



# JABO SUPPLY

## WATER WORKS CATALOG



Supplying Waterworks Products & Services Since 1964

800-334-5226 • [www.jabosupply.com](http://www.jabosupply.com)

## HISTORY OF JABO SUPPLY

SERVICE IS MORE THAN A PROMISE

Jabo Supply is a full line Water & Waste Water distributor with over 100,000 square feet warehouse and an 11 acre pipe yard located in Huntington WV. We have 5 locations throughout WV, KY, and VA. We work with a majority of the finest manufacturers in the industry. We feel these manufacturers share our mission that “service is more than a promise.”



Jabo Supply was founded by Jack and Bob Bazemore. Since the doors opened in 1964 they were committed to living up to the company mission statement. They felt that anyone could say they could provide the best service but Jabo wanted to show their customers they meant what they said. Jabo thinks of their customers as friends doing business with friends thus the mission statement of “service is more than a promise.” By delivering stellar customer service and high quality products, we have been able to maintain and grow our product line and a significant customer base. This is the foundation of our success. We thank you in advance for your business and our continued relationship into the future.

**JABO SUPPLY**  
PHYSICAL LOCATIONS

**HUNTINGTON WV**

*5164 Braley Street, 25705  
(304) 736-8333*



**BRANCH LOCATIONS**

**PARKERSBURG WV**

*10085 Emerson Ave, 26102  
(304) 464-4400*

**NORTON VA**

*205 Hawthorne Drive, 24273  
(276) 679-1224*

**MORGANFIELD KY**

*118 Jim Veatch Road, 42437  
(270) 389-3430*

**BEAVER WV (BECKLEY)**

*227 C&O Shop Road, 25813  
(304) 252-0000*

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# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## WATERWORKS & SEWER PIPE

**WATERWORKS & SEWER PIPE**

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*Ducticle Iron Spools	

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*HDPE WATER TUBING*


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*COPPER TUBING*

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**WATER WORKS & SEWER PIPE**

DI PIPE		C900			IPS GASKET PRESSURE PIPE				PVC SOLVENT WELD				
TYPE	DI	TYPE	C900		IPS GASKET PRESSURE PIPE				TYPE	IPS SOLVENT WELD			
CLASS	350	DR/SDR	18	14	26	21	17	13.3	CLASS	40		80	
PSI	350	PSI	235	350	160	200	250	315		SEE BELOW			SEE BELOW
SIZE	JABO#	SIZE	JABO #	JABO #	JABO#	JABO#	JABO#	JABO#	SIZE	JABO#	MAX WP	JABO#	MAX WP
1-1/2"	NA	1-1/2"	NA	NA	*	086-20015	*	*	1/8"	*	810	*	1230
2"	NA	2"			*	086-20021	086-20022	086-20023	1/4"	*	780	*	1130
3"	*	3"			*	086-20030	086-20035	*	3/8"	*	620	*	920
4"	081-00040	4"	086-30005	086-30000	086-20040	*	086-20042	*	1/2"	016-12640	600	016-15780	850
6"	081-00060	6"	086-30015	086-30010	086-20059	*	086-20061	*	3/4"	016-12700	480	016-15840	690
8"	081-00080	8"	086-30025	086-30020	086-20080	*	086-20082	*	1"	016-12760	450	016-15900	630
10"	081-00100	10"	086-30035	086-30030	086-20100	*	*	*	1-1/4"	016-12820	370	016-15960	520
12"	081-00120	12"	086-30045	086-30040	086-20120	*	*	*	1-1/2"	016-12880	330	016-16020	470
14"	081-00140	14"	*	*	*	*	*	*	2"	016-12940	280	016-16080	400
16"	081-00200	16"	086-30050	086-30060	*	*	*	*	2-1/2"	016-13000	260	016-16100	420
18"	081-00160	18"	*	*	*	*	*	*	3"	016-13060	240	016-16120	370
20"	081-00220	20"	*	*	*	*	*	*	4"	016-13180	220	016-16140	320
24"	081-00300	24"	*	*	*	*	*	*	6"	016-13200	180	016-16160	280
<b>AQUA MINE</b>									8"	016-13210	160	016-16180	250
SDR	SDR 12.4	SDR 17	SDR 21	SDR 26					10"	016-13240	140	016-16220	230
PSI	350	250	200	160					12"	016-13280	130	*	230
SIZE	JABO#	JABO#	JABO#	JABO#					OTHER SIZES AVAILABLE UPON REQUEST				
2"	NA	014-10000	NA	NA					NA=NOT AVAILABLE				
3"	NA	014-10010	014-10020	NA					*NON SOCK CALL JABO SUPPLY				
4"	014-10030	014-10040	014-10050	014-10060									
6"	014-10090	014-10100	014-10130	014-10120									
8"	014-10160	014-10170	014-10190	014-10200									
10"	*	*	*	014-10210									

**WATER WORKS & SEWER PIPE**

**SEWER & DRAIN PIPE**

CORRUGATED PIPE										SEWER PIPE SDR 35		
GALVANIZED CORRUGATED			HDPE CORRUGATED									
GA	16	12	SIZE	DUAL WALL		SINGLE WALL			TYPE	SOLID	PERFORATED	
SIZE	JABO #	JABO#		N12	HP STORM	SIZE	SOLID	LENGTH		PERFORATED	GASKET	SW
						JABO #		JABO #	SIZE	JABO#	JABO#	
6"	114-00060	*	6"	*	*				4"	086-00041	086-00195	
8"	114-00080	*	8"	115-00090	*	4"	115-00040	100'	6"	086-00060	086-00200	
10"	114-00100	*	10"	115-00110	*	4"	*	250'	8"	086-00081	*	
12"	114-02120	*	12"	115-00130	*	6"	115-00060	100'	10"	086-00100	*	
15"	114-02150	*	15"	115-00150	*	6"	*	250'	12"	086-00121	*	
18"	114-02180	*	18"	115-00180	*	8"	*	100'	15"	086-00150	*	
24"	114-02240	*	24"	115-00240	*				18"	086-00160	*	
30"	114-02300	*	30"	115-00300	*				24"	086-00170	*	
36"	114-02360	*	36"	115-00360	*							
48"	114-02480	114-02610	48"	115-00480	*							
60"	114-02600	114-02620	60"	115-00600	*							
AVAIL UP TO 144"			* NON STOCK CALL JABO SUPPLY									



