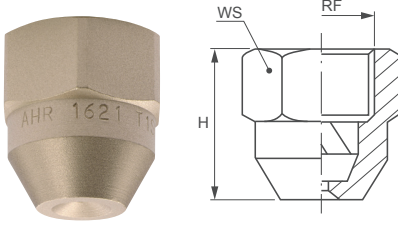


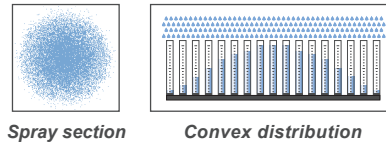
## IN-LINE FULL CONE

AH series nozzles are made of a body and a disc vane and provide a very uniform spray distribution onto the entire coverage area. AH nozzles have been widely used in continuous casting plants for many years. The special design of their vane produces a fine atomization of the liquid and highly improves its distribution.

These innovative nozzles, highly appreciated for their performance, are widely used in the steelworks industry both in Europe and America.



■ Thread specification: BSP, NPT



### Typical applications

#### Washing

- Steel cleaning
- Parts washing
- Pre-treatment in coating process

#### Cooling

- Continuous casting cooling
- Products cooling
- Tank cooling

#### Dust control

- Dust removal in mining and coal plants

#### Other applications

- Spray of chemicals
- Leak test



### DISC VANE

This innovative vane is machined with high precision. Its smooth surface reduces pressure loss and avoids turbulence. Its stabilizer acts as a hydrodynamic brake on the fluid rotating at high-speed inside the whirl chamber. Its shape splits the liquid leaving the nozzle into 6 flows. Disc vanes produce micro-droplets and even atomization.

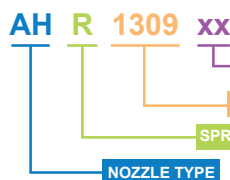
Code	RF inch	D mm	Capacity at different pressure values (l/min)					H mm	WS mm		
			1.0	2.0	3.0	4.0	5.0				
65°	1/4"	AHR 1309 xx	1.9	1.78	2.52	3.09	3.57	3.99	25.0	19	
		AHR 1362 xx	2.0	2.09	2.96	3.62	4.18	4.67			
		AHR 1409 xx	2.2	2.36	3.34	4.09	4.72	5.28			
	AHR 1517 xx	2.6	2.98	4.22	5.17	5.97	6.67	26.5	22		
	3/8"	AHR 1207 xx	1.0	1.20	1.69	2.07	2.39			2.67	
		AHR 1258 xx	1.0	1.49	2.11	2.58	2.98			3.33	
		AHR 1310 xx	1.9	1.79	2.53	3.10	3.58			4.00	
	AHR 1340 xx	2.0	1.96	2.78	3.40	3.93	4.39			36.0	27
	1/2"	AHR 1363 xx	2.1	2.10	2.96	3.63	4.19				
		AHR 1415 xx	2.2	2.40	3.39	4.15	4.79	5.36			
		AHR 1470 xx	2.5	2.71	3.84	4.70	5.43	6.07			
	AHR 1518 xx	2.6	2.99	4.23	5.18	5.98	6.69	36.0	27		
	1/2"	AHR 1621 xx	2.7	3.59	5.07	6.21	7.17			8.02	
		AHR 1780 xx	2.9	4.50	6.37	7.80	9.01			10.1	
		AHR 1828 xx	3.1	4.78	6.76	8.28	9.56	10.7			
AHR 1873 xx	3.3	5.04	7.13	8.73	10.1	11.3	36.0	27			
1/2"	AHR 2110 xx	4.2	6.35	8.98	11.0	12.7			14.2		
	AHR 2144 xx	4.2	8.31	11.8	14.4	16.6			18.6		
	AHR 2154 xx	5.0	8.89	12.6	15.4	17.8	19.9				
80°	1/4"	AHT 1309 xx	2.2	1.78	2.52	3.09	3.57	3.99	25.0	19	
		AHT 1362 xx	2.2	2.09	2.96	3.62	4.18	4.67			
		AHT 1409 xx	2.2	2.36	3.34	4.09	4.72	5.28			
	AHT 1517 xx	2.6	2.98	4.22	5.17	5.97	6.67	26.5	22		
	3/8"	AHT 1258 xx	2.0	1.49	2.11	2.58	2.98			3.33	
		AHT 1310 xx	2.0	1.79	2.53	3.10	3.58			4.00	
		AHT 1340 xx	2.0	1.96	2.78	3.40	3.93			4.39	
	AHT 1363 xx	2.1	2.10	2.96	3.63	4.19	4.69			36.0	27
	1/2"	AHT 1415 xx	2.2	2.40	3.39	4.15	4.79				
		AHT 1518 xx	2.6	2.99	4.23	5.18	5.98	6.69			
		AHT 1621 xx	2.7	3.59	5.07	6.21	7.17	8.02	36.0	27	
	1/2"	AHT 1780 xx	2.9	4.50	6.37	7.80	9.01	10.1			
		AHT 1828 xx	3.1	4.78	6.76	8.28	9.56	10.7			
		AHT 1873 xx	3.1	5.04	7.13	8.73	10.1	11.3	36.0	27	
	1/2"	AHT 2110 xx	4.2	6.35	8.98	11.0	12.7	14.2			
AHT 2144 xx		4.2	8.31	11.8	14.4	16.6	18.6				

Code	RF	D	Capacity (l/min)	H	WS
AHM 1309 xx	1/4"	2.2	1.78	25.0	19
AHM 1409 xx	1/4"	2.2	2.36	25.0	19
AHM 1517 xx	1/4"	2.6	2.98	25.0	19

**AH( FULL CONE NOZZLES / FINE MIST )**  
**Spray angle 45°**

### HOW TO MAKE UP THE NOZZLE CODE

EX.: AHR 1390 B1



- MATERIAL**
- B1 - AISI 303 Stainless steel
  - T1 - Brass
  - B31- AISI 316L Stainless steel (optional)