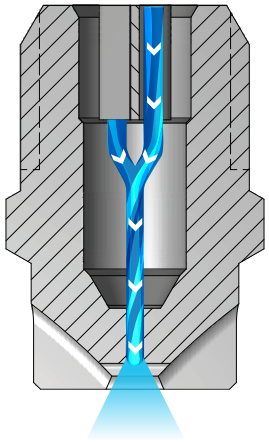
WASHJET® NOZZLES

S HIGH IMPACT STANDARD ANGLE SPRAY

OVERVIEW: WASHJET

- High-impact sprays and high pressure operation ensure optimal cleaning – ideal for pressure washing
- Long wear life – 400 series stainless steel material
- Flat spray nozzles provide an even edge fan type spray pattern
- Uniform spray distribution from .27 to 78 gpm (1.0 to 290 lpm) by using optional internal guide vane to stabilize liquid turbulence
- Spray angles from 0° (solid stream) to 65° for MEG, WEG and MEG-SSTC; 0° to 80° for IMEG
- Operating pressures from 300 to 4000 psi (20 to 275 bar)
- MEG-SSTC nozzles have tungsten carbide orifice inserts for maximum erosion resistance
- IMEG® versions are ideal for critical, demanding operations Features:
  - Patented design that optimizes fluid dynamics by minimizing turbulence
  - Higher impact per unit area than MEG nozzles



WashJet Nozzles
As the liquid exits through the rounded U shape of the orifice, it forms into a flat spray pattern. The distribution is even at pressures above 300 psi (20 bar).

WASHJET OPTIONS

MEG
1/8" to 1/4" male conn.

WEG
1/8" to 1/4" female conn.

MEG-SSTC
1/4" male conn.

IMEG
1/8" to 1/4" male conn.

ORDERING INFORMATION

WASHJET MEG, WEG, MEG-SSTC AND IMEG WITH GUIDE VANE

Inlet Conn.	Nozzle Type	–	Spray Angle	Capacity Size

Example: 1/4 MEG – 15 04

BSPT connections require the addition of a "B" prior to the inlet connection.

WASHJET MEG, WEG, MEG-SSTC AND IMEG WITHOUT GUIDE VANE

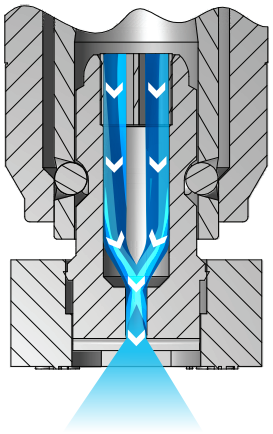
Inlet Conn.	Nozzle Type	–	Spray Angle	Capacity Size

Example: 1/4 SAMEG – 15 04

BSPT connections require the addition of a "B" prior to the inlet connection.

OVERVIEW: QUICK-CONNECT WASHJET

- QCMEG and QCIMEG fit in Parker® ST fitting or equivalent
- Color-coded nozzle guards for easy spray angle identification
- Locating ribs on nozzle guards for fast alignment and easy spray pattern direction
- High impact sprays and high pressure operation ensure effective cleaning
- Long wear life – 400 series stainless steel material
- Uniform spray distribution from .55 to 15 gpm (2.0 to 57 lpm) by using optional internal guide vane to stabilize liquid turbulence
- Spray angles from 0° (solid stream) to 40°
- QCIMEG versions are ideal for critical, demanding operations. Features:
  - Patented design that optimizes fluid dynamics by minimizing turbulence
  - Higher impact per unit area than QCMEG nozzles



Quick-Connect WashJet Nozzles
As the liquid exits through the rounded U shape of the orifice, it forms into a flat spray pattern. The distribution is even at pressures above 300 psi (20 bar).

