

SharkBite Max™

Fittings

SharkBite Max™ Fittings provide quick, reliable connections for residential and commercial plumbing systems. Engineered with stainless steel retainers, these fittings are rated for up to 400 psi and offer lower insertion effort than previous SharkBite brass push-to-connect fittings.

SharkBite Max™ fittings are compatible with PEX, copper, CPVC, PE-RT, and HDPE piping and are available in sizes from 1/2" to 2", supporting a wide range of applications, including larger diameter installations. For fittings 1-1/4" and larger, a PEX tube liner is required when used with PEX piping. Tube liners are not required for PEX applications 1" and below. HDPE installations require a tube stiffener (sold separately by the HDPE manufacturer).

Applications

SharkBite Max™ fittings are designed for quick, reliable connections in residential and commercial potable water, recirculation, and hydronic heating/cooling systems (up to 50% glycol concentration). Approved for behind-the-wall installations without access panels and for underground applications when properly wrapped, these fittings provide a dependable solution across a wide range of plumbing systems.

Specifications Data

Materials	
Body	Lead-Free DZR Brass
O-ring	EPDM
Steel Retainer	304 Stainless Steel
Grab Ring	316 Stainless Steel

Pipe Insertion Depth		Performance	
Fitting Size	Insertion Depth	Max Working Pressure	
1/2 in.	1.00 in.	Max Pressure	400 psi
3/4 in.	1.25 in.	Max Temperature	200°F (93°C)
1 in.	1.5 in.		
1-1/4 in.	1-7/8 in. (48 mm)		
1-1/2 in.	2-1/16 in. (52 mm)		
2 in.	2-3/16 in. (56 mm)		

Certifications & Listings

ASME A112.4.14/CSA B125.14,
 NSF/ANSI 14,
 NSF/ANSI/CAN 61, NSF/ANSI/CAN 372

For listing information, please contact Customer Service

*HDPE installations must use a tube stiffener. Sold separately by HDPE manufacturer.

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

Fig. 1

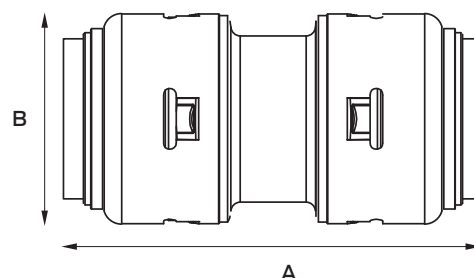
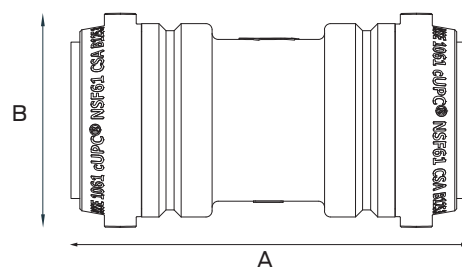


Fig. 1A



Coupling

Dimensions (Inches)

Part #	Size	A	B
Fig. 1			
UR008	1/2 in.	2.1	1.0
UR016	3/4 in.	2.6	1.3
UR020	1 in.	3.1	1.5
Fig. 1A			
UXL0135	1-1/4 in.	3.8	2.1
UXL0141	1-1/2 in.	4.2	2.4
UXL0154	2 in.	4.5	2.9

Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

End Cap

Dimensions (Inches)				
Part #	Size	A	B	
Fig. 1				
UR514	1/2 in.	1.1	1.0	
UR518	3/4 in.	1.3	1.3	
UR520	1 in.	1.5	1.8	
Fig. 1A				
UXL0435	1-1/4 in.	2.1	2.2	
UXL0441	1-1/2 in.	2.4	2.4	
UXL0454	2 in.	2.9	2.6	

