

Adjustable Ball Nozzle Assemblies

Chemically Resistant, Adjustable Ball Nozzle Assemblies for rinse, soap or wax arches, de-icing spraybars or industrial applications. Designed for adjustable direction of nozzles for the most effective coverage. Bodies are available with 1/4", 3/8" or 1/2" MPT threads or with a clip-type clamp for 1" through 2" pipe.

Nozzles are available in two styles: Ball/Nozzle combinations (CA & CT numbers) or ball joints only with a threaded ports for use with existing 1/4" or 3/8" MPT nozzles.



For complete assemblies, order the body of choice (cap included) and the nozzle type and size required or the ball only if using your own tips. Threaded bodies are rated to 125 psi. Clip-eyelet bodies are rated to 60 psi. Both will handle temperatures to 180° F. Plastic parts are polypropylene for excellent chemical resistance.

(CA) Hollow cone spray pattern - Interchangeable tips

Tip & vane sub-assembly No.	Capacity in gallons per min. (liters per min.)						Spray angle			
	5 psi .35 bar	10 psi .7 bar	20 psi 1 bar	30 psi 1.5 bar	40 psi 2 bar	50 psi 3 bar	60 psi 4 bar	7 psi .5 bar	20 psi 1.5 bar	60 psi 4 bar
CA15-30-1-PP	1.6 (6.2)	2.3 (8.8)	3.2 (10.4)	3.9 (12.6)	4.5 (14.5)	5.0 (17.6)	5.4 (20.2)	46°	49°	51°
CA25-30-1-PP	2.0 (7.5)	2.8 (10.7)	3.9 (12.7)	4.7 (15.4)	5.4 (17.6)	6.1 (21.4)	6.6 (24.6)	45°	47°	50°
CA50-50-1-PP	3.5 (13.5)	5.0 (19.0)	7.0 (22.7)	8.6 (27.8)	9.9 (32.0)	11.1 (39.2)	12.1 (45.2)	38°	46°	48°
CA50-50-3-PP	3.5 (13.5)	5.0 (19.0)	7.0 (22.7)	8.5 (27.6)	9.8 (31.8)	10.9 (38.7)	11.9 (44.4)	75°	75°	76°

(CT) Flat Fan spray pattern - Interchangeable tips

CLIP-EYELET TIP SIZES						CAPACITY IN GALLONS PER MINUTE									
SPRAY ANGLE AT 40 psi						TIP COLOR	CAPACITY IN GALLONS PER MINUTE								
15°	25°	40°	50°	65°	80°		5 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi		
						CT6510-PP	CT8010-PP	Beige	.35	.42	.50	.71	.86	1.0	1.2
		CT4020-PP	CT5020-PP	CT6520-PP				LL Blue	.71	.84	1.0	1.4	1.7	2.0	2.5
		CT2530-PP	CT4030-PP	CT5030-PP	CT6530-PP			Orange	1.1	1.3	1.5	2.1	2.6	3.0	3.7
			CT4040-PP	CT5040-PP	CT6540-PP	CT8040-PP		Green	1.4	1.7	2.0	2.8	3.5	4.0	4.9
CT1550-PP			CT4050-PP	CT5050-PP	CT6550-PP	CT8050-PP		Yellow	1.8	2.1	2.5	3.5	4.3	5.0	6.1
		CT2560-PP	CT4060-PP	CT5060-PP	CT6560-PP	CT8060-PP		Blue	2.1	2.5	3.0	4.2	5.2	6.0	7.3
CT1570-PP			CT4070-PP	CT5070-PP	CT6570-PP	CT8070-PP		Red	2.5	2.9	3.5	4.9	6.1	7.0	8.6
CT15100-PP	CT25100-PP	CT40100-PP	CT50100-PP	CT65100-PP	CT80100-PP			Brown	3.5	4.2	5.0	7.1	8.6	10.0	12.2

Note: No. CT PLUG Optional blank tip is used to replace CA- or CT- tip to shut-off spray nozzle.

Part No.