**WATER WORKS & SEWER PIPE**

**HDPE PRESSURE PIPE**

AWWA APPROVED

IPS										DIPS		
STICK PIPE					COIL PIPE					STICK PIPE		
SDR PSI RATING		SDR 9	SDR 11	SDR 17	SDR PSI RATING		9	11	17	SDR PSI RATING		11
SIZE	LENGTH	JABO #	JABO#	JABO #	SIZE	LENGTH	JABO #	JABO#	JABO #	SIZE	LENGTH	JABO #
1"	40'	*	*	*	1"	500'	*	029-10000		4"	40'	029-32040
2"	40'	029-29925	029-10320	*	1"	100'	*	*	*	6"	40'	029-32060
3"	40'	029-30000	029-20000	*	1-1/2"	500'	*	029-10100	*	8"	40'	029-32080
4"	40'	029-30010	029-20010	029-31740	1-1/2"	100'	*	*	*	10"	40'	*
6"	40'	029-30020	029-20100	029-31760	2"	500'	029-29920	029-10030	*	12"	40'	029-32100
8"	40'	029-30040	029-20200	029-31780	2"	100'	*	*	*	50" LENGTHS AVAIL UPON REQUEST		
10"	40'	029-30060	029-20300	029-31800	3"	500'	*	029-10350	*	* NON STOCK CALL JABO SUPPLY		
12"	40'	029-30080	029-20320	029-31820	3"	100'	*	*	*	ALL SDR'S AVAILABLE UPON REQUEST (SDR 7-16)		
14"	40'	029-30100	029-20340	029-31840	4"	500'	029-30015	*	*			
16"	40'	029-30120	029-20360	029-31860	4"	100"	*	*	*			
18"	40'	*	029-20380	029-31880	* NON STOCK CALL JABO SUPPLY							
20"	40'	*	029-20400	029-31900	CALL JABO SUPPLY FOR ALL YOUR WATER WORKS AND SEWER NEEDS							
22"	40'	*	029-20420	*								
24"	40'	*	029-20440	029-31920								
50" LENGTHS AVAIL UPON REQUEST												
* NON STOCK CALL JABO SUPPLY												



**WATER WORKS & SEWER PIPE**

**WATER TUBING**

HDPE TUBING / COPPER TUBING

HDPE WATER TUBING				COPPER TUBING		
TYPE		CTS	IPS	TYPE		COPPER
DR OR RATING		DR9	**IDR 9/7	DR OR RATING		K-SOFT
SIZE	LENGTH	JABO#	JABO#	SIZE	LENGTH	JABO#
1/2"	300'	NA	019-06900	1/2"	300'	NA
1/2"	100'	NA	019-06800	1/2"	100'	NA
1/2"	60"	NA	NA	1/2"	60"	022-86130
3/4"	500'	019-07140	019-07020	3/4"	500'	NA
3/4"	300'	019-07145	019-07010	3/4"	300'	NA
3/4"	100'	019-07150	019-07000	3/4"	100'	022-86300
3/4"	60'	NA	NA	3/4"	60'	022-86290
1"	500'	019-07160	019-07060	1"	500'	NA
1"	300'	019-07161	019-07050	1"	300'	NA
1"	100'	019-07162	019-07040	1"	100'	022-86375
1"	60'	NA	NA	1"	60'	022-86370
1-1/4"	500'	019-07164	*	1-1/4"	500'	NA
1-1/4"	300'	019-07165	019-07080	1-1/4"	300'	NA
1-1/4"	100'	019-07166	019-07070	1-1/4"	100'	NA
1-1/2"	500'	019-07172	*	1-1/2"	500'	NA
1-1/2"	300'	019-07173	019-07090	1-1/2"	300'	NA
1-1/2"	100'	*	019-07085	1-1/2"	100'	NA
2"	500'	019-07190	*	2"	500'	NA
2"	300'	019-07189	*	2"	300'	NA
2"	100'	019-07188	019-07095	2"	100'	*
2"	60'	NA	NA	2"	60'	022-86380
CALL JABO SUPPLY FOR ALL YOUR WATER WORKS AND SEWER NEEDS				K-SOFT (COIL) SOLD IN 20, 40, 50, 60, 75, 100 FT COILS		





## OD PIPE CHART

### OD PIPE CHART

JABO SUPPLY DOES NOT WARRANTY  
FOR RECOMMENDATION ONLY

## OD PIPE CHART

STEEL PIPE & STEEL SIZE PVC					COPPER TUBING		DI, C900. CAST IRON		ASBESTOS PIPE					
NOM. SIZE	STD		NOM. SIZE	STD	NOM. SIZE	PIPE O.D. (")	NOM. SIZE	PIPE O.D. (")	SIZE (")	CLASS	AC TRANITE		AC SIMPLEX	
	(SCH 40)			(SCH 40)							ME	RB MIN-MAX	ME	RB MIN-MAX
1/2"	0.84		4"	4.50	3/8"	0.56	6"	6.90	4	100	4.64	4.79-5.14	4.70	4.95
3/4"	1.05		4-1/2"	5.00	1/2"	0.63	8"	9.05		150	4.81	4.97-5.27	4.85	5.10
1"	1.32		5"	5.56	5/8"	0.75	10"	11.10		200	4.81	5.22-5.77	5.20	5.45
1-1/4"	1.66		6"	6.63	3/4"	0.88	12"	13.20	6	100	6.91	7.05-7.40	6.76	7.01
1-1/2"	1.90		8"	8.63	1"	1.13	14"	15.30		150	6.91	7.07-7.37	6.95	7.20
2"	2.38		9"	9.63	1-1/4"	1.38				200	6.91	7.26-7.56	7.50	7.75
2-1/2"	2.88		10"	10.75	1-1/2"	1.63			8	100	9.11	9.22-9.57	8.80	9.13
3"	3.50		12"	12.75	2"	2.13				150	9.11	9.27-9.57	9.15	9.40
3-1/2"	4.00		14"	14.00	2-1/2"	2.63				200	9.11	9.39-9.74	9.76	10.01
<b>STD (SCH 40) STEEL PIPE 14" ABOVE THE NOMINAL SIZE IS THE O.D) (16=16.00 OD ,,ETC</b>					3"	3.13			10	100	11.24	11.42--11.77	11.18	11.43
					4"	4.13				150	11.66	11.82-12.12	11.70	11.95
					5"	5.13				200	11.66	11.77-12.12	12.20	12.45
					6"	6.13			12	100	13.44	13.69-14.04	13.36	13.61
										150	13.92	14.08-14.38	13.96	14.21
										200	13.92	14.03-14.38	14.46	14.72
									14	100	15.07	15.40-15.80	15.56	15.94
										150	16.22	16.38-16.73	16.26	16.64
										200	16.22	16.48-16.88	16.88	17.26

