

TANK CLEANING



TW-6353
Static nozzle



TW-6355
Static nozzle



TW-6358
Static nozzle



TW-28250
Fluid driven nozzle



TW-500
Fluid driven nozzle



TW-27500
PTFE nozzle



TW-19250
Fluid driven nozzle



TW-36250
Fluid driven nozzle

DESIGN FEATURES

• Key feature overview for TW-6353:

- Large-flow capacity rinses tanks up to 10' in diameter.
- Uses 1/4" or 3/8" full cone nozzles.
- Flow rate range: 8.9 to 60 gpm (35 to 230 l/min).
- Tank opening size: 6" (152 mm).

• Key feature overview for TW-6358:

- Extra-large flow capacity cleans larger tanks up to 22' (6.7 m).
- Adaptable assembly accepts 1/2", 3/4" or 1" full cone nozzles.
- To rinse deeper tanks, use 12900-2 which has 1-1/2" bottom outlet connection for use with a pipe extension and a 6353 nozzle assembly.
- Flow rate range: 72 to 385 gpm (280 to 1470 l/min).

• Key feature overview for TW-500:

- Medium impact scrubbing of tanks up to 8 feet in diameter
- Slow rotational speed and low atomization characteristics.
- Available in pipe connection size of 1/2", 1" and 1-1/2".
- 316 Stainless Steel for the body and PTFE for the rotor .
- Flow rate range: 32 to 62 gpm.

• Key feature overview for TW-19250:

- Cleans tanks up to 3' (0.9 m) in diameter.
- Tank opening size: 1-1/32" (26 mm).
- 23240-2 spray coverage: side spray.
- 23240-3 spray coverage: 360°.
- Flow rate range: 3.5 to 22 gpm (14 to 79 l/min).
- Pressure range: 20 to 200 psi (1.5 to 12 bar).

• Key feature overview for TW-6355:

- Large-flow capacity rinses tanks up to 10' in diameter.
- Reliability and increased rinsing action are achieved through 3/8" Maximum Free Passage FullJet nozzles to help prevent clogging.
- Flow rate range: 25 to 80 gpm (93 to 301 l/min).
- Tank opening size: 6" (152 mm).

• Key feature overview for TW-28250:

- Compact rotating-type drum cleaning nozzle fits through openings just 2-1/4" (60 mm).
- Maximum tank diameter: 5' (1.5 m).
- Weight: 24 oz. (0.68 kg).
- Flow rate range: 5 to 22 gpm (23 to 82 l/min).

• Key feature overview for TW-27500:

- Ideal for light washing and rinsing of tanks.
- Provide a 360° coverage inside the tanks.
- Available in pipe connection size of 1/2", 3/4" and 1".
- Material: completely TEFLON .
- Flow rate range: 8 to 50 gpm.

• Key feature overview for TW-36250:

- Compact rotating-type drum cleaning nozzle fits through openings just 2-1/4" (60 mm).
- Maximum tank diameter: 5' (1.5 m).
- Material: TEFLON .

TANK CLEANING



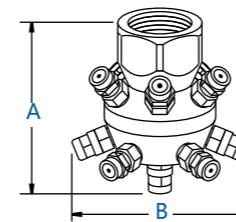
COMMON APPLICATIONS

- Tank cleaning
- Drum cleaning
- Food processing tanks washing
- Vessel cleaning
- Barrel cleaning

SPECIFICATIONS-TW-6353

Nozzle No.	With Full cone Nozzles Order No.	Max. Free Pass (mm)	Capacity (l/min)			
			1.5 bar	2 bar	3 bar	3.5 bar
TW-6353-1	3/8 HH 14	3.2	93	108	118	123
TW-6353-2	3/8 HH 22	4.0	143	167	187	204
TW-6353-3	3/8 HH 32	4.8	206	246	276	301

Dimensions and Weights-TW-6353

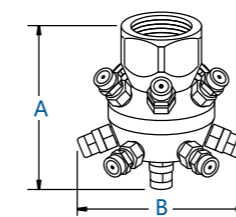


Nozzle No.	A	B Dia.	Weight
TW-6353-3/8HH14	4-1/2" (114 mm)	4-1/2" (114 mm)	1.6 kg
TW-6353-3/8HH22	4-1/2" (114 mm)	4-1/2" (114 mm)	1.6 kg
TW-6353-3/8HH32	4-3/4" (121 mm)	5" (127 mm)	1.6 kg

SPECIFICATIONS-TW-6355

Nozzle No.	With Full cone Nozzles Order No.	Max. Free Pass (mm)	Capacity (l/min)			
			1.5 bar	2 bar	3 bar	3.5 bar
TW-6355-1	1/4 BGG 5	1.3	35	40	48	52
TW-6355-2	1/4 BGG 10	1.6	70	80	97	104
TW-6355-3	3/8 BGG 22	2.8	155	177	215	230

