



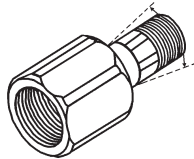
Badger Meter® provides connections and flanges for use with disc series, turbo series, compound series, fire series and E-series® Ultrasonic meters.

Connections and flanges generally must be ordered in complete sets, which include rubber washers or gaskets and hardware. Additional washers, gaskets and hardware are also available as separate items.

The plastic swivel and the plastic/NL bronze swivel connections permit meter installation in misaligned pipe situations with as much as 1-1/2 inch offset. These connection sets also include O-rings for a superior seal with minimum force.

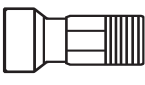

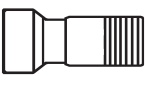

**IMPORTANT**

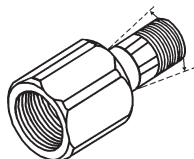
***Badger Meter recommends that you replace the entire connection set at the time of meter replacement, or earlier if conditions require.***



**Plastic Swivel Connection Sets for E-Series Ultrasonic Meters**

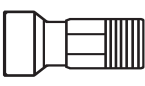

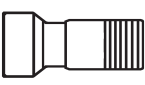

Complete set with rubber washers and O-rings

		Customer Requires			
		2014 SDWA Compliant	2014 SDWA Compliant & NSF 372 Certified	2014 SDWA Compliant, NSF-61 & 372 Certified	
 	<b>Size</b>	<b>Material</b>			
	<b>5/8 in.</b>	Plastic	34990-029	34990-029	Not Available
	<b>3/4 in.</b>	Plastic	34990-030	34990-030	Not Available
	<b>1 in.</b>	Plastic	34990-031	34990-031	Not Available
 	<b>3/4 in. Short</b>	Plastic/BiAlloy	34990-034	34990-034	Not Available
	<b>1 in. Short</b>	Plastic/BiAlloy	34990-035	34990-035	Not Available
	<b>3/4 in. Long</b>	Plastic/BiAlloy	34990-032	34990-032	Not Available
	<b>1 in. Long</b>	Plastic/BiAlloy	34990-033	34990-033	Not Available



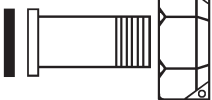
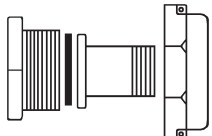
**Plastic Swivel Connection Sets for Disc Series Meters**

Complete set with rubber washers and O-rings

		Customer Requires			
		2014 SDWA Compliant	2014 SDWA Compliant & NSF 372 Certified	2014 SDWA Compliant, NSF-61 & 372 Certified	
 	<b>Size</b>	<b>Material</b>			
	<b>5/8 in.</b>	Plastic	34990-004	34990-004	Not Available
	<b>3/4 in.</b>	Plastic	34990-005	34990-005	Not Available
	<b>1 in.</b>	Plastic	34990-006	34990-006	Not Available
 	<b>3/4 in. Short</b>	Plastic/BiAlloy	34990-017	34990-017	Not Available
	<b>1 in. Short</b>	Plastic/BiAlloy	34990-018	34990-018	Not Available
	<b>3/4 in. Long</b>	Plastic/BiAlloy	34990-019	34990-019	Not Available
	<b>1 in. Long</b>	Plastic/BiAlloy	34990-020	34990-020	Not Available

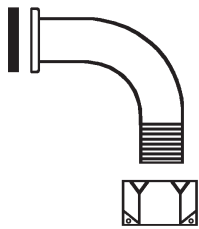
**NL Bronze Straight Connection Sets for Disc Series & E-Series Ultrasonic Meters**

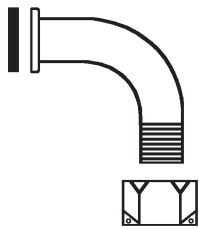
Complete set with rubber washers

		Customer Requires			
		2014 SDWA Compliant	2014 SDWA Compliant & NSF 372 Certified	2014 SDWA Compliant, NSF-61 & 372 Certified	
	Size	Material			
	5/8 in.	NL bronze straight	67632-001	67632-001	67632-001
	3/4 in.	NL bronze straight	67632-003	67632-003	67632-003
	1 in.	NL bronze straight	67632-005	67632-005	67632-005
	1-1/2 in.	NL bronze straight	67632-009	67632-009	67632-009
	2 in.	NL bronze straight	67632-010	67632-010	67632-010

**NL Bronze Bent Connection Sets for Disc Series Meters**

Complete set with rubber washers

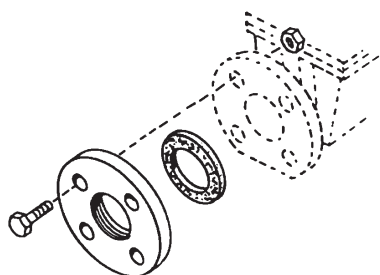


		Customer Requires		
		2014 SDWA Compliant	2014 SDWA Compliant & NSF 372 Certified	2014 SDWA Compliant, NSF-61 & 372 Certified
	Size	Material		
	5/8 in.	NL bronze bent	67632-002	67632-002
	3/4 in.	NL bronze bent	67632-004	67632-004
	1 in.	NL bronze bent	67632-006	67632-006