Fig. 1

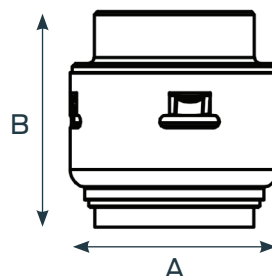
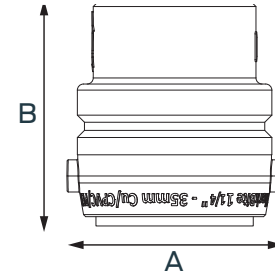
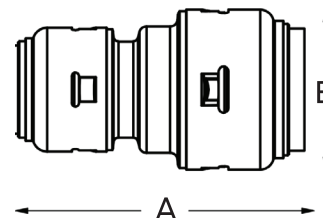


Fig. 1A



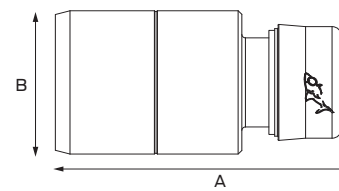
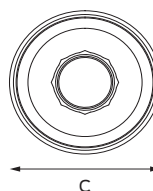
Reducing Coupling

Dimensions (Inches)					
Part #	Size	A	B	C	
UR058	3/4 in. X 1/2 in.	2.4	1.2	1.2	
UR060	1 in. X 3/4 in.	2.9	1.5	1.5	
UXL014135	1-1/2 in. x 1-1/4 in.	4.1	2.4	2.2	
UXL015441	2 in. x 1-1/2 in.	4.4	2.9	2.7	



Fitting Reducer

Dimensions (Inches)					
Part #	Size	A	B	C	
UXL124122	1-1/2 in. X 3/4 in.	3.2	1.6	1.6	
UXL125428	2 in. X 1 in.	3.5	2.1	2.1	
UXL123522	1-1/4 in. X 3/4 in.	3.1	1.4	1.4	
UXL124128	1-1/2 in. X 1 in.	3.4	1.6	1.6	
UXL123528	1-1/4 in. X 1 in.	3.2	1.6	1.6	
UXL123516	1-1/4 in. X 1/2 in.	3.0	1.4	1.4	
UXL125441	2 in. X 1-1/2 in.	4.7	2.4	2.2	
UXL124116	1-1/2 in. X 1/2 in.	3.2	1.6	1.6	
UXL125416	2 in. X 1/2 in.	3.3	2.1	2.1	
UXL124135	1-1/2 in. X 1-1/4 in.	4.5	2.1	1.9	
UXL125435	2 in. X 1-1/4 in.	4.0	2.1	2.1	



Male Adapter

Dimensions (Inches)				
Part #	Size	A	B	C
Fig. 1				
UR116	1/2 in. X 3/4 in. MNPT	1.9	1.2	1.1
UR120	1/2 in. X 1/2 in. MNPT	1.9	1.0	1.0
UR134	3/4 in. X 3/4 in. MNPT	2.1	1.3	1.3
UR138	3/4 in. X 1/2 in. MNPT	2.1	1.3	1.3
UR140	1 in. x 1 in. MNPT	2.5	1.5	1.5
UR142	1 in. x 3/4 in. MNPT	2.5	1.5	1.5
Fig. 1A				
UXL113532M	1-1/4 in. x 1-1/4 in. MNPT	2.9	2.1	1.9
UXL114140M	1-1/2 in. x 1-1/2 in. MNPT	3.0	2.4	2.2
UXL115450M	2 in. x 2 in. MNPT	3.3	2.9	2.7

Fig. 1

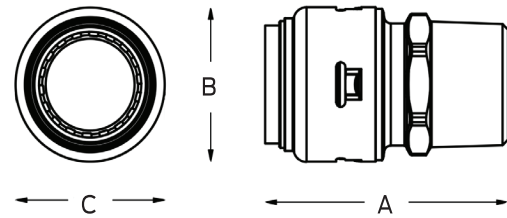
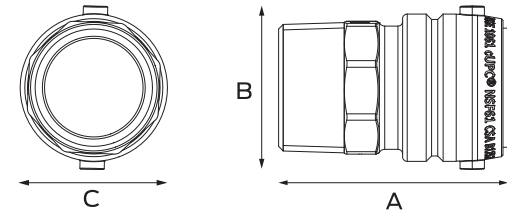


