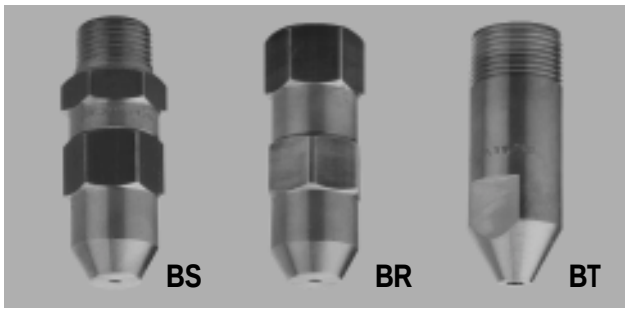
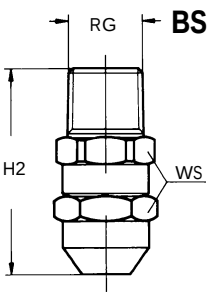
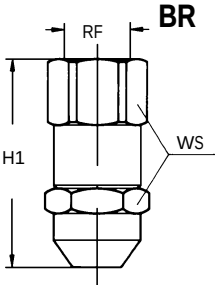
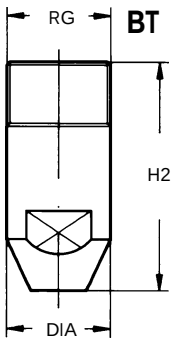
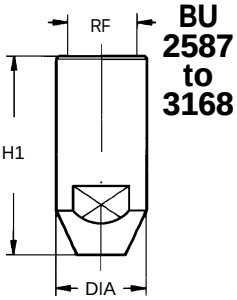
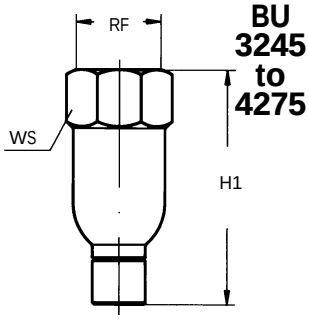
This family of nozzles produces a full-cone spray with angles of 15° or 30°, and includes both two-piece and three-piece construction.

They can be used in applications where a full-cone spray with large drops and high impact is required.

Connection: BR and BU (female thread)
BS and BT (male thread)

Materials: Brass (T1)
303 stainless steel (B1)
316 stainless steel (B3) on request



Nozzle code (BRB / BSB / BUB)	RF/RG	D	Flow rates (gpm) at various pressures (psi)										Spray angle			Dimensions			
			10	20	30	40	60	80	100	150	200	300	10 psi	40 psi	100 psi	H1	H2	WS	DIA
● ●	**1270xxSN**	1/8"	0.062	0.34	0.49	0.60	0.69	0.84	0.97	1.09	1.33	1.54	1.89	13	15	15	13/8"	119/64"	9/16"	
● ●	**1550xxSN**		0.091	0.7	1.0	1.2	1.4	1.7	2.0	2.2	2.7	3.1	3.8	13	15	15				
● ●	**2117xxSN**	1/4"	0.126	1.5	2.1	2.6	3.0	3.7	4.2	4.7	5.8	6.7	8.2	13	15	15	111/16"	125/32"	3/4"	
● ●	**2196xxSN**	3/8"	0.173	2.5	3.5	4.3	5.0	6.1	7.1	7.9	9.7	11.2	13.7	13	15	15	21/8"	213/64"	1"	
● ●	**2352xxSN**	1/2"	0.220	4.5	6.4	7.8	9.0	11.0	12.7	14.2	17.4	20.1	24.6	13	15	15	241/64"	249/64"	19/32"	
●	**2587xxSN**	3/4"	0.295	7.5	10.6	13.0	15.0	18.4	21.2	23.7	29.0	33.5	41.0	13	15	15	227/32"			19/32"
●	**3110xxSN**	1"	0.390	14.0	19.9	24.3	28.1	34.4	39.7	44.4	54.4	62.8	76.9	13	15	15	35/8"			119/32"
●	**3168xxSN**	1 1/4"	0.484	21.4	30.3	37.1	42.9	52.5	60.6	67.8	83.0	95.9	117	14	15	15	439/64"			157/64"
●	**3245xxSN**	1 1/2"	0.594	31.3	44.2	54.2	62.5	76.6	88.4	98.9	121	140	171	14	15	15	5"		23/8"	
●	**3450xxSN**	2"	0.795	57.4	81.2	99.5	115	141	162	182	222	257	315	14	15	15	77/32"		225/32"	
●	**3680xxSN**	2 1/2"	0.968	87	123	150	174	213	245	274	336	388	475	14	15	15	93/16"		311/32"	
●	**3980xxSN**	3"	1.157	125	177	217	250	306	354	396	484	559	685	14	15	15	109/16"		45/32"	
●	**4175xxSN**	4"	1.563	223	316	387	447	547	632	706	865	999	1223	14	15	15	115/16"		517/32"	
●	**4275xxSN**	5"	1.921	351	496	608	702	860	993	1110	1359	1570	1922	14	15	15	1615/16"		511/16"	

