



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

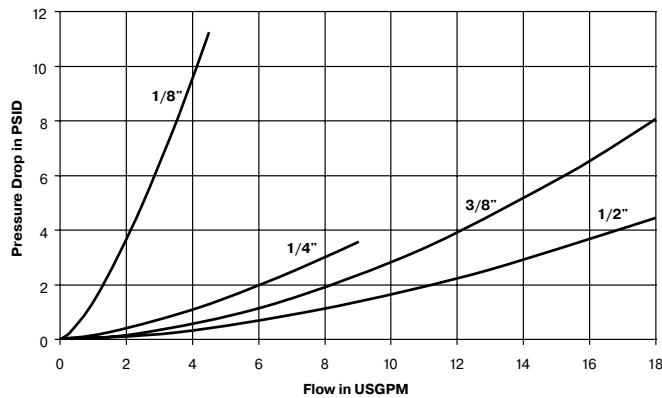
Applications:

- High pressure water
- Steam washers
- Carpet cleaners

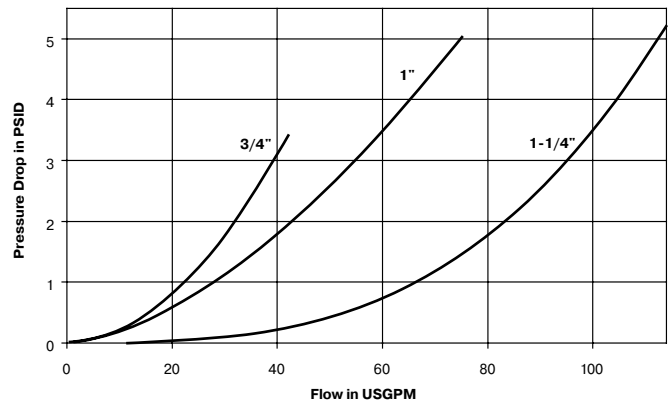
| Specifications | | | | | |
|----------------|--|--|---|---------------------------------------|------------|
| Body Size | Rated Pressure (psi) Brass Coupler/Nipple | Rated Pressure (psi) Brass Coupler/Steel Nipple | Rated Pressure (psi) 303 SS Coupler/Nipple | Temperature Range (standard seals) | 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 | - |

** Steel sleeves

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 |

* Prop 65 Warning does not apply to stainless steel part numbers

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.

WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



ST Series Nipples- Female Pipe Thread



| Body Size | Brass Part No. | Weight. (lbs.) | Steel Part No. | Weight. (lbs.) | 303 Stainless Part No.* | Weight. (lbs.) | Port End | Length | Largest Diameter | Wrench Flats |
|-----------|----------------|----------------|----------------|----------------|-------------------------|----------------|-------------------|--------|------------------|--------------|
| 1/8 | BST-N1 | 0.03 | ST-N1 | 0.03 | SST-N1 | 0.02 | 1/8-27 NPTF | 0.98 | 0.65 | 0.56 |
| 1/4 | BST-N2 | 0.07 | ST-N2 | 0.07 | SST-N2 | 0.07 | 1/4-18 NPTF | 1.46 | 0.87 | 0.75 |
| 3/8 | BST-N3 | 0.12 | ST-N3 | 0.11 | SST-N3 | 0.11 | 3/8-18 NPTF | 1.62 | 1.59 | 0.08 |
| 1/2 | BST-N4 | 0.23 | ST-N4 | 0.21 | SST-N4 | 0.21 | 1/2-14 NPTF | 1.85 | 1.30 | 1.13 |
| 3/4 | BST-N6 | 0.33 | ST-N6 | 0.32 | SST-N6 | 0.32 | 3/4-14 NPTF | 2.15 | 1.59 | 1.38 |
| 1 | BST-N8 | 0.52 | ST-N8 | 0.49 | SST-N8 | 0.48 | 1-11 1/2 NPTF | 2.35 | 1.88 | 1.63 |
| 1-1/4 | BST-N10 | 0.85 | - | - | - | - | 1 1/4-11 1/2 NPTF | 2.38 | 2.31 | 2.00 |
| 1-1/2 | BST-N12 | 1.45 | - | - | - | - | 1 1/2-11 1/2 NPTF | 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.) | Port End | Length | Largest Diameter | Wrench Flats |
|-----------|----------------|----------------|----------------|----------------|-------------------------|----------------|-------------------|--------|------------------|--------------|
| 1/8 | BST-N1M | 0.02 | ST-N1M | 0.02 | SST-N1M | 0.02 | 1/8-27 NPTF | 1.04 | 0.51 | 0.44 |
| 1/4 | BST-N2M | 0.06 | ST-N2M | 0.05 | SST-N2M | 0.05 | 1/4-18 NPTF | 1.53 | 0.65 | 0.56 |
| 3/8 | BST-N3M | 0.08 | ST-N3M | 0.07 | SST-N3M | 0.08 | 3/8-18 NPTF | 1.69 | 0.79 | 0.69 |
| 1/2 | BST-N4M | 0.15 | ST-N4M | 0.13 | SST-N4M | 0.13 | 1/2-14 NPTF | 1.94 | 1.01 | 0.88 |
| 3/4 | BST-N6M | 0.23 | ST-N6M | 0.21 | SST-N6M | 0.22 | 3/4-14 NPTF | 2.19 | 1.23 | 1.06 |
| 1 | BST-N8M | 0.46 | ST-N8M | 0.43 | SST-N8M | 0.43 | 1-11 1/2 NPTF | 2.51 | 1.59 | 1.38 |
| 1-1/4 | BST-N10M | 0.96 | - | - | - | - | 1 1/4-11 1/2 NPTF | 2.85 | 2.17 | 1.88 |
| 1-1/2 | BST-N12M | 1.46 | - | - | - | - | 1 1/2-11 1/2 NPTF | 3.25 | 2.45 | 2.13 |

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