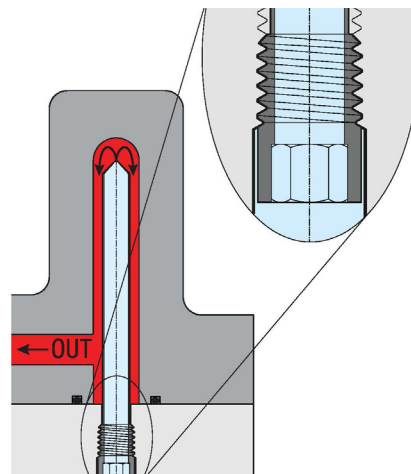


## R-Style High Flow Tubes



### Features

- Stainless Steel construction for strength and durability
- Threads to shoulder for positive positioning
- Use hex wrench for installation and removal
- Install from alternate directions, even after plates are assembled for ease of maintenance and inspection
- Lengths available up to 48"



**U** Inch

| ITEM NO. | THREAD SIZE | TUBE O.D. | TUBE I.D. | HEX WRENCH SIZE | HEAD HEIGHT H | LENGTH A | DIA. D | L 12" | L 18" | L 24" | L 36" | L 48" |
|----------|-------------|-----------|-----------|-----------------|---------------|----------|--------|-------|-------|-------|-------|-------|
| R072T-   | 5-44        | .072      | .060      | 1/8             | .156          | .312     | .182   | •     | •     | •     | •     | •     |
| JR072T-  | 10-32       | .072      | .060      | 1/8             | .187          | .406     | .245   | •     | •     | •     | •     | •     |
| R090T-   | 5-44        | .090      | .076      | 1/8             | .156          | .312     | .182   | •     | •     | •     | •     | •     |
| JR090T-  | 10-32       | .090      | .076      | 1/8             | .187          | .406     | .245   | •     | •     | •     | •     | •     |
| R125T-   | 10-32       | .125      | .109      | 5/32            | .187          | .406     | .245   | •     | •     | •     | •     | •     |
| JR125T-  | 1/4-28      | .125      | .109      | 5/32            | .187          | .406     | .307   | •     | •     | •     | •     | •     |
| R187T-   | 1/4-28      | .187      | .167      | 3/16            | .250          | .500     | .307   | •     | •     | •     | •     | •     |
| JR187T-  | 5/16-24     | .187      | .167      | 1/4             | .281          | .562     | .370   | •     | •     | •     | •     | •     |
| R250T-   | 5/16-24     | .250      | .230      | 1/4             | .281          | .562     | .370   | •     | •     | •     | •     | •     |
| JR250T-  | 3/8-24      | .250      | .230      | 5/16            | .312          | .625     | .495   | •     | •     | •     | •     | •     |
| R312T-   | 3/8-24      | .312      | .288      | 5/16            | .312          | .625     | .495   | •     | •     | •     | •     | •     |
| JR312T-  | 1/2-20      | .312      | .288      | 3/8             | .375          | .750     | .620   | •     | •     | •     | •     | •     |

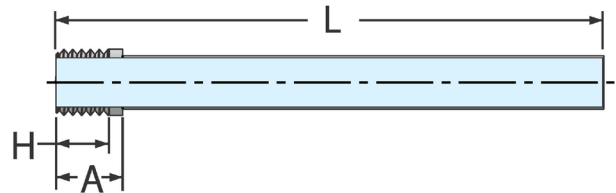
Add length to end of item number (i.e. R250T-18)



## High-Flow Stainless Tubes

**Features**

- Stainless construction for high strength and durability
- Increased flow rates over standard tubes
- Stop collar for positive positioning
- “J” Item number prefix indicates the next largest thread size
- Longer lengths available upon request

