

# Static spray balls

## Series 540/541

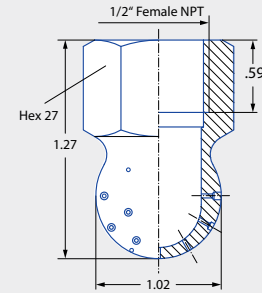


### Features:

- Robust and particularly compact design
- Threaded connection
- Suitable for very high temperatures
- Also suitable for operation with steam and air



Series 540/541



Female thread

Max. tank diameter [ft]	0	5	10	15	20	25	30
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### Technical data:



**Maximum operating temperature**  
392 °F



**Maximum ambient temperature**  
482 °F



**Installation**  
Operation in every installation position



**Bearing**  
Static – no bearing



**Material**  
Stainless steel  
1.4305 (303)



**Weight**  
.20–.22 lbs



**Surface quality**  
≤ 6.3 µm



**Surface quality**  
≤ 6.3 µm



**Steam suitability**  
Suitable




**Insertion diameter**  
1.22 in



**Recommended filter**  
Smaller than the narrowest cross-section



**Recommended operating pressure**  
45 psi

Spray angle	Ordering number		Narrowest free cross section Ø [in]	V̇ water [gal/min]									Max. tank diameter [ft]
	Type	Connection		p [psi] (p <sub>max</sub> = 145 psi)									
		1/2" Female NPT											
		10		20	30	40	45	Liters per min. 3 bar	60	80	100		
240° 	540.909.16	BH	0.031	2.78	3.94	4.83	5.57	5.91	22	6.82	7.88	8.81	21
	540.989.16	BH	0.039	4.30	6.09	7.46	8.61	9.13	34	10.55	12.18	13.61	23
	541.109.16	BH	0.059	8.86	12.54	15.35	17.73	18.81	70	21.71	25.07	28.03	25
	541.189.16	BH	0.079	13.93	19.70	24.13	27.86	29.55	110	34.12	39.40	44.05	27
	541.239.16	BH	0.091	18.36	25.97	31.81	36.72	38.95	145	44.98	51.94	58.07	31

BSPP thread available on request.

The maximum tank diameter applies to the recommended operating pressure and is meant as a recommendation only.  
The cleaning result is also affected by the type of soiling.