Fig. 1A



Female Adapter

Dimensions (Inches)				
Part #	Size	A	B	C
Fig. 1				
UR068	1/2 in. X 3/4 in. FNPT	1.9	1.3	1.2
UR072	1/2 in. X 1/2 in. FNPT	1.8	1.1	1.1
UR088	3/4 in. X 3/4 in. FNPT	2.1	1.3	1.3
UR092	3/4 in. X 1/2 in. FNPT	2.0	1.3	1.3
UR094	1 in. X 1 in. FNPT	2.5	1.5	1.5
Fig. 1A				
UXL113532F	1-1/4 in. x 1-1/4 in. FNPT	2.8	2.1	1.9
UXL114140F	1-1/2 in. x 1-1/2 in. FNPT	2.9	2.4	2.3
UXL115450F	2 in. x 2 in. FNPT	3.1	2.9	2.8

Fig. 1

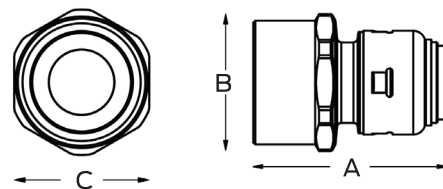
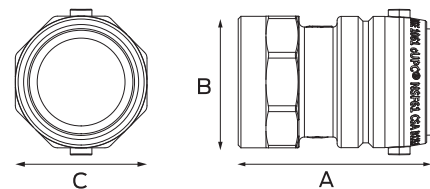


Fig. 1A



90° Elbow

Dimensions (Inches)

Part #	Size	A	B	C
Fig. 1				
UR248	1/2 in.	1.9	1.9	1.0
UR256	3/4 in.	2.5	2.5	1.3
UR260	1 in.	2.9	2.9	1.5
Elbow with Drain				
UR5248	1/2 in.	2.3	1.9	1.0
UR5256	3/4 in.	2.8	2.4	1.3
Fig. 1A				
UXL0235	1-1/4 in.	3.6	3.6	3.6
UXL0241	1-1/2 in.	4.1	4.1	2.4
UXL0254	2 in.	4.7	4.7	2.9
Drop Ear Elbow (Fig. 2)				
UR249	1/2 in. x 1/2 in.	2.0	2.2	1.6
UR334	1/2 in. x 1/2 in. FNPT	2.3	1.8	1.6
UR340	3/4 in. X 3/4 in. FNPT	2.7	2.1	1.8
Dishwasher Elbow (Fig. 3)				
UR281	1/2 in. X 3/8 in. FNPT	1.8	1.8	1.0
Reducing Elbow (Fig.4)				
UR274	3/4 in. X 1/2 in.	2.2	2.3	1.3
UR278	1 in. x 3/4 in.	2.5	2.5	1.3
Street Elbow (Fig. 5)				
UXL0935	1-1/4 in.	3.5	4.7	2.1
UXL0941	1-1/2 in.	4.0	5.3	2.4
UXL0954	2 in.	4.6	5.9	2.9

