



MIDLAND MFG CO.

ESTABLISHED 1889 - FORT WORTH



MIDLAND WELL CYLINDERS

DEEP WELL, SHALLOW WELL & HEAVY WALL CYLINDERS
FLOAT VALVES, TANK FLANGES, STUFFING BOXES

PRICE BOOK September 6, 2021

MIDLAND MANUFACTURING COMPANY

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MANUFACTURING
WATER WELL CYLINDERS
FOR OVER 130 YEARS

LEADING THE INDUSTRY WITH OUR QUALITY & SERVICE

Cast Bronze Products

MARCOZA Architectural/Memorial Products

MIDCO Municipal Products



2021 MIDLAND WATER WELL CYLINDERS PRICE BOOK

Shipping Discounts & Warranty

SHIPPING PROGRAM

Prepaid freight is available on \$2,800 net orders or larger and is FOB our dock in Fort Worth to destination or port of departure for locations outside the continental 48 states. Midland Manufacturing Company is not responsible for additional freight delivery charges such as residential deliveries, inside deliveries, deliveries by appointment, deliveries without a dock, deliveries on military bases, or excessive unloading time. Additional delivery fees may also apply as this is not a complete list of delivery exceptions.

Shipping net orders over \$2,800 to locations outside of the continental US is FREE to our designated port or border city; Seattle for Alaska shipments, San Diego for Hawaii shipments, etc. All discounts subject to change without notice.

The current price book, product catalog, and product details are also available at www.midland-midco.com and hard back binder price books are available upon request at no charge.

ORDERING: *Please send all orders by email to micaela@midland-midco.com for faster processing.*

All Midland & MIDCO products and components are fully compliant with NSF 61 Annex G Standard 372 - Safe Drinking Water Act & Public Law 111-380, the "BUY AMERICAN" section 1605 of the ARRA, Conflict Minerals Requirements, and Recycled Materials Certifications.

WARRANTY

Goods manufactured by Midland Manufacturing Company which are found to be defective will be replaced at no charge upon written notice and receipt of defective parts, normal wear excluded. Since we have no control over the manner in which our equipment is installed and/or used, warranty obligations apply only when Midland products are used for the intended purpose in accordance with acceptable installation and operating practices. We are not responsible for labor or any other costs incurred in replacing or repairing damages, either direct or indirect, due to products of our manufacture. The amount of damage is limited to the price of defective goods only.



MIDLAND WATER WELL CYLINDERS

All brass Deep Well #449 open top cylinders are made with 11 Gauge (.125 wall) seamless brass tubing; available with solid bronze BALL valves or SPOOL valves. Select 3 leathers or 4 leathers on your plunger valve. Plungers are tapped in bottom so they can screw onto the check valve for easy removal. The #449 caps are not interchangeable with #852 barrels. Longer strokes are available upon request. Please see our online catalog for product specifications and details at: www.midland-midco.com

#449 11 Gauge Prices

			#449				#449B				Repair Barrels			
Inside Diameter	Barrel Length	Stroke	P/N	3 Leather Spool Plunger	P/N	4 Leather Spool Plunger	P/N	3 Leather Ball Plunger	P/N	4 Leather Ball Plunger	P/N	BLC Barrels less Caps	P/N	BWC Barrels With Caps
1-3/8"	18	10	211	394.74	221	N/A	231	384.44	241	N/A	251	120.46	261	200.72
	24	17	212	425.66	222	N/A	232	415.38	242	N/A	252	151.70	262	232.00
	30	23	213	456.60	223	N/A	233	446.28	243	N/A	253	182.94	263	263.26
1-7/8"	18	8	214	433.04	224	480.16	234	437.46	244	486.08	254	148.72	264	255.82
	24	14	215	466.90	225	514.04	235	471.32	245	519.94	255	182.94	265	290.00
	30	20	216	500.78	226	547.92	236	505.20	246	553.82	256	217.12	266	324.22
	36	26	217	534.66	227	581.80	237	539.08	247	587.70	257	251.34	267	358.42
	42	32	218	568.54	228	615.68	238	572.96	248	621.58	258	285.56	268	392.62
2-1/4"	24	13	219	578.86	229	670.16	239	612.74	249	671.66	259	206.72	269	365.82
	30	19	2110	627.46	2210	718.78	2310	661.32	2410	720.24	2510	255.82	2610	414.92
	36	26	2111	676.08	2211	767.38	2311	709.96	2411	768.86	2511	304.88	2611	464.02
	42	31	2112	724.68	2212	815.98	2312	758.54	2412	817.46	2512	353.96	2612	513.08
2-3/4"	24	12	2113	861.66	2213	933.82	2313	895.52	2413	985.38	2513	276.62	2613	502.68
	30	18	2114	916.16	2214	988.32	2314	950.04	2414	1,039.86	2514	331.66	2614	557.70
	36	24	2115	970.66	2215	1,042.82	2315	1,004.54	2415	1,094.36	2515	386.66	2615	612.74
	42	30	2116	1,025.16	2216	1,097.32	2316	1,059.02	2416	1,148.86	2516	441.72	2616	667.76
	48	36	2117	1,079.66	2217	1,151.82	2317	1,113.52	2417	1,203.36	2517	496.72	2617	722.78
3-3/4"	36	20	2118	1,539.20	2218	1,642.28	2318	1,782.22	2418	1,879.44	2518	414.92	2618	684.20
	42	26	2119	1,624.60	2219	1,727.72	2319	1,867.64	2419	1,964.84	2519	501.20	2619	770.38
	48	32	2120	1,710.04	2220	1,813.14	2320	1,953.06	2420	2,050.28	2520	587.44	2620	856.62
	54	38	2121	1,795.48	2221	1,898.56	2321	2,038.50	2421	2,135.72	2521	673.72	2621	942.88
	60	44	2122	1,880.88	2222	2,182.40	2322	2,123.94	2422	2,221.12	2522	759.96	2622	1,029.16