PIT CAST				
NOM.	PIT CAST PIPE ONLY			
SIZE	CLASS A	CLASS B	CLASS C	CLASS C
3"	3.8	3.96	3.96	3.96
4"	4.8	5.00	5.00	5.00
6"	6.9	7.1	7.1	7.1
8"	9.05	9.05	9.3	9.3
10"	11.1	11.1	11.4	11.4
12"	13.2	13.2	13.5	13.5
14"	15.3	15.3	15.65	15.65
16"	17.4	17.4	17.8	17.8



# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## PIPE FITTINGS

**PIPE FITTINGS**

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PIPE FITTINGS

DUCTILE IRON FITTINGS

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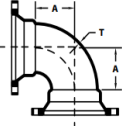
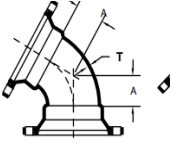
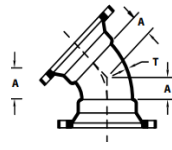
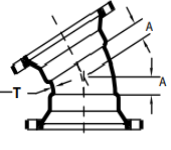
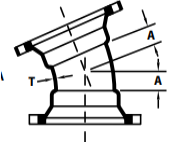
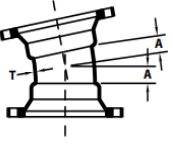
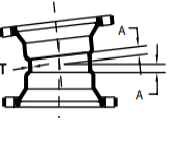
# DUCTILE IRON FITTINGS

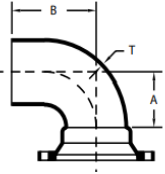
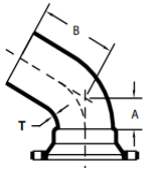
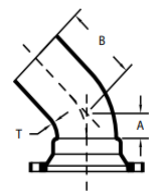
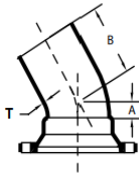
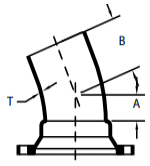
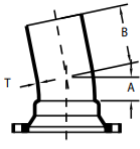
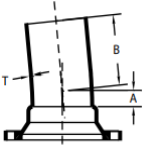
*Mechanical Joint (MJ) 153*

## PIPE FITTINGS

### DUCTILE IRON FITTINGS (MJ 153)

Picture Index

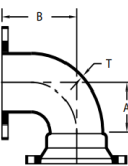
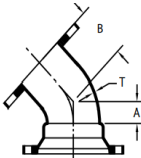
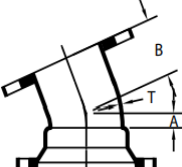
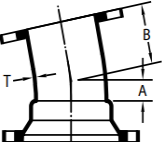
ELBOWS						
90	60	45	30	22-1/2	11-1/4	5
MJ X MJ	MJ X MJ	MJ X MJ	MJ X MJ	MJ X MJ	MJ X MJ	MJ X MJ
						
STOCK	NON STOCK	STOCK	NON STOCK	STOCK	STOCK	NON STOCK

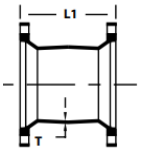
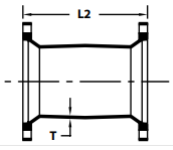
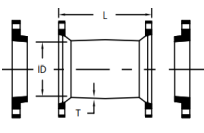
90	60	45	30	22-1/2	11-1/4	5
MJ X PE	MJ X PE	MJ X PE	MJ X PE	MJ X PE	MJ X PE	MJ X PE
						
STOCK	NON STOCK	STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

## PIPE FITTINGS

### DUCTILE IRON FITTINGS (MJ 153)

Picture Index

ELBOWS						
90	60	45	30	22-1/2	11-1/4	5
MJ X FLANGED END	MJ X FLANGED END	MJ X FLANGED END	MJ X FLANGED END	MJ X FLANGED END	MJ X FLANGED END	MJ X FLANGED END
	NOT AVAILABLE		NOT AVAILABLE			NOT AVAILABLE
NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

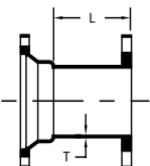
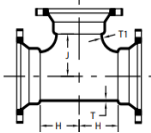
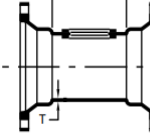
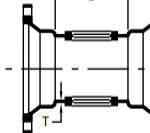
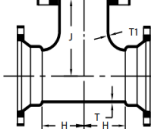
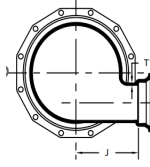
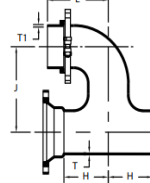
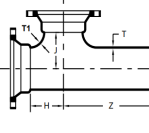
SOLID SLEEVES		
SHORT	LONG	DUAL PURPOSE SLEEVE WITH OVERSIZED GLAND
		
STOCK	STOCK	NON STOCK

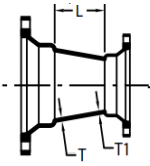
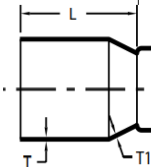
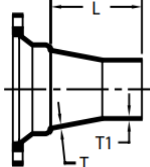
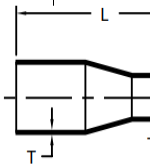
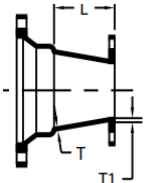

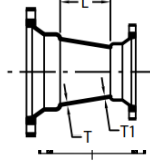
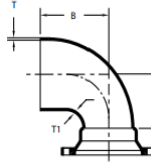
PLUGS		CAPS	
SOLID	W/2" TAP	SOLID	W/2" TAP
			
STOCK	STOCK	STOCK	STOCK

**PIPE FITTINGS**

**DUCTILE IRON FITTINGS (MJ 153)**

Picture Index

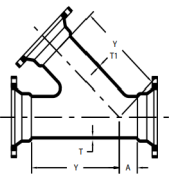
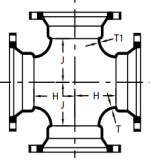
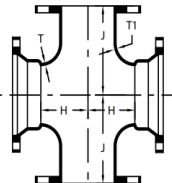
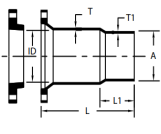
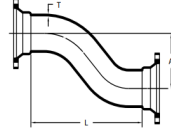
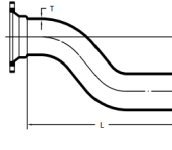
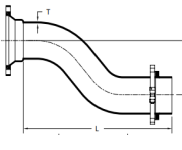
MJ X FLANGE ADAPTER	TEES						
MJ X FLANGE ADAPTER	MJ X MJ	MJ X MJ 1 EA 2" TAP	MJ X MJ 2 EA 2" TAP	MJ X FE	MJ X MJ TANGENTIAL	MJ X SWIVEL PARALLELL TEE W/ S.GLAND	MJ X PE X MJ
							
