

Liquid throughput

Characteristics

Nozzle body G with inlet cone and long, cylindrical bore, as well as screwed-in outlet protection.
High spray intensity with maximum force of impact.
Point-shaped solid stream with defined spray length.

Application

Cleaning
Mixing
Marking
Shifting of
bath liquids

Material

Brass
Steel
Stainless steel
Plastic
Other materials
on request



Solid stream resp. smooth jet

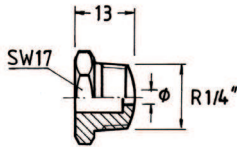
Thread R DIN 2999	Dimensions (mm)		
	L	L1	SW
R 1/8"	17,5	7	10
R 1/4"	22	10,0	14
R 3/8"	25	10,0	17
R 1/2"	32	13,0	22
G 3/4"	38	15,0	30
G 1"	50	17,0	36

G = DIN 228

Plastic nozzles can feature other SWs.

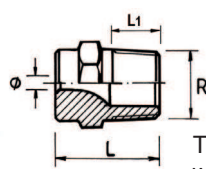
Other types (on request):

Illu. 3



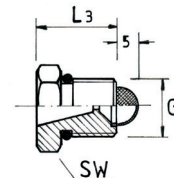
Type **GS**

Illu. 4



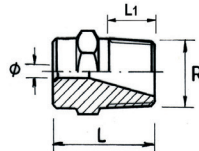
Type **GG**
with special inlet cone

Illu. 5



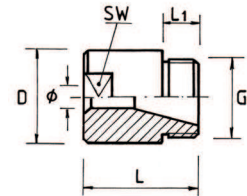
Type **GB**

Illu. 1



Up to type R 1/2"

Illu. 2



Starting from type G 3/4"

Flow rate for water at 20°

Order example: (thread - type - material) R 1/4" - G 1.8 - VA

Male thread R or G						Type bore-Ø (mm)	Flow rate \dot{V} (l/min.) at pressure p (bar)										
R DIN 2999		G ISO 228					0.5	1	2	3	5	7	10	15	20	30	50
1/8"	1/4"	3/8"	1/2"	3/4"	1"	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	
*	*					G 0.5	0.11	0.16	0.23	0.28	0.36	0.43	0.51	0.63	0.72	0.88	1.14
*	*					G 0.8	0.29	0.41	0.58	0.71	0.92	1.08	1.29	1.58	1.83	2.24	2.90
*	*					G 1.0	0.45	0.63	0.90	1.10	1.42	1.68	2.00	2.46	2.84	3.48	4.50
*	*					G 1.2	0.65	0.92	1.31	1.60	2.07	2.44	2.92	3.58	4.12	5.05	6.50
*	*					G 1.5	1.02	1.44	2.04	2.50	3.23	3.82	4.56	5.60	6.45	7.90	10.2
*	*	*				G 1.8	1.45	2.01	2.94	3.60	4.65	5.50	6.65	8.00	9.30	11.4	14.7
*	*	*				G 2.0	1.80	2.54	3.60	4.40	5.68	6.72	8.05	9.85	11.4	14.0	18.1
	*	*				G 2.5	2.82	3.98	5.63	6.90	8.91	10.5	12.6	15.4	17.8	21.8	28.2
	*	*				G 3.0	4.08	5.77	8.16	10.0	12.9	15.3	18.3	22.4	25.8	31.6	41.0
	*	*	*			G 3.5	5.51	7.79	11.0	13.5	17.4	20.6	24.6	30.2	35.2	42.6	55.0
	*	*	*			G 4.0	7.22	10.2	14.4	17.7	22.9	27.0	32.4	39.6	45.6	56.0	72.0
	*	*	*			G 4.5	9.18	13.0	18.4	22.5	29.1	34.4	41.0	50.0	58.0	71.0	92.0
		*	*			G 5.0	11.3	16.0	22.6	27.7	35.8	42.3	51.0	62.0	71.0	88.0	114
		*	*			G 5.5	13.7	19.3	27.3	33.5	43.2	51.2	61.0	75.0	86.0	106	137
		*	*	*		G 6.0	16.3	23.1	32.6	40.0	51.6	61.1	73.0	90.0	103	123	158
		*	*	*		G 7.0	22.0	31.2	44.1	54.0	69.7	82.5	98.0	121	139	170	220
			*	*		G 8.0	29.0	41.0	57.9	71.0	91.7	108	129	158	183	224	290
			*	*		G 9.0	36.7	51.9	73.4	90.0	116	137	165	201	232	285	368
			*	*	*	G 10	45.3	64.0	90.6	111	143	170	200	246	282	348	450
			*	*	*	G 11	54.7	77.3	109	134	173	205	245	300	346	425	550
			*	*	*	G 12	64.9	91.7	130	159	205	243	290	355	410	500	650
				*	*	G 13	76.3	108	153	187	241	286	340	418	480	590	760
				*	*	G 14	88.5	125	177	217	280	331	396	485	560	685	885
				*	*	G 15	102	144	204	250	323	382	455	560	645	790	1,020
				*	*	G 16	116	164	232	284	367	434	520	635	730	900	1,150
				*	*	G 17	131	185	261	320	413	489	585	715	825	1,010	1,310
				*	*	G 18	147	208	294	360	465	550	655	800	930	1,140	1,470
					*	G 19	163	231	326	400	516	611	730	890	1,030	1,260	1,630
					*	G 20	181	256	361	443	572	676	810	990	1,140	1,400	1,810
					*	G 21	199	282	398	488	630	745	890	1,090	1,260	1,540	1,990
					*	G 22	218	309	437	535	691	817	975	1,190	1,380	1,690	2,280
					*	G 23	239	338	477	585	755	893	1,070	1,300	1,500	1,850	2,400
					*	G 24	261	369	522	640	826	977	1,170	1,430	1,650	2,020	2,600
					*	G 25	282	398	563	690	891	1,054	1,260	1,540	1,780	2,180	2,800