SEE ONLINE CATALOG FOR MORE DETAILS @ WWW.MIDLAND-MIDCO.COM

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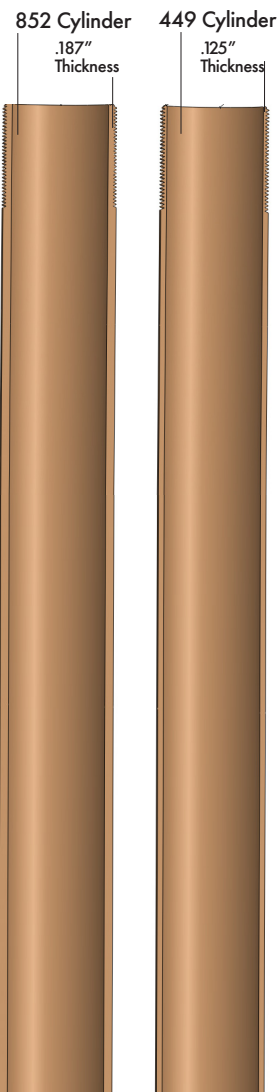




MIDLAND WATER WELL CYLINDERS

All brass Heavy Barrel #852 (Deep Well) open top cylinders are made with 10 Gauge (.187 wall) seamless brass tubing; available with solid bronze BALL valves or SPOOL valves. Select 3 leathers or 4 leathers on your plunger valve. Plungers are tapped in bottom so they can screw onto the check valve for easy removal. The #852 caps are not interchangeable with #449 barrels. Longer strokes are available upon request. Please see our online catalog for product specifications and details at: www.midland-midco.com

Heavy Barrel #852 Prices



			#852				#852B				Repair Barrels			
Inside Diameter	Barrel Length	Stroke	P/N	3 Leather Spool Plunger	P/N	4 Leather Spool Plunger	P/N	3 Leather Ball Plunger	P/N	4 Leather Ball Plunger	P/N	BLC Barrels less Caps	P/N	BWC Barrels With Caps
1 7/8"	24	14	8012	531.72	8022	581.80	8032	525.82	8042	556.76	8052	220.64	8062	333.16
	30	20	8013	580.32	8023	630.40	8033	574.44	8043	605.36	8053	270.14	8063	382.70
	36	26	8014	628.94	8024	679.02	8034	623.04	8044	653.98	8054	319.66	8064	432.22
	42	32	8015	677.54	8025	727.62	8035	671.66	8045	702.58	8055	369.18	8065	481.76
	48	38	8016	726.16	8026	776.24	8036	720.24	8046	751.18	8056	418.72	8066	531.26
2 1/4"	24	13	8018	699.62	8028	729.08	8038	690.78	8048	737.94	8058	250.64	8068	426.22
	30	19	8019	754.12	8029	783.58	8039	745.28	8049	792.44	8059	306.14	8069	481.76
	36	26	80110	808.62	80210	838.08	80310	799.78	80410	846.92	80510	361.68	80610	537.26
	42	31	80111	863.12	80211	892.58	80311	854.28	80411	901.44	80511	417.20	80611	592.80
	48	37	80112	917.62	80212	947.08	80312	908.78	80412	955.90	80512	472.76	80612	648.32
2 3/4"	24	12	80113	935.28	80213	1,003.06	80313	970.66	80413	1,028.10	80513	310.68	80613	591.30
	30	18	80114	997.16	80214	1,064.90	80314	1,032.52	80414	1,089.94	80514	373.68	80614	654.32
	36	24	80115	1,059.02	80215	1,126.78	80315	1,094.36	80415	1,151.82	80515	436.72	80615	717.34
	42	30	80116	1,120.88	80216	1,188.64	80316	1,156.24	80416	1,213.68	80516	499.76	80616	780.38
	48	36	80117	1,182.74	80217	1,250.48	80317	1,218.10	80417	1,275.54	80517	562.80	80617	843.42
3 3/4"	30	18	80118	1,658.48	80218	1,742.44	80318	1,872.06	80418	1,947.18	80518	472.94	80618	768.90
	36	20	80119	1,743.92	80219	1,827.88	80319	1,957.48	80419	2,032.60	80519	559.18	80619	855.16
	42	26	80120	1,829.38	80220	1,913.32	80320	2,042.92	80420	2,118.04	80520	645.44	80620	941.42
	48	32	80121	2,106.26	80221	1,998.72	80321	2,128.36	80421	2,203.48	80521	731.72	80621	1,027.68

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MIDLAND WATER WELL CYLINDERS