NON STOCK	STOCK	STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

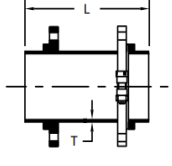
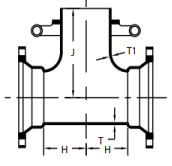
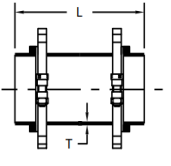
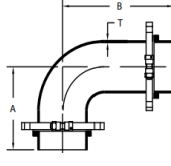
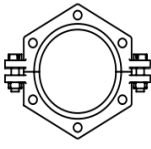
REDUCERS							
CONCENTRIC MJ X MJ	SMALL END BELL	LARGE END BELL	PLAIN END	MJ X FLANGE	ECCENTRIC MJ X MJ	MJ X MJ RED 90	PE X MJ RED 90
							
STOCK	STOCK	STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

## PIPE FITTINGS

### DUCTILE IRON FITTINGS (MJ 153)

#### Picture Index

LATERAL	CROSS		CUT IN SLEEVE	MJ OFF SETS		
45 MJ X MJ	MJ X MJ	MJ X FLANGED	MJ x PE CUTTING IN SLEEVE W/ OVER SIZE	MJ X MJ	MJ X PE	MJ X SWIVEL W/GLAND
						
STOCK	STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

HYDRANT ADAPTERS				
SWIVEL X SOLID HYDRANT WITH SWIVEL GLAND	MJ X SWIVEL HYDRANT TEE W/SWIVEL GLAND	SWIVEL x SWIVEL HYDRANT ADAPTERS W/ 2	SWIVEL x SWIVEL HYDRANT ELL W/ 2 SWIVEL GLANDS	SWIVEL GLANDS
				
STOCK	STOCK	NON STOCK	NOT STOCK	SEE ACCESSORIES

**PIPE FITTINGS**

**DUCTILE IRON FITTINGS**

*MJ FITTINGS 153*

SIZE	ELBOWS MJ X MJ				SOLID SLEEVE		PLUG		CAP	
	90	45	22-2/12	11-1/2	SHORT	LONG	SOLID	2" TAP	SOLID	2" TAP
	JABO #	JABO #	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
*2"	082-10000	082-10080	082-10160	082-10240	*	082-12225	*	NA	082-12335	NA
3"	082-10005	082-10085	082-10165	082-10245	082-12150	082-12230	082-11995	082-12075	082-12340	082-12420
4"	082-10010	082-10090	082-10170	082-10250	082-12155	082-12235	082-12000	082-12080	082-12345	082-12425
6"	082-10015	082-10095	082-10175	082-10255	082-12160	082-12240	082-12005	082-12085	082-12350	082-12430
8"	082-10020	082-10100	082-10180	082-10260	082-12165	082-12245	082-12010	082-12090	082-12355	082-12435
10"	082-10025	082-10105	082-10185	082-10265	082-12170	082-12250	082-12015	082-12095	082-12360	082-12440
12"	082-10030	082-10110	082-10190	082-10270	082-12175	082-12255	082-12020	082-12100	082-12365	082-12445
14"	082-10035	082-10115	082-10195	*	*	*	*	*	*	*
16"	082-10040	082-10120	082-10200	082-10280	*	*	*	*	*	*
18"	082-10045	082-10125	082-10205	*	*	*	*	*	*	*
20"	082-10050	082-10130	082-10210	*	*	*	*	*	*	*
24"	082-10055	082-10135	082-10215	*	*	*	*	*	*	*

**MJ X PLAIN END (PE)**

SIZE	ELBOWS MJ X PE			
	90	45	22-2/12	11-1/2
	JABO #	JABO #	JABO#	JABO#
*2"	NA	NA	NA	NA
3"	082-10395	*	*	*
4"	082-10400	082-10475	*	*
6"	082-10405	082-10480	*	*
8"	082-10410	082-10485	*	*
10"	082-10415	*	*	*
12"	082-10420	*	*	*
16"	*	*	*	*
18"	*	*	*	*
20"	*	*	*	*
24"	*	*	*	*

NA= NOT AVAILABLE  
 \*NON STOCK CALL JABO SUPPLY

**PIPE FITTINGS**

**DUCTILE IRON FITTINGS**

*MJ FITTINGS 153*

**MJ REDUCING FITTINGS**

	TEE	TEE W-TAP	LATERAL	CROSS	CONCENTRIC
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#
**2"X 2"	082-11055	*	*	*	*
**3"X 2"	082-11060	*	082-10845	*	082-12495
3" X 3"	082-11065	082-11955	082-10850	082-13515	*
4"X 2"	082-11070	*	082-10855	*	082-12500
4"X 3"	082-11075	*	082-10860	082-13520	082-12505
4"	082-11080	082-11960	*	082-13525	*
6" x 3"	082-11085	*	*	*	082-12515
6"X 4"	082-11090	*	082-10865	082-13530	082-12520
6"	082-11100	082-11965	082-10870	082-13535	*
8"X3"	*	*	*	*	082-12525
8"X 4"	082-11115	*	082-10875	082-13540	082-12530
8"X 6"	082-11120	*	082-10880	082-13545	082-12535
8"	082-11135	082-11970	082-10885	*	*
10"X4"	*	*	*	*	*
10" X 6"	082-11150	*	*	*	*
10"	082-11160	082-11975	*	*	*
12"X 6"	082-11175	*	*	*	*
12" X 8"	082-11180	*	*	*	*
12"	082-11190	082-11980	*	*	*

NA= NOT AVAILABLE

\*NON STOCK CALL JABO SUPPLY

**MJ HYDRANT FITTINGS**

	MJ X SWIVEL	SWIVEL X SOLID
	HYD TEE	HYDRANT ADAPTER
SIZE	JABO#	JABO#
4" X 13"	NA	082-13855
6"X 4"	*	NA
6"	082-11880	NA
6" X 13"	NA	082-13860
6" X 24"	NA	082-13890
6" X 36"	NA	082-13875
8"X 4"	*	NA
8"X 6"	082-11885	NA
8"	*	NA
8"X 13"	NA	082-13885
8"x 18"	NA	*
8" X 24"	NA	*
8"x 48"	NA	*
10"X 4"	NA	NA
10"X 6"	082-11895	NA
10"X 8"	*	NA
10" X 13"	NA	082-13905
12"X 4"	*	NA
12"X 6"	082-11905	NA
12"X 8"	*	NA



PIPE FITTINGS

DUCTILE IRON FITTINGS

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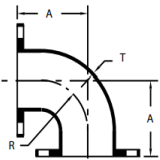
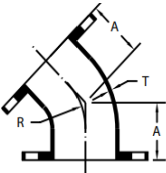
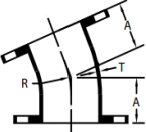

