

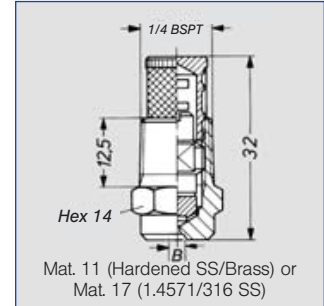
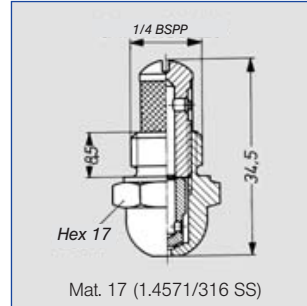
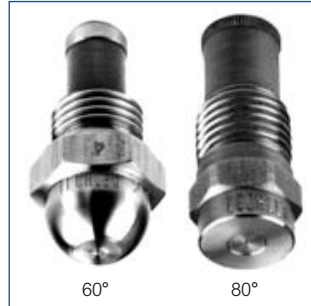
Axial-flow hollow cone nozzles

Series 212



Extremely fine, fog-like hollow cone spray.

Applications:
Disinfection, humidification of air, spraying over germinating boxes, product humidification, humidification of textiles, spraying of oil, absorption.



Spray angle	Ordering no.					B Ø [mm]	E Ø [mm]	ṽ [l/min]						Spray diameter D at p = 7 bar	
	Type	Mat. no.		Code				p [bar]						Diagram	
		11 1.4104/Brass	17 1.4571/316 SS	AC	CC			1/4 BSPP	1/4 BSPT	2,0	3,0	5,0	7,0	10,0	20,0
60°	212. 004	-	○	AC	-	0,10	0,10	-	-	0,013	0,015	0,018	0,025	80	120
	212. 014	-	○	AC	-	0,15	0,15	-	-	0,019	0,023	0,027	0,039	80	120
	212. 054	-	○	AC	-	0,20	0,15	-	-	0,027	0,033	0,039	0,057	80	120
80°	212. 085	○	-	-	CC	0,25	0,25	-	-	0,040	0,047	0,057	0,080	140	220
	212. 125	○*	○**	AC	CC	0,35	0,25	-	0,048	0,062	0,073	0,088	0,124	140	220
	212. 145	○	-	-	CC	0,40	0,30	-	0,063	0,082	0,097	0,116	0,164	140	220
	212. 165	○	-	-	CC	0,45	0,30	-	0,080	0,103	0,122	0,146	0,206	140	220
	212. 185	○	-	-	CC	0,50	0,35	-	0,101	0,130	0,154	0,184	0,260	140	220
	212. 205	○	-	-	CC	0,60	0,30	0,107	0,131	0,168	0,199	0,238	0,336	140	220
	212. 245	○	-	-	CC	0,70	0,45	0,166	0,202	0,261	0,310	0,370	0,522	140	220
	212. 285	○	○	AC	CC	0,90	0,60	0,262	0,320	0,390	0,460	0,550	0,770	140	220

B = bore diameter · E = narrowest free cross section

* Only available with code CC

** Only available with code AC

The integrated strainer avoids clogging of the nozzle and increases its service life.

Example	Type	+	Material no.	+	Code	=	Ordering no.
for Ordering:	212. 004	+	17	+	AC	=	212. 004. 17. AC

The folded page at the end of the catalogue will give you a survey on the various assembly possibilities. For complete assembly accessories, please refer to „Accessories“.

Materials			
Material no.	Nozzle	Strainer holder	Strainer
11	1.404 (hardened SS)	Brass	Monel
17	1.4571/316 SS	1.4571/316 SS	1.4571/316 SS

Conversion formula for the above series: $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

