

# Flat fan nozzle with increased spray depth and dove-tail alignment Series 600.366

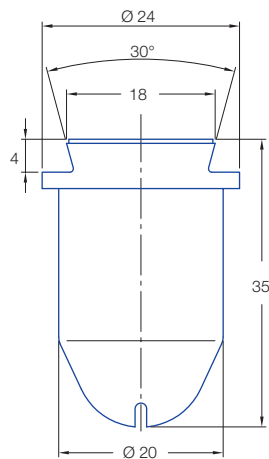
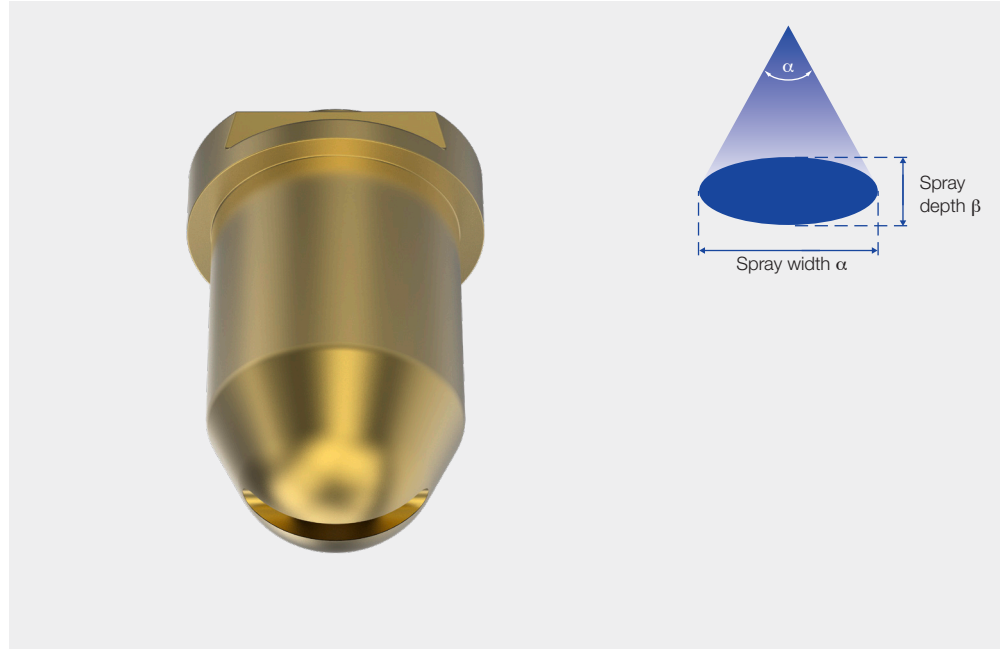
## Series 600.366

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

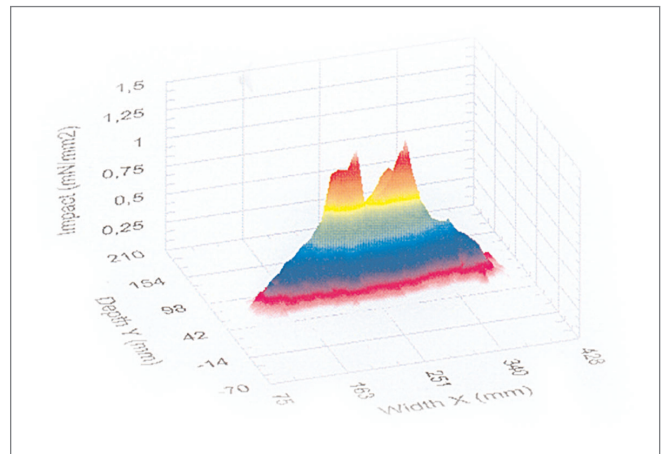
Assembly with 3/4" retaining nut. Self aligning jet with dove-tail design with 0° offset angle secures correct spray position for optimal strand surface quality and easy maintenance.

### Applications:

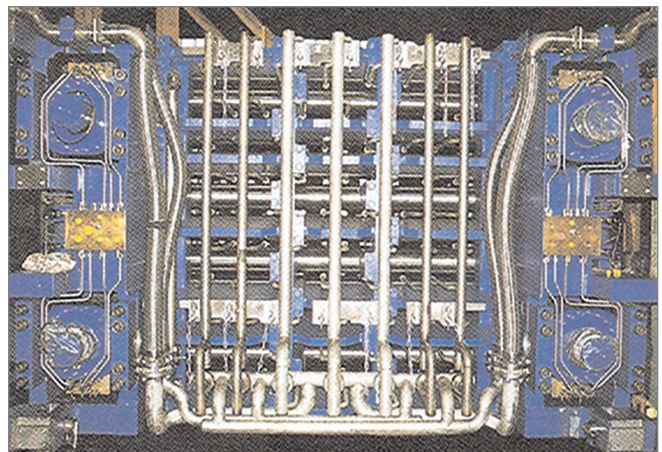
Multi nozzle arrangements in segments for water only secondary cooling, especially in thin slab high speed casters.




