

## FULL CONE NOZZLES

### BR/BU



BT



BR



BS

#### X-VANE/NARROW SPRAY ANGLES

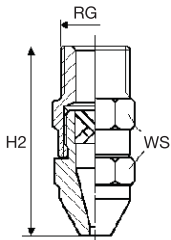
These nozzles produce a solid cone spray with round spray pattern. Coarse water droplets are concentrated within a narrow spray angle to maximise their impact force over the surface area.

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

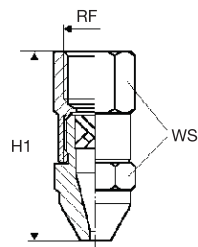
The BR and BS nozzle types are manufactured in three pieces to allow for ease of disassembly and cleaning in case of clogging.

#### Materials

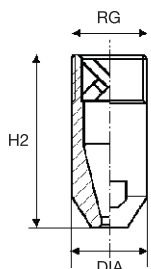
B1	AISI 303 Stainless steel
B31	AISI 316L Stainless steel on request
T1	Brass



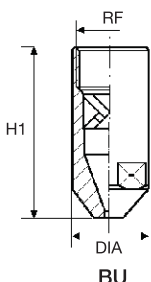
BS



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