- SS 37235-1/4PP * 1/4" MPT Body with cap.....
- SS 37235-3/8PP 3/8" MPT Body with cap.....
- SS 37235-1/2PP 1/2" MPT Body with cap.....
- SS 20570D-1 Clip Body with cap for 1" pipe.....
- SS 20570D-1-1/4 Clip Body with cap for 1-1/4" pipe.....
- SS 20570D-1-1/2 Clip Body with cap for 1-1/2" pipe.....
- SS 20570D-2 Clip Body with cap for 2" pipe.....
- SS CA XXXX † CA Series Hollow Cone Nozzles.....
- SS CT XXXX † CT Series Flat Fan Nozzles.....
- SS CP20582-1/4PP Ball ONLY, 1/4" FPT, for existing tips...
- SS CP20582-3/8PP Ball ONLY, 3/8" FPT, for existing tips...

* 1/4" body not recommended for capacities over 3 GPM.

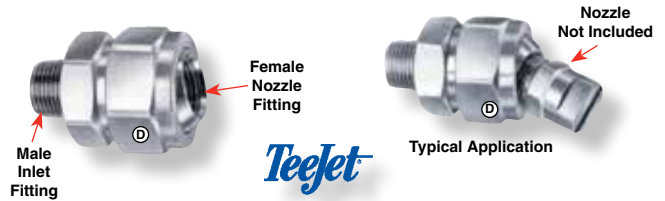
† Specify Full Number from chart.



Spraying Systems Adjustable Ball Joints

Brass or Stainless Adjustable Ball Joints for Soap and Rinse Arches. Allows for a wide adjustment range for complete coverage. Standard with male MPT inlet and female FPT outlet. Rated to 300 PSI.

Part No.	Pipe Size (M X F)
SS 36275-1/4X1/4	1/4" Brass
SS 36275-1/4SS	1/4" Stainless



TeesJet Ball Type Rinsing Nozzles

Ball Type Rinsing Nozzles are designed to rinse the inside of chemical containers. Nozzles are standard with 40 orifices that have a total spray angle of 240°. Construction is Nylon. Ports are 1/2" FPT or 3/4" FPT. Fixed spray pattern, no rotation.



Part No.	Ports	Flow Rate @ 100 PSI
SS VSM-28	1/2" FPT	8.7 GPM
SS VSM-44	1/2" FPT	13.7 GPM
SS VSM-90	3/4" FPT	28 GPM
SS VSM-140	3/4" FPT	43 GPM
SS VSM-190	3/4" FPT	59 GPM

Rotary Tank Washing Nozzles 1/2" or 3/4"

A new dimension of performance and versatility in low pressure cleaning/rinsing applications. Cleans diameters to 10'.

Two-piece nozzle features a spray head that is rotated by the pressurized flow of the spray solution. Can be operated at pressures of 10 PSI to 50 PSI.

The multiple orifice configuration of the spray head provides exceptional coverage. 360° coverage. 1/2" is rated to 12 GPM @ 50 PSI. 3/4" is rated to 20 GPM @ 50 PSI.



Part No.	Size	Description
SS 55270-1/2-11	1/2"	Rotary Nozzle.....
SS 55270-3/4-18	3/4"	Rotary Nozzle.....

Rotating Rinsing Nozzle

For Tank Cleaning Applications, this rinse nozzle has three orifices which create rotational forces to provide spherical coverage. 316 stainless. Internal Teflon sleeve. 1/2" FPT connection. Requires 1-1/32" tank opening. Maximum pressure is 200 PSI.

Nozzle No.	Capacity Gallons Per Minute				
	20 psi	30 psi	40 psi	50 psi	60 psi
23240-7	4.9	6.1	7.0	7.8	8.6



Part No.
SS 23240-7

Rotary Tank Nozzle



Self-operated by the cleaning water. A fast and effective method of cleaning the interior of any sprayer tank.

Jets rotate about a horizontal axis. Cover up to a 20' Diameter area. Material is Nylon. Operating pressure from 50 to 275 PSI. Inlet connection is 1" MPT.

Part No.
DU 1LTC