

# Flat fan nozzle with increased spray depth and dovetail alignment

## Series 600.366

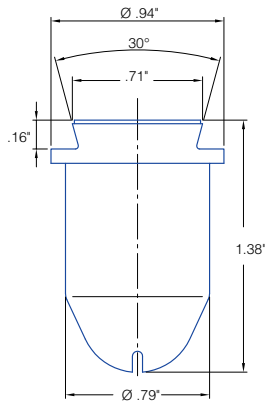
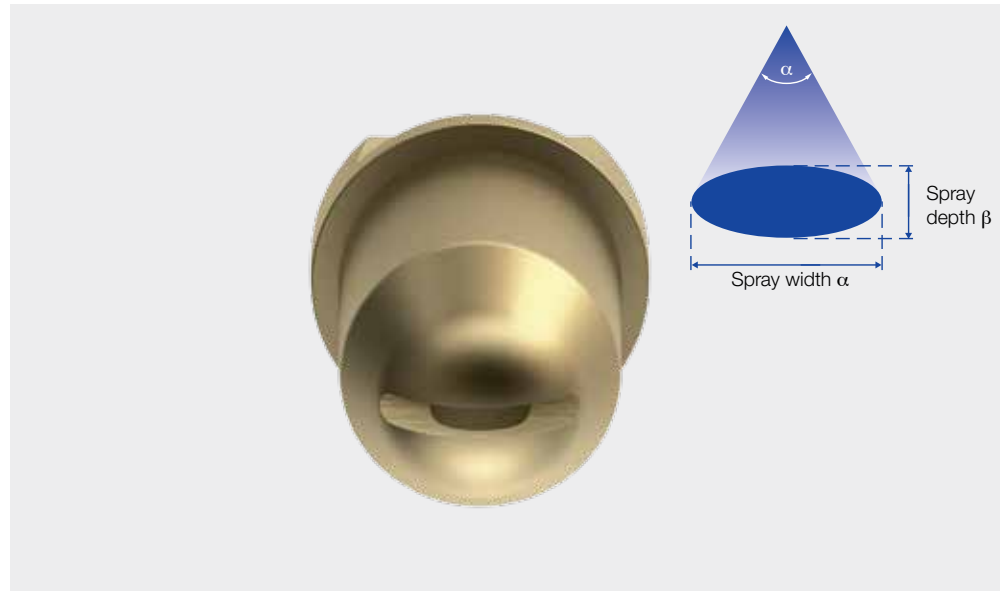
### Series 600.366

**High impact version** with peak center liquid distribution.

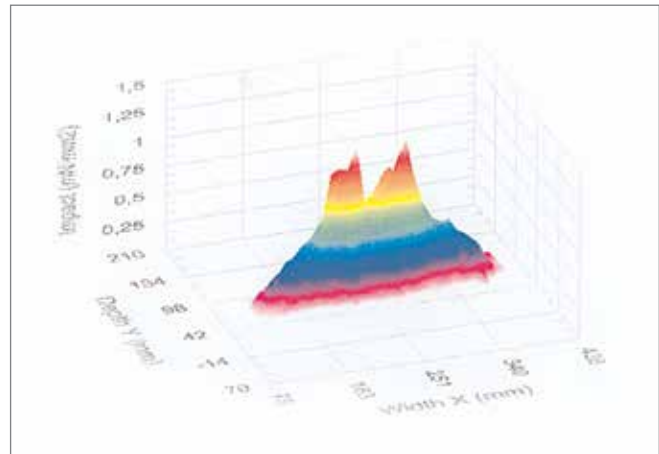
Assembly with 3/4" retaining nut. Self aligning jet with dovetail design with 0° offset angle secures correct spray position for optimal strand surface quality and easy maintenance.

**Applications:**

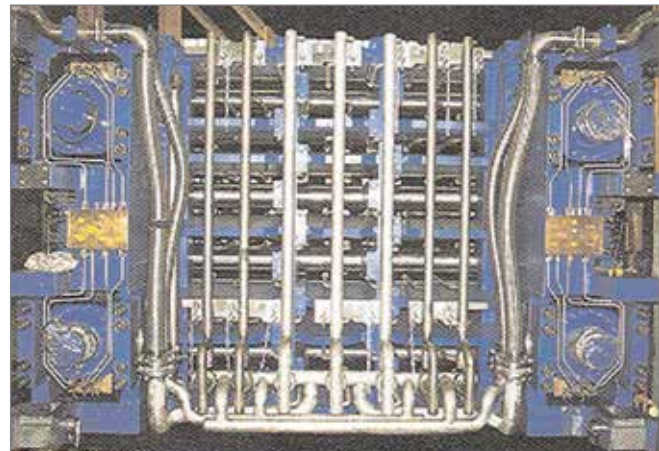
Multi nozzle arrangements in segments for water only secondary cooling, especially in thin slab high speed casters.




