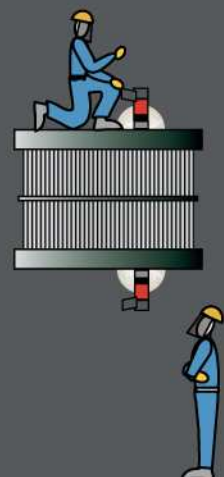
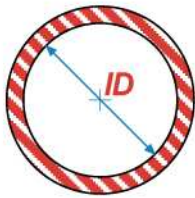


Cartridge with expandable sectors mod. **HSE**

Self-centring system particularly indicated in tube-tubesheet welding in heaters for internal diameters greater than 57 mm (2.1/4") and in vertical "negative head" applications (heat exchangers in sugar refineries) where the support of the orbital welding head is guaranteed by the expansion of the sectors





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

Select the correct combination of **HS** series spindle and **HC** series cartridge according to the internal diameter of the tube by referring to the table.



Tube range

Centring

HS cartridge holder spindles and **HC** self-centring cartridges for the tube-tubesheet **Giotto250B** TIG orbital welding head

Tube dimensions		Cartridge	Spindle
mm	ID	HC Cod.	HS Cod.
	inches		
7,7 ÷ 8,3	0.303 ÷ 0.327	HC-80	HS-MINI
8,2 ÷ 8,9	0.323 ÷ 0.350	HC-87	
8,5 ÷ 9,3	0.335 ÷ 0.366	HC-90	
8,8 ÷ 9,7	0.346 ÷ 0.381	HC-95	
9,5 ÷ 10,0	0.374 ÷ 0.394	HC-0	HS-A
10,0 ÷ 10,5	0.394 ÷ 0.413	HC-1	
10,5 ÷ 11,0	0.413 ÷ 0.433	HC-2	
11,0 ÷ 11,5	0.433 ÷ 0.453	HC-3	
11,5 ÷ 12,0	0.453 ÷ 0.472	HC-4	
12,0 ÷ 12,5	0.472 ÷ 0.492	HC-5	
12,5 ÷ 13,0	0.492 ÷ 0.512	HC-6	
12,8 ÷ 14,0	0.504 ÷ 0.551	HC-7	
13,8 ÷ 15,0	0.543 ÷ 0.590	HC-8	HS-B
14,8 ÷ 16,0	0.583 ÷ 0.630	HC-9	
15,8 ÷ 17,0	0.622 ÷ 0.669	HC-10	
16,8 ÷ 18,0	0.661 ÷ 0.709	HC-11	
17,8 ÷ 19,0	0.701 ÷ 0.748	HC-12	
18,8 ÷ 20,5	0.740 ÷ 0.807	HC-13	
19,8 ÷ 22,5	0.779 ÷ 0.886	HC-14	
22,3 ÷ 25,0	0.878 ÷ 0.984	HC-15	HS-C
24,5 ÷ 27,0	0.965 ÷ 1.06	HC-16	
26,5 ÷ 29,0	1.043 ÷ 1.141	HC-17	
28,5 ÷ 31,0	1.122 ÷ 1.220	HC-18	
30,5 ÷ 33,0	1.201 ÷ 1.299	HC-19	
32,5 ÷ 36,0	1.279 ÷ 1.417	HC-20	
35,5 ÷ 39,0	1.398 ÷ 1.535	HC-21	
38,5 ÷ 42,0	1.516 ÷ 1.653	HC-22	
41,5 ÷ 45,0	1.634 ÷ 1.772	HC-23	
44,5 ÷ 48,0	1.752 ÷ 1.890	HC-24	
47,5 ÷ 51,0	1.870 ÷ 2.008	HC-25	
50,5 ÷ 54,0	1.988 ÷ 2.126	HC-26	HS-D
53,5 ÷ 58,0	2.106 ÷ 2.283	HC-27	
57,5 ÷ 62,0	2.264 ÷ 2.441	HC-28	
61,5 ÷ 68,0	2.421 ÷ 2.677	HC-29	
65,5 ÷ 70,0	2.579 ÷ 2.756	HC-30	
69,5 ÷ 74,0	2.736 ÷ 2.913	HC-31	
73,5 ÷ 78,0	2.894 ÷ 3.071	HC-32	
77,5 ÷ 82,0	3.051 ÷ 3.228	HC-33	

STANDARD - in stock

