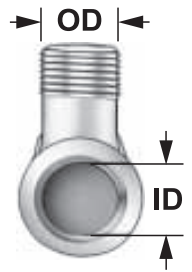


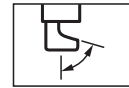
Spray Nozzles

Flat Spray Nozzles

Please Read Before Ordering - Pipe size is the accepted industry designation, not the actual size. To Determine pipe size, measure the inside diameter (ID) or outside diameter (OD) as shown at right. Then, round up to the closest fitting ID or OD listed in the chart and select the corresponding pipe size. For example, if your fitting ID or OD measures 1 3/16", the next highest ID or OD in the chart is 1 3/8" and its corresponding pipe size is 1".



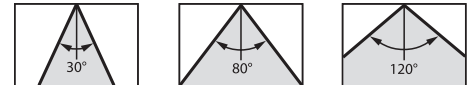
Deflection Angles



Fitting ID or OD	3/8"	1/2"	5/8"	3/4"	1"	1 3/8"	1 5/8"	1 7/8"	2 3/8"
Pip Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

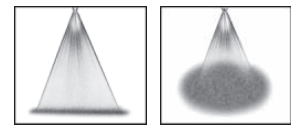
Spray Nozzles - are used for jobs such as Cleaning, Cooling, Rinsing, Controlling dust, Applying coatings, Humidification, Pressure washing and Air drying. Use the chart at the top of the page to determine the proper pipe size. Brass offers good corrosion resistance.

Spray Angles



Stainless steel has better corrosion, Abrasion and chemical resistance than brass. It also has good internal abrasion resistance. PVC offers very good corrosion and chemical resistance. PVDF offers excellent chemical and corrosion resistance. PFA and PTFE are chemical resistant and the most corrosion-resistant materials we offer.

Spray Patterns



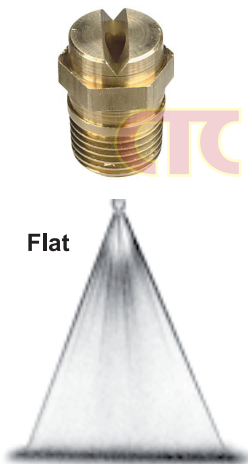
Flat Spray Nozzles - Great for general cleaning, Washing asphalt and concrete, Air drying, Etching, Foam control and Applying coatings. Max. Pressure is 1,000 psi. All have an NPT male connection. Brass nozzles have a Max. Temp. of 426° C. Type 303 stainless steel nozzles have a Max. Temp. of 232° C.

Flat Cone



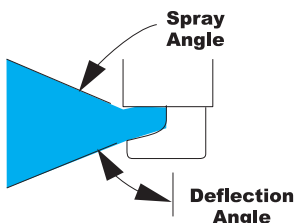
Hollow Cone Square Solid Stream

To Order : For all nozzles, Please specify spray angle : 25°, 40°, 50°, 60°, 110° or 120°.



Brass		Stainless Steel		Pipe Size	Flow Rate, gpm				Orifice Dia.	O'all Wd. (Hex Size)	O'all Lg.
Number	Price ₪	Number	Price ₪		20 psi	40 psi	100 psi	1000 psi			
3K01 4173	---	3K01 4078	---	1/8"	0.35	0.5	0.79	2.5	0.057"	0.44"	0.88"
3K01 4111	---	3K01 4026	---	1/8"	0.57	0.8	1.26	4.0	0.072"	0.44"	0.88"
3K01 4174	---	3K01 4079	---	1/8"	0.71	1.0	1.58	5.0	0.080"	0.44"	0.88"
3K01 4112	---	3K01 4027	---	1/8"	1.41	2.0	3.16	10.0	0.109"	0.44"	0.88"
3K01 4113	---	3K01 4028	---	1/8"	2.12	3.0	4.74	15.0	0.141"	0.44"	0.88"
3K01 4175	---	3K01 4064	---	1/4"	0.35	0.5	0.79	2.5	0.057"	0.56"	1.06"
3K01 4114	---	3K01 4029	---	1/4"	1.06	1.5	2.37	7.5	0.094"	0.56"	1.06"
3K01 4115	---	3K01 4034	---	1/4"	2.12	3.0	4.74	15.0	0.141"	0.56"	1.06"
3K01 4116	---	3K01 4035	---	1/4"	2.83	4.0	6.32	20.0	0.156"	0.56"	1.06"
3K01 4117	---	3K01 4036	---	1/4"	3.54	5.0	7.91	25.0	0.172"	0.56"	1.06"
3K01 4118	---	3K01 4037	---	3/8"	2.83	4.0	6.32	20.0	0.156"	0.69"	1.25"
3K01 4119	---	3K01 4038	---	3/8"	4.95	7.0	11.10	35.0	0.203"	0.69"	1.25"
3K01 4176	---	3K01 4065	---	3/8"	7.07	10.0	15.80	50.0	0.250"	0.69"	1.25"
3K01 4177	---	3K01 4066	---	1/2"	4.24	6.0	9.49	30.0	0.186"	0.88"	1.50"
3K01 4143	---	3K01 4054	---	1/2"	5.66	8.0	12.60	40.0	0.219"	0.88"	1.50"
3K01 4124	---	3K01 4039	---	1/2"	7.07	10.0	15.80	50.0	0.250"	0.88"	1.50"
3K01 4144	---	3K01 4055	---	1/2"	8.49	12.0	19.00	60.0	0.266"	0.88"	1.50"
3K01 4145	---	3K01 4056	---	1/2"	10.60	15.0	23.70	75.0	0.297"	0.88"	1.50"
3K01 4146	---	3K01 4057	---	1/2"	14.10	20.0	31.60	100.0	0.344"	0.88"	1.50"
3K01 4147	---	3K01 4058	---	3/4"	21.20	30.0	47.40	150.0	0.422"	1.13"	1.75"

Wide - Angle Deflected Flat Spray Nozzles - An extra-wide spray angle is deflected 75°, Producing a low-impact spray for maximum coverage. The angle makes these nozzles a good choice for rinsing and cooling jobs as well as for foam control and applying coatings. Maximum pressure is 60 psi. All have an NPT male connection. Brass nozzles have a Max. Temp. of 426° C. Type 303 stainless steel nozzles have a Max. Temp. of 648° C.



Brass		Stainless Steel		Pipe Size	Flow Rate, gpm			Spray Angle 60 psi	Orifice Dia.	O'all Wd. (Hex Size)	O'all Lg.
Number	Price ₪	Number	Price ₪		20 psi	40 psi	100 psi				
3K99 5431	---	3F99 5821	---	1/8"	0.07	0.1	0.15	120°	0.024"	0.44"	0.56"
3K99 5432	---	3F99 5822	---	1/8"	0.14	0.2	0.32	148°	0.033"	0.44"	0.81"
3K99 5401	---	3F99 5811	---	1/8"	0.71	1.0	1.58	132°	0.076"	0.44"	0.94"
3K99 5403	---	3F99 5813	---	1/8"	1.41	2.0	3.16	150°	0.110"	0.44"	0.94"
3K99 5405	---	3F99 5815	---	1/4"	2.10	3.0	4.74	144°	0.129"	0.56"	1.31"
3K99 5407	---	3F99 5817	---	1/4"	2.80	4.0	6.32	144°	0.154"	0.56"	1.31"