**U** Inch

| ITEM NO. | TUBE O.D. | TUBE I.D. | THREAD SIZE | THREAD LENGTH H | A    | OVERALL LENGTH |    |    |    |
|----------|-----------|-----------|-------------|-----------------|------|----------------|----|----|----|
|          |           |           |             |                 |      | 12             | 18 | 24 | 36 |
| HF072T-  | .072      | .060      | 5-44        | .125            | .140 | •              | •  | •  | •  |
| JHF072T- | .072      | .060      | 10-32       | .156            | .203 | •              | •  | •  | •  |
| HF093T-  | .090      | .076      | 5-44        | .125            | .140 | •              | •  | •  | •  |
| JHF093T- | .090      | .076      | 10-32       | .156            | .203 | •              | •  | •  | •  |
| HF125T-  | .125      | .109      | 10-32       | .156            | .203 | •              | •  | •  | •  |
| JHF125T- | .125      | .109      | 1/4-28      | .203            | .255 | •              | •  | •  | •  |
| HF187T-  | .187      | .167      | 1/4-28      | .203            | .255 | •              | •  | •  | •  |
| JHF187T- | .187      | .167      | 5/16-24     | .235            | .290 | •              | •  | •  | •  |
| HF250T-  | .250      | .230      | 5/16-24     | .235            | .290 | •              | •  | •  | •  |
| JHF250T- | .250      | .230      | 3/8-24      | .296            | .359 | •              | •  | •  | •  |
| HF312T-  | .312      | .288      | 3/8-24      | .296            | .359 | •              | •  | •  | •  |
| JHF312T- | .312      | .288      | 7/16-20     | .359            | .437 | •              | •  | •  | •  |
| HF375T   | .365      | .340      | 7/16-20     | .359            | .437 | •              | •  | •  | •  |
| JHF375T- | .365      | .340      | 1/2-20      | .421            | .500 | •              | •  | •  | •  |
| HF437T-  | .427      | .397      | 1/2-20      | .421            | .500 | •              | •  | •  | •  |
| JHF437T- | .427      | .397      | 9/16-18     | .421            | .531 | •              | •  | •  | •  |
| HF500T-  | .500      | .444      | 9/16-18     | .421            | .531 | •              | •  | •  | •  |
| JHF500T- | .500      | .444      | 5/8-18      | .421            | .531 | •              | •  | •  | •  |

Add length to end of item number (i.e. HF093T-12)



## Brass Tubes



### Features

- Made from solid brass
- Used with any cascade style
- Half hard tempered for reliable performance
- 18" tubes threaded on both ends

**U** Inch

| ITEM NO. | THREAD SIZE | THREAD LENGTH | TUBE O.D. | TUBE I.D. | 12" | 18" | 24" | 36" |
|----------|-------------|---------------|-----------|-----------|-----|-----|-----|-----|
| 125T-    | 5-44        | 3/16          | 0.125     | 0.069     | •   | •   | •   | •   |
| 187T-    | 10-32       | 3/16          | 0.187     | 0.123     | •   | •   | •   | •   |
| 250T-    | 1/4-28      | 1/4           | 0.250     | 0.170     | •   | •   | •   | •   |
| 312T-    | 5/16-24     | 5/16          | 0.312     | 0.210     | •   | •   | •   | •   |
| 375T-    | 3/8-24      | 3/8           | 0.375     | 0.273     | •   | •   | •   | •   |
| 437T-    | 7/16-20     | 7/16          | 0.437     | 0.307     | •   | •   | •   | •   |
| 625T-    | 5/8-18      | 5/8           | 0.625     | 0.495     | •   | •   | •   | •   |

Add length to end of item number (i.e. 125T-12)