Dimensions and Weights-TW-6355



Nozzle No.	A	B Dia.	Weight
TW-6355-1	4-1/2" (114 mm)	4-1/2" (114 mm)	1.6 kg
TW-6355-2	4-1/2" (114 mm)	4-1/2" (114 mm)	1.6 kg
TW-6355-3	4-3/4" (121 mm)	5" (127 mm)	2.0 kg

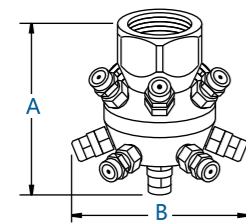
Spray Coverage-TW-6355



SPECIFICATIONS-TW-6358

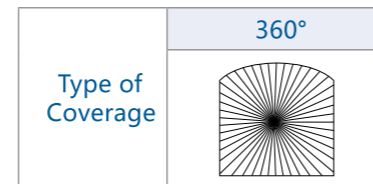
Nozzle No.	With Full cone Nozzles Order No.	Max. Free Pass (mm)	Capacity (l/min)			
			1.5 bar	2 bar	3 bar	3.5 bar
TW-6358-1	½ HH 40	3.6	280	320	390	415
TW-6358-2	¾ HH 7	5.2	580	660	800	860
TW-6358-3	1 HH 12	6.4	1000	1130	1370	1470

Dimensions and Weights-TW-6358



Nozzle No.	A	B Dia.	Weight
TW-6358-1	6-17/32" (166 mm)	7-1/2" (191 mm)	6.2 kg
TW-6358-2	6-27/32" (174 mm)	8-1/4" (210 mm)	6.9 kg
TW-6358-3	7-7/32" (183 mm)	9" (229 mm)	8.2 kg

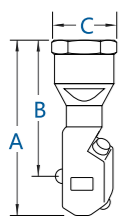
Spray Coverage-TW-6358



SPECIFICATIONS-TW-28250

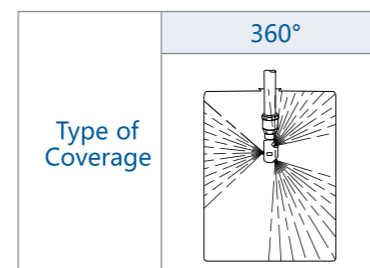
Nozzle No.	Capacity (l/min)					
	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar
TW-28250-316SS10	23	28	32	36	39	46
TW-28250-316SS18	41	50	58	65	71	82

Dimensions and Weights-TW-28250

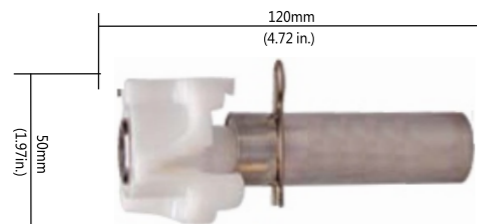


A	B	C	Hex.	Weight
5-9/32" (134 mm)	4-25/64" (111.5 mm)	1-3/4" (44.5 mm)	1-5/8" (34.9 mm)	0.68 kg

Spray Coverage-TW-28250



SPECIFICATIONS-TW-500

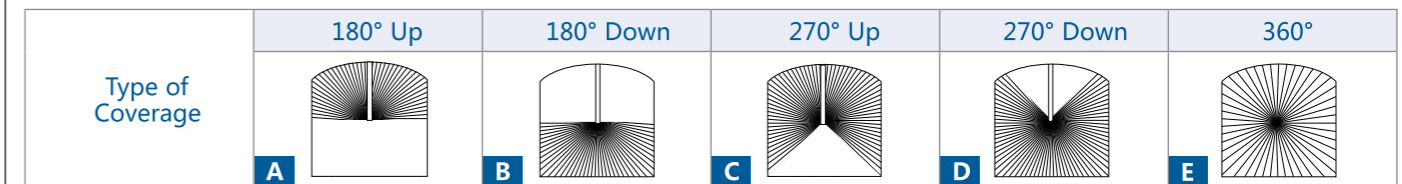


Pressure (BAR)	Flow rate (L/m)	Spray coverage (m)
1.4	76	1.8
2.1	95	2.1
2.8	110	2.1
3.4	125	1.8
4.1	132	1.5

SPECIFICATIONS-TW-27500

Nozzle No.	Orifice Dia. (mm)	Capacity (l/min)				Max. Tank Dia. (m)
		0.7 bar	1.5 bar	2 bar	3 bar	
27500 (A thru E) ½ 8	2.4	4.0 (15.3)	5.7 (22)	6.9 (26)	8.0 (32)	10' (3.0)
27500 (A thru E) ¾ 18	2.4	9.0 (34)	12.7 (50)	15.6 (58)	18 (71)	15' (4.3)
27500 (A thru E) ¾ 32	4.0	16 (61)	23 (89)	28 (103)	32 (126)	15' (4.3)
27500 (A thru E) ¾ 46	6.0	23 (88)	33 (130)	40 (148)	46 (182)	15' (4.3)
27500 (A thru E) 1 50	4.0	25 (95)	35 (140)	43 (161)	50 (197)	18' (5.5)
27500 (A thru E) 1 70	5.6	35 (133)	49 (195)	61 (225)	70 (275)	18' (5.5)
27500 (A thru E) 1 90	7.5	45 (172)	64 (250)	78 (290)	90 (355)	18' (5.5)