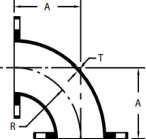
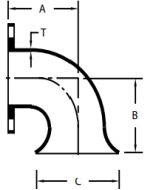
# DUCTILE IRON FITTINGS

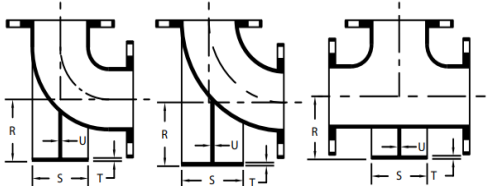
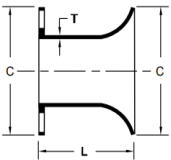
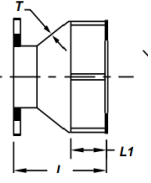
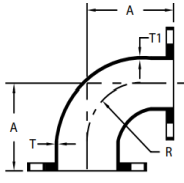
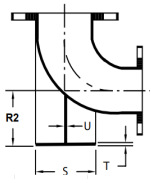
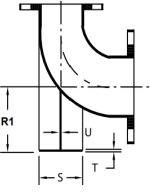
*FLANGED (110)*

## PIPE FITTINGS

### DUCTILE IRON FITTINGS FLANGED (110)

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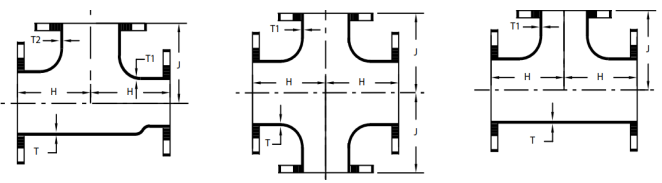
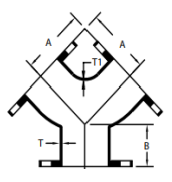
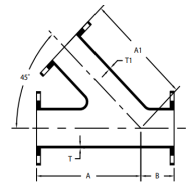
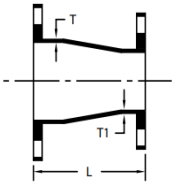
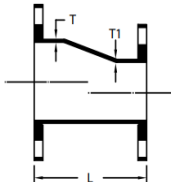
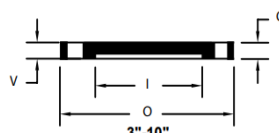
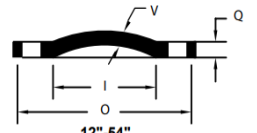
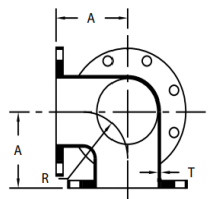
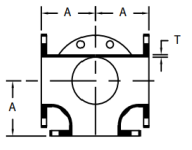
ELBOWS					
90	45	22-1/2	11-1/4	FLANGE X LONG RADIUS	FLANGE X FLARE
					
STOCK	STOCK	STOCK	STOCK	NON STOCK	NON STOCK

90° FLANGED LONG RADIUS BASE BENDS & BASE TEES	STRAIGHT FLANGE x FLARE PIECES	SLUDGE SHOE	90° FLANGED REDUCING BENDS	90° FLANGED REDUCING BASE	90° FLANGED REDUCING BASE
					
STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK Base Under Large End	NON STOCK Base Under Small End

## PIPE FITTINGS

### DUCTILE IRON FITTINGS FLANGED (110)

*Picture Index*

TEES & CROSSES			TRU WYE	WYE LATERAL	REDUCERS	
					CONNCENTRIC	ECCENTRIC
						
STOCK			NON	STOCK	STOCK	STOCK
BLIND FLANGES		90° FLANGED SIDE OUTLET BEND		FLANGED SIDE OUTLET TEE		
SOLID	TAPPERED					
						
STOCK		NON STOCK		NON STOCK		

**PIPE FITTINGS**

**DUCTILE IRON FITTINGS**  
*FLANGED FITTINGS (110)*

SIZE	ELBOWS				BLIND FLANGE	
	90	45	22-1/4	11-1/2	NO TAP	WITH 2" TAP
	JABO #	JABO #	JABO#	JABO#	JABO#	JABO#
*2"	082-14000	082-14042	082-14080	082-14116	NA	NA
3"	082-14002	082-14044	082-14082	082-14118	082-15538	082-15574
4"	082-14004	082-14046	082-14084	082-14120	082-15540	082-15576
6"	082-14008	082-14050	082-14086	082-14122	082-15542	082-15578
8"	082-14010	082-14052	082-14088	082-14124	082-15544	082-15580
10"	082-14012	082-14054	082-14090	082-14126	082-15546	082-15582
12"	082-14014	082-14056	082-14092	082-14128	082-15548	082-15584
14"	082-14016	082-14058	082-14094	082-14130	082-15550	*
16"	082-14018	082-14060	082-14096	082-14132	082-15552	*
18"	*	*	*	*	*	*
20"	*	*	*	*	*	*
24"	*	*	*	*	*	*
48"	*	*	*	*	082-15566	*

NA= NOT AVAILABLE

\*NON STOCK CALL JABO SUPPLY

SIZE (inches)	TEE		
	JABO#	SIZE (inches)	JABO#
2X2-1/2	NA	10x6	082-14688
2x2	082-14636	10x6x10	082-14690
3x2	082-14640	10x8x6	082-14692
3x3	082-14642	10x8	082-14694
4x2	082-14646	10x8x10	082-14696
4x3	082-14648	10x4	082-14698
4	082-14652	10x6 X6	082-14700
4x6	082-14650	10x8	082-14702
6x2	082-14656	10x10	082-14704
6x3	082-14658	10x12	082-14706
6x4	082-14660	12x6x6	082-14708
6x5	*	12x6x8	082-14710
6x4	082-14662	12x8x6	082-14712
6x4x6	082-14664	12x8x8	082-14714
6x8	082-14666	12x8x12	082-14716
6x6	082-14668	12x10x6	082-14718
8x3	082-14670	12x10x8	082-14720
8x4	082-14672	12x10x10	082-14722
8x5	NA	12x10x12	082-14724
8x6	082-14674	12x4	082-14726
8x6x4	082-14676	12x6	082-14728
8x6	082-14678	12x8	082-14730
8x6x8	082-14680	12x10	082-14732
8x10	082-14682	12x12	082-14734
8x12	082-14684	CALL JABO SUPPLY FOR ALL YOUR DI FITTINGS	
8x8	082-14686		

