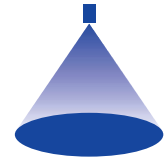


Full cone nozzle Injector narrow angle nozzle Series 452



Features:

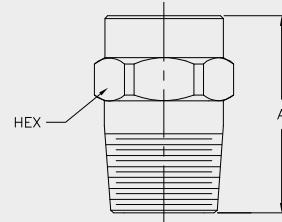
- Narrow spray angle
- High impact

Applications:

- Cleaning and washing processes
- Surface spraying



Series 452



G (Male NPT)	Dimensions [in]		Weight [lb.]
	A	Hex (mm)	
1/4	1.81	18	0.16
3/8	2.31	24	0.20

Spray angle	Type	Ordering number		Connection		V̇ water [gal/min]								Spray diameter D [in] (at p = 30 psi)
		Material No.				P [psi]								
		16	30	1/4 NPT	3/8 NPT	10	20	30	Liters per min.	40	60	80	100	
		303 stainless steel	Brass						2 bar					
15°	452.661	●	●	BC	-	0.74	0.98	1.15	4.30	1.29	1.52	1.70	1.86	2
	452.791	●	●	BC	-	1.59	2.09	2.46	9.20	2.76	3.25	3.65	3.99	2
	452.881	●	●	-	BE	2.64	3.48	4.10	15.30	4.60	5.41	6.06	6.63	2
30°	452.442	●	●	BC	-	0.22	0.29	0.34	1.27	0.38	0.45	0.50	0.55	5
	452.542	●	●	BC	-	0.37	0.49	0.58	2.15	0.65	0.76	0.85	0.93	5
	452.502	●	●	BC	-	0.55	0.72	0.85	3.16	0.95	1.12	1.25	1.37	5
	452.672	●	●	-	BE	0.83	1.10	1.29	4.83	1.45	1.71	1.91	2.09	5

Conversion formula for this series: $\dot{V}_2 = \dot{V}_1 \cdot \left(\frac{p_2}{p_1}\right)^{0.4}$
(≤ 10 bar)

Ordering Type + Material no. + Connection = Ordering no.
example: 452.661 + 16 + BC = 452.661.16.BC