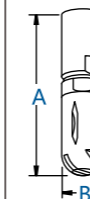
Spray Coverage-TW-27500



SPECIFICATIONS-TW-19250

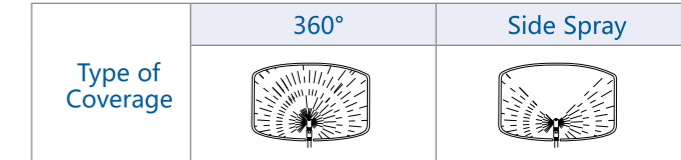
Nozzle No.	Capacity gpm (l/min)							
	20 psi (1.5 bar)	40 psi (3 bar)	60 psi (4 bar)	80 psi (5 bar)	100 psi (6 bar)	120 psi (8 bar)	150 psi (10 bar)	200 psi (12 bar)
19250-2-316SS-5	3.5 (14)	5.0 (19.7)	6.1 (23)	7.1 (25)	7.9 (28)	8.7 (32)	9.7 (36)	11.2 (39)
19250-2-316SS-8	5.7 (22)	8.0 (32)	9.8 (36)	11.3 (41)	12.6 (45)	13.9 (52)	15.5 (58)	17.9 (63)
19250-3-316SS-5.7	4.0 (15.9)	5.7 (22)	7.0 (26)	8.1 (29)	9.0 (32)	9.9 (37)	11.0 (41)	12.7 (45)
19250-3-316SS-7	4.9 (19.5)	7.0 (28)	8.6 (32)	9.9 (36)	11.1 (39)	12.1 (45)	13.6 (50)	15.7 (55)
19250-3-316SS-10	7.1 (28)	10.0 (39)	12.2 (46)	14.1 (51)	15.8 (56)	17.3 (64)	19.4 (72)	22 (79)

Dimensions and Weights-TW-19250



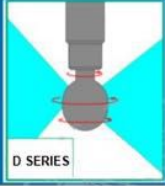
Nozzle No.	A	B Dia.	Weight
19250	3-1/2" (89 mm)	1" (25.4 mm)	8 oz. (0.23 kg)

Spray Coverage-TW-19250



SPECIFICATIONS-TW-36250

Nozzle No.	Capacity (l/min)					
	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar
TW-36250-16 PP	49	59	68	76	84	94
TW-36250-18 PP	101	121	140	159	179	201



Slotted Rotating Tank Washing Nozzle

Applications

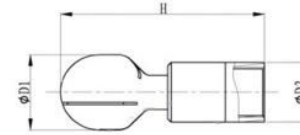
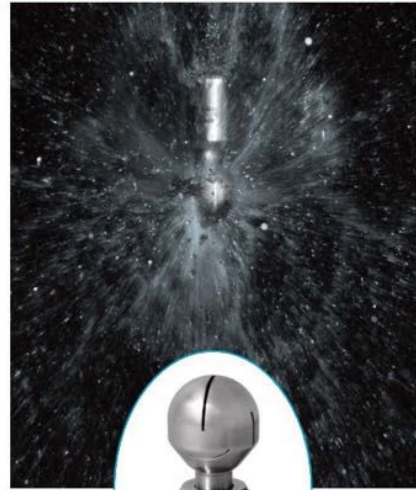
25250 tank clean nozzle directs the cleaning water through a rotating head at the tip of the spray assembly. This produces a vigorous moving spray action against all areas of the walls of a tank. The spray pattern from the head uses impact and repetition to quickly wash the tank. This spray pattern is especially effective at breaking up and removing contaminants.

Advantages

- Cleans more quickly, and uses less water and lower pressure than static tank washers
- Lower flow and pressure mean smaller pump size resulting in lower operating costs

Specifications

Materials:	316SS/304SS/customized
Lubricants:	Self-lubrication
Working pressure:	1-4 bar
Suggested operation pressure:	2-3 bar
Max. pressure:	4 bar
Max. working temp.:	95°C
Max. environment temp.:	140°C
Spray angle:	360°/180°/customized
Installation:	Any directions



spray angle

360°

180° up

180° down

Model No.	Flow rate (L/min)			Dimensions (mm)			Tank opening	Connections		
	1.5 bar	2bar	3 bar	D1	D2	H		BSPF female	Welding	Plug
D10	6	7	9	10	9	38	10	M6x0.75	8mm	/
D15	13.9	16	20	17.5	14.5	53.5	17.5	1/8"	1/2"	1/2"TF
D20	31	36	44	25	21	73	25	3/8"	3/4"	3/4"TF
D25	42	49	61	32	26	94	32	1/2"	1"	3/4"TF
D32	56	64.5	83	40	32	113.5	40	3/4"	1-1/4"	1"TF
D38	77	89	115	45	39	131.06	45	3/4"- 1"	1-1/2"	1-1/4"TF
D50	117	135	165	64.5	59	154	64.5	1-1/2"	2"	1-1/2"TF

Performance