Nozzle code (BRF / BSF / BTF)	RF/RG	D	Flow rates (gpm) at various pressures (psi)										Spray angle			Dimensions			
			10	20	30	40	60	80	100	150	200	300	10 psi	40 psi	100 psi	H1	H2	WS	DIA
● ●	**0980xxSN**	1/8"	0.038	0.13	0.18	0.22	0.25	0.31	0.35	0.40	0.48	0.56	0.69	17	30	32	13/8"	119/64"	9/16"	
● ●	**1160xxSN**		0.047	0.20	0.29	0.35	0.41	0.50	0.58	0.65	0.79	0.91	1.1	26	30	32				
● ●	**1270xxSN**		0.063	0.34	0.49	0.60	0.69	0.84	0.97	1.1	1.3	1.5	1.9	23	30	30				
● ●	**1350xxSN**	1/4"	0.071	0.45	0.63	0.77	0.89	1.1	1.3	1.4	1.7	2.0	2.4	23	30	30	111/16"	125/32"	3/4"	
● ●	**1550xxSN**	3/8"	0.091	0.70	0.99	1.2	1.4	1.7	2.0	2.2	2.7	3.1	3.8	25	30	30	21/8"	213/64"	1"	
● ●	**2117xxSN**	1/2"	0.126	1.5	2.1	2.6	3.0	3.7	4.2	4.7	5.8	6.7	8.2	26	30	31	241/64"	249/64"	19/32"	
● ●	**2195xxSN**	3/4"	0.165	2.5	3.5	4.3	5.0	6.1	7.0	7.9	9.6	11.1	13.6	26	30	31	35/16"	37/16"	19/32"	
●	**2270xxSN**	1"	0.201	3.4	4.9	6.0	6.9	8.4	9.7	10.9	13.3	15.4	18.9	27	30	30		35/8"		111/32"
●	**2390xxSN**		0.240	5.0	7.0	8.6	10.0	12.2	14.1	15.7	19.3	22.3	27.3	27	30	30				
●	**2590xxSN**	1 1/4"	0.291	7.5	10.6	13.0	15.1	18.4	21.3	23.8	29.2	33.7	41.2	27	30	30		5"		111/32"
●	**2780xxSN**		0.338	10.0	14.1	17.2	19.9	24.4	28.2	31.5	38.6	44.5	54.5	27	30	30				
●	**2980xxSN**	1 1/2"	0.378	12.5	17.7	21.7	25.0	30.6	35.4	39.6	48.4	55.9	68.5	27	30	30		67/64"		157/64"
●	**3117xxSN**		0.413	14.9	21.1	25.9	29.9	36.6	42.2	47.2	57.8	66.8	81.8	27	30	30				
●	**3137xxSN**	2"	0.437	17.5	24.7	30.3	35.0	42.8	49.5	55.3	67.7	78.2	95.8	28	30	30		77/8"		23/8"
●	**3156xxSN**		0.468	19.9	28.2	34.5	39.8	48.8	56.3	63.0	77.1	89.0	109	28	30	30				
●	**3195xxSN**		0.513	24.9	35.2	43.1	49.8	61.0	70.4	78.7	96.4	111	136	28	30	30				
●	**3235xxSN**	2 1/2"	0.579	30.0	42.4	51.9	60.0	73.5	84.8	94.8	116	134	164	28	30	30		10"		225/32"
●	**3275xxSN**		0.626	35.1	49.6	60.8	70.2	86.0	99.3	111	136	157	192	28	30	30				
●	**3390xxSN**		0.752	49.8	70.4	86.2	99.5	122	141	157	193	223	273	28	30	30				
●	**3430xxSN**		0.779	54.9	77.6	95.1	110	134	155	174	213	245	301	28	30	30				
●	**3470xxSN**		0.811	60.0	84.8	104	120	147	170	190	232	268	329	28	30	30