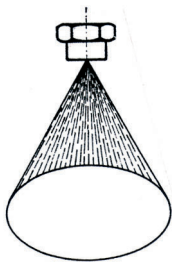


Full cone nozzle CVX

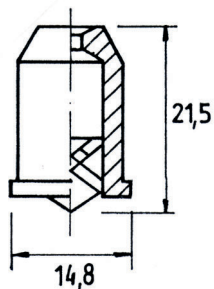
Material: brass, stainless steel, plastic, other materials on request

Illu. 1

B = outlet bore, E = smallest section,
drillings vary slightly for different spray angles



Full cone
spray pattern



Type	B Ø (mm)	E Ø (mm)	Flow rate \dot{V} (l/min.) at pressure p (bar)							Spray angle			
			bar 0.5	bar 1	bar 2	bar 3	bar 5	bar 7	bar 10	45°	60°	90°	120°
CVX 0.6	0.95	0.70	0.36	0.48	0.63	0.74	0.91	1.04	1.20				*
CVX 1.0	1.20	0.85	0.57	0.76	1.00	1.18	1.44	1.65	1.90	*	*	*	*
CVX 1.2	1.30	0.90	0.72	0.95	1.25	1.47	1.80	2.06	2.38	*	*	*	*
CVX 1.6	1.50	1.00	0.92	1.21	1.60	1.88	2.31	2.64	3.05	*	*	*	*
CVX 1.8	1.60	1.10	1.03	1.36	1.80	2.12	2.60	2.97	3.43	*	*	*	*
CVX 2.0	1.65	1.20	1.15	1.52	2.00	2.35	2.89	3.30	3.81	*	*	*	*
CVX 2.5	1.90	1.35	1.44	1.89	2.50	2.94	3.61	4.13	4.76	*	*	*	*
CVX 3.1	2.10	1.40	1.81	2.39	3.15	3.70	4.54	5.20	6.00	*	*	*	*
CVX 4.0	2.45	1.60	2.30	3.03	4.00	4.70	5.77	6.60	7.61	*	*	*	*
CVX 5.0	2.75	1.80	2.87	3.79	5.00	5.88	7.21	8.25	9.52	*	*	*	*
CVX 5.6	3.00	1.80	3.22	4.24	5.60	6.59	8.08	9.24	10.7	*	*	*	*
CVX 6.3	3.10	1.90	3.62	4.77	6.30	7.41	9.09	10.4	12.0	*	*	*	*
CVX 7.1	3.30	1.90	4.08	5.38	7.10	8.35	10.2	11.7	13.5	*	*	*	*
CVX 8.0	3.50	1.90	4.59	6.06	8.00	9.41	11.5	13.2	15.2	*	*	*	*
CVX 8.5	3.60	1.90	4.88	6.44	8.50	10.0	12.3	14.0	16.2	*	*	*	*

Order example: (type - spray angle - material) CVX 3.1 - 120° - V2A

For adapters and accessories see page 7.1

Square full cone nozzle CQVX

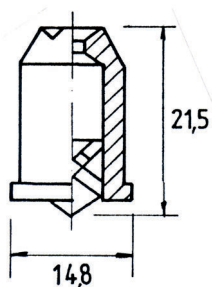
Material: brass, stainless steel, plastic, other materials on request

Illu. 2

B = outlet bore, E = smallest section,
drillings vary slightly for different spray angles



Square
full cone
spray pattern



Type	B Ø (mm)	E Ø (mm)	Flow rate \dot{V} (l/min.) at pressure p (bar)							Spray angle			
			bar 0.5	bar 1	bar 2	bar 3	bar 5	bar 7	bar 10	45°	60°	90°	120°
CQVX 0.6	0.95	0.70	0.36	0.48	0.63	0.74	0.91	1.04	1.20				*
CQVX 1.0	1.20	0.85	0.57	0.76	1.00	1.18	1.44	1.65	1.90	*	*	*	*
CQVX 1.2	1.30	0.90	0.72	0.95	1.25	1.47	1.80	2.06	2.38	*	*	*	*
CQVX 1.6	1.50	1.00	0.92	1.21	1.60	1.88	2.31	2.64	3.05	*	*	*	*
CQVX 1.8	1.60	1.10	1.03	1.36	1.80	2.12	2.60	2.97	3.43	*	*	*	*
CQVX 2.0	1.65	1.20	1.15	1.52	2.00	2.35	2.89	3.30	3.81	*	*	*	*
CQVX 2.5	1.90	1.35	1.44	1.89	2.50	2.94	3.61	4.13	4.76	*	*	*	*
CQVX 3.1	2.10	1.40	1.81	2.39	3.15	3.70	4.54	5.20	6.00	*	*	*	*
CQVX 4.0	2.45	1.60	2.30	3.03	4.00	4.70	5.77	6.60	7.61	*	*	*	*
CQVX 5.0	2.75	1.80	2.87	3.79	5.00	5.88	7.21	8.25	9.52	*	*	*	*
CQVX 5.6	3.00	1.80	3.22	4.24	5.60	6.59	8.08	9.24	10.7	*	*	*	*
CQVX 6.3	3.10	1.90	3.62	4.77	6.30	7.41	9.09	10.4	12.0	*	*	*	*
CQVX 7.1	3.30	1.90	4.08	5.38	7.10	8.35	10.2	11.7	13.5	*	*	*	*
CQVX 8.0	3.50	1.90	4.59	6.06	8.00	9.41	11.5	13.2	15.2	*	*	*	*
CQVX 8.5	3.60	1.90	4.88	6.44	8.50	10.0	12.3	14.0	16.2	*	*	*	*

Order example: (type - spray angle - material) CQVX 2.0 - 60° - brass

For adapters and accessories see page 7.1