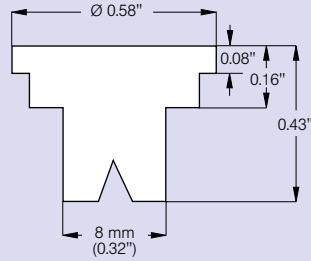


# ST standard flat spray nozzles

Spray angle: 80°, 110°  
 Material: POM, POM/Ceramic,  
 Brass available upon request





### Features

- Standard flat spray nozzle
- **Medium drift potential**
- Medium droplets
- Best performance range 30-75 psi
- Fits 8mm caps, part number Y8253048 series

### Range of application

Herbicides, fungicides, insecticides, liquid fertilizers,  
 plant growth regulators

 ( )	 psi	Capacity per nozzle		Gallons/Acre							
		gpm	oz/min	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	12 mph
<b>ST</b> <b>80-01</b> <b>110-01</b> (50/100 M)	30	0.09	11.0	6.5	5.2	4.3	3.7	3.2	2.9	2.6	2.2
	40	0.10	13.0	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.5
	50	0.11	14.0	8.2	6.5	5.4	4.7	4.1	3.6	3.3	2.7
	60	0.12	15.0	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.0
75	0.14	17.0	10.1	8.0	6.7	5.8	5.1	4.5	4.1	3.4	
<b>ST</b> <b>80-015</b> <b>110-015</b> (50/100 M)	30	0.13	17.0	9.7	7.7	6.4	5.5	4.8	4.3	3.9	3.2
	40	0.15	19.0	11.1	8.9	7.4	6.4	5.6	5.0	4.5	3.7
	50	0.17	22.0	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.2
	60	0.18	23.0	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.5
75	0.20	25.7	15.0	12.0	9.9	8.5	7.5	6.6	5.9	5.0	
<b>ST</b> <b>80-02</b> <b>110-02</b> (50 M)	30	0.17	22.0	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.2
	40	0.20	26.0	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.0
	50	0.22	28.0	16.3	13.1	10.9	9.3	8.2	7.3	6.5	5.4
	60	0.24	31.0	17.8	14.3	11.9	10.2	8.9	7.9	7.1	5.9
75	0.27	34.8	20.0	16.1	13.4	11.5	10.0	8.9	8.0	6.6	
<b>ST</b> <b>80-03</b> <b>110-03</b> (50 M)	30	0.26	33.0	19.3	15.4	12.9	11.0	9.7	8.6	7.7	6.4
	40	0.30	38.0	22.0	17.8	14.9	12.7	11.1	9.9	8.9	7.4
	50	0.34	44.0	25.0	20.0	16.8	14.4	12.6	11.2	10.1	8.4
	60	0.37	47.0	27.0	22.0	18.3	15.7	13.7	12.2	11.0	9.2
75	0.42	52.9	30.4	24.8	20.6	17.7	15.4	13.7	12.4	10.4	
<b>ST</b> <b>80-04</b> <b>110-04</b> (50 M)	30	0.35	45.0	26.0	21.0	17.3	14.9	13.0	11.6	10.4	8.7
	40	0.40	51.0	30.0	24.0	19.8	17.0	14.9	13.2	11.9	9.9
	50	0.45	58.0	33.0	27.0	22.0	19.1	16.7	14.9	13.4	11.1
	60	0.49	63.0	36.0	29.0	24.0	21.0	18.2	16.2	14.6	12.1
75	0.55	70.7	40.4	32.6	27.0	23.6	20.4	18.2	16.4	13.6	
<b>ST</b> <b>80-05</b> <b>110-05</b> (50/30 M)	30	0.43	55.0	32.0	26.0	21.0	18.2	16.0	14.2	12.8	10.6
	40	0.50	64.0	37.0	30.0	25.0	21.0	18.6	16.5	14.9	12.4
	50	0.56	72.0	42.0	33.0	28.0	24.0	21.0	18.5	16.6	13.9
	60	0.61	78.0	45.0	36.0	30.0	26.0	23.0	20.0	18.1	15.1
75	0.67	86.0	49.6	39.7	33.1	28.7	25.4	22.1	20.0	16.7	
<b>ST</b> <b>80-06</b> <b>110-06</b> (50/30 M)	30	0.52	67.0	39.0	31.0	26.0	22.0	19.3	17.2	15.4	12.9
	40	0.6	77.0	45.0	36.0	30.0	25.0	22.0	19.8	17.8	14.9
	50	0.67	86.0	50.0	40.0	33.0	28.0	25.0	22.0	19.9	16.6
	60	0.73	93.0	54.0	43.0	36.0	31.0	27.0	24.0	22.0	18.1
75	0.82	104.1	60.4	48.1	40.3	34.7	30.2	26.9	24.6	20.3	
<b>ST</b> <b>80-08</b> <b>110-08</b> (50/30 M)	30	0.69	88.0	51.0	41.0	34.0	29.0	26.0	23.0	20.0	17.1
	40	0.80	102.0	59.0	48.0	40.0	34.0	30.0	26.0	24.0	19.8
	50	0.89	114.0	66.0	53.0	44.0	38.0	33.0	29.0	26.0	22.0
	60	0.98	125.0	73.0	58.0	49.0	42.0	36.0	32.0	29.0	24.0
75	1.09	140.0	81.8	65.0	54.9	47.0	40.3	35.8	32.5	26.9	

### Main benefits of ST nozzles

- An economical choice
- Color coded for agricultural standards

- Spray pressure measured at the nozzle tip.
- The stated gallons per acre rates apply to water.
- Check your nozzle flow rates prior to each spray season.
- Make sure that all nozzles have the same designed flow rate.

### Sample order

Type + spray angle + nozzle size + material = order number  
 ST 110° 06 POM = ST 110-06  
 ST 110° 06 C (Ceramic) = ST 110-06 C