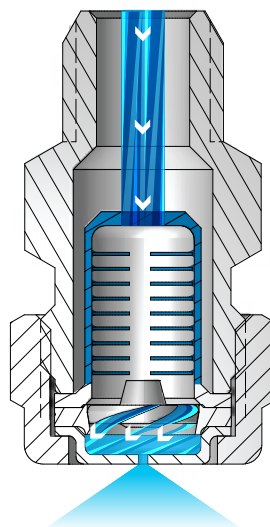


**OVERVIEW: UNIJET**

- Quick-connect nozzles reduce maintenance time – bodies remain on pipe/header
- Save on nozzle replacement costs – bodies can be reused, only spray tips are replaced; tips fit on male or female bodies
- Solid cone-shaped spray pattern with round impact area or cone-shaped spray pattern with square-like impact area for coverage of rectangular areas or spray zones
- Spray angles: Standard – 43° to 91°, Wide – 112° to 120°
- Uniform spray distribution from .08 to 7.4 gpm (.3 to 28 lpm)
- Operating pressures up to 300 psi (20 bar)



**UniJet D and TG Nozzles**

As the liquid enters the nozzle, it passes through an internal strainer and into the slotted core where the swirling begins. The swirling continues as the liquid passes through a disc. The breakup of the liquid occurs as it exits the orifice, producing a well-defined cone pattern. The drops are uniform in size and distributed equally throughout the spray pattern.

**UNIJET OPTIONS**

**S**

Tip Retainer

D Disc

Core

Strainer

T Body

**D Spray Tip + T Body**  
1/4" female conn.  
Disc and core type  
Use with slotted strainer and tip retainer

**TT Body/Cap**  
1/8" to 1/2" male conn.

**T Body/Cap**  
1/8" to 1/2" female conn.

**S**

**TG Spray Tip**  
Use with T or TT bodies and tip retainer

**W**

**TG-W Spray Tip**  
Use with T or TT bodies and tip retainer

**S**

**TG-SQ Spray Tip**  
Use with T or TT bodies and tip retainer

**W**

**TH-W Spray Tip**  
Tip and retainer in one  
Use with T or TT bodies



**S** PERFORMANCE DATA:  
**STANDARD ANGLE SPRAY**

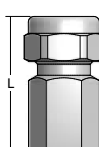
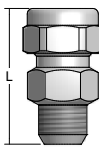
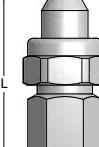
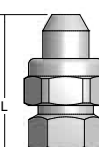
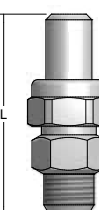
Body Inlet Conn. (in.)	UniJet Tip Type	Capacity Size	Orifice Dia. Nom. (in.)	Max. Free Passage Dia. (in.)	Flow Rate Capacity (gallons per minute)								Spray Angle (°)		
					5 psi	7 psi	10 psi	20 psi	40 psi	80 psi	100 psi	150 psi	7 psi	20 psi	80 psi
1/4	●	6SQ	.094	.050	.44	.51	.60	.83	1.1	1.6	1.7	2.1	60	66	60
	●	8SQ	.099	.050	.58	.68	.80	1.1	1.5	2.1	2.3	2.8	70	75	68
	●	10SQ	.109	.063	.73	.85	1.0	1.4	1.9	2.6	2.9	3.5	62	66	60
	●	12SQ	.125	.063	.87	1.0	1.2	1.7	2.3	3.1	3.5	4.2	70	75	68
3/8	●	18SQ	.156	.094	1.3	1.5	1.8	2.5	3.4	4.7	5.2	6.3	71	75	68

Maximum Free Passage Diameter is the maximum diameter as listed of foreign matter that can pass through the nozzle without clogging.

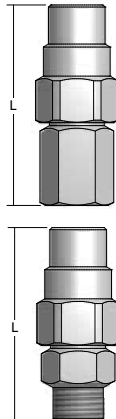
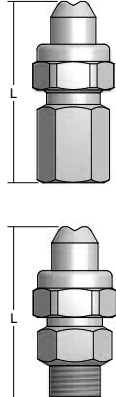
Other body sizes may be available. Contact your sales engineer for further information.

