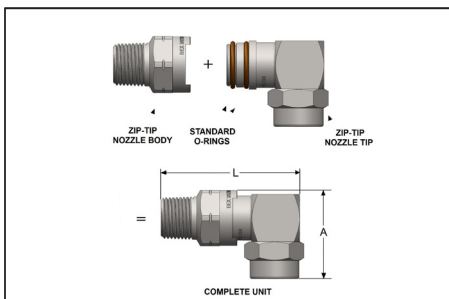




# ZPH SERIES SPRAY NOZZLES

HOLLOW CONE • ZIP-TIP CONNECTION



## SPRAY CHARACTERISTICS:

Designed specifically for phosphating applications, this hollow cone spray pattern features a large droplet size and low impingement. This results in a tighter and more consistent phosphate crystalline structure.

## CONSTRUCTION:

The models listed are machined from bar stock, and are two piece construction.



## TYPICAL APPLICATIONS:

Ideal for a variety of phosphating applications, as well as some standard hollow cone applications including:

- Rinsing
- Water Cooling
- Metal Treatment
- Industrial Washers

Model #	Orifice Diameter		Capacities at Various Pressures LPM										Spray Angle		
	Body	Cap	0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	.5 bar	1.5 bar	4 bar
ZPH23	7.92	5.59	5.7	7.4	8.8	10.5	12.8	14.8	18.2	21.0	23.4	27.7	45°	53°	60°
ZPH28	7.92	5.87	7.0	9.0	10.7	12.8	15.6	18.0	22.1	25.5	28.5	34	40°	43°	48°
ZPH51	9.53	8.74	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	40°	50°	50°
ZPH53	9.53	9.53	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	70°	70°	70°

