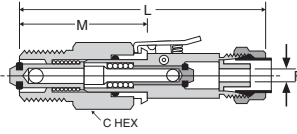




**Double End Shutoff
Pipe Connector
Quick Coupler 398PD**

(Chrome Plated)

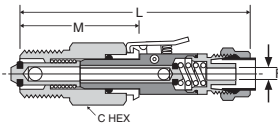


| PART NO. | TUBE SIZE | PIPE THREAD | STRAIGHT THREAD | C HEX | L | M | FLOW DIA. F |
|-----------|-----------|-------------|-----------------|-------|------|------|-------------|
| 398PD-4-2 | 1/4 | 1/8 | 3/8-24 | 1/2 | 2.93 | 1.31 | .125 |
| 398PD-4-4 | 1/4 | 1/4 | 3/8-24 | 9/16 | 2.93 | 1.32 | .125 |
| 398PD-6-4 | 3/8 | 1/4 | 1/2-24 | 5/8 | 2.88 | 1.43 | .204 |

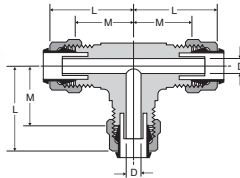


**Double End Shut-Off Pipe
Connector Quick Coupler
398PDSS**

(Stainless Steel)

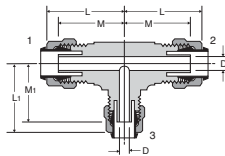


| PART NO. | TUBE O. D. | PIPE THREAD | L | M | C HEX | FLOW DIA. D |
|-------------|------------|-------------|------|------|-------|-------------|
| 398PDSS-4-2 | 1/4 | 1/8 | 2.93 | 1.31 | .500 | .125 |
| 398PDSS-4-4 | 1/4 | 1/4 | 2.93 | 1.31 | .562 | .125 |
| 398PDSS-6-4 | 3/8 | 1/4 | 3.10 | 1.43 | .625 | .125 |



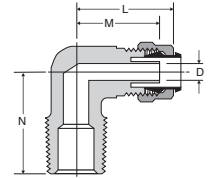
Union Tee 164P

| PART NO. | TUBE SIZE | STRAIGHT THREAD | L | M | FLOW DIA. D |
|----------|-----------|-----------------|------|------|-------------|
| 164P-4 | 1/4 | 3/8-24 | .84 | .73 | .125 |
| 164P-5 | 5/16 | 7/16-24 | .83 | .73 | .144 |
| 164P-6 | 3/8 | 1/2-24 | .98 | .86 | .203 |
| 164P-8 | 1/2 | 11/16-20 | 1.12 | 1.04 | .323 |



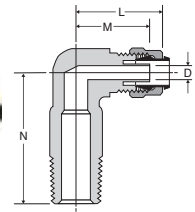
**Union Tee 164P
combination size**

| PART NO. | 1 TUBE SIZE | 2 TUBE SIZE | 3 TUBE SIZE | L | L1 | M | M1 | FLOW DIA. D |
|----------|-------------|-------------|-------------|-----|-----|-----|-----|-------------|
| 164P-6-4 | 3/8 | 3/8 | 1/4 | .98 | .90 | .86 | .79 | .125 |



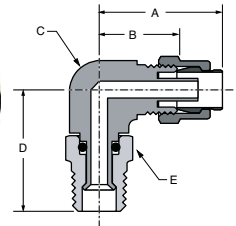
Male Elbow 169P

| PART NO. | TUBE SIZE | PIPE THREAD | STRAIGHT THREAD | L | M | N | FLOW DIA. D |
|----------|-----------|-------------|-----------------|------|------|------|-------------|
| 169P-4-1 | 1/4 | 1/16 | 3/8-24 | .92 | .58 | .67 | .130 |
| 169P-4-2 | 1/4 | 1/8 | 3/8-24 | .84 | .73 | .75 | .121 |
| 169P-4-4 | 1/4 | 1/4 | 3/8-24 | .90 | .79 | .92 | .125 |
| 169P-4-6 | 1/4 | 3/8 | 3/8-24 | .93 | .84 | 1.08 | .125 |
| 169P-5-2 | 5/16 | 1/8 | 7/16-24 | .87 | .73 | .68 | .144 |
| 169P-6-2 | 3/8 | 1/8 | 1/2-24 | .93 | .81 | .73 | .203 |
| 169P-6-4 | 3/8 | 1/4 | 1/2-24 | .98 | .86 | 1.05 | .203 |
| 169P-6-6 | 3/8 | 3/8 | 1/2-24 | .98 | .86 | 1.08 | .203 |
| 169P-8-6 | 1/2 | 3/8 | 11/16-20 | 1.12 | 1.04 | 1.13 | .323 |



Long Male Elbow 169LP

| PART NO. | TUBE SIZE | PIPE THREAD | STRAIGHT THREAD | L | M | N | FLOW DIA. D |
|-----------|-----------|-------------|-----------------|-----|-----|------|-------------|
| 169LP-4-4 | 1/4 | 1/4 | 3/8-24 | .90 | .79 | 1.38 | .125 |



**Male Elbow Swivel
169PS**

| PART NO. | TUBE O. D. | PIPE THREAD | A | B | C HEX | D | E |
|-----------|------------|-------------|-------|------|-------|-------|------|
| 169PS-4-2 | 1/4 | 1/8 | .812 | .594 | .375 | .862 | .437 |
| 169PS-4-4 | 1/4 | 1/4 | .906 | .688 | .562 | 1.218 | .562 |
| 169PS-6-2 | 3/8 | 1/8 | .875 | .625 | .437 | .904 | .437 |
| 169PS-6-4 | 3/8 | 1/4 | .937 | .685 | .562 | 1.218 | .562 |
| 169PS-6-6 | 3/8 | 3/8 | .859 | .602 | .562 | 1.190 | .687 |
| 169PS-8-6 | 1/2 | 3/8 | 1.031 | .782 | .500 | 1.218 | .687 |