QUICK-CONNECT WASHJET OPTIONS

S

QCMEG
1/4" quick-connect

S

QCIMEG
1/4" quick-connect

ORDERING INFORMATION

QUICK-CONNECT WASHJET QCMEG AND QCIMEG WITH GUIDE VANE

Nozzle Type	–	Spray Angle	Capacity Size

Example: **QCMEG** – **15** **05**

QUICK-CONNECT WASHJET QCMEG AND QCIMEG WITHOUT GUIDE VANE

Nozzle Type	–	Spray Angle	Capacity Size

Example: **SAQCMEG** – **15** **05**

RELATIVE DROP SIZE
IN MICRONS

10 to 100	100 to 500	500 to 1000	1000 to 5000

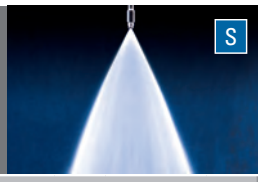
Drop size will vary based on flow rate and pressure.

QUICK REFERENCE GUIDE

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
MEG	M	1/8 to 1/4	Hardened stainless steel	C34–C35	C37
WEG	F	1/8 to 1/4		C35	
MEG-SSTC	M	1/4		C34–C35	
IMEG®	M	1/8 to 1/4		C36	
QCMEG	NA	NA		C36	
QCIMEG	NA	NA		C37	

F = female thread; M = male thread; NA = not applicable. Material is built into part number for ordering.
For more dimensions and sizes, contact your sales engineer.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY



Nozzle Type and Spray Angle																						Capacity Size	Flow Rate Capacity (gallons per minute)								
1/8 MEG							1/4 MEG							1/4 MEG-SSTC																	
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
									●					●		●			●		01	.10	.27	.35	.43	.50	.61	.71	.79	.87
									●												015	.15	.41	.53	.65	.75	.92	1.1	1.2	1.3
●	●	●	●	●			●	●	●	●	●		●	●		●		●	●		02	.20	.55	.71	.87	1.0	1.2	1.4	1.6	1.7
													●								025	.25	.68	.88	1.1	1.3	1.5	1.8	2.0	2.2
●		●	●	●	●		●	●	●	●	●	●	●	●		●			●	●	03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6
							●		●	●	●										035	.35	.96	1.2	1.5	1.8	2.1	2.5	2.8	3.0
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●		●	●	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5
●		●	●	●		●	●		●	●	●		●			●	●				045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●				055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●			06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2
●		●	●	●			●		●	●	●		●								065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1
●		●	●	●			●		●	●	●										075	.75	2.1	2.7	3.2	3.8	4.6	5.3	5.9	6.5
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		●	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9
●		●	●	●			●		●	●	●										085	.85	2.3	3.0	3.7	4.3	5.2	6.0	6.7	7.4
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		●	09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8
		●	●				●			●											095	.95	2.6	3.4	4.1	4.8	5.8	6.7	7.5	8.2
●		●	●	●	●	●	●		●	●	●	●	●	●		●	●				10	1.0	2.7	3.5	4.3	5.0	6.1	7.1	7.9	8.7
●			●				●		●	●	●										11	1.1	3.0	3.9	4.8	5.5	6.7	7.8	8.7	9.5
●		●	●																		115	1.2	3.1	4.1	5.0	5.8	7.0	8.1	9.1	10.0
●				●			●	●	●	●	●	●	●			●					12	1.2	3.3	4.2	5.2	6.0	7.3	8.5	9.5	10.4
●							●		●	●	●										125	1.3	3.4	4.4	5.4	6.3	7.7	8.8	9.9	10.8

*0° = Solid Stream.

Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Nozzle Type and Spray Angle																				Capacity Size	Flow Rate Capacity (gallons per minute)								
1/8 MEG							1/4 MEG							1/4 MEG-SSTC															
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
●							●		●	●	●										13	1.3	3.6	4.6	5.6	6.5	8.0	9.2	10.3	11.3
	●								●	●											14	1.4	3.8	4.9	6.1	7.0	8.6	9.9	11.1	12.1
●		●	●				●	●	●	●	●	●	●	●		●		●		●	15	1.5	4.1	5.3	6.5	7.5	9.2	10.6	11.9	13.0
		●					●		●												16	1.6	4.4	5.7	6.9	8.0	9.8	11.3	12.6	13.9
							●		●	●	●			●							18	1.8	4.9	6.4	7.8	9.0	11.0	12.7	14.2	15.6
●							●	●	●	●	●	●	●	●							20	2.0	5.5	7.1	8.7	10.0	12.2	14.1	15.8	17.3
							●	●	●	●	●										25	2.5	6.8	8.8	10.8	12.5	15.3	17.7	19.8	22
							●	●	●	●	●		●								30	3.0	8.2	10.6	13.0	15.0	18.4	21	24	26
							●		●	●	●										35	3.5	9.6	12.4	15.2	17.5	21	25	28	30
							●	●	●	●	●										40	4.0	11.0	14.1	17.3	20	24	28	32	35
							●		●	●	●										50	5.0	13.7	17.7	22	25	31	35	40	43
							●		●	●	●										60	6.0	16.4	21	26	30	37	42	47	52
							●														70	7.0	19.2	25	30	35	43	49	55	61
							●														80	8.0	22	28	35	40	49	57	63	69
							●														90	9.0	25	32	39	45	55	64	71	78

*0° = Solid Stream.

Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Nozzle Type and Spray Angle														Capacity Size	Flow Rate Capacity (gallons per minute)								
1/8 WEG							1/4 WEG																
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
		●	●	●										03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6
●		●	●	●	●	●	●		●	●	●		●	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5
		●	●	●					●	●	●			045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9
●		●	●	●	●	●	●		●	●	●	●	●	05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3
●		●	●	●	●	●	●		●	●				055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8
●		●	●	●	●	●	●		●	●	●			06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2
				●					●					065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6
●		●	●	●	●	●	●		●	●	●		●	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1
●		●	●	●	●	●	●		●	●	●			08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9
●		●	●	●										085	.85	2.3	3.0	3.7	4.3	5.2	6.0	6.7	7.4
●		●	●	●	●	●	●		●	●	●			09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8
			●											095	.95	2.6	3.4	4.1	4.8	5.8	6.7	7.5	8.2
●		●	●	●	●	●	●		●	●	●			10	1.0	2.7	3.5	4.3	5.0	6.1	7.1	7.9	8.7
							●							15	1.5	4.1	5.3	6.5	7.5	9.2	10.6	11.9	13.0
		●												16	1.6	4.4	5.7	6.9	8.0	9.8	11.3	12.6	13.9
●														20	2.0	5.5	7.1	8.7	10.0	12.2	14.1	15.8	17.3
							●							30	3.0	8.2	10.6	13.0	15.0	18.4	21	24	26

*0° = Solid Stream.

Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Inlet Conn. (in.)	Nozzle Type	Spray Angle at 40 psi								Capacity Size	Flow Rate Capacity (gallons per minute)										
	IMEG®	5°	10°	15°	25°	40°	50°	65°	80°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi	3500 psi	4000 psi
1/8, 1/4	●	●	●	●	●	●	●	●	●	03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6	2.8	3.0
	●	●	●	●	●	●	●	●	●	035	.35	.96	1.2	1.5	1.8	2.1	2.5	2.8	3.0	3.3	3.5
	●	●	●	●	●	●	●	●	●	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5	3.7	4.0
	●	●	●	●	●	●	●	●	●	045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9	4.2	4.5
	●	●	●	●	●	●	●	●	●	05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3	4.7	5.0
	●	●	●	●	●	●	●	●	●	055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8	5.1	5.5
	●	●	●	●	●	●	●	●	●	06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2	5.6	6.0
	●	●	●	●	●	●	●	●	●	065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6	6.1	6.5
	●	●	●	●	●	●	●	●	●	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1	6.5	7.0
	●	●	●	●	●	●	●	●	●	075	.75	2.1	2.7	3.2	3.8	4.6	5.3	5.9	6.5	7.0	7.5
	●	●	●	●	●	●	●	●	●	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9	7.5	8.0

Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Nozzle Type	Spray Angle at 40 psi				Capacity Size	Flow Rate Capacity (gallons per minute)										
QCMEG	0°* (Red)	15° (Yellow)	25° (Green)	40° (White)		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi	3500 psi	4000 psi
●			●	●	02	.20	.55	.71	.87	1.0	1.2	1.4	1.6	1.7	1.9	2.0
●	●	●	●		03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6	2.8	3.0
●	●	●	●	●	035	.35	.96	1.2	1.5	1.8	2.1	2.5	2.8	3.0	3.3	3.5
●	●	●	●	●	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5	3.7	4.0
●	●	●	●	●	045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9	4.2	4.5
●	●	●	●	●	05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3	4.7	5.0
●	●	●	●	●	055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8	5.1	5.5
●	●	●	●	●	06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2	5.6	6.0
●	●	●	●	●	065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6	6.1	6.5
●	●	●	●	●	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1	6.5	7.0
●	●	●	●	●	075	.75	2.1	2.7	3.2	3.8	4.6	5.3	5.9	6.5	7.0	7.5
●	●	●	●	●	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9	7.5	8.0
●		●	●	●	09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8	8.4	9.0
●	●	●	●	●	10	1.0	2.7	3.5	4.3	5.0	6.1	7.1	7.9	8.7	9.4	10.0
●	●	●	●	●	12	1.2	3.3	4.2	5.2	6.0	7.3	8.5	9.5	10.4	11.2	12.0
●		●		●	15	1.5	4.1	5.3	6.5	7.5	9.2	10.6	11.9	13.0	14.0	15.0

*0° = Solid Stream.

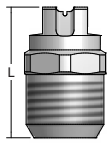
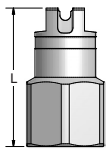
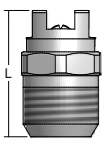
Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

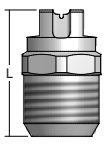
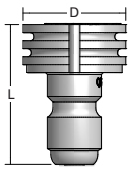
Nozzle Type	Spray Angle at 40 psi				Capacity Size	Flow Rate Capacity (gallons per minute)										
QCIMEG	10° (Orange)	15° (Yellow)	25° (Green)	40° (White)		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi	3500 psi	4000 psi
•			•	•	02	.20	.55	.71	.87	1.0	1.2	1.4	1.6	1.7	1.9	2.0
•	•	•	•	•	03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6	2.8	3.0
•	•	•	•	•	035	.35	.96	1.2	1.5	1.8	2.1	2.5	2.8	3.0	3.3	3.5
•	•	•	•	•	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5	3.7	4.0
•	•	•	•	•	045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9	4.2	4.5
•	•	•	•	•	05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3	4.7	5.0
•	•	•	•	•	055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8	5.1	5.5
•	•	•	•	•	06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2	5.6	6.0
•	•	•	•	•	065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6	6.1	6.5
•	•	•	•	•	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1	6.5	7.0
•	•	•	•	•	075	.75	2.1	2.7	3.2	3.8	4.6	5.3	5.9	6.5	7.0	7.5
•	•	•	•	•	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9	7.5	8.0
•		•	•	•	09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8	8.4	9.0

Highlighted column shows the rated pressure.

DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	D (Dia.) (in.)	Flats (in.)	Net Weight (oz.)
	**MEG (M)**	1/8	1.000	9/16	–	0.313	0.6
		1/4	1.000	9/16	–	0.406	0.8
	**WEG (F)**	1/8	1.125	1/2	–	0.313	0.9
		1/4	1.125	5/8	–	0.313	0.7
	**MEG-SSTC (M)**	1/4	0.906	9/16	–	0.406	0.6

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	D (Dia.) (in.)	Flats (in.)	Net Weight (oz.)
	**IMEG® (M)**	1/8	0.875	1/2	–	0.313	0.6
		1/4	0.906	9/16	–	0.406	0.8
	**QCMEG/ QCIMEG**	–	1.219	–	0.969	–	0.8

Based on the largest/heaviest version of each type.