# SharkBite®
# Brass Fittings

SharkBite® expansion fittings are designed for use with PEX-a tubing and must be used in conjunction with SharkBite expansion rings. SharkBite expansion fittings have a 25-year system warranty when used with SharkBite PEX-a tubing.

## Applications

Residential and commercial potable water, recirculation, reclaimed water systems, hydronic heating/cooling (up to 50% glycol concentration).

## Specifications Data

| Materials | |
|---|---|
| Body | Lead-Free DZR Brass |

| Performance | | |
|---|---|---|
| Max Working Pressure | | |
| 80 psi | at | 200° F |
| 100 psi | at | 180° F |
| 160 psi | at | 73.4° F |
| *Max Working Pressure for CPVC Socket Adapters is 80 psi at 180°F | | |

| Minimum Length of Pipe Connecting Two Fittings | | |
|---|---|---|
| Fittings/Pipe Size | Min. Length | Insertion Depth |
| 1/2 in. | 2 in. | 0.72 in. |
| 3/4 in. | 2-1/2 in. | 0.97 in. |
| 1 in. | 3 in. | 1.19 in. |
| 1-1/4 in. | 4-1/2 in. | 1.46 in. |
| 1-1/2 in. | 4-1/2 in. | 1.72 in. |
| 2 in. | 6 in. | 2.17 in. |

## Certifications & Listings

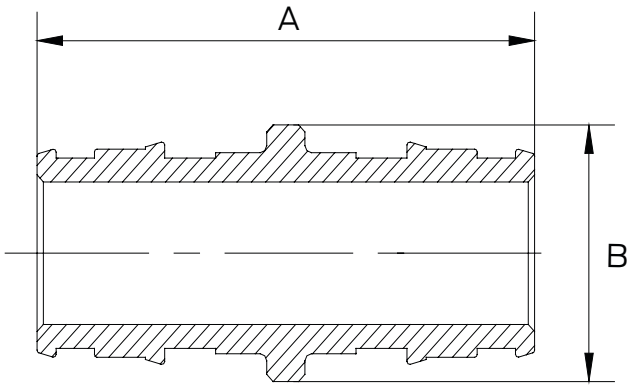
ASTM F1960, ASTM F877, ASTM E84, ASTM E119,
NSF/ANSI 14, NSF/ANSI/CAN 61, NSF/ANSI/CAN 372,
CAN/ULC S102.2, CAN/ULC S101
CSA B137.5,

Expansion X Copper Press Adapters are listed to
ASTM F1960,
NSF/ANSI 14, NSF/ANSI/CAN 61, NSF/ASNI/CAN 372,
CSA B137.5,
IAPMO/ANSI/CAN Z1117

Expansion X CPVC Adapters are listed to ASTM F1960, ASTM D2846, NSF/ANSI 14, NSF/ANSI/CAN 61, NSF/ASNI/CAN 372, CSA B137.5, CSA B137.6

Expansion X Water Meter Ball Valve listed to
NSF/ANSI/CAN 61, NSF/ASNI/CAN 372,
ASME A112.4.14/CSA B125.14

For listing information, please contact Customer Service




## Brass Coupling

| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB008 | 1/2 in. | 1.54 | 0.71 |
| UAB016 | 3/4 in. | 2.01 | 0.95 |

| Product Submittal | |
|---|---|
| Name | |
| Date | |
| Architect/Owner | |
| Contractor | |
| Tag | |
| Notes | |

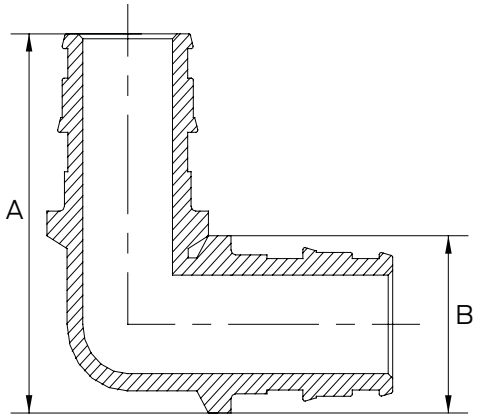


US 1-877-700-4242 | sharkbite.com
Canada 1-888-820-0120 | canadasales@rwc.com

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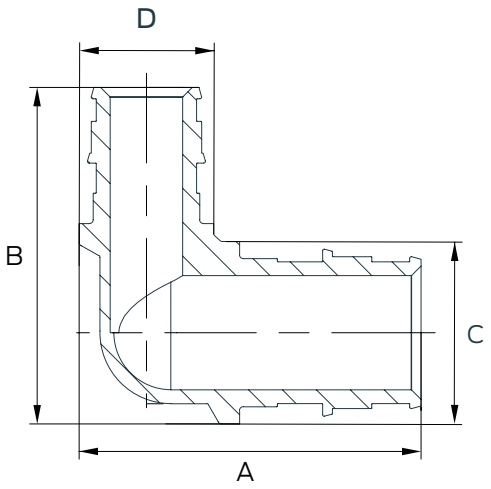
## Brass Elbow

| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB248 | 1/2 in. | 1.52 | 0.72 |
| UAB256 | 3/4 in. | 2.00 | 0.95 |