**Highlighted column shows the rated pressure.**

**DIMENSIONS AND WEIGHTS**

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	<b>T (F) + D</b>	1/4	1.500	13/16	2.1
	<b>TT (M) + D</b>	1/4	1.500	13/16	1.9
	<b>T (F) + TG</b>	1/4	1.844	13/16	2.3
	<b>TT (M) + TG</b>	1/4	1.844	13/16	2.1
	<b>T (F) + TG-W TT (M) + TG-W</b>	1/8	2.078	13/16	2.1
		1/4	2.078	13/16	2.3

Based on the largest/heaviest version of each type. Additional sizes are available.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	<b>T (F) + TH-W TT (M) + TH-W</b>	1/8	2.157	13/16	3.8
		1/4	2.673	13/16	3.7
		3/8	2.679	13/16	4.1
		1/2	2.610	1	4.3
	<b>T (F) + TG-SQ TT (M) + TG-SQ</b>	1/4	2.281	13/16	1.7
		3/8	2.288	13/16	2.1

Based on the largest/heaviest version of each type. Additional sizes are available.

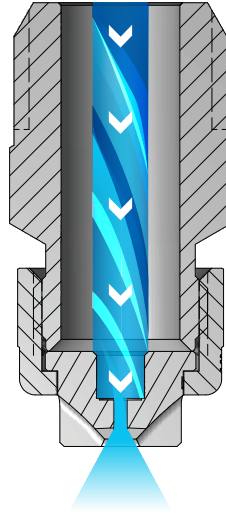
FLAT  
SPRAY

UNIJET® NOZZLES

**S** STANDARD ANGLE SPRAY

**OVERVIEW: UNIJET**

- A large choice of interchangeable spray tips, body types/sizes, materials, spray angles, flow rates and accessories allows use of different components in a single header to match performance to different operations
- Save on nozzle replacement costs – bodies can be reused, only spray tips are replaced
- Design allows easy tip change out in place – remove tips by unscrewing the retainer cap
- Recessed orifices to protect against damage
- Flat fan type, tapered edge spray pattern
- Spray angles from 0° to 110°
- Uniform spray distribution with flow rates from .003 to 25 gpm (.013 to 94 lpm)
- Operating pressures up to 500 psi (35 bar)



**UniJet VeeJet® Nozzles**

As the liquid exits through the sharp V shape cut of the orifice, it forms into a flat spray pattern. The distribution is tapered from the center of the spray.

**UNIJET OPTIONS**



**TPU Spray Tip + T Body**  
Use with screen strainer and tip retainer



**TT Body/Cap**  
1/8" to 1/2" male conn.



**T Body/Cap**  
1/8" to 1/2" female conn.



**13802 Spray Tip**  
Self-aligning tip  
Wrench flats on top of tip  
Straight alignment flats connection  
Use with self-aligning T or TT bodies