Fig. 1

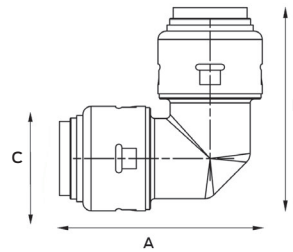


Fig. 1A

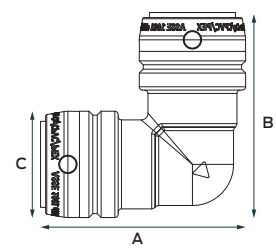


Fig. 2

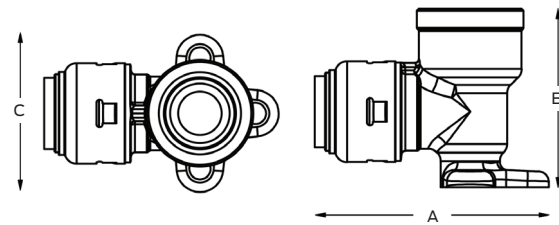


Fig. 3

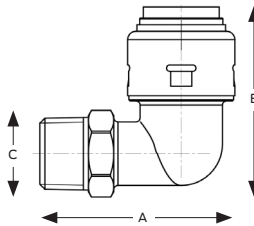


Fig. 4

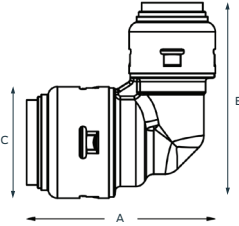
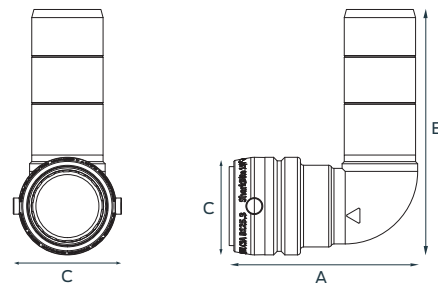


Fig. 5



45° Elbow

Dimensions (Inches)				
Part #	Size	A	B	C
Fig. 1				
UR648	1/2 in.	2.0	1.6	1.0
UR656	3/4 in.	2.8	2.2	1.3
UR660	1 in.	3.6	2.5	1.5
Fig. 1A				
UXL0535	1-1/4 in.	4.6	3.2	2.1
UXL0541	1-1/2 in.	5.1	3.6	2.4
UXL0554	2 in.	5.1	3.6	2.4
UXL0741	1-1/2 in.	5.7	4.2	2.4
UXL0754	2 in.	6.3	4.8	2.9

Fig. 1

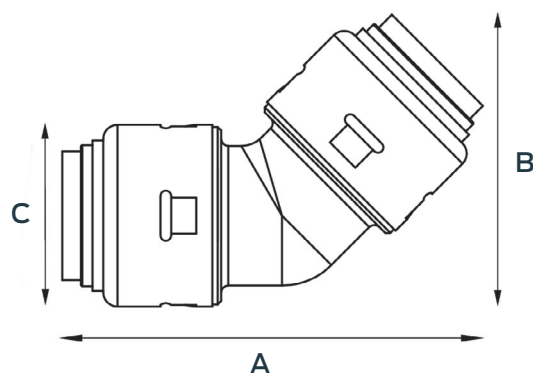
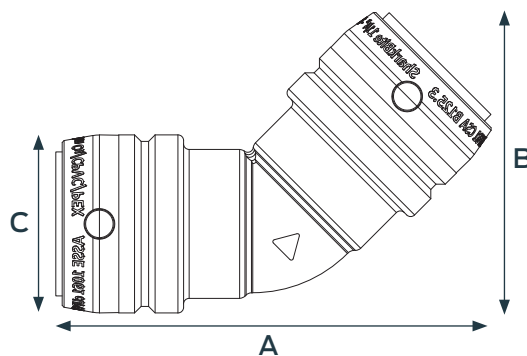


Fig. 1A



Tee

Dimensions (Inches)				
Part #	Size	A	B	C
Fig. 1				
UR362	1/2 in.	2.9	1.9	1.0
UR370	3/4 in.	3.7	2.5	1.3
UR374	1 in.	4.3	2.9	1.5
Fig. 1A				
UXL0835	1-1/4 in.	5.4	3.5	2.1
UXL0841	1-1/2 in.	6.0	4.1	2.4
UXL0854	2 in.	6.8	4.7	2.9

Fig. 1

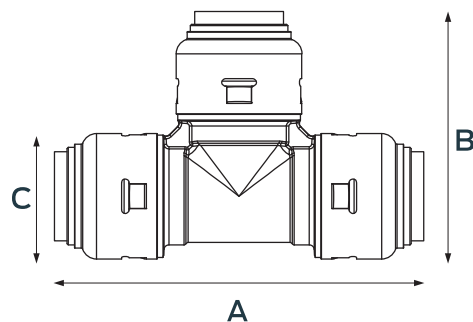
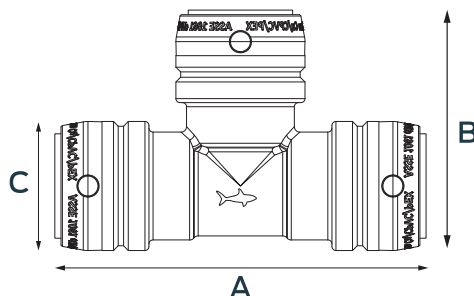