**PIPE FITTINGS**

**DUCTILE IRON FITTINGS**

**FLANGED FITTINGS (110)**

**FLANGED REDUCING FITTINGS**

<b>CONCENTRIC</b>	
<b>SIZE (inches)</b>	<b>JABO#</b>
2x1-1/2	082-15380
3x2	082-15394
4x2	082-15398
4x3	082-15402
6x2	082-15408
6x3	082-15410
6x4	082-15412
6x5	082-15414
8x4	082-15418
8x5	082-15420
8x6	082-15422
10x4	082-15424
10x6	082-15426
10x8	082-15428
12x4	082-15430
12x6	082-15432
12x8	082-15434
12x10	082-15436
14x6	082-15438
14x8	082-15440
14x10	082-15442
14x12	082-15444
16x6	082-15446
16x8	082-15448
16x10	082-15450
16x12	082-15452

<b>ECCENTRIC</b>	
<b>SIZE</b>	<b>JABO#</b>
2x2-1/2	*
**3x2	082-15470
4x2	*
4x3	082-15475
6x2	*
6 x 3	*
6x4	082-15490
6x5	*
8x4	*
8x5	*
8x6	*
10x4	*
10x6	*
10x8	*
12x4	*
12x6	*
12x8	*
12x10	*
14x6	*
14x8	*
14x10	*
14x12	*
16x6	*
16x8	*
16x10	*
16x12	*

<b>LATERAL</b>	
<b>SIZE</b>	<b>JABO#</b>
3x3	082-14456
4x2	082-14458
4x3	082-14460
4	082-14462
6x2	*
6x3	082-14464
6x4	082-14466
6x5	*
6	082-14468
8x4	082-14470
8X5	*
8x6	082-14472
8	082-14474
10x4	082-14476
10x6	082-14478
10x8	082-14480
10	082-14482
12x4	082-14484
12x6	082-14486
12x8	082-14488
12x10	082-14490
12	082-14492

**NA= NOT AVAILABLE**  
**\*NON STOCK CALL JABO**  
**SUPPLY**



## PIPE FITTINGS

### HDPE PRESSURE PIPE FITTINGS

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# HDPE PRESSURE















*PIPE FITTINGS*

"aka poly pipe"

**PIPE FITTINGS**

**HDPE PRESSURE PIPE FITTINGS**

*PICTURES*

FLANGE ADAPTER (STUB END)	BACK UP RING (FLANGES)	BOLT/STUD SIZE CHART	90 ELBOW	45 ELBOW
		<p><b>BOLTING SIZE CHART</b></p>		
STOCK	STOCK		STOCK	STOCK
TEE	LATERAL (WYE)	CAP	ELECTROFUSE COUPLING	REDUCING TEE
				
STOCK	STOCK	STOCK	STOCK	STOCK
SADDLE	REDUCERS	MJ ADAPTER	ACCESSORY KITS	(304) 736-8333
				
STOCK	STOCK	STOCK	STOCK	

## PIPE FITTINGS

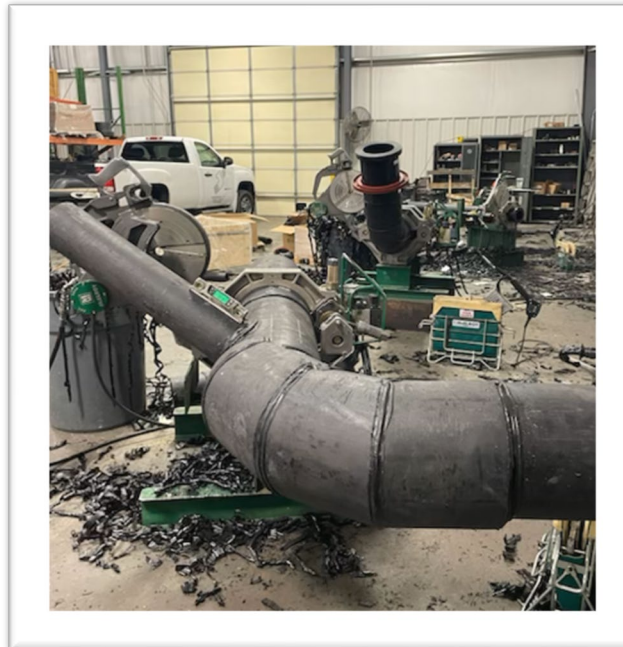
### HDPE PRESSURE PIPE FITTINGS

PICTURES

CS POLY TO VIC GROOVE	SS POLY TO VIC GROOVE	CS POLY TO MIPT	SS POLY TO MIPT	(304) 736-8333
				
STOCK	STOCK	STOCK	STOCK	

#### JABO FABRICATION CAPABILITIES

- \*CUTTING & GROOVING SERVICES UP TO 24"
- \*THREADING CAPABILITIES UP TO 6"
- \*10,000 SQ/FT HDPE FABRICATION SHOP
- \*TOM HDPE FABRICATION UP TO 24" (SPOOLS UP TO 24")
- \*ON SITE MEASURING
- \*AUTO CAD DRAWINGS AVAILABLE (2D & 3D)
- \*2"-36" HDPE FUSION MACHINE AVAILABLE



## PIPE FITTINGS

### HDPE PRESSURE PIPE FITTINGS STUB ENDS / BACK UP RINGS / BOLT SIZING CHART

TYPE	STUB ENDS				BACK UP RINGS			
SDR	7	9	11	17	7	9	11	17
SIZE	JABO #	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
2"	*	*	029-49920	*	053-00020	*	*	*
3"	*	*	029-49960	*	053-00030	*	*	*
4"	029-38040	029-38940	029-49980	029-60040	053-00040	*	*	*
5"	029-38060	029-38960	029-49985	*	053-00050	*	*	*
6"	029-38080	029-38980	029-50000	029-60060	053-00060	*	*	*
8"	029-38100	029-39010	029-50080	029-60080	053-00080	*	*	*
10"	029-38120	029-39012	029-50100	029-60100	053-00100	*	*	*
12"	*	*	029-50120	029-60120	053-00120	*	*	*
14"	*	*	029-50130	029-60140	*	*	053-00140	*
16"	*	*	029-50140	029-60160	*	*	053-00160	*
18"	*	*	029-50180	029-60180	*	*	053-00180	*
20"	*	*	029-50200	029-60200	*	*	053-00200	*
24"	*	*	029-50240	029-60240	*	*	053-00240	*
CALL JABO SUPPLY				Jabo Std -SDR 7 from 2-12" and SDR 11 from 14"-24"				