Flat jet parallel to dovetail



Typical impact measurement of high impact version

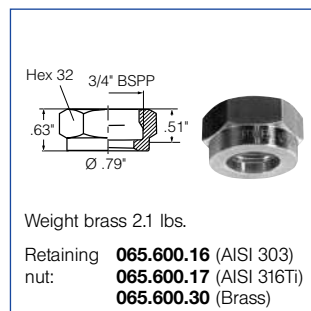


Position-controlled segments for LCR operation of a CSP plant, pre-assembled in the work shop.

Spray angle 	Ordering no.		Spray depth angle [°]	Length [in]	Narrowest cross section [in]	Flow Rate (Gallons Per Minute)					
	Type	Mat. no.				10 psi	20 psi	liters per minute 2 bar	40 psi	80 psi	100 psi
		16 303 SS	30 Brass								
68°	600.366.xx.53	○	68	19	.04	0.29	0.40	1.80	0.55	0.77	0.85
	600.366.xx.55	○	68	19	.05	0.45	0.62	2.80	0.86	1.19	1.32
69°	600.366.xx.70	○	69	26	.04	0.19	0.27	1.20	0.37	0.51	0.57
	600.366.xx.72	○	69	26	.06	0.53	0.73	3.30	1.01	1.40	1.56
70°	600.366.xx.50	○	70	20	.06	0.59	0.82	3.70	1.14	1.57	1.75
	600.366.xx.13	○	70	30	.07	0.61	0.84	3.80	1.17	1.62	1.80
	600.366.xx.51	○	70	20	.08	0.74	1.02	4.60	1.41	1.96	2.17
	600.366.xx.14	○	70	30	.07	1.09	1.51	6.80	2.09	2.89	3.21
74°	600.366.xx.54	○	74	19	.05	0.37	0.51	2.30	0.71	0.98	1.09
	600.366.xx.56	○	74	19	.06	0.67	0.93	4.20	1.29	1.79	1.99
75°	600.366.xx.60	○	75	26	.07	1.03	1.42	6.40	1.97	2.72	3.03
80°	600.366.xx.71	○	80	26	.05	0.35	0.49	2.20	0.68	0.94	1.04
	600.366.xx.61	○	80	26	.07	1.19	1.64	7.40	2.27	3.15	3.50
82°	600.366.xx.52	○	82	28	.07	1.09	1.51	6.80	2.09	2.89	3.21
83°	600.366.xx.30	○	83	20	.07	0.74	1.02	4.60	1.41	1.96	2.17
90°	600.366.xx.36	○	90	20	.06	0.95	1.31	5.90	1.81	2.51	2.79
	600.366.xx.37	○	90	20	.07	1.43	1.97	8.90	2.74	3.79	4.21
102°	600.366.xx.48	○	102	32	.06	0.95	1.31	5.90	1.81	2.51	2.79
105°	600.366.xx.49	○	105	25	.04	0.37	0.51	2.30	0.71	0.98	1.09
	600.366.xx.23	○	105	20	.04	0.43	0.60	2.70	0.83	1.15	1.28
	600.366.xx.28	○	105	20	.04	0.59	0.82	3.70	1.14	1.57	1.75
	600.366.xx.40	○	105	20	.05	0.74	1.02	4.60	1.41	1.96	2.17
	600.366.xx.00	○	105	35	.07	0.74	1.02	4.60	1.41	1.96	2.17
	600.366.xx.44	○	105	20	.07	0.99	1.38	6.20	1.91	2.64	2.93
	600.366.xx.41	○	105	20	.07	1.09	1.51	6.80	2.09	2.89	3.21
	600.366.xx.21	○	105	20	.08	1.12	1.55	7.00	2.15	2.98	3.31
	600.366.xx.01	○	105	35	.08	1.12	1.55	7.00	2.15	2.98	3.31
	600.366.xx.42	○	105	20	.07	1.41	1.95	8.80	2.70	3.75	4.16
	600.366.xx.22	○	105	20	.09	1.49	2.06	9.30	2.86	3.96	4.40
	600.366.xx.02	○	105	35	.09	1.49	2.06	9.30	2.86	3.96	4.40
	600.366.xx.43	○	105	20	.08	1.79	2.48	11.20	3.44	4.77	5.29
	600.366.xx.03	○	105	35	.10	1.86	2.57	11.60	3.56	4.94	5.48
600.366.xx.45	○	105	20	.08	2.24	3.11	14.00	4.30	5.96	6.62	
108°	600.366.xx.80	○	108	32	.09	1.89	2.62	11.80	3.63	5.02	5.58
	600.366.xx.81	○	108	32	.09	2.16	3.00	13.50	4.15	5.75	6.38
110°	600.366.xx.47	○	110	28	.04	0.61	0.84	3.80	1.17	1.62	1.80

Other nozzle types on request.

## Accessories



Conversion formula for the above series:  $V_2 = V_1 \sqrt{\frac{P_2}{P_1}}$