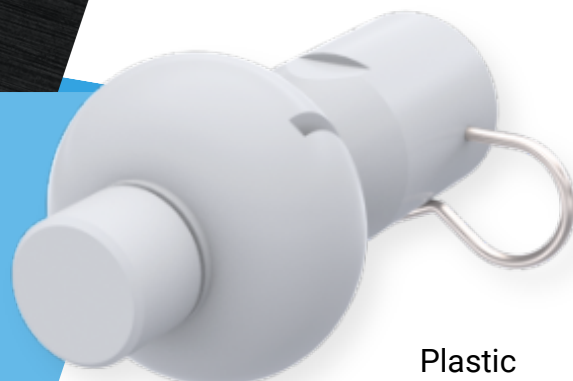


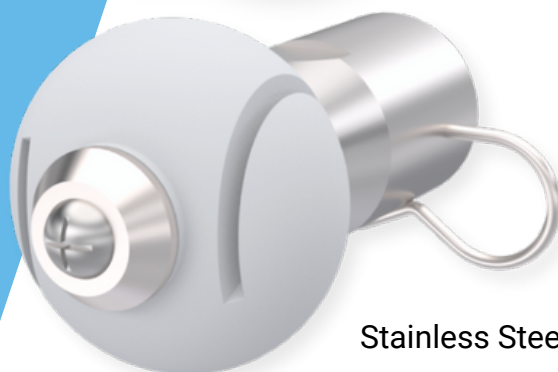


TWK Rotating Nozzle

TWK series rotating nozzles deliver true 360° coverage in a compact design. Available in plastic or stainless steel with threaded or sanitary connections.



Plastic



Stainless Steel

Spray Characteristics

The bearing mechanism is self-lubricating and self-cleaning. This nozzle can be installed in any orientation and is effective in vessels up to 3 meters (10 feet) in diameter. The maximum recommended operating pressure is 100 PSI at 180°F.

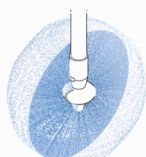
Typical Applications

- ✓ Keg Washing
- ✓ Carboy/Jug Washing
- ✓ Barrel Washing/Rinsing
- ✓ Spray Tank Washing
- ✓ Small Tank Rinsing
- ✓ Machine Clean-In-Place (C.I.P)

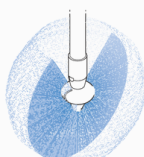
Special Features

- ✓ True 360° coverage
- ✓ FDA approved materials
- ✓ Keyed ball cannot be installed backwards
- ✓ Easy disassembly/assembly and cleaning

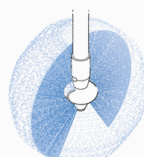
Coverage Options



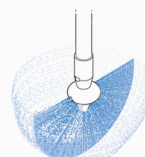
TWK360



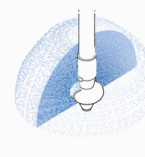
TWK270



TWK072



TWK180



TWK081

Construction

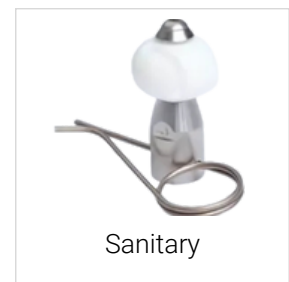
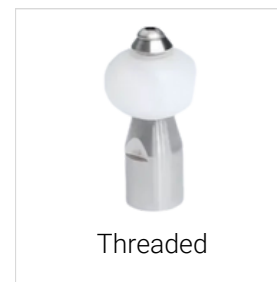


Plastic Rotating Nozzle	Stainless Steel Rotating Nozzle
Machined from bar stock. Sanitary Connection (Includes Stainless Steel Cotter Pin) 1/2" Hole Supply Tubing	Standard nozzle body material is 316 stainless steel. Spray ball is available in a variety of materials. Sanitary Connection (Includes Stainless Steel Hitch Pin) 3/32" Hole Supply Tubing

Plastic



Stainless Steel



Standard Materials

L Polypropylene

T Teflon

K PVDF

6 316 Stainless Steel (PVDF Bushings)

*Other materials available upon request.