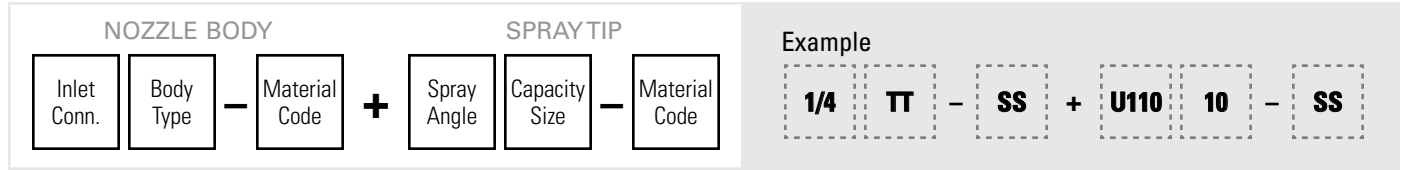
**RELATIVE DROP SIZE  
IN MICRONS**

10 to 100	100 to 500	500 to 1000	1000 to 5000
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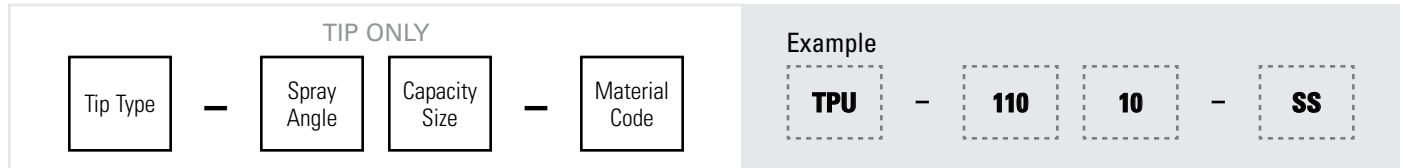
Drop size will vary based on flow rate and pressure.

ORDERING INFORMATION

UNIJET



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



UniJet nozzle assemblies include a pre-sized wire mesh based on orifice diameter. When ordering just a UniJet spray tip, the mesh is not included. See Accessories, page F6 for a mesh selection guide and ordering information.

QUICK REFERENCE GUIDE

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
<b>T body</b>	F	1/8 to 1/2	Brass, 303 stainless steel (SS)	–	C31
<b>TT body</b>	M			–	
<b>TPU spray tip</b>	NA	NA	Brass, 303 stainless steel (SS)	C25–C31	
<b>13802 spray tip</b>	NA	NA	Brass, 303 stainless steel (SS), 316 stainless steel (316 SS)	C25–C31	

F = female thread; M = male thread; NA = not applicable. There is no material code for brass. Leave material code blank when ordering. Other materials available upon request. For more dimensions and sizes, contact your sales engineer.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)								Spray Angle (°)				
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
110°	●	●	0033	.015	–	–	.023	.033	.047	.052	.07	.09	.12	91	110	116	121
	●	●	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	91	110	118	124
	●	●	0067	.021	–	–	.05	.067	.09	.11	.15	.18	.24	92	110	118	124
	●	●	01	.026	.035	.05	.07	.10	.14	.16	.22	.27	.35	94	110	121	124
	●	●	015	.032	.05	.08	.11	.15	.21	.24	.34	.41	.53	97	110	121	124
	●	●	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	98	110	120	123
	●	●	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	99	110	120	123
	●	●	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	100	110	119	122
	●	●	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	100	110	118	122

Other body types may be available. Contact your sales engineer for further information.

Highlighted column shows the rated pressure.



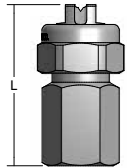
**S** PERFORMANCE DATA:  
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
0°	•	•	0009	.008	.003	.003	.005	.009	.013	.014	.020	.025	.032	0 Solid Stream			
	•	•	0012	.010	.004	.006	.008	.012	.017	.019	.027	.033	.042				
	•	•	0019	.012	.007	.009	.013	.019	.027	.030	.043	.052	.067				
	•	•	0021	.013	.007	.010	.011	.023	.033	.040	.047	.052	.074				
	•	•	0033	.016	.01	.02	.023	.033	.047	.052	.07	.09	.12				
	•	•	0050	.019	.018	.025	.035	.050	.07	.08	.11	.14	.18				
	•	•	0067	.023	.024	.033	.05	.067	.09	.11	.15	.18	.24				
	•	•	01	.028	.035	.05	.07	.10	.14	.16	.22	.27	.35				
	•	•	015	.034	.05	.08	.11	.15	.21	.24	.34	.41	.53				
	•	•	02	.039	.07	.10	.14	.20	.28	.32	.45	.55	.71				
	•	•	03	.041	.11	.15	.21	.30	.42	.47	.67	.82	1.1				
	•	•	04	.047	.14	.20	.28	.40	.57	.63	.89	1.1	1.4				
	•	•	045	.052	.16	.23	.32	.45	.64	.71	1.0	1.2	1.6				
	•	•	05	.053	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8				
	•	•	055	.055	.19	.28	.39	.55	.78	.87	1.2	1.5	1.9				
	•	•	06	.058	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1				
	•	•	065	.060	.23	.33	.46	.65	.92	1.0	1.5	1.8	2.3				
	•	•	07	.062	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5				
	•	•	08	.067	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8				
	•	•	09	.071	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2				
•	•	10	.075	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5					
•	•	11	.079	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9					
•	•	12	.082	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2					
•	•	15	.091	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3					
•	•	20	.106	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1					
•	•	30	.129	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6					
•	•	40	.149	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1					

