

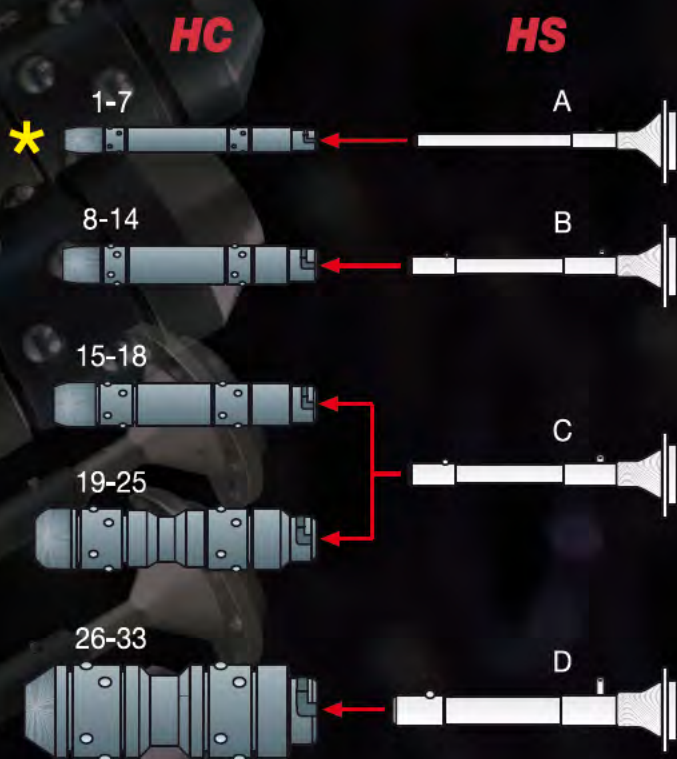
Revised



HS cartridge holding spindles and HC self-centering cartridges for Basic-S and Top-S systems.

The centering of the torch is ensured by the spindle + cartridge system.

The choice of the correct combination of HS series spindle and the HC series cartridge can be made referring to the table shown alongside by cross-referencing the inside tube diameter.



Cartridge HC	inside diameter of the tube		Spindle HS
	mm	inches	
HC- 1	10,0 ÷ 10,5	0.394 ÷ 0.413	HS-A
HC- 2	10,5 ÷ 11,0	0.413 ÷ 0.433	
HC- 3	11,0 ÷ 11,5	0.433 ÷ 0.453	
HC- 4	11,5 ÷ 12,0	0.453 ÷ 0.472	
HC- 5	12,0 ÷ 12,5	0.472 ÷ 0.492	
HC- 6	12,5 ÷ 13,0	0.492 ÷ 0.512	
* HC- 7	12,8 ÷ 14,0	0.504 ÷ 0.551	
HC- 8	13,8 ÷ 15,0	0.543 ÷ 0.590	HS-B
HC- 9	14,8 ÷ 16,0	0.583 ÷ 0.630	
HC-10	15,8 ÷ 17,0	0.622 ÷ 0.669	
HC-11	16,8 ÷ 18,0	0.661 ÷ 0.709	
HC-12	17,8 ÷ 19,0	0.701 ÷ 0.748	
HC-13	18,8 ÷ 20,5	0.740 ÷ 0.807	
HC-14	19,8 ÷ 22,5	0.779 ÷ 0.886	
HC-15	22,3 ÷ 25,0	0.878 ÷ 0.984	HS-C
HC-16	24,5 ÷ 27,0	0.965 ÷ 1.06	
HC-17	26,5 ÷ 29,0	1.043 ÷ 1.141	
HC-18	28,5 ÷ 31,0	1.122 ÷ 1.220	
HC-19	30,5 ÷ 33,0	1.201 ÷ 1.299	
HC-20	32,5 ÷ 36,0	1.279 ÷ 1.417	
HC-21	35,5 ÷ 39,0	1.398 ÷ 1.535	
HC-22	38,5 ÷ 42,0	1.516 ÷ 1.653	HS-D
HC-23	41,5 ÷ 45,0	1.634 ÷ 1.772	
HC-24	44,5 ÷ 48,0	1.752 ÷ 1.890	
HC-25	47,5 ÷ 51,0	1.870 ÷ 2.008	
HC-26	50,5 ÷ 54,0	1.988 ÷ 2.126	
HC-27	53,5 ÷ 58,0	2.106 ÷ 2.283	
HC-28	57,5 ÷ 62,0	2.264 ÷ 2.441	
HC-29	61,5 ÷ 68,0	2.421 ÷ 2.677	HS-D
HC-30	65,5 ÷ 70,0	2.579 ÷ 2.756	
HC-31	69,5 ÷ 74,0	2.736 ÷ 2.913	
HC-32	73,5 ÷ 78,0	2.894 ÷ 3.071	
HC-33	77,5 ÷ 82,0	3.051 ÷ 3.228	

* Revised

Cartridge with expandable sectors mod. HSE

Innovative self-centering system designed and manufactured by Maus Italia.

Suitable for inside diameters greater than 57 mm (2.1/4"), and especially for tube to tube sheet welding in boilers.

The particular structure in sectors allows the correct centering and a robust support of the orbital torch (applications under the head in sugar factories)

