

BR/BU



BT



BR



BS

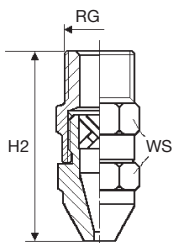
X-VANE/NARROW SPRAY ANGLES

These nozzles produce a solid cone spray with round spray pattern. Coarse water droplets are concentrated within a narrow spray angle to maximise their impact force over the surface area.

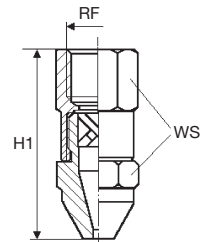
Spray angle values of 15° or 30° are available, with a choice of male or female thread connections.

The BR and BS nozzle types are manufactured in three pieces to allow for ease of disassembly and cleaning in case of clogging.

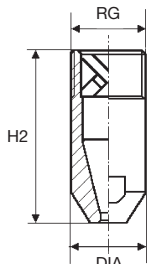
Materials
B1 AISI 303 Stainless steel
B31 AISI 316L Stainless steel on request
T1 Brass



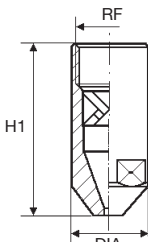
BS



BR



BT



BU

Spray angle 15°

BRB	BSB	BUB	Code	RF RG inch	D mm	Capacity at pressure					lpm bar	Dimensions mm			
						1.0	2.0	3.0	5.0	10		DIA	H1	H2	WS
•	•		1270 xx	1/8	1.6	1.56	2.20	2.70	3.50	4.90		33	35	12	
•	•		1550 xx		2.3	3.18	4.49	5.50	7.10	10.0					
•	•		2117 xx	1/4	3.2	6.75	9.60	11.7	15.1	21.4		44	44	17	
•	•		2196 xx	3/8	4.2	11.3	16.0	19.6	25.3	35.8		53	53	22	
•	•		2352 xx	1/2	5.6	20.3	28.7	35.2	45.4	64.3		72	72	24	
		•	2587 xx	3/4	7.8	33.9	47.9	58.7	75.8	107	32	72		25	
		•	3110 xx	1	10.2	63.5	89.8	110	142	201	40	92		35	
		•	3168 xx	1+1/4	12.6	97.0	137	168	217	307	48	117		40	
		•	3245 xx	1+1/2	15.1	141	200	245	316	447	60	127		52	
		•	3450 xx	2	22.0	260	367	450	581	822	80	183		70	
		•	3680 xx	2+1/2	26.0	393	555	680	878	1242	90	223		85	
		•	3980 xx	3	31.0	566	800	980	1265	1789	105	268		100	

Spray angle 30°

BRF	BSF	BTF	Code	RF RG inch	D mm	Capacity at pressure					lpm bar	Dimensions mm			
						1.0	2.0	3.0	5.0	10		DIA	H1	H2	WS
•	•		0980 xx	1/8	1.0	0.57	0.80	0.98	1.27	1.79		33	35	12	
•	•		1160 xx		1.2	0.92	1.31	1.60	2.07	2.92					
•	•		1270 xx		1.6	1.56	2.20	2.70	3.49	4.93					
•	•		1350 xx	1/4	1.8	2.02	2.86	3.50	4.52	6.39		44	44	17	
•	•		1550 xx	3/8	2.3	3.18	4.49	5.50	7.10	10.0		53	53	22	
•	•		2117 xx	1/2	3.2	6.75	9.55	11.7	15.1	21.4		72	72	24	
•	•		2195 xx	3/4	4.2	11.3	15.9	19.5	25.0	36.0		84	87	25	
		•	2270 xx	1	5.1	15.6	22.0	27.0	35.0	49.0	34		92	35	
		•	2390 xx		6.1	23.0	32.0	39.0	50.0	71.0					
		•	2590 xx	1+1/4	7.4	34.0	48.0	59.0	76.0	108	42		117	40	
		•	2780 xx		8.6	45.0	64.0	78.0	101	142					
		•	2980 xx	1+1/2	9.6	57.0	80.0	98.0	127	179	48		127	52	
		•	3117 xx		10.5	68.0	96.0	117	151	214					
		•	3137 xx	2	11.1	79.0	112	137	177	250	60		200	55	
		•	3156 xx		11.9	90.0	127	156	201	285					
		•	3195 xx		13.5	113	159	195	252	356					
		•	3235 xx	2+1/2	14.7	136	192	235	303	429	70		254	60	
		•	3275 xx		15.9	159	224	275	355	502					
		•	3390 xx		19.1	225	318	390	503	712					
		•	3430 xx		19.8	248	351	430	555	785					
		•	3470 xx		20.6	271	384	470	606	857					

Common Applications

- Washing and cooling inside pipes washing of products
- Agitating liquids inside tanks and vats.
- Venturi scrubbers