## Stainless Steel Tubes

### Features

- Used with any cascades style
- 18" tubes threaded on both ends



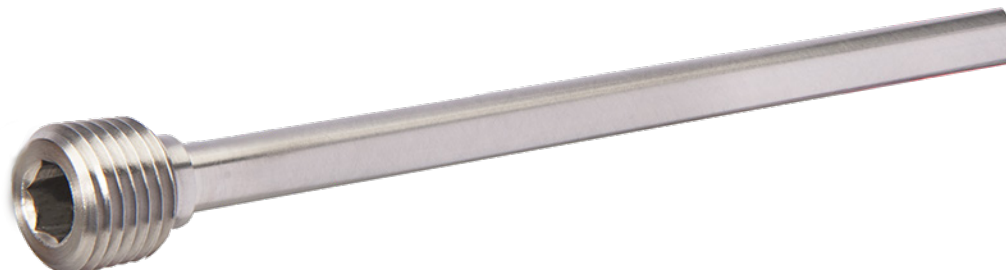
**U** Inch

| ITEM NO. | THREAD SIZE | THREAD LENGTH | TUBE O.D. | TUBE I.D. | 12" | 18" | 24" | 36" |
|----------|-------------|---------------|-----------|-----------|-----|-----|-----|-----|
| 125T-SS  | 5-44        | 3/16          | 0.125     | 0.069     | •   | •   | •   | •   |
| 187T-SS  | 10-32       | 3/16          | 0.187     | 0.123     | •   | •   | •   | •   |
| 250T-SS  | 1/4-28      | 1/4           | 0.250     | 0.170     | •   | •   | •   | •   |
| 312T-SS  | 5/16-24     | 5/16          | 0.312     | 0.210     | •   | •   | •   | •   |
| 375T-SS  | 3/8-24      | 3/8           | 0.375     | 0.273     | •   | •   | •   | •   |
| 437T-SS  | 7/16-20     | 7/16          | 0.437     | 0.307     | •   | •   | •   | •   |
| 625T-SS  | 5/8-18      | 5/8           | 0.625     | 0.495     | •   | •   | •   | •   |

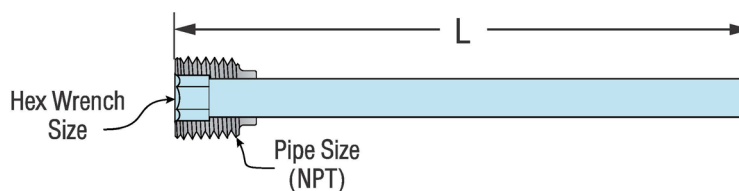
Add length to end of item number (i.e. 125T-SS-12)



## Piston Tubes

**Features**

- Provides maximum cooling rates
- Stainless Steel construction for strength and durability
- Coolant flows through flush seal pipe plug and Stainless High Flow tube
- Use hex wrench for installation and removal
- NPT pipe sizes
- Lengths available up to 48"

**U** Inch

| ITEM NO.  | PLUG SIZE (NPT) | TUBE O.D. | TUBE I.D. | HEX WRENCH SIZE | L 12" | L 18" | L 24" | L 36" | L 48" |
|-----------|-----------------|-----------|-----------|-----------------|-------|-------|-------|-------|-------|
| PT16-072- | 1/16            | .072      | .060      | 5/32            | •     | •     | •     | •     | •     |
| PT16-093- | 1/16            | .090      | .076      | 5/32            | •     | •     | •     | •     | •     |
| PT16-109- | 1/16            | .109      | .095      | 5/32            | •     | •     | •     | •     | •     |
| PT16-125- | 1/16            | .125      | .109      | 5/32            | •     | •     | •     | •     | •     |
| PT16-187- | 1/16            | .187      | .167      | 5/32            | •     | •     | •     | •     | •     |
| PT18-125- | 1/8             | .125      | .109      | 3/16            | •     | •     | •     | •     | •     |
| PT18-187- | 1/8             | .187      | .167      | 3/16            | •     | •     | •     | •     | •     |
| PT18-250- | 1/8             | .250      | .230      | 1/4             | •     | •     | •     | •     | •     |
| PT14-187- | 1/4             | .187      | .167      | 1/4             | •     | •     | •     | •     | •     |
| PT14-250- | 1/4             | .250      | .230      | 1/4             | •     | •     | •     | •     | •     |
| PT14-312- | 1/4             | .312      | .288      | 5/16            | •     | •     | •     | •     | •     |
| PT38-312- | 3/8             | .312      | .288      | 5/16            | •     | •     | •     | •     | •     |
| PT38-375- | 3/8             | .365      | .340      | 5/16            | •     | •     | •     | •     | •     |
| PT38-437- | 3/8             | .427      | .397      | 3/8             | •     | •     | •     | •     | •     |
| PT12-375- | 1/2             | .365      | .340      | 3/8             | •     | •     | •     | •     | •     |
| PT12-437- | 1/2             | .427      | .397      | 3/8             | •     | •     | •     | •     | •     |
| PT12-500- | 1/2             | .500      | .444      | 1/2             | •     | •     | •     | •     | •     |
| PT34-437- | 3/4             | .427      | .397      | 9/16            | •     | •     | •     | •     | •     |
| PT34-500- | 3/4             | .500      | .444      | 9/16            | •     | •     | •     | •     | •     |
| PT34-625  | 3/4             | .625      | .569      | 9/16            | •     | •     | •     | •     | •     |

Add length to end of item number (i.e. PT16-072-36)

