

## Static solid stream nozzles in welded sheet metal design

### Characteristics

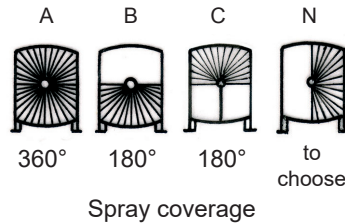
Low-pressure spray balls 1.0 -2.5 bar,  
Thread connection,  
Ball-Ø from 28 to 120 mm,  
Spray coverage from 180° to 360°,  
High trajectory length (up to 7 m),  
Self-cleaning, special layout of bores guarantees for no fluid leftovers in spray head.

### Application

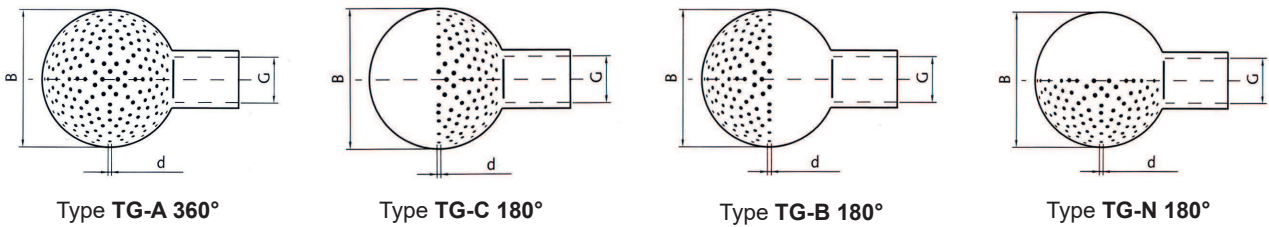
Barrel cleaning  
Container cleaning  
Mixer cleaning  
Agitator cleaning

### Material

Stainless steel  
1.4404



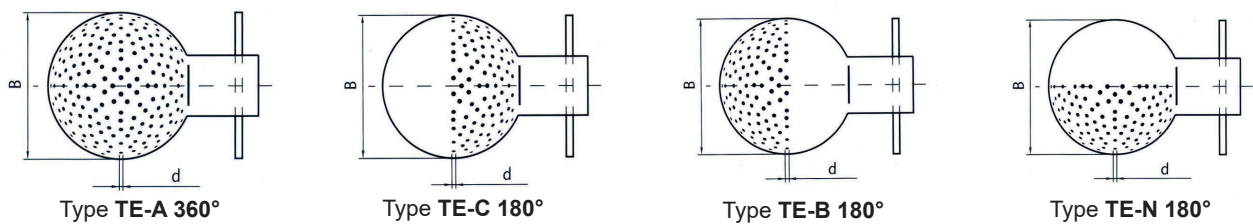
### With threaded connection



Order example: (type - size - spray coverage) TG 2 - A

Type	Ball-Ø B	Thread	Bore-Ø (mm) d	Flow rate $\dot{V}$ (l/min.) at pressure p (bar), spray coverage and trajectory length W (in m)											
				A			B			C			N		
				1 bar	2 bar	W (m)	1 bar	2 bar	W (m)	1 bar	2 bar	W (m)	1 bar	2 bar	W (m)
TG 1	28	1/4"	1.3	30	42	1	20	28	1.6	23	33	2.2	38	54	2.3
TG 2	50	1/2"	1.6	90	126	2.4	50	70	3.0	51	73	3.2	55	77	3.6
TG 3	65	3/4"	2.5	220	310	1.3	145	204	2.2	153	216	2.5	156	216	2.5
TG 4	90	1 1/4"	2.5	496	700	3.1	212	298	2.5	265	373	3.4	265	373	3.1

### With splint connection



Type	Ball-Ø B	Connection	Bore-Ø (mm) d	Flow rate $\dot{V}$ (l/min.) at pressure p (bar), spray coverage and trajectory length W (in m)											
				A			B			C			N		
				1 bar	2 bar	W (m)	1 bar	2 bar	W (m)	1 bar	2 bar	W (m)	1 bar	2 bar	W (m)
TE 2	40	22/20	1.6	61	86	4.7	38	54	5.5	61	86	5.5	40	46	6.1
TE 3	50	22/20	1.6	91	129	2.5	56	80	3.8	91	129	3.8	58	82	4.1
TE 4	50	28/26	1.6	120	169	2.2	78	110	3.6	120	169	3.6	75	106	3.3
TE 5	65	28/26	2.5	261	369	1.8	170	240	3.0	175	246	3.2	168	237	2.9
TE 6	65	32/30	2.5	298	420	2.3	135	190	2.5	175	246	3.2	168	237	3
TE 7	65	38/36	2.5	305	430	3	135	190	2.4	193	273	4.5	173	244	3.9
TE 8	90	38/36	2.5	403	568	2	223	314	2.4	265	373	3.4	236	333	2.8
TE 9	120	60/53	2.0	316	446	2	170	340	2.3	148	205	1.7	166	235	2.2