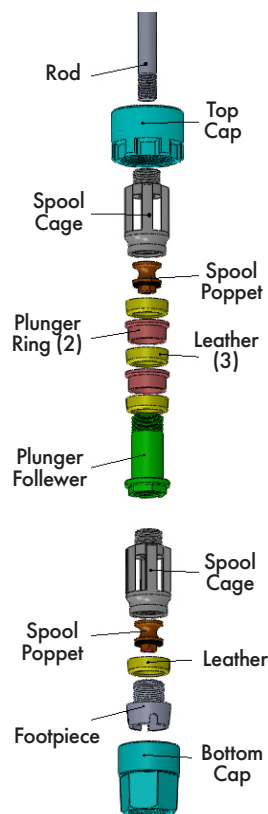
All Deep Well Repair Parts can be used for both #449 and #852 cylinders, except for the top caps and bottom caps which are not interchangeable. Please see our online catalog for product specifications and details at: www.midland-midco.com



Deep Well Repair Parts

For #449 & #852 Cylinders

Part Description	1-3/8"	List \$	1-7/8"	List \$	2-1/4"	List \$	2-3/4"	List \$	3-3/4"	List \$
11 Gauge Top Cap for #449	3122	42.86	3222	59.22	3322	91.92	3422	124.98	3522	209.18
11 Gauge Bottom Cap for #449	3123	48.12	3223	67.56	3323	102.70	3423	129.92	3523	225.84
Top Cap for #852	*	*	80724	59.22	80726	91.92	80728	124.98	80730	209.18
Bottom Cap for #852	*	*	80725	67.56	80727	102.70	80729	129.92	80731	236.98
Spool Plunger Valve complete										
3 Leather	3126	138.74	3226	173.56	3326	207.40	3426	296.56	3526	597.76
4 Leather	*	*	3227	218.14	3327	255.64	3427	357.26	3527	713.46
Ball Plunger Valve complete										
3 Leather	3128	135.74	3228	175.30	3328	222.56	3428	345.98	3528	775.24
4 Leather	*	*	3229	219.90	3329	271.48	3429	406.22	3529	888.54
Spool Check Valve complete	3130	105.84	3230	122.92	3330	160.62	3430	217.06	3530	444.52
Ball Check Valve complete	3131	99.16	3231	130.18	3331	173.82	3431	281.14	3531	636.18
Spool Plunger/Check Cage	3132	52.26	3232	57.34	3332	75.66	3432	106.02	3532	195.42
Ball Plunger/Check Cage	3133	47.52	3233	57.34	3333	75.72	3433	106.02	3533	195.42
Plunger Follower 3 leather	3134	37.80	3234	43.78	3334	51.92	3434	74.04	3534	171.86
Plunger Follower 4 leather	*	*	3235	69.86	3335	79.08	3435	103.48	3535	233.88
Plunger Ring	3136	11.56	3236	13.22	3336	16.14	3436	24.90	3536	41.88
Footpiece (check bottom)	3139	34.86	3239	37.80	3339	49.42	3439	62.76	3539	129.84
Spool Poppet Complete	3140	24.10	3240	28.98	3340	33.36	3440	44.59	3540	102.70
Spool Poppet Nut	3141	1.14	3241	1.38	3341	1.74	3441	2.10	3541	3.78
Spool Poppet Washer	3142	3.18	3242	3.96	3342	4.28	3442	4.74	3542	5.94
Bronze Balls	3143	11.98	3243	27.56	3343	42.86	3443	110.18	3543	303.64
Size Ball Inches	3/4"		1-1/16"		1-5/16"		1-3/4"		2 -1/2"	



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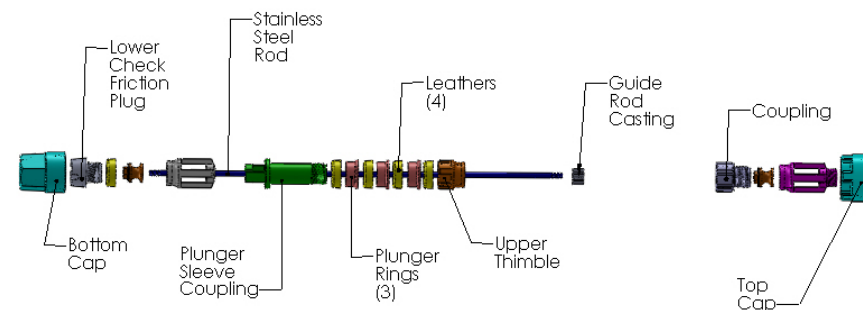


MIDLAND WATER WELL CYLINDERS

E-Z Pull Cylinders are designed to make the pulling of the lower check valve easy by attaching the lower spool with a stainless steel rod which is also attached to the plunger valve. When the plunger valve is withdrawn, it opens the lower check valve releasing the water which is then withdrawn with the plunger valve. The up and down movement or jarring motion of the rods (not a steady pull) enable the removal of the lower valve. The lower check valve can be cleaned by raising the spool off the seat slightly and letting the water inside the pipe flush back thru the lower valve. E-Z Pull Cylinders are available in 11 Gauge #449 and 10 Gauge #852. The plunger pipe is 6" shorter than the cylinder; the guide rod is the same length as the cylinder barrel. Please see our online catalog for product specifications and details at: www.midland-midco.com

