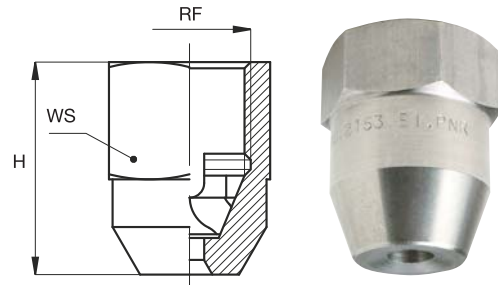


HOLLOW CONE NOZZLES

RA

IN LINE SPRAY/INSIDE VANE

RA nozzles produce a hollow cone spray pattern with the outlet orifice in line with the inlet. The carefully machined inside vane has two precision machined spiral grooves, which assists with the tangential flow principle. When low capacity nozzles are used it is recommended that the spray manifold is fitted with the correct filter and with the appropriate filter mesh size.



Materials **B31** **AISI 316L Stainless steel**
 T1 **Brass**

Code	RF inch	D mm	D1 mm	Capacity at different pressure values									lpm bar	Dimensions mm	
				0.5	0.7	1.0	2.0	3.0	5.0	7.0	10	H		WS	
80°	1/8	1.0	0.5	0.08	0.10	0.12	0.16	0.20	0.26	0.31	0.37	18	17		
				0.16	0.19	0.23	0.32	0.39	0.50	0.60	0.71				
60°	3/8	1.1	0.6	0.20	0.24	0.28	0.40	0.49	0.63	0.75	0.89	29	22		
				0.31	0.37	0.44	0.63	0.77	0.99	1.18	1.41				
				0.50	0.59	0.70	1.00	1.22	1.58	1.86	2.23				
90°	3/8	3.0	1.0	0.85	1.00	1.20	1.70	2.08	2.69	3.18	3.80	29	22		
				1.25	1.48	1.77	2.50	3.06	3.95	4.67	5.59				
				2.00	2.37	2.83	4.00	4.90	6.33	7.48	8.95				
				2.50	2.96	3.53	5.00	6.12	7.90	9.35	11.2				
				3.15	3.73	4.46	6.30	7.72	10.0	11.8	14.1				
	1/2	5.0	1.8	2.00	2.37	2.83	4.00	4.90	6.33	7.48	8.95	36	27		
					2.25	2.66	3.18	4.49	5.50	7.10	8.40			10.0	
					2.80	3.31	3.96	5.60	6.86	8.86	10.5			12.5	
					4.00	4.73	5.66	8.00	9.80	12.7	15.0			17.9	
					5.59	6.62	7.91	11.2	13.7	17.7	20.9			25.0	
	7.5	2.0	6.45	7.63	9.12	12.9	15.8	20.4	24.1	28.8					
				9.47	11.3	16.0	19.6	25.3	29.9	35.8					