



ST Series non-valved couplings provide maximum flow and low pressure drop. The smooth, open bore allows easy cleaning in applications where the same lines are used for more than one media.

Features

- Steel nipples are case hardened for resistance to Brinelling
- Functionally interchanges with similar straight-through design couplings
- Standard Nitrile seals
- Material options available
- Sleeve-Lok option available

Applications:

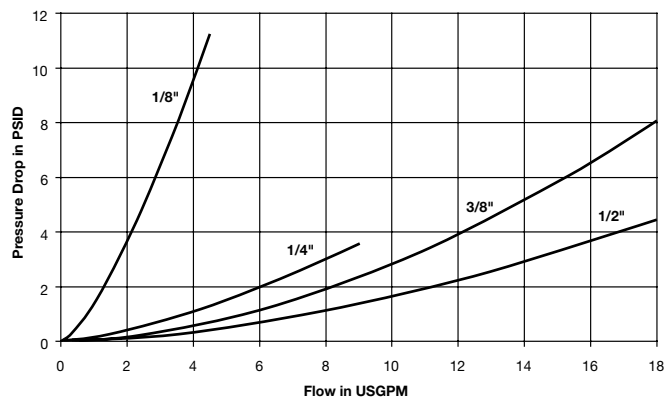
- High pressure water
- Steam washers
- Carpet cleaners

Specifications

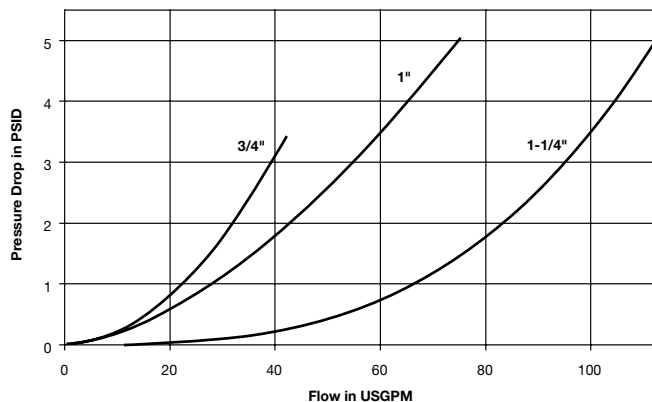
Body Size	Rated Pressure (psi) Brass Coupler/Nipple	Rated Pressure (psi) Brass Coupler/Steel Nipple	Rated Pressure (psi) 303 SS Coupler/Nipple	Temperature Range (standard seals)	Rated Flow
1/8	2500	2600	4200	-40° to +250° F	3
1/4	5200	5500	6700		6
3/8	2700	3500	5500		12
1/2	2200	2700	3000		12
3/4	1700	2700	3000		28
1	1200	2000	1700		50
1-1/4	1700	–	–		76
1-1/2	1400	–	–		100

Performance

ST Series (1/8", 1/4", 3/8", 1/2")
Test Fluid: Oil - 150 SUS



ST Series (3/4", 1", 1-1/4")
Test Fluid: Oil - 150 SUS





ST Series Couplers - Female Pipe Thread



Body Size	Brass Part Number	303 Stainless Part Number	Port End	Length	Largest Diameter	Wrench Flats	Brass Weight (lbs.)	Stainless Weight (lbs.)
1/8	BST-1	SST-1	1/8-27 NPTF	1.06	0.69	0.56	0.06	0.05
1/4	BST-2	SST-2	1/4-18 NPTF	1.54	0.94	0.81	0.17	0.15
3/8	BST-3	SST-3	3/8-18 NPTF	1.64	1.16	1.00	0.26	0.24
1/2	BST-4	SST-4	1/2-14 NPTF	1.98	1.30	1.13	0.40	0.37
3/4	BST-6	SST-6	3/4-14 NPTF	2.15	1.66	1.44	0.62	0.57
1	BST-8	SST-8	1-11 1/2 NPTF	2.43	2.02	1.75	0.99	0.93
1-1/4	BST-10	-	1 1/4-11 1/2 NPTF	2.44	2.51	2.00	1.38	-
1-1/2	BST-12	-	1 1/2-11 1/2 NPTF	2.88	3.00	2.50	2.43	-