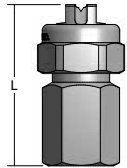
Other body types may be available. Contact your sales engineer for further information.

Highlighted column shows the rated pressure.

**DIMENSIONS AND WEIGHTS**

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	T (F) + TPU TT (M) + TPU	1/4	1.610	13/16	2.3

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	T (F) + 13802 TT (M) + 13802	1/4	1.891	13/16	2.3

Based on the largest/heaviest version of each type.



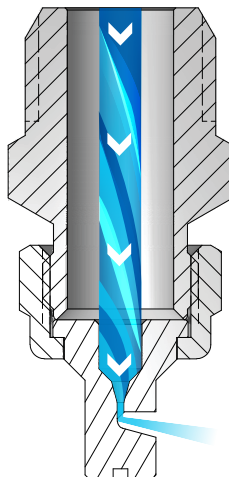
**FLAT  
SPRAY**

**FLOODJET® NOZZLES**

**W** WIDE ANGLE SPRAY

**OVERVIEW: UNIJET® FLOODJET**

- A large choice of interchangeable spray tips, body types/ sizes, materials, spray angles, flow rates and accessories allows use of different components in a single header to match performance to different operations
- Design allows easy tip change out in place – remove tips by unscrewing the retainer cap
- Wide angle, deflected type flat fan spray pattern
- Spray angles from 73° to 153°
- Uniform spray distribution with flow rates from .06 to 12.2 gpm (.28 to 46 lpm)
- Operating pressures up to 60 psi (4 bar)
- Assembly consists of nozzle body, strainer, spray tip and tip retainer

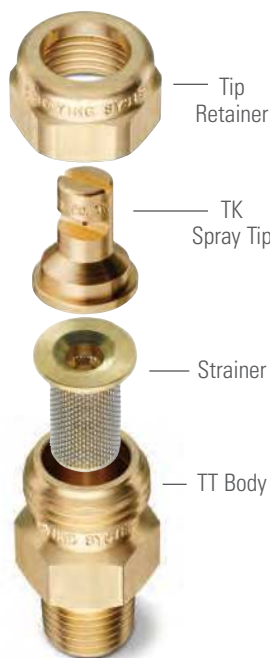


**UniJet FloodJet Nozzles**

As liquid passes through the nozzle, it hits the deflector surface and spreads out to form a flat spray pattern. The distribution is even from the center of the spray. The deflector surface enables the formation of very wide spray angles compared to other flat spray nozzles.

**UNIJET FLOODJET  
OPTIONS**

**W**



**TK Spray Tip + TT Body**

Use with screen strainer and tip retainer  
1/8" to 1/2" male conn.



**ORDERING INFORMATION**

**UNIJET FLOODJET**

NOZZLE BODY			SPRAY TIP			
Inlet Conn.	Body Type	Material Code	+	Tip Type	Material Code	Capacity Size

Example					
1/4	TT	-	SS	+	TK - SS 2

UniJet nozzle assemblies include a pre-sized wire mesh based on orifice diameter. When ordering just a UniJet spray tip, the mesh is not included. See Accessories, page F6 for a mesh selection guide and ordering information.