E-Z Pull Cylinders

Inside Diameter	Barrel Length	Stroke	P/N	#449 11 Gauge Barrel	P/N	#852 10 Gauge Heavy Barrel	P/N	Complete #19 Plunger Assembly
1-7/8"	24	12	411	608.32	8072	692.28	421	387.94
	30	18	412	642.20	8073	740.86	422	408.74
	36	24	413	676.08	8074	789.48	423	431.02
	42	30	414	709.96	8075	838.08	424	451.82
	48	36	415	743.82	8076	886.70	425	474.14
2-1/4"	24	10	416	752.66	8077	869.02	426	502.36
	30	16	417	801.26	8078	923.52	427	536.56
	36	22	418	849.86	8079	978.02	428	570.74
	42	28	419	898.48	80710	1032.52	429	604.94
	48	34	4110	947.04	80711	1087.02	4210	639.10
2-3/4"	24	6	4111	1008.94	80712	1125.30	4211	575.22
	30	12	4112	1063.44	80713	1210.74	4212	615.34
	36	18	4113	1117.94	80714	1296.12	4213	655.48
	42	24	4114	1172.44	80715	1381.58	4214	695.58
	48	30	4115	1226.94	80716	1467.02	4215	735.72



	Length of Cylinder		24"		30"		36"		42"		48"	
*	#4 Plunger pipe - 1 7/8"		4131	46.38	4132	61.82	4133	77.30	4134	92.74	4135	108.22
*	#4 Plunger pipe - 2 1/4"		4231	55.66	4232	74.20	4233	92.74	4234	111.30	4235	129.86
*	#4 Plunger pipe - 2 3/4"		4331	64.92	4332	86.50	4333	108.22	4334	129.86	4335	151.50
**	#10 SS Guide Rod - all sizes same		4136	50.08	4137	62.63	4138	75.14	4139	87.68	4140	100.20

E-Z Pull Repair Parts

Description	P/N	1-7/8"	P/N	2-1/4"	P/N	2-3/4"
#1 Upper check cage	4116	53.74	4216	76.70	4316	103.88
#2 Upper check spool complete	4117	28.96	4217	31.82	4317	45.14
#3 Upper thimble	4118	36.08	4218	47.40	4318	62.48
#3A Upper check assembly	4119	108.46	4219	142.88	4319	193.18
#4 Plunger pipe - per foot						
#5 Plunger sleeve coupling	4121	24.62	4221	37.20	4321	43.98
#6 Plunger sleeve	4122	47.94	4222	80.20	4322	157.62
#7 Plunger rings	4123	11.34	4223	13.00	4323	15.86
#9 Plunger complete assembly	4124	126.94	4224	182.20	4324	225.58
#10 SS Guide rod - per foot						
#11 Guide rod casting	4126	10.54	4226	11.36	4326	12.30
#12 Lower check cage	4127	57.46	4227	58.88	4327	75.08
#13 Lower check friction plug	4128	35.14	4228	47.40	4328	62.98
#14 Lower check spool complete	4129	32.92	4229	37.88	4329	52.64
#15A Lower check assembly-L/Rod	4130	121.82	4230	142.66	4330	182.58

* See table above for details.

** See table above for details.

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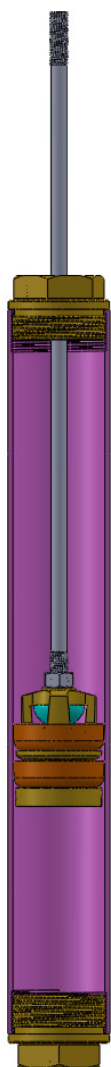




MIDLAND WATER WELL CYLINDERS

The **Shallow Well #442 and #444** are closed top cylinders designed for smaller diameter shallow depth wells made with 11 Gauge seamless brass tubing. The #442 plunger is all brass with a hemispherical poppet; the check poppet is fitted with a special facing for a secure seal. The #444 has a special facing on both the check and plunger poppet. A 2" clearance is provided for operation at each stroke specified. There are 6" I.D. cylinders available, upon request. Call for quote. Please see our online catalog for more product specifications and details at: www.midland-midco.com

Shallow Well #442 and #444



Cylinder I.D.	Length & Std Pipe Connections	Stroke	#442		#444													
			P/N	List \$	P/N	List \$												
2"																		
	x 14" x 1-1/4"	6	612	307.84	622	328.46												
	x 16" x 1-1/4"	8	613	319.36	623	337.28												
	x 18" x 1-1/4"	10	614	330.88	624	346.14												
	x 20" x 1-1/4"	12	615	342.40	625	354.98												
2-1/4"																		
	x 14" x 1-1/4"	6	617	343.94	627	368.24												
	x 16" x 1-1/4"	8	618	353.50	628	377.82												
	x 18" x 1-1/4"	10	619	363.10	629	387.38												
	x 20" x 1-1/4"	12	6110	372.66	6210	396.94												
							Pipe Cap Size	Stroke	P/N	#442	P/N	#444						
							Option											
2-1/2"																		
	x 14" x 1-1/4"	6	6112	376.52	6212	405.04	x 14" x 1-1/2"	6	16112	376.52	16212	405.04						
	x 16" x 1-1/4"	8	6113	389.52	6213	415.64	x 16" x 1-1/2"	8	16113	389.52	16213	415.64						
	x 18" x 1-1/4"	10	6114	402.50	6214	426.14	x 18" x 1-1/2"	10	16114	402.50	16214	426.14						
	x 20" x 1-1/4"	12	6115	415.50	6215	436.66	x 20" x 1-1/2"	12	16115	415.50	16215	436.66						
							Pipe Cap Size	Stroke	P/N	#442	P/N	#444						
							Option											
3"																		
	x 14" x 1-1/2"	6	6122	491.24	6222	525.10	x 14" x 1-1/4"	6	16122	491.24	16222	525.10	x 14" x 2"	6	26122	491.24	26222	525.10
	x 16" x 1-1/2"	8	6123	503.74	6223	537.62	x 16" x 1-1/4"	8	16123	503.74	16223	537.62	x 16" x 2"	8	26123	503.74	26223	537.62
	x 18" x 1-1/2"	10	6124	516.28	6224	550.16	x 18" x 1-1/4"	10	16124	516.28	16224	550.16	x 18" x 2"	10	26124	516.28	26224	550.16
	x 20" x 1-1/2"	12	6125	536.82	6225	562.66	x 20" x 1-1/4"	12	16125	536.82	16225	562.66	x 20" x 2"	12	26125	536.82	26225	562.66
3-1/2"																		
	x 14" x 2"	7	6127	649.56	6227	699.62												
	x 16" x 2"	9	6128	662.82	6228	712.90												
	x 18" x 2"	11	6129	676.88	6229	726.16												
	x 20" x 2"	13	6130	689.32	6230	739.40												
4"																		
	x 14" x 2"	7	6132	810.10	6232	864.60												
	x 16" x 2"	9	6133	824.82	6233	879.32												
	x 18" x 2"	11	6134	839.56	6234	894.06												
	x 20" x 2"	13	6135	854.28	6235	908.78												