Flat jet parallel to dove-tail



Typical impact measurement of high impact version



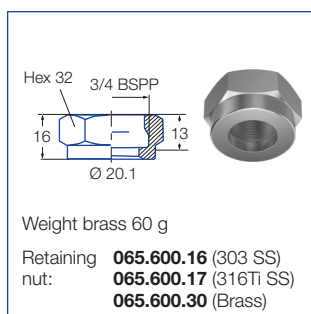
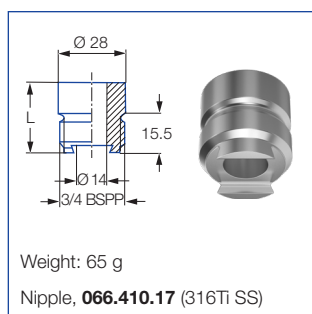
Position-controlled segments for LCR operation of a CSP plant, pre-assembled in the work shop.

Spray angle 	Ordering no.		Spray depth angle [°]	Narrowest cross section [mm]	Flow rate [l/min] pressure (bar)						
	Type	Material no.			1	2	3	5	7	10	
		16 303 SS									30 Brass
68°	600.366.xx.53	○	○	19	1.1	1.3	1.8	2.2	2.8	3.3	3.9
	600.366.xx.55	○	○	19	1.3	2.0	2.8	3.4	4.3	5.0	6.0
69°	600.366.xx.70	○	○	26	1	0.9	1.2	1.5	1.9	2.2	2.6
	600.366.xx.72	○	○	26	1.4	2.4	3.3	4.0	5.1	6.0	7.1
70°	600.366.xx.50	○	○	20	1.4	2.7	3.7	4.5	5.7	6.7	7.9
	600.366.xx.13	○	○	30	1.9	2.8	3.8	4.6	5.9	6.9	8.2
	600.366.xx.51	○	○	20	2	3.3	4.6	5.5	7.0	8.2	9.7
	600.366.xx.14	○	○	30	1.9	4.9	6.8	8.2	10.4	12.2	14.4
74°	600.366.xx.54	○	○	19	1.3	1.7	2.3	2.8	3.6	4.2	5.0
	600.366.xx.56	○	○	19	1.4	3.0	4.2	5.0	6.4	7.5	8.9
75°	600.366.xx.60	○	○	26	1.9	4.6	6.4	7.8	9.9	11.6	13.7
80°	600.366.xx.71	○	○	26	1.2	1.6	2.2	2.7	3.4	4.0	4.7
	600.366.xx.61	○	○	26	1.9	5.4	7.4	9.0	11.4	13.4	15.8
82°	600.366.xx.52	○	○	28	1.7	4.9	6.8	8.2	10.4	12.2	14.4
83°	600.366.xx.30	○	○	20	1.8	3.3	4.6	5.6	7.1	8.3	9.8
90°	600.366.xx.36	○	○	20	1.4	4.3	5.9	7.2	9.1	10.7	12.6
	600.366.xx.37	○	○	20	1.8	6.4	8.9	10.8	13.7	16.0	19.0
102°	600.366.xx.48	○	○	32	1.6	4.3	5.9	7.2	9.1	10.7	12.6
105°	600.366.xx.49	○	○	25	1	1.7	2.3	2.8	3.6	4.2	5.0
	600.366.xx.23	○	○	20	1	2.0	2.7	3.3	4.2	4.9	5.8
	600.366.xx.28	○	○	20	1	2.7	3.7	4.5	5.7	6.7	7.9
	600.366.xx.40	○	○	20	1.25	3.3	4.6	5.5	7.0	8.2	9.7
	600.366.xx.00	○	○	35	1.8	3.3	4.6	5.6	7.1	8.3	9.8
	600.366.xx.44	○	○	20	1.7	4.5	6.2	7.5	9.5	11.1	13.2
	600.366.xx.41	○	○	20	1.8	4.9	6.8	8.2	10.4	12.2	14.4
	600.366.xx.21	○	○	20	2	5.0	7.0	8.4	10.7	12.5	14.8
	600.366.xx.01	○	○	35	2	5.0	7.0	8.4	10.7	12.5	14.8
	600.366.xx.42	○	○	20	1.7	6.3	8.8	10.6	13.5	15.8	18.7
	600.366.xx.22	○	○	20	2.2	6.7	9.3	11.2	14.3	16.8	19.8
	600.366.xx.02	○	○	35	2.2	6.7	9.3	11.2	14.3	16.8	19.8
	600.366.xx.43	○	○	20	2	8.1	11.2	13.6	17.3	20.3	24.0
	600.366.xx.03	○	○	35	2.5	8.4	11.6	14.0	17.8	20.8	24.7
	600.366.xx.45	○	○	20	2.1	10.1	14.0	16.9	21.5	25.2	29.8
108°	600.366.xx.80	○	○	32	2.3	8.5	11.8	14.2	18.1	21.2	25.1
	600.366.xx.81	○	○	32	2.3	9.8	13.5	16.4	20.8	24.4	28.8
110°	600.366.xx.47	○	○	28	1.1	2.8	3.8	4.6	5.9	6.9	8.2

Material 17 (316Ti/316L SS) on request

<b>Example</b>	<b>Type</b>	<b>+</b>	<b>Material no.</b>	<b>=</b>	<b>Ordering no.</b>
<b>of ordering:</b>	<b>600.366.xx.53</b>	<b>+</b>	<b>16</b>	<b>=</b>	<b>600.366.16.53</b>

## Accessories



Conversion formula for the above series:  $\dot{V}_2 = \dot{V}_1 * \left(\frac{p_2}{p_1}\right)^{0.47}$   
( $\leq 10$  bar)