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

**RELATIVE DROP SIZE  
IN MICRONS**

10 to 100	100 to 500	500 to 1000	1000 to 5000
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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
<b>K nozzle</b>	M	1/8 to 1	Brass, 303 stainless steel (SS), 316 stainless steel (316SS), Polyvinyl chloride (PVC)	C43–C44	C46
<b>TEK nozzle</b>	M	1/8 to 1/4	Brass, 303 stainless steel (SS)	C44	
<b>QJA body</b>	F	1/8 to 1/2		–	
<b>QJJA body</b>	M	1/8 to 1/2		–	
<b>QTKA spray tip</b>	NA	NA		C45	
<b>QJJS body</b>	M	1/8 or 1/4		–	
<b>QSTK spray tip</b>	NA	NA		C45	
<b>T body</b>	F	1/8 to 1/2		–	
<b>TT body</b>	M	1/8 to 1/2		–	
<b>TK spray tip</b>	NA	NA		C45–C46	

F = female thread; M = male thread; NA = not applicable. There is no material code for brass. Leave material code blank when ordering. Other materials available upon request. For more dimensions and sizes, contact your sales engineer.

**W** PERFORMANCE DATA:  
**WIDE ANGLE SPRAY**



Nozzle Type	Inlet Conn. (in.)						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)							Spray Angle (°)		
	1/8	1/4	3/8	1/2	3/4	1			3 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	7 psi	20 psi	60 psi
•	•						.25	.017	–	–	–	.04	.04	.05	.06	–	83	117
•	•						.50	.023	–	–	–	.07	.09	.10	.12	–	89	122
•	•						.75	.029	–	–	.075	.11	.13	.15	.18	–	106	125
•	•						1	.033	–	–	.10	.14	.17	.20	.24	–	103	128
•	•						1.5	.040	–	.13	.15	.21	.26	.30	.37	73	103	125
•	•	•					2	.047	–	.17	.20	.28	.35	.40	.49	83	113	129
•	•	•					2.5	.052	–	.21	.25	.35	.43	.50	.61	98	122	133
•	•	•					3	.057	–	.25	.30	.42	.52	.60	.73	86	112	126
•	•	•					4	.066	–	.33	.40	.57	.69	.80	.98	97	123	132
•	•	•					5	.074	.27	.42	.50	.71	.87	1.0	1.2	114	128	142
•	•	•					7.5	.091	.41	.63	.75	1.1	1.3	1.5	1.8	101	119	134
•	•	•					10	.105	.55	.84	1.0	1.4	1.7	2.0	2.4	115	133	145
•	•	•					12	.115	.66	1.0	1.2	1.7	2.1	2.4	2.9	128	139	153
•	•	•					15	.128	.82	1.3	1.5	2.1	2.6	3.0	3.7	98	113	123
•	•	•					18	.140	.99	1.5	1.8	2.5	3.1	3.6	4.4	106	120	131
•	•	•					20	.148	1.1	1.7	2.0	2.8	3.5	4.0	4.9	110	122	133

Highlighted column shows the rated pressure.





**FLAT  
SPRAY**

**FLOODJET® NOZZLES**

**W** WIDE ANGLE SPRAY

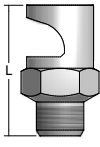
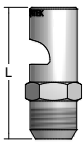
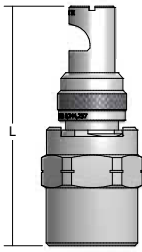
**W** PERFORMANCE DATA:  
**WIDE ANGLE SPRAY**

Inlet Conn. (in.)	UniJet® FloodJet Tip Type	Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)							Spray Angle (°)		
	TK			3 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	7 psi	20 psi	60 psi
1/4	●	7.5	.091	.41	.63	.75	1.1	1.3	1.5	1.8	101	119	134
	●	10	.105	.55	.84	1.0	1.4	1.7	2.0	2.4	115	133	145
	●	12	.115	.66	1.0	1.2	1.7	2.1	2.4	2.9	128	139	153
	●	15	.128	.82	1.3	1.5	2.1	2.6	3.0	3.7	98	113	123
	●	18	.140	.99	1.5	1.8	2.5	3.1	3.6	4.4	106	120	131
	●	20	.148	1.1	1.7	2.0	2.8	3.5	4.0	4.9	110	122	133
	●	24	.162	1.3	2.0	2.4	3.4	4.2	4.8	5.9	115	131	144
	●	30	.181	1.6	2.5	3.0	4.2	5.2	6.0	7.3	100	110	121
	●	40	.209	2.2	3.3	4.0	5.7	6.9	8.0	9.8	111	126	136
	●	50	.234	2.7	4.2	5.0	7.1	8.7	10.0	12.2	117	131	140

