

TOMCO STRAIGHT THROUGH

SERIES ST

INDUSTRIAL INTERCHANGE

Working Range:
See Pressure Chart Below
Temperature: -40° to +225°F













PLUG



MANUAL COUPLER

Straight Through or "Full Flow" couplers are non-valved and are usually applied in liquid systems needing maximum flow with no restrictions. Some typical applications are in chemical processing, pressure wash, plastic mold coolant lines, on water manifolds, food processing and other liquid handling applications where shut-offs are not needed and full flow is advantageous.

Body Size	Plug	Plug	Coupler	Coupler
	MALE PIPE	FEMALE PIPE	MALE PIPE	FEMALE PIPE
BRASS				
1/8"	SP1M	SP1	ST1M	ST1
1/4"	SP2M	SP2	ST2M	ST2
3/8"	SP3M 	SP3 	ST3M 	ST3 
1/2"	SP4M	SP4	ST4M	ST4
3/4"	SP6M	SP6	ST6M	ST6
1"	SP8M	SP8	ST8M	ST8
1 1/4"	—	—	—	—
1 1/2"	SP12M	SP12	—	ST12
STAINLESS STEEL				
1/8"	SP1M-303 	SP1-303 	ST1M-303 	ST1-303 
1/4"	SP2M-303	SP2-303	ST2M-303	ST2-303
3/8"	SP3M-303	SP3-303	ST3M-303	ST3-303
STEEL				
1/8"	SP1M-S	SP1-S	—	—
1/4"	SP2M-S	SP2-S	—	—
3/8"	SP3M-S	SP3-S	—	—
1/2"	SP4M-S 	SP4-S 	—	—
3/4"	SP6M-S	SP6-S	—	—
1"	SP8M-S	SP8-S	—	—
1 1/4"	—	—	—	—
1 1/2"	SP12M-S	SP12-S	—	—

Working Pressure in PSI				Construction
Size	Brass Coupler Steel Plug	Brass Coupler Brass Plug	Stainless Coupler and Plug	Materials
1/8"	2600	2500	4200	Coupler: Brass or 303 Stainless Plug: Steel, Brass or 303 Stainless Seals: Standard for ST series is Nitrile. Viton and EP also Available. Component Parts: Locking Balls; Stainless Sleeve Springs; Stainless
1/4"	5500	5200	6700	
3/8"	3500	2700	5500	
1/2"	2700	2200	3000	
3/4"	1700	1700	1700	
1"	2000	1200	1700	
1 1/4"	2700	1700	2200	
1 1/2"	2200	1400	2500	
COUPLER'S MINIMUM BURST PRESSURE=APPROXIMATELY 4x WORKING PRESSURE				