

Connections and Flanges

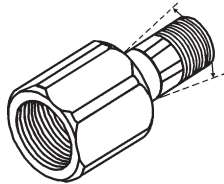
For use with Disc, Turbo and Compound Meters

Badger Meter® provides connections and flanges for use with disc, turbo and compound meters. Included are cast bronze connections in both straight and bent styles, plastic swivel connections, bronze/plastic combination swivel connections plus round and elliptical flanges in cast iron or bronze.

Connections used with disc meters generally must be ordered in complete sets, but gaskets, spacer-gaskets and special parts are available separately. For larger meters, most components can be ordered individually. When standard bronze connections are ordered with meters, rubber gaskets are provided. Badger Meter recommends the use of rubber gaskets.

The plastic swivel connection and the lead-free bronze alloy/plastic swivel connection permit meter installation in misaligned situations with as much as 1-1/2" offset. These connections use O-rings for a superior seal with minimum force. All sets are furnished with a variety of spacer-gaskets used to fill spaces up to 1/2" between the meter and rigid meter setting. Refer to the tables in this document for available sizes.

IMPORTANT: Replace the entire connection set at the time of meter replacement or if conditions require earlier replacement.

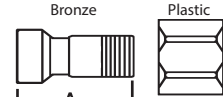


Swivel connection for misaligned pipe

All Plastic Swivel

	Meter Size	Dimension A
	5/8 in.	2-7/16 in.
	5/8 x 3/4 in., 3/4 in.	2-9/16 in.
	1 in.	2-3/4 in.

Bronze, Plastic Swivel

	Meter Size	Dimension A	
		Short	Long
	5/8 x 3/4 in., 3/4 in.	2 in.	2-1/2 in.
	1 in.	2 in.	2-5/8 in.

Bronze Straight, Through 1 in.

	Meter Size	Dimension A
	5/8 in.	2-3/8 in.
	5/8 x 3/4 in., 3/4 in.	2-1/2 in.
	1 in.	2-5/8 in.

Bronze Straight, Through 2 in.

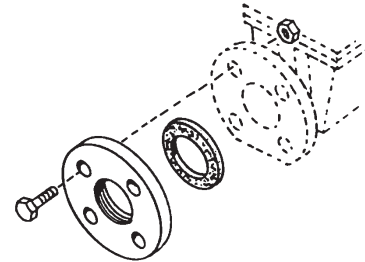
	Meter Size	Dimension A
	1-1/4 in.	2-3/16 in.
	1-1/2 in.	2-3/16 in.
	2 in.	2-5/16 in.

Bronze Bent

	Meter Size	Dimension A
	5/8 in.	2-1/8 in.
	5/8 x 3/4 in., 3/4 in.	2-1/4 in.
	1 in.	2-1/2 in.

NOTE: Not compliant with U.S. Safe Drinking Water Act (42 U.S.G. 300g-6).

Round Flange Set



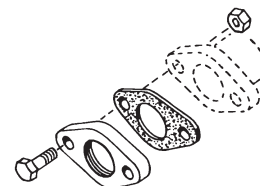
Round Flanges for Turbo and Compound Meters Through 6 in.

Description	Part Number			
	2"	3"	4"	6"
Iron Flanges (Set)	14315-016	14315-017	14315-018	14315-019
Iron Flanges (Single)	23123-009	23123-007	23123-005	23123-012
Gasket	11071-008	11071-009	11071-010	11071-011
Steel Bolt	55026-173	55026-175	55026-176	55026-204
Steel Nut	55001-061	55001-061	55001-061	55001-062
Bronze Flanges (Set)	14315-010	14315-011	14315-012	14315-002
Bronze Flanges (Single)	23123-010	23123-008	23123-006	23123-013
Gasket	11071-008	11071-009	11071-010	11071-011
Stainless Steel Bolt	55031-173	55031-175	55031-176	55031-204
Stainless Steel Nut	55007-034	55007-034	55007-034	55007-035

Round Flanges for Turbo and Compound Meters Through 20 in.