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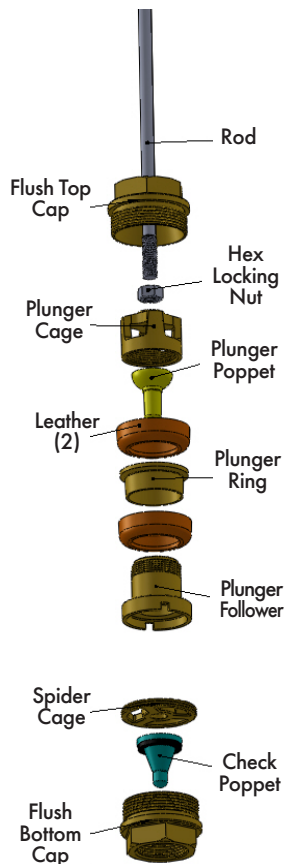




MIDLAND WATER WELL CYLINDERS

All Shallow Well Repair Parts can be used for both #442 and #444 cylinders. Select your choice of hemispherical (#442) or faced poppet (#444) for the plunger, which are interchangeable. Please see our online catalog for product specifications and details at: www.midland-midco.com

Shallow Well Repair Parts



Description	2"	List \$	2 1/4"	List \$	2 1/2"	List \$	3"	List \$	3 1/2"	List \$	4"	List \$
Flush barrel less caps 14"	819	102.68	829	108.26	839	122.66	859	141.58	869	173.68	879	207.46
16"	8110	111.76	8210	118.86	8310	134.02	8510	154.46	8610	187.32	8710	222.60
18"	8111	120.84	8211	129.48	8311	145.36	8511	167.34	8611	200.96	8711	237.74
20"	8112	129.92	8212	140.06	8312	156.72	8512	180.20	8612	214.58	8712	252.88
22"	8113	139.02	8213	150.66	8313	168.10	8513	193.08	8613	228.20	8713	268.04
24"	8114	148.10	8214	161.28	8314	179.46	8514	205.94	8614	241.82	8714	283.16
Flush Top Cap 1 1/4"	8115	42.54	8215	48.52	8315	58.60	8515	73.16	N/A	N/A	N/A	N/A
Flush Top Cap 1 1/2"	N/A	N/A	N/A	N/A	8316	58.60	8516	73.16	N/A	N/A	N/A	N/A
Flush Top Cap 2"	N/A	N/A	N/A	N/A	N/A	N/A	8540	73.16	8640	114.68	8740	119.28
Flush Bottom Cap 1 1/4"	8117	42.54	8217	48.52	8317	58.60	8517	73.16	N/A	N/A	N/A	N/A
Flush Bottom Cap 1 1/2"	N/A	N/A	N/A	N/A	8318	58.60	8518	73.16	N/A	N/A	N/A	N/A
Flush Bottom Cap 2"	N/A	N/A	N/A	N/A	N/A	N/A	8541	73.16	8641	114.68	8741	119.28
Plunger Cage	8119	27.52	8219	31.56	8319	33.02	8519	44.12	8619	67.02	8719	76.94
Plunger Follower	8120	31.14	8220	36.50	8320	38.06	8520	49.28	8620	60.38	8720	71.00
Plunger Poppet 442	8121	12.88	8221	14.30	8321	14.68	8521	18.48	8621	24.44	8721	25.08
Plunger Poppet 444	8135	29.66	8235	32.22	8335	33.90	8535	45.00	8635	64.28	8735	82.36
Plunger Rings	8122	11.80	8222	12.74	8322	14.18	8522	17.54	8622	30.60	8722	31.88
Rod length		16"		17"		18"		19"		20"		21"
7/16" Stainless Steel Plgr Rod	8123	22.88	8223	23.38	8323	23.84	8523	24.28	8623	27.48	8723	27.94
5/8" Stainless Steel Plgr Rod	8124	30.70	8224	31.30	8324	31.98	8524	32.60	8624	33.22	8724	33.82
Hex Locking Nut - 7/16"	8125	1.12	8125	1.10	8125	1.12	8125	1.12		*		*
Hex Locking Nut - 5/8"	8225	*	8225	*	8225	*	8225	*	8225	1.92	8225	1.92
Plunger Complete #442 Cyl	8126	91.34	8226	103.14	8326	109.82	8526	143.04	8626	196.84	8726	222.76
Plunger Complete #444 Cyl	18126	113.42	18226	128.34	18326	138.18	18526	177.66	18626	244.04	18726	279.44
Flat Spider Cage	8134	12.88	8234	14.34	8334	14.58	8534	17.04	8634	26.78	8734	27.62
Check Poppet #442/444	8135	29.66	8235	32.22	8335	33.90	8535	45.00	8635	64.28	8735	82.36
Facing for 442 Ck/444 Plgr Poppt	8137	4.10	8237	4.44	8337	4.74	8537	5.50	8637	6.82	8737	7.42