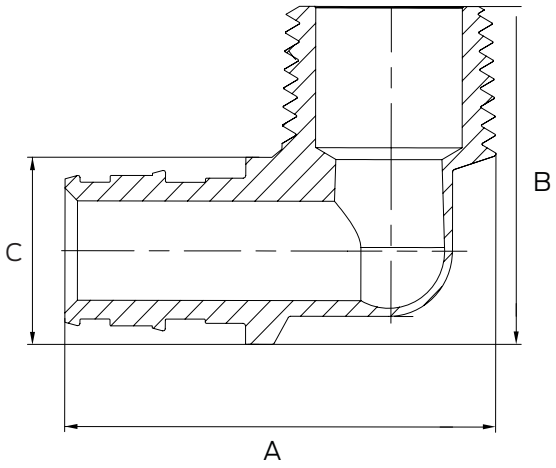

## Brass Reducing Elbow

| Dimensions (Inches) | | | | | |
|---|---|---|---|---|---|
| Part # | Size | A | B | C | D |
| UAB274 | 1/2 in. x 3/4 in. | 1.78 | 1.75 | 0.95 | 0.70 |



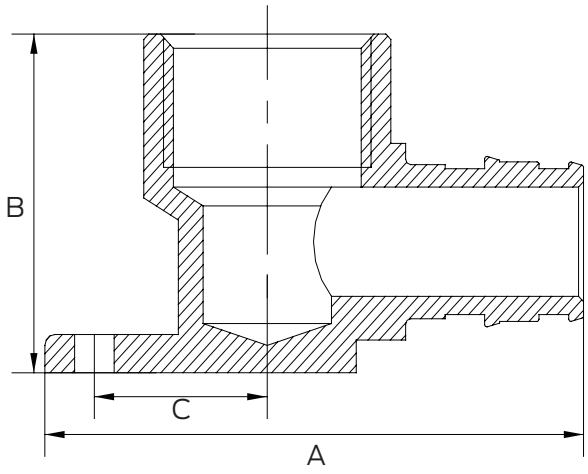

## Brass Expansion Male Elbow

| Dimensions (Inches) | | | | |
|---|---|---|---|---|
| Part # | Size | A | B | C |
| UAB280 | 1/2 in. x 1/2 in. MNPT | 1.69 | 1.18 | 0.72 |



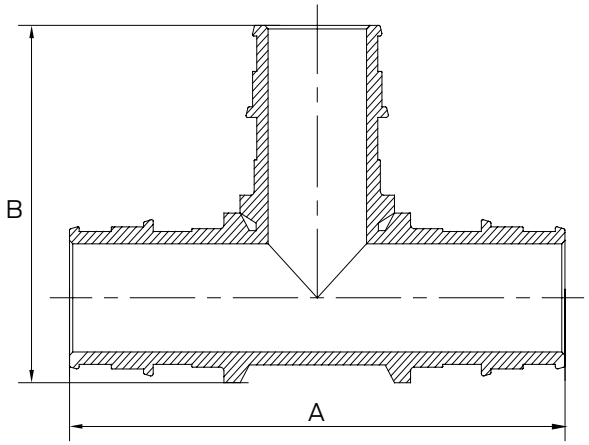
## Brass Drop-Ear Elbow

| Dimensions (Inches) | | | | |
|---|---|---|---|---|
| Part # | Size | A | B | C |
| UAB334 | 1/2 in. x 1/2 in. FNPT | 2.15 | 1.23 | 0.64 |
| UAB340 | 3/4 in. x 3/4 in. FNPT | 2.15 | 1.22 | 0.89 |



