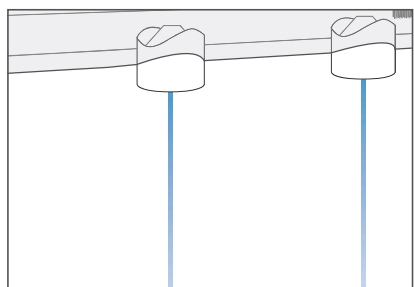


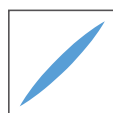
# ( FLAT FAN NOZZLES / DISC NOZZLES ) GE

## FLAT FAN NOZZLES / DISC NOZZLES

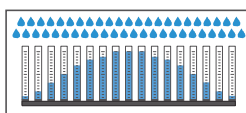
In GE series disc nozzles with thickness 1.2 mm the spray jet is close to the turbulence structure and this special design makes them very easy to clean. Within the delivery pipe these nozzles are assembled to a steel brush, that can be manually or automatically rotated, which takes off all the dirt washed out by water and then flushed out through a release valve positioned at the end of the pipe. Disc nozzles, with their special low profile design, can be easily removed for cleaning so they reduce maintenance times and costs and improve the plant efficiency.



**TYPICAL APPLICATIONS**  
Washing or spraying in pulp and paper mills, mesh fabrics cleaning, water treatment systems, screen and filter (felt and wire) washing and more.



Spray section



Convex distribution

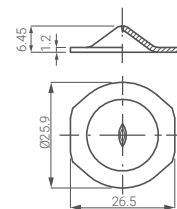


DISC NOZZLE

ANGLE	CODE	D1 mm	Capacity at different pressure values (l/min) (bar)					
			3.0	4.0	6.0	10	15	20
60°	GEQ 0900 xx	1.0	<b>0.90</b>	1.04	1.27	1.64	2.01	2.32
	GEQ 1170 xx	1.5	<b>1.70</b>	1.96	2.40	3.10	3.80	4.39
	GEQ 1234 xx	1.7	<b>2.34</b>	2.70	3.31	4.27	5.23	6.04
	GEQ 1310 xx	2.0	<b>3.10</b>	3.58	4.38	5.66	6.93	8.00
	GEQ 1490 xx	2.5	<b>4.90</b>	5.66	6.93	8.95	11.0	12.7
	GEQ 1780 xx	3.0	<b>7.80</b>	9.01	11.0	14.2	17.4	20.1
	GEQ 2124 xx	4.0	<b>12.4</b>	14.3	17.5	22.6	27.7	32.0
	GEQ 2194 xx	5.0	<b>19.4</b>	22.4	27.4	35.4	43.4	50.1
GEQ 2310 xx	7.0	<b>23.0</b>	26.6	32.5	42.0	51.4	59.4	
75°	GES 0900 xx	1.0	<b>0.90</b>	1.04	1.27	1.64	2.01	2.32
	GES 1170 xx	1.5	<b>1.70</b>	1.96	2.40	3.10	3.80	4.39
	GES 1234 xx	1.7	<b>2.34</b>	2.70	3.31	4.27	5.23	6.04
	GES 1310 xx	2.0	<b>3.10</b>	3.58	4.38	5.66	6.93	8.00
	GES 1490 xx	2.5	<b>4.90</b>	5.66	6.93	8.95	11.0	12.7
	GES 1780 xx	3.0	<b>7.80</b>	9.01	11.0	14.2	17.4	20.1
	GES 2124 xx	4.0	<b>12.4</b>	14.3	17.5	22.6	27.7	32.0
	GES 2194 xx	5.0	<b>19.4</b>	22.4	27.4	35.4	43.4	50.1
GES 2310 xx	7.0	<b>23.0</b>	26.6	32.5	42.0	51.4	59.4	

### FLAT FAN NOZZLES

HOW TO MAKE UP THE NOZZLE CODE Ex.: GES 1310 C7MV



Flat fan nozzle - US  
GES 1310 C7SV

**GE** **S** **1310** **XX**

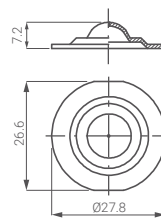
- NOZZLE TYPE**: • Q - 60°  
• S - 75°
- SPRAY ANGLE**
- CAPACITY**
- MATERIAL**: • C7SV - AISI 316Ti Stainless steel

### GEA SERIAL STRAIGHT NOZZLES

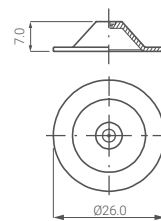
D mm	Nozzle type		CODE	Capacity at different pressure values (l/min) (bar)					
	Stainless steel	Ruby insert		3.0	4.0	6.0	10	15	20
0.55	•	•	<b>0300</b>	<b>0.30</b>	0.35	0.42	0.55	0.67	0.77
0.38	•	•	<b>0380</b>	<b>0.12</b>	0.14	0.17	0.22	0.27	0.31
0.80	•	•	<b>0500</b>	<b>0.50</b>	0.58	0.71	0.91	1.12	1.29
0.63	•	•	<b>0630</b>	<b>0.34</b>	0.39	0.48	0.62	0.76	0.88
0.81	•	•	<b>0810</b>	<b>0.50</b>	0.58	0.71	0.91	1.12	1.29
1.00	•	•	<b>0900</b>	<b>0.90</b>	1.04	1.27	1.64	2.01	2.32
0.91	•	•	<b>0910</b>	<b>0.70</b>	0.81	0.99	1.28	1.57	1.81
1.02	•	•	<b>1010</b>	<b>0.88</b>	1.02	1.24	1.61	1.97	2.27
1.20	•	•	<b>1130</b>	<b>1.30</b>	1.50	1.84	2.37	2.91	3.36
1.30	•	•	<b>1170</b>	<b>1.70</b>	1.96	2.40	3.10	3.80	4.39
1.19	•	•	<b>1200</b>	<b>1.03</b>	1.19	1.46	1.88	2.30	2.66
2.00	•	•	<b>1310</b>	<b>3.10</b>	3.58	4.38	5.66	6.93	8.00

### STRAIGHT JET NOZZLES

HOW TO MAKE UP THE NOZZLE CODE Ex.: GEA 0900 C7S



Metal  
GEA 0900 C7S



Ruby nozzle tip  
GEA 0900 F31

**GE** **A** **0900** **XX**

- NOZZLE TYPE**: • A - 0°
- SPRAY ANGLE**
- CAPACITY**
- MATERIAL**: • C7S - AISI 316Ti Stainless steel  
• F30 - Ruby insert, 303 body  
• F31 - Ruby insert, 316L body