ST Series Couplers - Male Pipe Thread



Body Size	Brass Part Number	303 Stainless Part Number	Port End	Length	Largest Diameter	Wrench Flats	Brass Weight (lbs.)	Stainless Weight (lbs.)
1/8	BST-1M	SST-1M	1/8-27 NPTF	1.06	0.69	0.56	0.05	0.05
1/4	BST-2M	SST-2M	1/4-18 NPTF	1.69	0.94	0.81	0.13	0.16
3/8	BST-3M	SST-3M	3/8-18 NPTF	1.75	1.16	1.00	0.25	1.16
1/2	BST-4M	SST-4M	1/2-14 NPTF	1.94	1.30	1.13	0.34	1.30
3/4	BST-6M	SST-6M	3/4-14 NPTF	2.17	1.66	1.44	-	1.66
1	BST-8M	SST-8M	1-11 1/2 NPTF	2.53	2.02	1.75	0.85	2.02

Optional Materials and Features:

(add code to part number)

Code	Description	Part Number Example
suffix -SL	Sleeve-Lok (Couplers)	SST-3M-SL
suffix W	Ethylene Propylene seal material- EPR (Couplers)	SST-3MW
suffix Y	Fluorocarbon seal material (Couplers)	SST-3MY
suffix Z	Neoprene seal material (Couplers)	SST-3MZ

Contact QCD for availability and additional options.
To select proper seal materials, see Fluid Compatibility Chart or contact QCD.



ST Series Nipples- Female Pipe Thread



Body Size	Brass Part No.	Weight. (lbs.)	Steel Part No.	Weight. (lbs.)	303 Stainless Part No.	Weight. (lbs.)	Length	Largest Diameter	Wrench Flats
1/8	BST-N1	0.03	ST-N1	0.03	SST-N1	0.02	0.98	0.65	0.56
1/4	BST-N2	0.07	ST-N2	0.07	SST-N2	0.07	1.46	0.87	0.75
3/8	BST-N3	0.12	ST-N3	0.11	SST-N3	0.11	1.62	1.59	0.08
1/2	BST-N4	0.23	ST-N4	0.21	SST-N4	0.21	1.85	1.30	1.13
3/4	BST-N6	0.33	ST-N6	0.32	SST-N6	0.32	2.15	1.59	1.38
1	BST-N8	0.52	ST-N8	0.49	SST-N8	0.48	2.35	1.88	1.63
1-1/4	BST-N10	0.85	-	-	-	-	2.38	2.31	2.00
1-1/2	BST-N12	1.45	-	-	-	-	2.81	2.74	2.38

ST Series Nipples- Male Pipe Thread



Body Size	Brass Part No.	Weight. (lbs.)	Steel Part No.	Weight. (lbs.)	303 Stainless Part No.	Weight. (lbs.)	Length	Largest Diameter	Wrench Flats
1/8	BST-N1M	0.02	ST-N1M	0.02	SST-N1M	0.02	1.04	0.51	0.44
1/4	BST-N2M	0.06	ST-N2M	0.05	SST-N2M	0.05	1.53	0.65	0.56
3/8	BST-N3M	0.08	ST-N3M	0.07	SST-N3M	0.08	1.69	0.79	0.69
1/2	BST-N4M	0.15	ST-N4M	0.13	SST-N4M	0.13	1.94	1.01	0.88
3/4	BST-N6M	0.23	ST-N6M	0.21	SST-N6M	0.22	2.19	1.23	1.06
1	BST-N8M	0.46	ST-N8M	0.43	SST-N8M	0.43	2.51	1.59	1.38
1-1/4	BST-N10M	0.96	-	-	-	-	2.85	2.17	1.88
1-1/2	BST-N12M	1.46	-	-	-	-	3.25	2.45	2.13