**JABO FABRICATION SHOP HAS  
THE CAPABILITIES TO FABRICATE  
MOST FITTINGS FROM 4"-24" OD**

### BOLT AND STUD SIZING CHART

BOLTS			BOLTS			STUDS					
POLY TO STEEL CONNECTIONS			POLY TO POLY SDR 11			POLY TO POLY SDR 11					
SIZE	QTY	SIZE BOLT	SIZE PIPE	QTY	SIZE BOLT	SIZE PIPE	QTY	SIZE BOLT	SIZE PIPE	QTY	SIZE BOLT
2"	4	5/8" X 3"	2"	4	5/8" X 3-1/2"	2"	4	5/8" X 4"	16"	16	1" X 12"
3"	4	5/8" X 3-1/2"	3"	4	5/8" X 4"	4"	8	5/8" X 6"	18"	16	1-1/8" X 12"
4"	8	5/8" X 3-1/2"	4"	8	5/8" X 4-1/2"	6"	8	3/4" X 6"	20"	20	1-1/8" X 12"
6"	8	3/4" X 4"	6"	8	3/4" X 5"	8"	8	3/4" X 6"	24"	20	1-1/4" X 14"
8"	8	3/4" X 4-1/2"	8"	8	3/4" X 5-1/2"	10"	12	7/8" X 8"	<b>CALL JABO SUPPLY FOR ALL YOUR HDPE NEEDS</b>		
10"	12	7/8" X 5"	10"	12	7/8" X 7"	12"	12	7/8" X 9"			
12"	12	7/8" X 6"	12"	12	7/8" X 8"	14"	12	1" X 12"			

## PIPE FITTINGS

### HDPE PRESSURE PIPE FITTINGS

ELBOWS , TEE, WYE, CAPS , ELECTROFUSION COUPLINGS FITTINGS

TYPE SDR SIZE	90 ELBOWS				45 ELBOWS				TEE			
	7 JABO#	9 JABO#	11 JABO#	17 JABO#	7 JABO#	9 JABO#	11 JABO#	17 JABO#	7 JABO#	9 JABO#	11 JABO#	17 JABO#
2"	*	*	029-77000	*	*	*	029-77770	*	*	*	029-78000	*
3"	*	*	029-77020	*	*	*	029-77780	*	*	*	029-78010	*
4"	*	029-77038	029-77030	*	*	*	029-77800	*	029-78022	029-78021	029-78020	*
6"	*	029-77043	029-77040	029-77041	*	029-77823	029-77820	029-77810	*	029-78031	029-78030	029-78029
8"	*	029-77048	029-77045	029-77046	*	029-77833	029-77830	029-77829	*	029-78039	029-78040	029-78041
10"	*	*	029-77060	*	*	*	*	*	029-78053	029-78052	029-78050	029-78049
12"	*	*	029-77070	*	*	*	*	*	029-78063	029-78062	029-78060	029-78059

MOLDED 2"-8" JABO FAB SHOP 4"-24"

MOLDED 2"-8" JABO FAB SHOP 4"-24"

MOLDED 2"12" JABO FAB SHOP 4"-24"

TYPE SDR SIZE	WYE				CAP				ELECTROFUSION COUPLINGS			
	7 JABO#	9 JABO#	11 JABO#	17 JABO#	7 JABO#	9 JABO#	11 JABO#	17 JABO#	7 JABO#	9 JABO#	11 JABO#	17 JABO#
2"	*	*	*	*	*	*	029-78500	*	*	*	029-84020	*
3"	*	*	029-78130	*	*	*	029-78510	*	*	*	029-84030	*
4"	*	*	029-78140	*	*	*	029-78520	*	*	*	029-84040	*
6"	8	*	029-78160	*	*	*	029-78530	*	*	*	029-84060	*
8"	*	029-78180	029-78182	*	*	*	029-78540	*	*	*	029-84080	*
10"	NA	NA	NA	NA	*	*	029-78560	*	*	*	029-84100	*
12"	NA	NA	NA	NA	*	*	029-78580	*	*	*	029-84120	*

MOLDED 2"-8" JABO FAB SHOP 4"-24"

MOLDED 2"-8" JABO FAB SHOP 4"-24"

MOLDED 2"12"

**JABO FABRICATION SHOP HAS THE CAPABILITIES O FABRICATE MOST FITTINGS FROM 4"-24" OD CALL YOUR CSR FOR MORE INFORMATION**

## PIPE FITTINGS

### HDPE PRESSURE PIPE FITTINGS REDUCING TEE / SADDLES / REDUCERS

TYPE	REDUCING TEE				SADDLES				REDUCERS			
SDR	7	9	11	17	7	9	11	17	7	9	11	17
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
2" x 1"	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	029-79980	NA
3" x 2"	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	029-80000	NA
4" X 2"	*	*	029-78094	*	*	*	029-70780	*	*	*	029-80030	*
4" X 3"	*	*	029-78096	*	*	*	*	*	*	*	029-80020	*
6" X 2"	*	*	029-78097	*	*	*	*	*	*	*	*	*
6" X 3"	*	*	029-78098	*	*	*	*	*	*	*	029-80043	*
6" X 4"	*	029-78100	029-78099	*	*	*	*	*	*	*	029-80040	*
8" X 2"	*	*	*	*	*	*	029-70790	*	*	*		*
8" X 4"	*	029-78102	029-78103	*	*	*	*	*	*	*	029-80064	*
8" X 6"	*	*	029-78104	*	*	*	*	*	*	*	029-80060	*
10" X 4"	*	*	029-78105	*	*	*	*	*	*	*		*
10" X 6"	*	*	029-78106	*	*	*	*	*	*	*		*
10" X 8"	*	*	029-78108	*	*	*	*	*	*	*	029-80080	*
12" X 2"	*	*	029-78112	*	*	*	029-78820	*	*	*		*
12" x 6"	*	*	*	*	*	*	029-78860	*	*	*		*
12" x 8"	*	*	*	*	*	*	029-78880	*	*	*	029-80120	*
12" x 10"	*	*	*	*	*	*	*	*	*	*	029-80100	*
14" x 12"	*	*	*	*	*	*	*	*	*	*	029-80160	*

**JABO FABRICATION SHOP HAS THE CAPABILITIES O FABRICATE MOST FITTINGS FROM 4"-24" OD CALL YOUR CSR FOR MORE INFORMATION**

## PIPE FITTINGS

### HDPE PRESSURE PIPE FITTINGS MJ ADAPTERS / MJ ACCESSORIES KITS

MOLDED MJ ADAPTERS					MJ ACCESSORIES KITS	
TYPE					TYPE	
SDR	7	9	11	17	SDR	DI / IPS
SIZE	JABO#	JABO#	JABO#	JABO#	SIZE	JABO#
2"		*	029-82995		2"	029-83200
3"		029-83030	029-83030		3"	029-83220
4"		029-83035	029-83035		4"	029-83225
6"		029-83040	029-83040		6"	029-83230
8"		029-83045	029-83045		8"	029-83235
10"		029-83050	029-83050		10"	029-83240
12"		029-83055	029-83055		12"	029-83045
AVAIL	<i>MOLDED 2"-8"</i>				<i>FITS BOTH DI/IPS- LONGER BOLTS FOR HDPE</i>	