TWK Plastic Rotating Nozzle



Model	Maximum Free Passage inches	Spray Coverage	Sanitary Tubing Size inches	Capacities at Various Pressures USGPM										Dimensions		
				5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	"D"	"A"	"L"
1/4TWK36050	0.063	360°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK36075	0.063	360°	0.630	2.69	3.2	3.8	4.7	5.4	6.6	7.6	9.3	10.7	12.0	0.375	1.25	2.50
1/2TWK360100	0.063	360°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK360180	0.063	360°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1/4TWK27050	0.063	270°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK27075	0.063	270°	0.630	2.69	3.2	3.8	4.7	5.4	6.6	7.6	9.3	10.7	12.0	0.375	1.25	2.50
1/2TWK270100	0.063	270°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK270180	0.063	270°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1/4TWK07250	0.063	270°	0.500	0.88	1.05	1.25	1.53	1.77	2.17	2.50	3.06	3.5	4.0	0.375	1.00	2.00
3/8TWK07275	0.063	270°	0.630	1.34	1.59	1.90	2.33	2.69	3.3	3.8	4.7	5.4	6.0	0.375	1.25	2.50
1/2TWK072100	0.063	270°	0.750	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.50	2.90
3/4TWK072180	0.063	270°	1.000	3.2	3.8	4.5	5.5	6.4	7.8	9.0	11.0	12.7	14.2	0.500	2.00	3.9
1/4TWK18050	0.063	180°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK18050	0.063	180°	0.630	2.69	3.2	3.8	4.7	5.4	6.6	7.6	9.3	10.7	12.0	0.375	1.25	2.50
1/2TWK18050	0.063	180°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK18050	0.063	180°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1/4TWK08150	0.063	180°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK08175	0.063	180°	0.630	2.69	3.2	3.8	4.7	5.4	6.6	7.6	9.3	10.7	12.0	0.375	1.25	2.50
1/2TWK081100	0.063	180°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK081180	0.063	180°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9

*Sanitary Connection styles include a "S" at the start of the Model #. For example: S1/4TWK36050



TWK Steel Rotating Nozzle



Model	Maximum Free Passage inches	Spray Coverage	Sanitary Tubing Size inches	Capacities at Various Pressures USGPM										Dimensions		
				5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	"D"	"A"	"L"
1/4TWK36050	0.063	360°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK36075	0.063	360°	0.630	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9	0.375	1.25	2.50
1/2TWK360100	0.063	360°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK360180	0.063	360°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1TWK360320	0.125	360°	1.250	11.3	13.4	16.0	19.6	22.6	27.7	32	39	45	51	0.500	2.00	4.5
1/4TWK27050	0.063	270°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK27075	0.063	270°	0.630	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9	0.375	1.25	2.50
1/2TWK270100	0.063	270°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK270180	0.063	270°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1TWK360320	0.125	360°	1.250	11.3	13.4	16.0	19.6	22.6	27.7	32	39	45	51	0.500	2.00	4.5
1TWK360500	0.152	360°	1.250	17.7	20.9	25.0	30.6	35	43	50	XXX	71	79	0.500	2.00	4.5
1/4TWK07250	0.063	270°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK07275	0.063	270°	0.630	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9	0.375	1.25	2.50
1/2TWK072100	0.063	270°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK072180	0.063	270°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1TWK360320	0.125	360°	1.250	11.3	13.4	16.0	19.6	22.6	27.7	32	39	45	51	0.500	2.00	4.5
1TWK360500	0.152	360°	1.250	17.7	20.9	25.0	30.6	35	43	50	XXX	71	79	0.500	2.00	4.5
1/4TWK18050	0.063	180°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK18075	0.063	180°	0.630	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9	0.375	1.25	2.50
1/2TWK180100	0.063	180°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK180180	0.063	180°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1TWK360320	0.125	360°	1.250	11.3	13.4	16.0	19.6	22.6	27.7	32	39	45	51	0.500	2.00	4.5
1TWK360500	0.152	360°	1.250	17.7	20.9	25.0	30.6	35	43	50	XXX	71	79	0.500	2.00	4.5
1/4TWK08150	0.063	180°	0.500	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	0.375	1.00	2.00
3/8TWK08175	0.063	180°	0.630	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9	0.375	1.25	2.50
1/2TWK081100	0.063	180°	0.750	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	0.375	1.50	2.90
3/4TWK081180	0.063	180°	1.000	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	0.500	2.00	3.9
1TWK360320	0.125	360°	1.250	11.3	13.4	16.0	19.6	22.6	27.7	32	39	45	51	0.500	2.00	4.5
1TWK360500	0.152	360°	1.250	17.7	20.9	25.0	30.6	35	43	50	61	71	79	0.500	2.00	4.5

*Sanitary Connection styles include a "S" at the start of the Model #. For example: S1/4TWK36050