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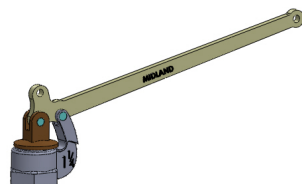


MIDLAND WATER WELL CYLINDERS

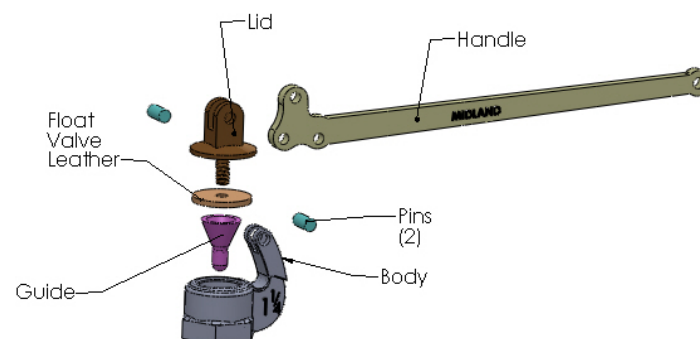
This **all brass Float Valve** has the body threaded accurately to match the size and seat on to which the lid closes. The lid is fitted with a tapering guide to ensure a perfect seating as the valve is closed and the handle of the valve is raised. Please see our online catalog for product specifications and details at: www.midland-midco.com

Midland Tank Flanges are solid brass with standard iron pipe threads and holes drilled for #6 tinner rivets, unless otherwise specified. The soldering to galvanized iron tanks and cisterns is made easy as the soldering face and edge of the flange is machined and requires no filing or smoothing. Please see our online catalog for product specifications and details at: www.midland-midco.com

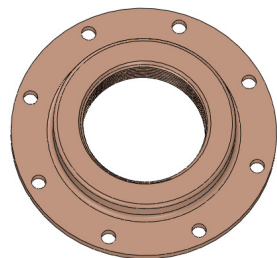
Midland Float Valve



	1/2"		3/4"		1"		1 1/4"		1 1/2"		2"		2 1/2"		3"		4"	
	P/N	List \$	P/N	List \$	P/N	List \$	P/N	List \$	P/N	List \$	P/N	List \$	P/N	List \$	P/N	List \$	P/N	List \$
Float Valve Complete	911	63.84	912	63.84	913	85.36	914	103.56	915	124.02	916	151.24	917	231.16	918	293.12	9110	405.78
Body	9111	26.78	9112	27.16	9113	30.36	9114	39.12	9115	43.52	9116	56.94	9117	77.20	9118	101.68	9120	193.42
Handle	9211	15.46	9212	15.46	9213	18.64	9214	27.24	9215	33.62	9216	45.40	9217	51.24	9218	67.76	9220	79.48
Lid	9311	10.56	9312	10.56	9313	16.52	9314	19.42	9315	23.04	9316	27.10	9317	47.42	9318	57.06	9320	78.70
Guide	9411	7.20	9412	7.20	9413	13.58	9414	16.24	9415	17.64	9416	26.54	9417	29.36	9418	37.06	9420	62.68
Float Valve Leather	9711	1.56	9712	1.56	9713	1.66	9714	1.84	9715	2.30	9716	3.98	9717	7.46	9718	10.22	9720	15.54
Lid/Guide/Leather comp.	9811	19.94	9812	19.94	9813	34.94	9814	40.34	9815	48.76	9816	62.72	9817	84.50	9818	106.72	9820	168.46
Screws for 1/2, 3/4, & 1"	9511	0.78																
Nuts for 1/2, 3/4, & 1"	9611	0.54																
Screws for 1 1/4 & 1 1/2"	9514	1.24																
Nuts for 1 1/4 & 1 1/2"	9614	0.70																
Screws for 2, 2 1/2, 3 & 4"	9516	2.08																
Nuts for 2, 2 1/2, 3 & 4"	9616	0.86																



Midland Tank Flanges



Size	P/N	List \$	Size	P/N	List \$	Size	P/N	List \$
1/8"	11117	14.48	1 1/4"	11217	17.92	4"	11317	61.54
1/4"	11118	14.48	1 1/2"	11218	19.96	4 1/2"	11318	*
3/8"	11119	14.48	2"	11219	23.60	5"	11319	*
1/2"	11120	15.22	2 1/2"	11220	50.28	6"	11320	*
3/4"	11121	17.28	3"	11221	51.32	*	*	*
1"	11122	17.70	3 1/2"	11222	53.96	*	*	*

* Price available upon request.