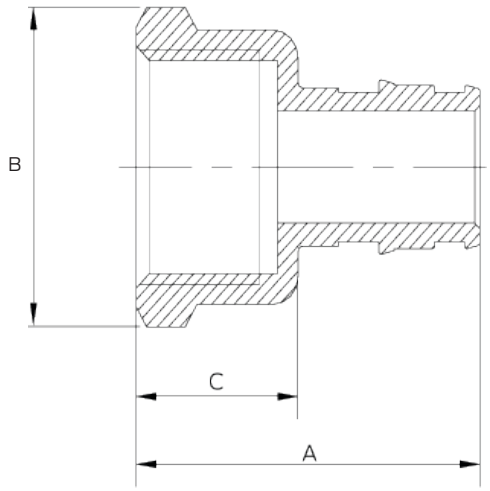

## Brass Reducing Tee

| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB412 | 3/4 in. x 3/4 in. x 1/2 in. | 2.79 | 1.76 |



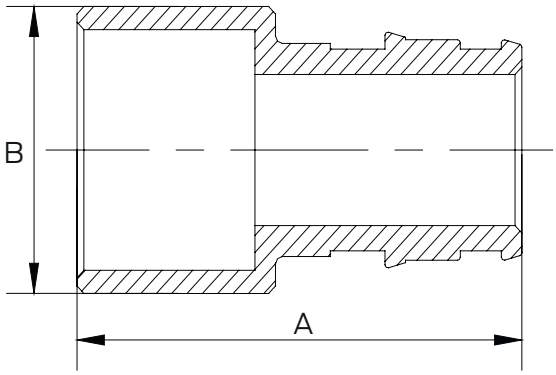
## Brass Female Adapter

| Dimensions (Inches) | | | | |
|---|---|---|---|---|
| Part # | Size | A | B | C |
| UAB068 | 1/2 in. X 3/4 in. FNPT | 1.38 | 1.26 | 0.67 |
| UAB072 | 1/2 in. x 1/2 in. FNPT | 1.34 | 1.00 | 0.63 |
| UAB086 | 3/4 in. x 1 in. FNPT | 1.71 | 1.69 | 0.77 |
| UAB088 | 3/4 in. x 3/4 in. FNPT | 1.61 | 1.26 | 0.66 |
| UAB094 | 1 in. x 1 in. FNPT | 1.95 | 1.50 | 0.77 |
| UAB113532F | 1-1/4 in. x 1-1/4 in. FNPT | 2.34 | 2.05 | 0.91 |
| UAB114104F | 1-1/2 in. x 1-1/2 in. FNPT | 2.83 | 2.52 | 1.14 |
| UAB115450F | 2 in. x 2 in. FNPT | 3.07 | 2.91 | 0.93 |



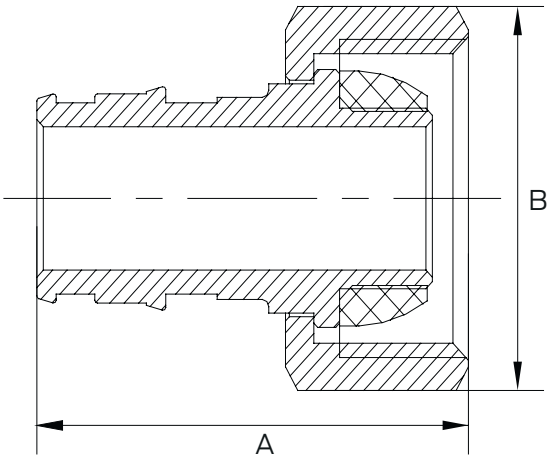

## Brass Female Sweat Adapter

| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB600 | 1/2 in. x 1/2 in. SWT | 1.28 | 0.75 |
| UAB605 | 1 in. x 1 in. SWT | 2.19 | 1.30 |
| UAB606 | 3/4 in. x 3/4 in. SWT | 1.80 | 1.02 |
| UAB681 | 1/2 in. x 3/4 in. SWT | 1.56 | 1.02 |
| UAB683 | 3/4 in. x 1/2 in. SWT | 1.52 | 0.75 |
| UAB685 | 3/4 in. x 1 in. SWT | 1.95 | 1.30 |
| UAB143535F | 1-1/4 in. x 1-1/4 in. SWT | 2.52 | 1.85 |
| UAB144141F | 1-1/2 in. x 1-1/2 in. SWT | 2.95 | 2.20 |
| UAB14545F | 2 in. x 2 in. SWT | 3.70 | 2.68 |