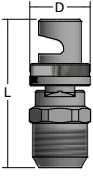
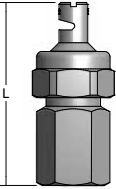
Other body types may be available. Contact your sales engineer for further information.

**Highlighted column shows the rated pressure.**

**DIMENSIONS AND WEIGHTS**

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	D (Dia.) (in.)	Net Weight (oz.)
	<b>K (M)</b>	1/8	1.281	7/16	–	0.5
		1/4	1.343	9/16	–	1
		3/8	1.750	11/16	–	2
		1/2	2.000	7/8	–	4
		3/4	2.563	1-1/2	–	14
		1	3.625	1-7/8	–	32
	<b>TEK (M)</b>	1/8	1.125	7/16	–	0.6
		1/4	1.520	9/16	–	1.5
	<b>QJA (F) + QTKA</b>	1/8, 1/4, 3/8, 1/2	2.531	1	–	5
	<b>QJJA (M) + QTKA</b>	1/8, 1/4, 3/8, 1/2	2.438	7/8	–	4.5

Based on the largest/heaviest version of each type.

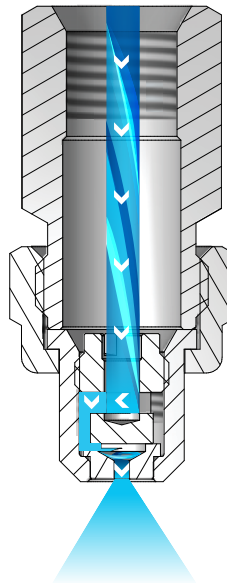
Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	D (Dia.) (in.)	Net Weight (oz.)
	<b>QJJS (M) + QSTK</b>	1/8, 1/4, 3/8, 1/2	1.469	9/16	0.594	1.5
	<b>T (F) + TK</b>	1/4	2.000	13/16	–	2.5
	<b>TT (M) + TK</b>	1/4	2.000	13/16	–	2.3

Based on the largest/heaviest version of each type.



**OVERVIEW: UNIJET**

- Quick-connect nozzles reduce maintenance time – bodies remain on pipe/header
- Save on nozzle replacement costs – bodies can be reused, only spray tips are replaced; tips fit on male or female bodies
- Hollow cone spray pattern with a circular impact area
- Excellent atomization at relatively low pressures
- Spray angles: Standard – 13° to 114°, Wide – 130° to 140°
- Uniform spray distribution from 3.6 to 4,920 gph (13.2 to 17,760 lph)
- Operating pressures up to 400 psi (25 bar)
- Orifice inserts, cores and strainers are easily removed for inspection or cleaning
- TN versions provide very fine atomized sprays using liquid pressure alone; compressed air not required
  - Spray angles: Standard – 43° to 91°
  - Uniform spray distribution from .82 to 184 gph (3.1 to 701 lph)
  - Operating pressures up to 2000 psi (140 bar)



**UniJet TX, D and TN Nozzles**

As the liquid passes through the nozzle, it is forced to pass through slots in the orifice. These slots make the liquid spin in a circle at a high speed as it exits the orifice, creating the hollow cone pattern.