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MIDLAND WATER WELL CYLINDERS

Midland Regular Stuffing Boxes (heavy duty) are all brass with stainless steel rods and include square rope packing. Please see the Midland Catalog Online for specifications and ordering options at www.midland-midco.com and select 'Water Well Cylinders' and then the 'View Midland Catalog' on the left side of the page.

Midland S.L. Stuffing Boxes (heavy duty) are all brass with four V rings held in place with a steel spring. Please see the Midland Catalog Online for specifications and ordering options at www.midland-midco.com and select 'Water Well Cylinders' and then the 'View Midland Catalog' on the left side of the page.

Midland Inverted Brass Tube (IBT) Stuffing Boxes (heavy duty) are all brass with stainless steel rods and use cup leathers. Please see the Midland Catalog Online for specifications and ordering options at www.midland-midco.com and select 'Water Well Cylinders' and then the 'View Midland Catalog' on the left side of the page.

Midland Stuffing Boxes

Complete Regular Stuffing Boxes

Pipe Size	1-1/4"		1-1/2"		2"	
w/ 18" S.S. rod 7/16 thd.	1014	181.02	1024	194.48	1034	208.14
w/ 18" S.S. rod 5/8 thd.	2014	181.02	2024	194.48	2034	208.14

Repair Parts for Regular Stuffing Boxes

	1-1/4"		1-1/2"		2"	
Body	1013	61.28	1023	70.16	1033	75.84
Nut w/ oil bowl	1016	39.82				
Gland	1017	17.48				
S.S. rod 18" w/ 7/16" thd.	1019	44.20	All parts other than body interchangeable			
S.S. rod 18" w/ 5/8" thd.	2019	44.20				

S.L. Stuffing Boxes

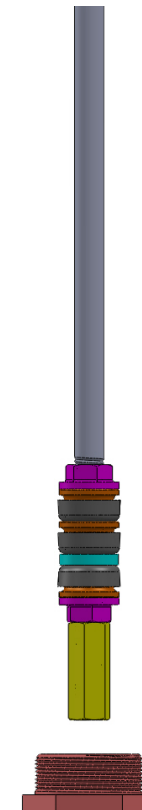
Pipe Size	1-1/4"		1-1/2"		2"	
S.S. rod 18" w/ 7/16 thd.	10110	194.40	10210	156.98	10310	213.56
S.S. rod 18" w/ 5/8 thd.	20110	194.40	20210	156.98	20310	213.56

S.L. Repair Parts

Body	10112	59.58	10212	61.56	10312	66.04
Nut	10113	48.76				
Gland 1 set top & bottom	10114	23.82				
Spring	10115	7.74	All parts other than body interchangeable			
V-ring - requires 4	10116	3.02				

IBT Stuffing Boxes

P/N	Complete Units	List \$
1111	#1 IBT	172.20
1121	#2 IBT	203.50
1112	#3 IBT	216.76
1113	#4 IBT 2"	274.10
1114	#4 IBT 2 1/2"	297.18
1122	#5 IBT 2 1/2"	423.40
1123	#5 IBT 3"	517.76
1115	Barrel for #1	91.90
1125	Barrel for #2	97.44
	Barrel for #3	105.12
1145	Barrel for #4	128.10
1155	Barrel for #5	150.14
1126	2" Bushing for #2	61.28
1126	2" Bushing for #3	61.28
1146	2" Bushing for #4	61.28
1147	2 1/2" Bushing for #4	98.04
1157	2 1/2" Bushing for #5	98.04
1158	3" Bushing for #5	156.26
11111	Nut for #1	13.02
11211	Nut for #2	13.90
11311	Nut for #3	13.90
11411	Nut for #4	13.90
11511	Nut for #5	20.26
11112	Plunger ring for #1	11.14
11212	Plunger ring for #2	11.86
11312	Plunger ring for #3	11.86
11412	Plunger ring for #4	13.68
11512	Plunger ring for #5	19.00



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MIDLAND WATER WELL CYLINDERS

Midland Heavy Service Boxes (extra heavy duty) are all brass with stainless steel rods and include square rope packing. Please see the Midland Catalog Online for specifications and ordering options at www.midland-midco.com and select 'Water Well Cylinders' and then the 'View Midland Catalog' on the left side of the page.

Midland Stuffing Boxes Continued

Modified IBT Stuffing Boxes		
#4 IBT less bushing thread 1 1/4" pipe both ends - complete	1143	218.94
#4 IBT barrel only threaded 1 1/4" pipe both ends	1144	124.68

Heavy Service Packing Boxes						
Pipe Size	2"		2-1/2"		3"	
S.S. rod 48" w/ 7/8" thrd	1044	493.88	1054	542.58	1064	552.70
H.S. Repair Parts						
Body	1043	146.90	1053	182.54	1063	187.82
Nut	1046	104.80	1056	132.20	1056	132.20
Gland	1047	53.22	1057	54.02	1057	54.02
S.S. rod 48" w/7/8" thd.	1049	172.06	Rods are universal for H.S.			