Fig. 1A



Reducing Tee

Dimensions (Inches)					
Part #	Size	A	B	C	
Fig. 1					
UR412	3/4 in. x 3/4 in. x 1/2 in.	3.5	2.3	1.3	
UR444	3/4 in. x 3/4 in. x 1/2 in.	3.5	2.5	1.3	
UR454	3/4 in. x 3/4 in. x 1/2 in.	3.2	2.3	1.3	
UR416	1 in. x 1 in. x 3/4 in.	4.0	2.8	1.5	
Fig. 1A					
UXL08353522	1-1/4 in. x 1-1/4 in. X 3/4 in.	5.0	3.1	2.1	
UXL08353528	1-1/4 in. x 1-1/4 in. x 1 in.	5.2	3.2	2.1	
UXL08413535	1-1/2 in. x 1-1/4 in. x 1-1/4 in.	8.4	3.8	2.4	
UXL08414122	1-1/2 in X 1-1/2 in. X 3/4 in.	5.4	3.3	2.4	
UXL08414128	1-1/2 in. x 1-1/2 in. x 1 in.	5.6	3.5	2.4	
UXL08414135	1-1/2 in. x 1-1/2 in. x 1-1/4 in.	5.9	3.8	2.4	
UXL08544135	2 in. x 1 1/2 in. x 1 1/4 in.	8.8	4.1	2.9	
UXL08544141	2 in. x 1 1/2 in. x 1 1/2 in.	8.9	4.2	2.9	
UXL08544154	2 in. x 1 1/2 in. x 2 in.	9.4	4.7	2.9	
UXL08545435	2 in. x 2 in. x 1-1/4 in.	6.3	4.3	2.9	
UXL08545441	2 in. x 2 in. x 1-1/2 in.	6.3	4.5	2.9	
UXL08545422	2 in. x 2 in. x 3/4 in.	5.9	3.8	2.9	
UXL08412822	1-1/2 in. x 1 x 3/4 in.	6.8	3.3	2.4	
UXL08352822	1-1/4 in. x 1 in. x 3/4 in.	6.4	3.1	2.1	
UXL08413522	1-1/2 in. x 1-1/4 in. x 3/4 in.	7.9	3.3	2.4	
UXL08412828	1-1/2 in. x 1 in. x 1 in.	6.9	3.5	2.4	
UXL08412841	1-1/2 in. x 1 in. x 1-1/2 in.	7.3	4.1	2.4	
UXL08353516	1-1/4 in. x 1-1/4 in. x 1/2 in.	5.0	3.0	2.1	
UXL08414116	1-1/2 in. x 1-1/2 in. x 1/2 in.	5.5	3.3	2.4	
UXL08352828	1-1/4 in. x 1 in. x 1 in.	6.6	3.2	2.1	
UXL08352235	1-1/4 in. x 3/4 in. x 1-1/4 in.	6.6	3.5	2.1	
UXL08352228	1-1/4 in. x 3/4 in. x 1 in.	6.5	3.2	2.1	
UXL08352222	1-1/4 in. x 3/4 in. x 3/4 in.	6.3	3.1	2.1	
UXL08545416	2 in. x 2 in. x 1/2 in.	5.9	3.8	2.9	
UXL08351635	1-1/4 in. x 1/2 in. x 1-1/4 in.	6.6	3.5	2.1	
UXL08413528	1-1/2 in. x 1-1/4 in. X 1 in.	8.1	3.5	2.1	
UXL08352216	1-1/4 in. x 3/4 in. x 1/2 in.	6.3	3.0	2.1	
UXL08352816	1-1/4 in. x 1 in. x 1/2 in.	6.4	3.0	2.1	
UXL08544128	2 in. x 1-1/2 in. x 1 in.	8.4	3.9	2.9	