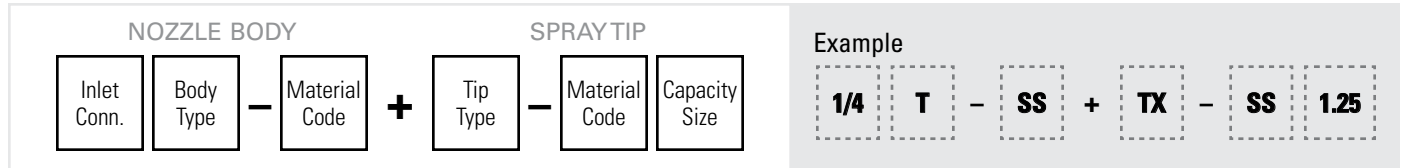
**UNIJET OPTIONS**

<p><b>S</b> <b>W</b></p> <p>Tip Retainer</p> <p>TX Spray Tip</p> <p>Strainer</p> <p>T Body</p> <p><b>TX Spray Tip + T Body</b> 1/4" female conn. Use with screen strainer and tip retainer</p>	<p><b>S</b></p> <p>Tip Retainer</p> <p>D Disc</p> <p>Core</p> <p>Strainer</p> <p>TT Body</p> <p><b>D Spray Tip + TT Body</b> 1/4" male conn. Disc and core type Use with slotted strainer and tip retainer</p>
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<p><b>S</b></p> <p><b>TN Spray Tip</b> Fine/hollow cone spray tip</p>	<p><b>S</b></p> <p><b>TN-SSTC Spray Tip</b> High-pressure tungsten carbide orifice tip</p>
<p><b>T Body/Cap</b> 1/8" to 1/2" female conn. Use with TX, D, T-W or TN tips</p>	<p><b>TT Body/Cap</b> 1/8" to 1/2" male conn. Use with TX, D, T-W or TN tips</p>
<p><b>11430 High Pressure Body</b> 1/4" female conn. Use with TN-SSTC tips</p>	

**ORDERING INFORMATION**

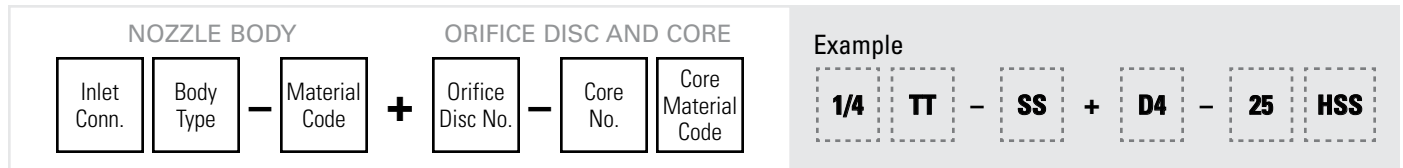
**UNIJET**



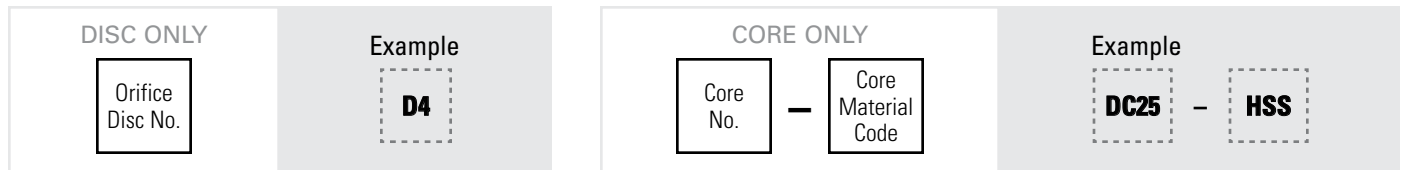
UniJet nozzle assemblies include a pre-sized wire mesh based on orifice diameter. When ordering just a UniJet spray tip, the mesh is not included. See Accessories, page F6 for a mesh selection guide and ordering information.