IBT Stuffing Boxes		
P/N		List \$
11115	Couplings for #1	6.32
11215	Couplings for #2	7.04
11315	Couplings for #3	7.04
11415	Couplings for #4	7.04
11515	Couplings for #5	11.26
11110	Flat Spacers for #1	6.60
11210	Flat Spacers for #2	6.60
11310	Flat Spacers for #3	6.60
11410	Flat Spacers for #4	7.52
11510	Flat Spacers for #5	7.80
11114	S.S. Plunger rod #1	15.64
11214	S.S. Plunger rod #2	18.72
11314	S.S. Plunger rod #3	21.86
11414	S.S. Plunger rod #4	21.86
11514	S.S. Plunger rod #5	31.20
1119	#1 Plunger Complete	105.76
1129	#2 Plunger Complete	107.48
1139	#3 Plunger Complete	110.76
1149	#4 Plunger Complete	120.76
1159	#5 Plunger Complete	172.52

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MIDLAND WATER WELL CYLINDERS

Midland Coupling Adaptors are made using '304' stainless steel and allows you to connect virtually all size components along the sucker rod quickly and easily.
www.midland-midco.com

Stainless Steel Coupling Adaptors

Custom Combinations Available

Standard

Diameter	Length	Description	Part #	List \$
5/8M	7/16F	5/8 NC M x 7/16 NC F	371308	28.98
5/8M	7/8M	5/8 NC M x 7/8 NC M	371314	28.98
7/8M	5/8F	7/8 NC M x 5/8 NC F	371325	28.98
5/8M NC	1/2F NPT	5/8 NC M x 1/2 NPT F	371332	28.98
7/8M NC	3/8F NPT	7/8 NC M x 3/8 NPT F	371330	28.98
7/8M NC	1/2F NPT	7/8 NC M x 1/2 NPT F	371327	28.98

Optional

3/8F	3/8F	3/8 NC F x 3/8 NC F	371343	30.04
3/8F	7/16F	3/8 NC F x 7/16 NC F	371342	30.04
3/8M	5/8F	3/8 NC M x 5/8 NC F	371338	30.04
3/8F	7/8M	3/8 NC F x 7/8 NC M	371339	30.04
7/16F	3/8M	7/16 NC F x 3/8 NC M	371331	30.04
7/16F	7/16F	7/16 NC F x 7/16 NC F	371305	30.04
7/16F	1/2F	7/16 NC F x 1/2 NC F	371310	30.04
7/16M	1/2F	7/16 NC M x 1/2 NC F	371311	30.04
7/16F	5/8F	7/16 NC F x 5/8 NC F	371307	30.04
7/16M	5/8F	7/16 NC M x 5/8 NC F	371306	30.04
7/16M	7/8F	7/16 NC M x 7/8 NC F	371309	30.04
1/2M	7/16F	1/2 NC M x 7/16 NC F	371312	30.04
1/2F	7/8M	1/2 NC F x 7/8 NC M	371337	30.04
5/8M	3/8F	5/8 NC M x 3/8 NC F	371324	30.04
5/8M	1/2F	5/8 NC M x 1/2 NC F	371316	30.04
5/8F	1/2F	5/8 NC F x 1/2 NC F	371318	30.04
3/8M	1/2F	3/8 NPT M x 1/2 NPT F	371356	30.04

Optional

Diameter	Length	Description	Part #	List \$
5/8M	5/8F	5/8 NC M x 5/8 NC F	371336	30.04
5/8M	5/8M	5/8 NC M x 5/8 NC M	371323	30.04
5/8F	5/8F	5/8 NC F x 5/8 NC F	371335	30.04
5/8M	3/4F	5/8 NC M x 3/4 NC F	371320	30.04
5/8M	7/8F	5/8 NC M x 7/8 NC F	371315	30.04
3/4M	5/8F	3/4 NC M x 5/8 NC F	371319	30.04
3/4F	5/8F	3/4 NC F x 5/8 NC F	371348	30.04
7/8M	7/16F	7/8 NC M x 7/16 NC F	371313	30.04
7/8F	5/8F	7/8 NC F x 5/8 NC F	371317	30.04
7/8M	7/8M	7/8 NC M x 7/8 NC M	371326	30.04
7/8M	7/8F	7/8 NC M x 7/8 NC F	371334	30.04
7/8F	7/8F	7/8 NC F x 7/8 NC F	371321	30.04
1M	5/8F	1 NC M x 5/8 NC F	371340	30.04
1M	7/8F	1 NC M x 7/8 NC F	371341	30.04
3/8F NC	1/2F NPT	3/8 NC F x 1/2 NPT F	371328	30.04
7/16M NC	1/2F NPT	7/16 NC M x 1/2 NPT F	371349	30.04
7/16F NC	1/2F NPT	7/16 NC F x 1/2 NPT F	371352	30.04
5/8M NC	3/8F NPT	5/8 NC M x 3/8 NPT F	371329	30.04
5/8F NC	3/8M NPT	5/8 NC F x 3/8 NPT M	371344	30.04
5/8M NC	1/2M NPT	5/8 NC M x 1/2 NPT M	371347	30.04
5/8F NC	1/2M NPT	5/8 NC F x 1/2 NPT M	371333	30.04
7/8F NC	3/8M NPT	7/8 NC F x 3/8 NPT M	371345	30.04
7/8F NC	1/2M NPT	7/8 NC F x 1/2 NPT M	371346	30.04
1M NC	1/2F NPT	1 NC M x 1/2 NPT F	371350	30.04
5/8F NC	3/8F NC	5/8 NC F x 3/8 NC F	371322	30.04
5/8F NC	1/2F NPT	5/8 NC F x 1/2 NPT F	371353	30.04
5/8F NC	3/4F NPT	5/8 NC F x 3/4 NPT F	371354	30.04
3/8F NC	7/16M NC	3/8 NC F x 7/16 N CM	371355	30.04

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