

Paper Mill Series - Solid Jet Nozzle



Nozzle Features

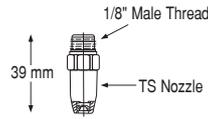
TS series high pressure trim nozzles are used to precisely trim the edge of paper. The spray pattern is solid stream needle jet. TS series nozzle is available with optional orifice material for high pressure applications and strainers can be fitted to reduce nozzle clogging.



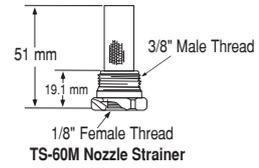
Ceramic Insert



TS Nozzle & Strainer Assembly



TS Nozzle



TS-60M Nozzle Strainer

Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)							
			7.0	10.0	20.0	30.0	40.0	50.0	70.0	100.0
1/8	TSCR15	0.38	0.17	0.21	0.29	0.36	0.41	0.46	0.54	0.65
	TSCR20	0.51	0.31	0.37	0.52	0.63	0.73	0.82	0.96	1.20
	TSCR25	0.64	0.48	0.57	0.81	0.99	1.10	1.30	1.50	1.80
	TSCR30	0.76	0.69	0.82	1.20	1.40	1.60	1.80	2.20	2.60
	TSCR35	0.89	0.93	1.10	1.60	1.90	2.20	2.50	3.00	3.50
	TSCR40	1.0	1.20	1.50	2.10	2.50	2.90	3.30	3.90	4.60
	TSCR45	1.1	1.50	1.90	2.60	3.20	3.70	4.10	4.90	5.80

Performance Data



Tungsten Insert

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)							
			7.0	10.0	20.0	30.0	40.0	50.0	70.0	100.0
1/8	TSTC15	0.38	0.17	0.21	0.29	0.36	0.41	0.46	0.54	0.65
	TSTC20	0.51	0.31	0.37	0.52	0.63	0.73	0.82	0.96	1.20
	TSTC25	0.64	0.48	0.57	0.81	0.99	1.10	1.30	1.50	1.80
	TSTC30	0.76	0.69	0.82	1.20	1.40	1.60	1.80	2.20	2.60
	TSTC35	0.89	0.93	1.10	1.60	1.90	2.20	2.50	3.00	3.50
	TSTC40	1.0	1.20	1.50	2.10	2.50	2.90	3.30	3.90	4.60
	TSTC45	1.1	1.50	1.90	2.60	3.20	3.70	4.10	4.90	5.80

Performance Data



Ruby Insert

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)							
			7.0	10.0	20.0	30.0	40.0	50.0	70.0	100.0
1/8	TSRB15	0.38	0.17	0.21	0.29	0.36	0.41	0.46	0.54	0.65
	TSRB20	0.51	0.31	0.37	0.52	0.63	0.73	0.82	0.96	1.20
	TSRB25	0.64	0.48	0.57	0.81	0.99	1.10	1.30	1.50	1.80
	TSRB30	0.76	0.69	0.82	1.20	1.40	1.60	1.80	2.20	2.60
	TSRB35	0.89	0.93	1.10	1.60	1.90	2.20	2.50	3.00	3.50
	TSRB40	1.0	1.20	1.50	2.10	2.50	2.90	3.30	3.90	4.60
	TSRB45	1.1	1.50	1.90	2.60	3.20	3.70	4.10	4.90	5.80

Applications

- High Impact Jetting
- Screen Washing
- Paper Edge Trimming
- Tissue Edge Trimming

Ordering Example

1/8-TSRB-SS-06

Available Materials

Body - Brass & 316ss