Fig. 1

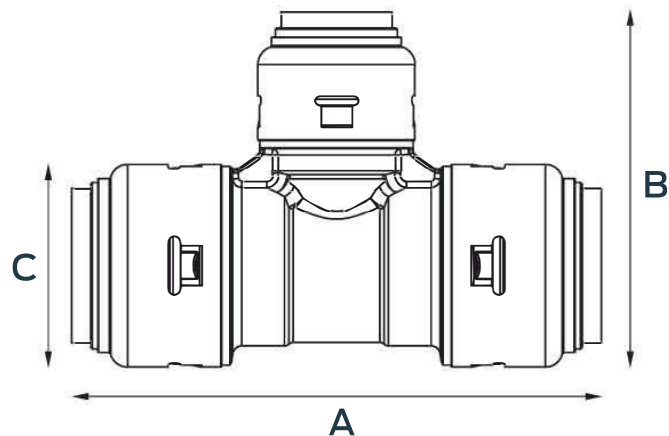
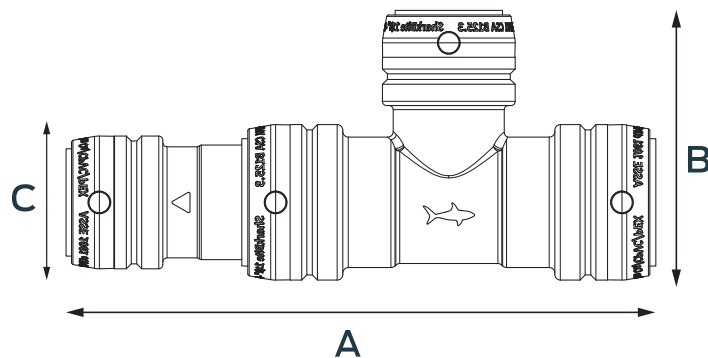
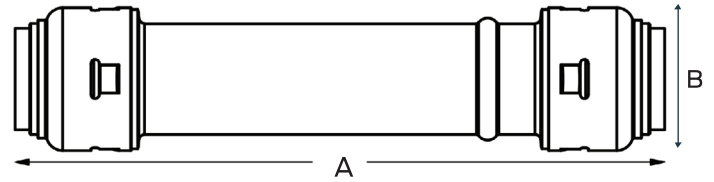


Fig. 1A



Slip Coupling

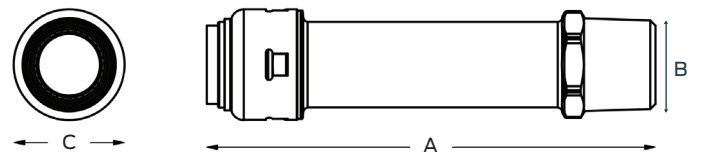
Dimensions (Inches)			
Part #	Size	A	B
UR3008	1/2 in.	4.6	1.0
UR3016	3/4 in.	4.9	1.3
UR3020	1 in.	5.1	1.5
UR3016	1-1/4 in.	6.4	2.1
UR3016	1-1/2 in.	7.1	2.4
UR3016	2 in.	7.5	2.9



*Slip connections are only compatible with CPVC and copper

Slip Adapter

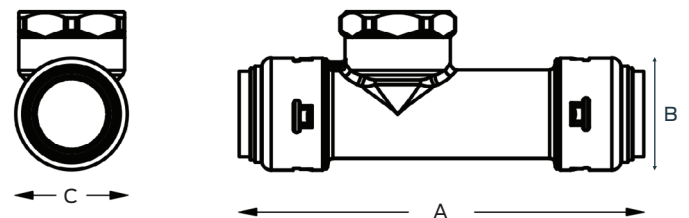
Dimensions (Inches)				
Part #	Size	A	B	C
UR3120	1/2 in.	2.9	1.9	1.0
UR3134	3/4 in.	3.7	2.5	1.3
UR3140	1 in.	4.3	2.9	1.5



*Slip connections are only compatible with CPVC and copper

Female Center Slip Tee

Dimensions (Inches)				
Part #	Size	A	B	C
UR3486	3/4 in. X 3/4 in. X 3/4 in. FNPT	4.4	2.0	1.0



*Slip connections are only compatible with CPVC and copper