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

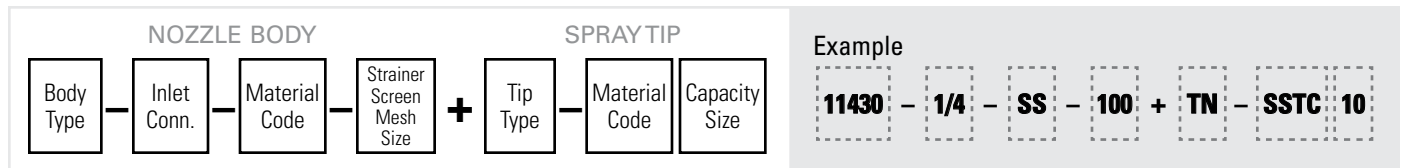
**UNIJET – DISC AND CORE TYPE**



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



**UNIJET HIGH PRESSURE**



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

**QUICK REFERENCE GUIDE**

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
<b>T body</b>	F	1/8 to 1/2	Brass, 303 stainless steel (SS)	-	D26
<b>TT body</b>	M			-	
<b>11430 body</b>	F	1/4	303 stainless steel (SS)	-	
<b>TX spray tip</b>	NA	NA	Brass, 303 stainless steel (SS)	D22	
<b>D spray tip</b>	NA	NA	Brass, 303 stainless steel (SS), Hardened stainless steel (HSS)	D23–D24	
<b>T-W spray tip</b>	NA	NA	Brass, 303 stainless steel (SS)	D22	
<b>TN spray tip</b>	NA	NA		D25	
<b>TN-SSTC spray tip</b>	NA	NA	303 stainless steel with tungsten carbide orifice (SSTC)	D25–D26	

F = female thread; M = male thread; NA = not applicable. There is no material code for brass. Leave material code blank when ordering. Other materials available upon request. For more dimensions and sizes, contact your sales engineer.

**RELATIVE DROP SIZE  
IN MICRONS**



Drop size will vary based on flow rate and pressure.

**S** PERFORMANCE DATA:  
**STANDARD ANGLE SPRAY**

Body Inlet Conn. (in.)	UniJet Tip Type	Capacity Size	Orifice Dia. Nom. (in.)	Flow Rate Capacity (gallons per hour)					Approximate Spray Pattern Dia. (at 1 foot distance) (in.)
	TN-SSTC			400 psi	750 psi	1000 psi	1500 psi	2000 psi	
1/4	●	4	.042	12.6	17.3	20	24	28	8
	●	6	.042	19.0	26	30	37	42	10
	●	8	.060	25	35	40	49	57	12
	●	9	.060	28	39	45	55	64	14
	●	10	.064	32	43	50	61	71	16
	●	12	.076	38	52	60	73	85	18
	●	14	.076	44	61	70	86	99	14
	●	15	.081	47	65	75	92	106	16
	●	16	.086	51	69	80	98	113	18
	●	18	.076	57	78	90	110	127	16
	●	20	.081	63	87	100	122	141	18
	●	22	.076	70	95	110	135	156	12
	●	24	.081	76	104	120	147	170	13
●	26	.086	82	113	130	159	184	14	

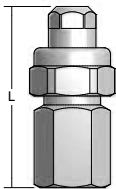
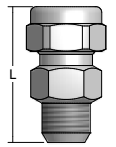
Spray pattern diameter is based on liquid with viscosity of 20 seconds #3 Zahn Cup spraying at 1600 psi (110 bar).

Coverage will vary with viscosities and pressures. Tabulated capacities are based on water.

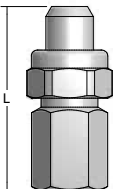
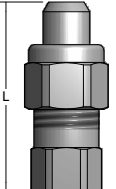
Other body types may be available. Contact your sales engineer for more information.

Calibration pressure = 40 psi (3 bar).

**DIMENSIONS AND WEIGHTS**

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	<b>T (F) + TX TT (M) + TX</b>	1/4	1.875	13/16	2.5
	<b>T (F) + T-W TT (M) + T-W</b>	1/4	1.875	13/16	2.5
	<b>T (F) + D TT (M) + D</b>	1/4	1.500	13/16	2.5

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	<b>T (F) + TN TT (M) + TN</b>	1/4	1.906	13/16	2.5
	<b>T (F) + TN-SSTC TT (M) + TN-SSTC</b>	1/4	1.906	13/16	2.5
	<b>11430 (F) + TN-SSTC</b>	1/4	1.938	13/16	2.6

Based on the largest/heaviest version of each type.