





Flat fan nozzles with ball joint Series 676



Spray angle 	Ordering no.		A Ø [mm]	E Ø [mm]	V [l/min]						Spray width B at p=2 bar 			
	Type	Mat. no.			p [bar] (p _{max} = 30 bar)						H = 250 mm	H = 500 mm		
		16			30	0.5	1.0	2.0	3.0	5.0			10.0	
		303 SS	Brass											
75°	676.145	○	○	0.20	0.12	-	0.04*	0.05	0.06	0.08	0.11	280	550	
	676.165	○	○	0.20	0.08	-	0.05*	0.07	0.08	0.10	0.15	290	560	
	676.185	○	○	0.20	0.15	-	0.06*	0.08	0.10	0.13	0.18	300	575	
	676.215	○	○	0.40	0.20	-	0.08*	0.11	0.14	0.18	0.25	300	580	
	676.245	○	○	0.50	0.30	-	0.12*	0.16	0.20	0.26	0.30	310	585	
	676.275	○	○	0.60	0.30	0.11*	0.16*	0.22	0.27	0.35	0.49	310	590	
90°	676.216	○	○	0.40	0.20	-	0.08*	0.11	0.14	0.18	0.25	370	700	
	676.276	○	○	0.60	0.30	0.11*	0.16*	0.22	0.27	0.35	0.49	375	720	
	676.306	○	○	0.70	0.40	0.16*	0.23*	0.32	0.39	0.51	0.72	380	740	
	676.336	○	○	0.90	0.50	0.22*	0.32*	0.45	0.55	0.71	1.01	415	800	
	676.366	○	○	1.00	0.50	0.31*	0.44*	0.63	0.77	1.00	1.40	420	810	
	676.406	○	○	1.20	0.70	0.50*	0.71	1.00	1.23	1.58	2.24	430	820	
	676.446	○	○	1.35	0.80	0.62*	0.88	1.25	1.53	1.98	2.80	435	830	
	676.486	○	○	1.50	0.80	0.80*	1.13	1.60	1.96	2.53	3.58	440	835	
	676.516	○	○	1.65	0.90	0.95*	1.34	1.90	2.33	3.00	4.25	440	840	
	676.566	○	○	2.00	1.10	1.25	1.77	2.50	3.06	3.95	5.59	445	850	
	676.606	○	○	2.20	1.20	1.58	2.23	3.15	3.86	4.98	7.04	450	860	
	676.646	○	○	2.50	1.30	2.00	2.83	4.00	4.90	6.33	8.94	455	865	
	676.676	○	○	2.70	1.40	2.38	3.36	4.75	5.82	7.51	10.62	465	875	
	676.726	○	○	3.00	1.70	3.15	4.46	6.30	7.72	9.96	14.09	470	885	
120°	676.187	○	○	0.35	0.20	-	0.06*	0.08	0.10	0.13	0.18	630	1200	
	676.217	○	○	0.40	0.20	-	0.08*	0.11	0.14	0.18	0.25	640	1210	
	676.247	○	○	0.50	0.20	-	0.12*	0.16	0.20	0.26	0.36	650	1230	
	676.277	○	○	0.60	0.30	-	0.16*	0.22	0.27	0.35	0.49	660	1250	
	676.307	○	○	0.70	0.30	0.16*	0.23*	0.32	0.39	0.51	0.72	660	1250	
	676.337	○	○	0.90	0.40	0.22*	0.32*	0.45	0.55	0.71	1.01	670	1270	
	676.367	○	○	1.00	0.50	0.31*	0.44*	0.63	0.77	1.00	1.40	670	1270	
	676.407	○	○	1.20	0.60	0.50*	0.71	1.00	1.23	1.58	2.24	670	1270	
	676.447	○	○	1.35	0.60	0.62*	0.88	1.25	1.53	1.98	2.80	675	1270	
	676.487	○	○	1.50	0.60	0.80*	1.13	1.60	1.96	2.53	3.58	680	1275	
	676.517	○	○	1.65	0.90	0.95*	1.34	1.90	2.33	3.00	4.25	685	1280	
	676.567	○	○	2.00	0.90	1.25	1.77	2.50	3.06	3.95	5.59	690	1285	
	676.607	○	○	2.20	1.10	1.58	2.23	3.15	3.86	4.98	7.04	700	1300	
	676.647	○	○	2.50	1.30	2.00	2.83	4.00	4.90	6.33	8.94	700	1300	
	676.677	○	○	2.70	1.40	2.38	3.36	4.75	5.82	7.51	10.62	720	1330	
		676.727	○	○	3.00	1.60	3.15	4.46	6.30	7.72	9.96	14.09	740	1360
		676.767	○	○	3.50	1.70	4.00	5.66	8.00	9.80	12.65	17.89	760	1400

A = Equivalent bore diameter · E = narrowest free cross section
* Differing spray pattern

Accessories see next page.

Example Type + Material-no. = Ordering no.
for ordering: 676.145 + 16 = 676.145.16

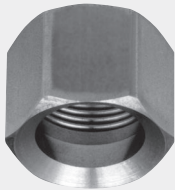


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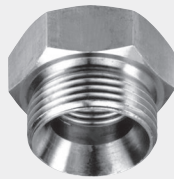


Accessories

Retaining nut
092.020.16.00.02
Material: 303 SS
092.020.30.00.02
Material: Brass



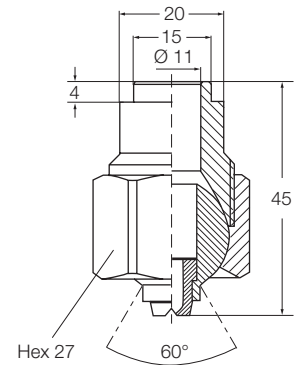
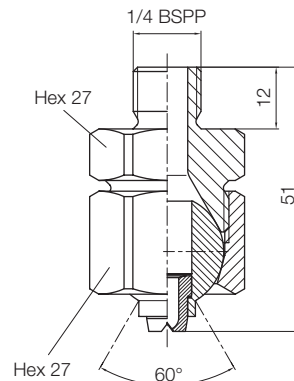
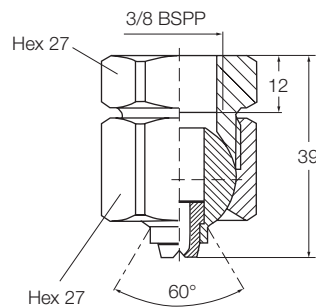
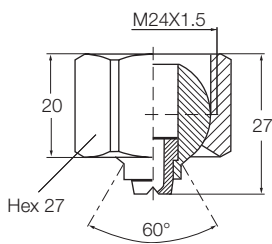
Socket
092.020.16.AF.03
Material: 303 SS
092.020.30.AF.03
Material: Brass



Retaining nipple
092.024.16.AC.03
Material: 303 SS
092.024.30.AC.03
Material: Brass



Welding nipple
092.020.17.00.04
Material: 316Ti SS



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