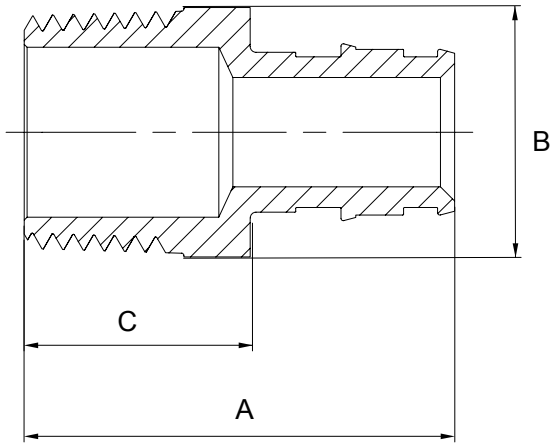

## Brass Swivel Adapter

| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB526 | 1/2 in. x 1/2 in. FNPT | 1.29 | 1.07 |
| UAB530 | 3/4 in. x 3/4 in. FNPT | 1.68 | 1.33 |



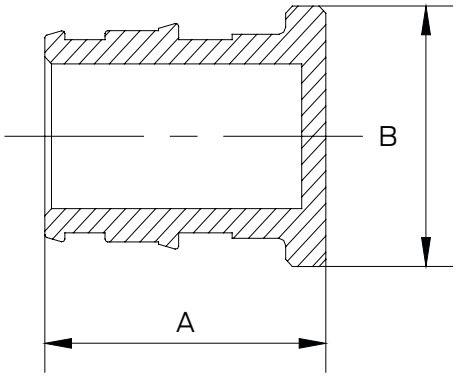
## Brass Male Adapter

| Dimensions (Inches) | | | | |
|---|---|---|---|---|
| Part # | Size | A | B | C |
| UAB116 | 1/2 in. X 3/4 in. MNPT | 1.55 | 1.07 | 0.82 |
| UAB120 | 1/2 in. x 1/2 in. MNPT | 1.49 | 0.87 | 0.78 |
| UAB134 | 3/4 in. x 3/4 in. MNPT | 1.79 | 1.22 | 0.85 |
| UAB139 | 3/4 in. x 1 in. MNPT | 1.87 | 1.50 | 1.50 |
| UAB140 | 1 in. x 1 in. MNPT | 2.12 | 1.39 | 0.94 |
| UAB142 | 1 in. x 3/4 in. MNPT | 2.03 | 1.06 | 0.86 |
| UAB113532M | 1-1/4 in. x 1-1/4 in. MNPT | 2.52 | 1.85 | 1.08 |
| UAB114104M | 1-1/2 in. x 1-1/2 in. MNPT | 2.95 | 2.20 | 1.26 |
| UAB115450M | 2 in. x 2 in. MNPT | 3.70 | 2.68 | 1.56 |




## Brass Plug

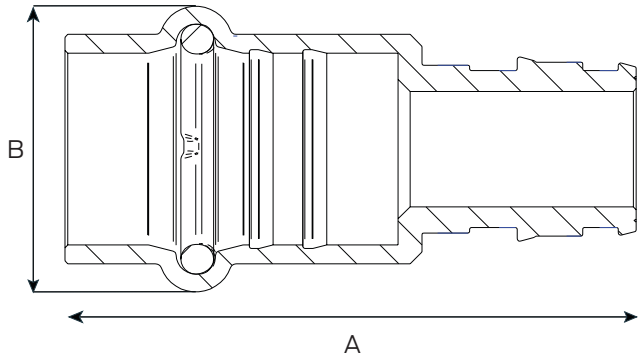
| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB514 | 1/2 in. | 0.83 | 0.71 |
| UAB518 | 3/4 in. | 1.07 | 0.95 |
| UAB520 | 1 in. | 1.29 | 1.18 |



## Expansion X Copper Press Adapters

| Materials | |
|---|---|
| Body | Lead-Free DZR Brass |
| O-Ring | EDPM Rubber |

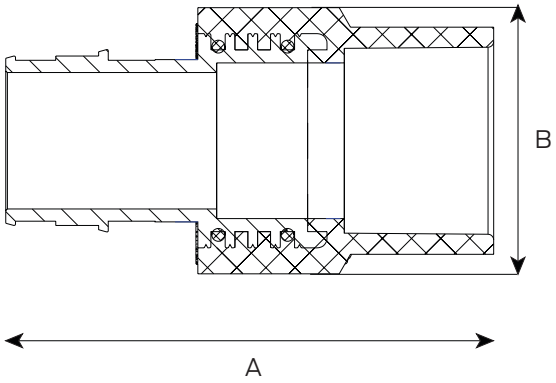
| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB716 | 1/2 in. | 1.89 | 0.73 |
| UAB722 | 3/4 in. | 2.22 | 0.99 |
| UAB728 | 1 in. | 2.46 | 1.26 |
| UAB735 | 1-1/4 in. | 2.74 | 1.53 |
| UAB741 | 1-1/2 in. | 3.21 | 1.80 |
| UAB754 | 2 in. | 3.88 | 2.33 |