Description	Part Number				
	8"	10"	12"	16"	20"
Bronze Flanges (Set)	14315-030	—	—	—	—
Iron Flanges (Set)	14315-013	14315-014	14315-015	14315-075	14315-076
Iron Flanges (Single)	23123-004	23123-003	23123-002	23123-035	23123-036
Gasket	11071-012	11071-013	11071-014	11071-043	11071-044
Steel Bolt	55026-205	55026-233	55026-233	55026-263	55026-291
Steel Nut	55010-062	55001-063	55001-063	55001-064	55001-065

Elliptical Flange Set



Elliptical Flanges for Disc, Turbo and Compound Meters

Description	1-1/2" Disc Meters		2" Disc, Turbo and Compound	
	Iron	LF Bronze Alloy	Iron	LF Bronze Alloy
Flange Set	20336-000	20336-001	20336-006	20336-007
Flange Set	—	—	—	20336-019*
Flange (Single)	20374-000	20551-000	20561-000	11002-002
Rubber Gasket	3240-000	3240-000	3241-000	3241-000
Bolt	55026-175	55031-175	55026-176	55031-176
Nut	55001-061	55007-034	55001-061	55007-034
Bolt	—	—	—	55031-174*

*For 2" Bronze turbo only w/shorter bolt

Disc Meter Connections through 1 in.

Description	Part Number		
	5/8"	3/4"	1"
Plastic Connections (Set):	34990-004	34990-005	34990-006
Bronze/Plastic Connections (Set)			
Long Style	—	34990-019	34990-020
Short Style	—	34990-017	34990-018
Straight Connections (Metal)(Set)			
With Rubber Gaskets	7557-002	7559-002	7561-002
With Leather Gaskets	7557-000	7559-000	7561-000
With Fiber Gaskets	7557-019	7559-005	7561-004
Less Gaskets	7557-027	7559-016	7561-019
Bent Connections (Metal)(Set)			
With Rubber Gaskets	7558-001	7560-001	7562-001
With Leather Gaskets	7558-000	7560-000	7562-000
Less Gaskets	7558-005	7560-006	7562-005
Combination Connections (Metal) One Straight Plus One Bent (Set)			
With Rubber Gaskets	20518-001	26012-001	20542-001
With Leather Gaskets	20518-000	26012-000	20542-000
Less Gaskets	20518-002	26012-002	20542-002
Special: For Connecting 5/8" x 3/4" or 3/4" Meters to 1/2"			
Service Line: 5/8" x 3/4" x 1/2" Connection Set			
With Leather Washers Only	7559-009	7559-009	—
9/64" Thick Rubber Spacer Gasket	11012-001	14143-000	18177-000
5/64" Thin Rubber Spacer Gasket	11012-003	14143-001	18177-001
9/64" Leather Gasket	11012-000	1268-000	1310-000
5/8" x 3/4" Leather Gasket	17842-000	—	—
1/16" Gasket (Gylon)	6125-000	6126-000	6127-000
1/32" Gasket (Gylon)	6125-001	6140-001	—
1/8" Gasket (Gylon)	6125-002	6140-000	6142-000
O-Ring for Plastic Coupling	55300-017	55300-021	55300-026

Disc Meter Connections through 2 in.

Description	Part Number			
	1" x 1-1/4"	1-1/4"	1-1/2"	2"
Straight Connections (Set):	1" x 1-1/4"	1-1/4"	1-1/2"	2"
With Leather Gasket	23378-000	12710-000	—	—
With Rubber Gasket	23378-002	—	—	—
With Fiber Gasket	23378-001	12710-001	7563-000	7564-000
Less Gasket	23378-003	—	—	—
Leather Gasket	4568-000	4568-000	—	—
Gasket (Gylon)	6128-000	6128-000	1331-000	1359-000

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