**Washers and O-rings only for plastic and bronze connections**

	5/8 in.	3/4 in.	1 in.
90 durometer, rubber washer kit (w/2 washers)*	34819-037	34819-038	34819-039
90 durometer, rubber washer*	68219-006	68219-007	68219-008
9/64 in. thick rubber washer kit (w/2 washers)	34819-001	34819-008	34819-009
9/64 in. thick rubber washer	11012-001	14143-000	18177-000
5/64 in. thin rubber washer kit (w/2 washers)	34819-005	34819-002	34819-003
5/64 in. thin rubber washer	11012-003	14143-001	18177-001
O-ring for plastic connections	22650-066	22650-065	22650-064

\*Recommended for the E-Series Ultrasonic meter.



**Round Flange Sets for Turbo Series & Compound Series Meters**

Includes hardware and rubber gaskets

Size	Material	Customer Requires		
		2014 SDWA Compliant	2014 SDWA Compliant & NSF 372 Certified	2014 SDWA Compliant, NSF-61 & 372 Certified
<b>2 in. Round</b>	NL bronze with 316 SS hardware	14315-114	Not Available	Not Available
<b>3 in. Round</b>	NL bronze with 316 SS hardware	14315-115	Not Available	Not Available
<b>4 in. Round</b>	NL bronze with 316 SS hardware	14315-116	Not Available	Not Available
<b>6 in. Round</b>	NL bronze with 316 SS hardware	14315-117	Not Available	Not Available
<b>8 in. Round</b>	NL bronze with 316 SS hardware	14315-118	Not Available	Not Available
<b>2 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-016	Not Available	Not Available
<b>3 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-017	Not Available	Not Available
<b>4 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-018	Not Available	Not Available
<b>6 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-019	Not Available	Not Available
<b>8 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-013	Not Available	Not Available
<b>10 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-014	Not Available	Not Available
<b>12 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-015	Not Available	Not Available
<b>16 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-075	Not Available	Not Available
<b>20 in. Round</b>	Cast Iron with zinc plated carbon steel hardware	14315-076	Not Available	Not Available

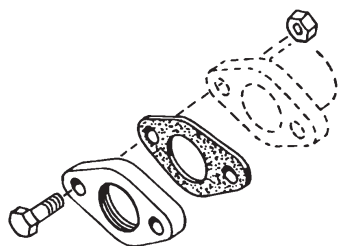
**NOTE:** Round flange sets include standard circular rubber gaskets.

**Gaskets only**

2 in.	3 in.	4 in.	6 in.	8 in.	10 in.	12 in.	16 in.	20 in.
11071-008	11071-009	11071-010	11071-011	11071-012	11071-013	11071-014	11071-043	11071-044

**Hardware for round flanges, if ordered separately**

Size	316 SS Bolt	Nut	Steel Bolt	Nut
<b>2 in.</b>	55031-173	55007-034	55026-173	55001-061
<b>3 in.</b>	55031-175	55007-034	55026-175	55001-061
<b>4 in.</b>	55031-176	55007-034	55026-176	55001-061
<b>6 in.</b>	55031-204	55007-035	55026-204	55001-062
<b>8 in.</b>	55031-206	55007-035	55026-205	55001-062
<b>10 in.</b>	Not Available	Not Available	55026-233	55001-063
<b>12 in.</b>	Not Available	Not Available	55026-233	55001-063
<b>16 in.</b>	Not Available	Not Available	55026-263	55001-064
<b>20 in.</b>	Not Available	Not Available	55026-291	55001-065



**Elliptical Flange Sets  
for Disc Series, Turbo Series,  
Compound Series & E-Series Ultrasonic Meters**

Includes hardware and rubber gaskets\*

Size	Material	Customer Requires		
		2014 SDWA Compliant	2014 SDWA Compliant & NSF 372 Certified	2014 SDWA Compliant, NSF-61 & 372 Certified
<b>1-1/2 in. Elliptical</b>	NL bronze with 316 SS hardware	20336-046	20336-046	20336-046
<b>2 in. Elliptical</b>	NL bronze with 316 SS hardware	20336-048	20336-048	20336-048
<b>1-1/2 in. Elliptical**</b>	Ductile iron with zinc plated carbon steel hardware	20336-045	Not Available	Not Available
<b>2 in. Elliptical**</b>	Ductile iron with zinc plated carbon steel hardware	20336-047	Not Available	Not Available

\*Elliptical flange sets include rubber drop-in gaskets (as sold by our supplier).

\*\* Not available for E-Series Ultrasonic meters.

**Gaskets, if ordered without flange sets, are standard elliptical gaskets\***

<b>1-1/2 in. Elliptical</b>	03240-000
<b>2 in. Elliptical</b>	03241-000

\*Standard elliptical (not drop-in style).

**Hardware for elliptical flanges,  
if additional are required**

	1-1/2 in.	2 in.
<b>316 SS Bolt</b>	55031-175	55031-203
<b>SS Nut</b>	55007-034	55007-035
<b>Steel Bolt</b>	55026-175	55026-176
<b>Steel Nut</b>	55001-061	55001-061

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