 5	25÷ 27	stainless steel AISI 316	TI-SSC-016-050-SS	0,39	
3/4"	19	19 x 5	28÷ 30	stainless steel AISI 316	TI-SSC-019-050-SS	0,432	
		19 x 6	30÷ 33	stainless steel AISI 316	TI-SSC-019-060-SS	0,441	
		19 x 7	32÷ 34	brass	TI-SSC-019-070-MS	0,492	
stainless steel AISI 316	TI-SSC-019-070-SS			0,477			
1"	25	25 x 5	34÷ 36	stainless steel AISI 316	TI-SSC-025-050-SS	0,537	
		25 x 6	36÷ 38	stainless steel AISI 316	TI-SSC-025-060-SS	0,53	
		25 x 7,5	39÷ 41	brass	TI-SSC-025-075-MS	0,621	
stainless steel AISI 316	TI-SSC-025-075-SS			0,566			
1.1/4"	32	32 x 6	43÷ 46	stainless steel AISI 316	TI-SSC-032-060-SS	0,72	
		32 x 8	47÷ 50	brass	TI-SSC-032-080-MS	0,765	
				stainless steel AISI 316	TI-SSC-032-080-SS	0,729	
1.1/2"	38	38 x 6,5	50÷ 53	stainless steel AISI 316	TI-SSC-038-065-SS	1,3	
		38 x 8	53÷ 56	brass	TI-SSC-038-080-MS	1,4	
				stainless steel AISI 316	TI-SSC-038-080-SS	1,331	
2"	50÷ 51	50 x 8	65÷ 67	stainless steel AISI 316	TI-SSC-050-080-SS	1,52	
		50 x 9	67÷ 69	brass	TI-SSC-050-090-MS	1,67	
				stainless steel AISI 316	TI-SSC-050-090-SS	1,6	

The correct installation of a shell vapour clamp begins with the precise selection of the clamp size to **the actual** outer diameter of the hose. Once assembled and the bolts tightened sufficiently, the halves of the clamp should be parallel and there should be a small amount of slack left between them to allow the bolts to be tightened after a certain period of storage or use of the hose if the rubber becomes deformed under the pressure of the clamp.

