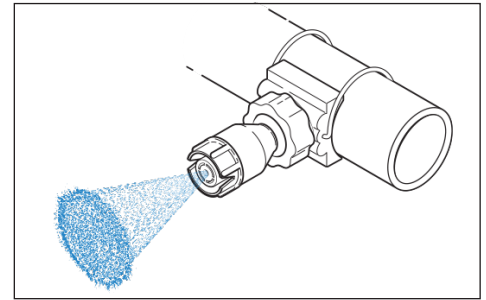
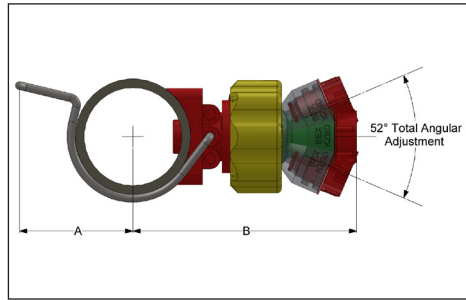
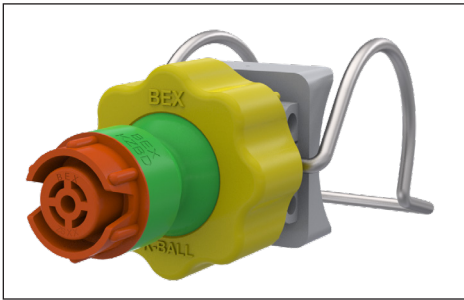




KZS ASSEMBLY SPECIFICATIONS

FULL CONE SPRAY • CLIP-ON CONNECTION



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

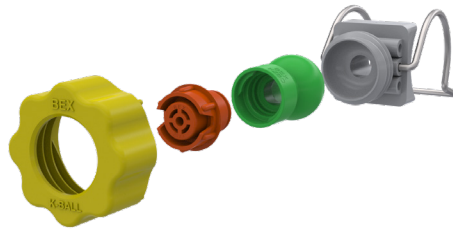
A full cone spray pattern, with uniform distribution throughout the cone. Spray angles range from approximately 50° to 80°.

CONSTRUCTION:

Made of corrosion-resistant plastic and stainless steel. Heavy-duty spring clip good to 100 PSI at 175° F. KZF assemblies clip over a pre-drilled pipe (9/16" dia. hole). Features a KZBD adapter and an injection molded Zip-Tip nozzle, allowing for easy installation/removal of the nozzle tip. Nozzle tips are available in Polypropylene and PVDF.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting



Pipe Size	Dim A (inches)	Dim B (inches)
1"	1.69	3.46
1¼"	1.85	3.5
1½"	1.92	3.5
2"	2.67	3.85

Model #	Max. Free Passage mm	Capacities at Various Pressures LPM												Spray Angle		
		0.2 bar	0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	9 bar	0.5 bar	1.4 bar	5.5 bar
ZS1	0.84	0.204	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.37	--	55°	52°
ZS1.5	1.17	0.306	0.37	0.48	0.57	0.68	0.84	0.97	1.18	1.37	1.53	1.67	2.05	--	65°	57°
ZS2	1.30	0.41	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.73	54°	59°	60°
ZS3	1.30	0.61	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	4.1	50°	53°	60°
ZS3.5	1.30	0.71	0.87	1.13	1.33	1.60	1.95	2.26	2.76	3.2	3.6	3.9	4.8	48°	58°	61°
ZS5	1.63	1.02	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.8	58°	68°	62°
ZS6	1.63	1.22	1.50	1.93	2.29	2.73	3.3	3.9	4.7	5.5	6.1	6.7	8.2	67°	72°	70°
ZS6.5	2.31	1.32	1.62	2.09	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.3	8.9	48°	56°	50°
ZS7.5	2.31	1.53	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	10.3	55°	65°	48°
ZS8.5	2.31	1.53	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	10.3	58°	65°	63°
ZS10	2.31	2.04	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	13.7	55°	65°	50°
ZS14	2.31	2.85	3.5	4.5	5.3	6.4	7.8	9.0	11.1	12.8	14.3	15.6	19.1	78°	85°	75°
ZS15	2.59	3.06	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	20.5	63°	65°	60°
ZS18	2.59	3.7	4.5	5.8	6.9	8.2	10.0	11.6	14.2	16.4	18.3	20.1	24.6	85°	88°	76°
ZS20	2.59	0.41	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.73	76°	82°	75°
ZS22	2.90	4.5	5.5	7.1	8.4	10.0	12.3	14.2	17.4	20.1	22.4	24.6	30.1	76°	78°	76°