## Expansion X CPVC Adapters

| Materials | |
|---|---|
| Body | Lead-Free DZR Brass |
| Joint | CPVC |
| O-Ring | EDPM Rubber |

| Dimensions (Inches) | | | |
|---|---|---|---|
| Part # | Size | A | B |
| UAB916 | 1/2 in. | 1.89 | 0.73 |
| UAB922 | 3/4 in. | 2.22 | 0.99 |
| UAB928 | 1 in. | 2.46 | 1.26 |
| UAB935 | 1-1/4 in. | 2.74 | 1.53 |
| UAB941 | 1-1/2 in. | 3.21 | 1.80 |
| UAB054 | 2 in. | 3.88 | 2.33 |
| UAB954 | 2 in. | 3.88 | 2.33 |



## Expansion X Water Meter Adapters

| Materials | |
|---|---|
| Body | Lead-Free DZR Brass |
| O-Ring | EDPM Rubber |

| Dimensions (Inches) | | | | |
|---|---|---|---|---|
| Part # | Size | A | B | C |
| Straight Adapter (Fig. 1) | | | | |
| UABWMS22 | 3/4 in. | 1.77 | 1.57 | 1.42 |
| UABWMS28 | 1 in. | 2.01 | 1.97 | 1.80 |
| Elbow Adapters (Fig. 2) | | | | |
| UABWML22 | 3/4 in. | 2.11 | 1.57 | 2.18 |
| UABWML28 | 1 in. | 2.88 | 1.97 | 2.50 |

Fig. 1

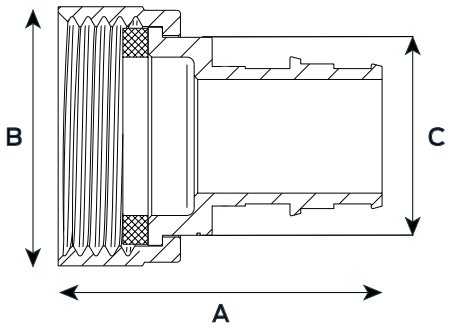
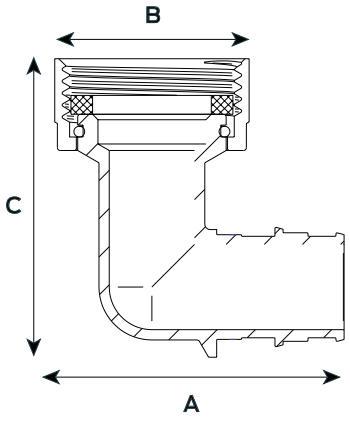



Fig. 2




## Expansion X Water Meter Ball Valve

| Materials | |
|---|---|
| Valve Body | Lead-Free DZR Brass |
| Ball | Lead-Free DZR Brass |
| Seal Ring | PTFE |
| Bonnet | Lead-Free DZR Brass |
| Plastic Jacket | PTFE |
| Stem | Lead-Free DZR Brass |
| O-Ring | EPDM |
| Handle | Steel |
| Nut | Brass |

| Performance | | |
|---|---|---|
| Rated Flow Rate | | |
| 3/4 in. at | 68 L/m | 18 gpm |
| 1 in. at | 118 L/m | 30 gpm |

| Dimensions (Inches) | | | | |
|---|---|---|---|---|
| Part # | Size | A | B | C |
| Straight Valve (Fig. 1) | | | | |
| UABWMVS22 | 3/4 in. | 5.35 | 1.57 | 2.30 |
| UABWMVS28 | 1 in. | 6.54 | 1.97 | 2.94 |
| Elbow Valve (Fig. 2) | | | | |
| UABWMVL22 | 3/4 in. | 3.80 | 1.57 | 3.20 |
| UABWMVL28 | 1 in. | 4.91 | 1.97 | 3.98 |

Fig. 1

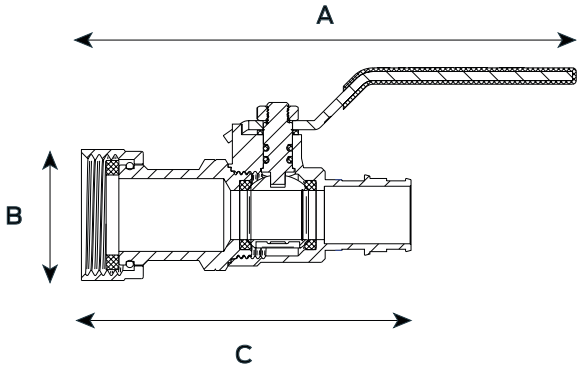



Fig. 2