### TRANSITION ADAPTERS

TYPE	HDPE TO VIC GROOVE (CARBON STEEL)				HDPE TO VIC GROOVE (STAINLESS STEEL)				HDPE TO MIPT (CARBON STEEL)			
	7	9	11	17	7	9	11	17	7	9	11	17
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
2"	*	*	228-00220	*	*	*	228-03020	*	*	*	228-01040	*
3"	*	*	228-00240	*	*	*	228-03030	*	*	*	228-01060	*
4"	228-00280	228-00270	228-00260	*	*	*	228-03040	*	*	*	228-01080	*
6"	*	*	228-00300	228-00310	*	*	228-03060	*	*	*	228-01100	*
8"	*	*	228-00320	*	*	228-03090	228-03080	*	*	*	*	*
10"	*	*	228-00340	*	*	*	*	*	*	*	*	*
12"	*	*	228-00360	*	*	*	*	*	*	*	*	*
AVAIL	<i>AVAILABLE 2"-12"</i>				<i>AVAILABLE 2"-12"</i>				<i>AVAIL 3/4"-6"</i>			

## PIPE FITTINGS

HDPE PRESSURE PIPE FITTING  
 TRANSITION ADAPTERS CONT. / JABO CAPABILITIES

TYPE		HDPE TO MIPT (STAINLESS STEEL)			
SDR	7	9	11	17	
SIZE	JABO#	JABO#	JABO#	JABO#	
1"	*	*	228-03100	*	
1-1/2"	*	*	228-03150	*	
2"	*	*	228-03200	*	
3"	*	*	228-03300	*	
4"	228-03502	*	228-03500	*	
6"	*	*	*	*	
8"	*	*	*	*	
10"	*	*	*	*	
12"	*	*	*	*	
AVAIL	1"-6"				

JABO FABRICATION CAPABILITIES
<i>*CUTTING &amp; GROOVING SERVICES UP TO 24"</i>
<i>*THREADING CAPABILITIES UP TO 6"</i>
<i>*10,000 SQ/FT HDPE FABRICATION SHOP</i>
<i>*CUSTOM HDPE FABRICATION UP TO 24" (SPOOLS UP TO 36")</i>
<i>*ON SITE MEASURING</i>
<i>*AUTO CAD DRAWINGS AVAILABLE (2D &amp; 3D)</i>
<i>*2"-36" HDPE FUSION MACHINE AVAILABLE</i>

## PIPE FITTINGS

### IPS PRESSURE GASKETTED FITTINGS

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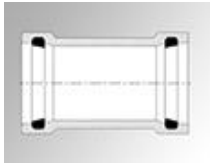
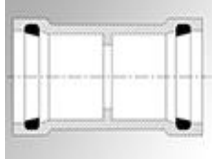
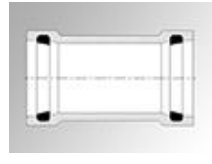
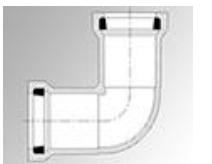
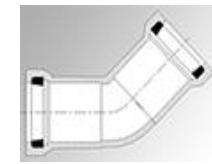
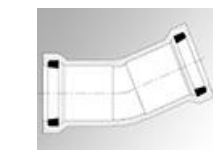
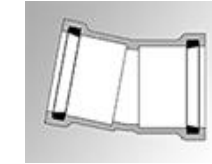
# IPS PRESSURE PIPE

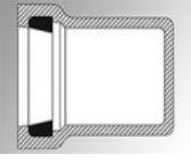

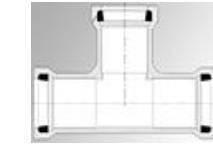
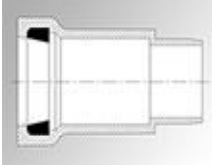
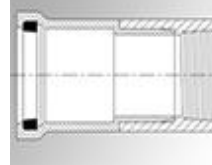
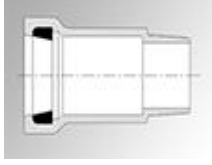
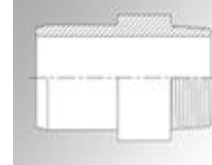
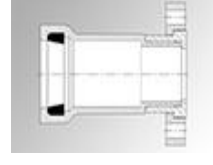
*"GASKETTED FITTINGS"*

## PIPE FITTINGS

### IPS PRESSUE GASKETED FITTINGS

Picture Index

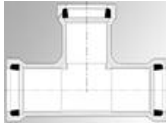
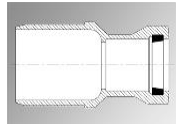
COUPLINGS			ELBOWS			
IPS PRESSURE PIPE		C900 PVC	IPS PRESSURE PIPE			
REPAIR COUPLING	LINE COUPLING	REPAIR COUPLING	90	45	22-1/2	11-1/4
KNOCK ON	LINE (STOP)	KNOCK ON				
200	250	200	200psi	200 psi	200psi	200psi
GXG	GXG	GXG	GXG	GXS	GXG	GXS
						
STOCK	NON STOCK	STOCK	STOCK	STOCK	NON STOCK	NON STOCK

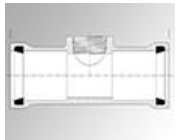
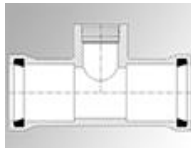
CAP	PLUG	TEE	ADAPTERS				
			GASKET X SPIGOT	GASKET X FIP	GASKET X MIP	PLAIN END X MIP	GASKET X FLANGE
200psi	200psi	200psi	200psi	200psi	200psi	200psi	200psi
G	S	GXGXG	GXS	GXFIP	GXMIP	PE X MIP	GXF
							
STOCK	NON STOCK	STOCK	NON STOCK	STOCK	STOCK	NON STOCK	NON STOCK

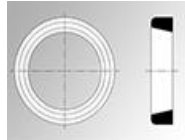
## PIPE FITTINGS

### IPS PRESSUE GASKETED FITTINGS

Picture Index

REDUCING FITTINGS	
TEE	REDUCERS
<b>200 psi</b>	<b>200psi</b>
<b>GXGXG</b>	<b>SEBR</b>
	
STOCK 3X2	NON STOCK

SERVICE TEE	*ACME SERVICE TEE
Tapperd x NPT	
200psi	315psi
GXGXFIP	GxGxACME
	
NON STOCK	NON STOCK

HARCO REPLACEMENT PRESSURE GASKET

NON STOCK

**\*Outlet fits all brands of single O-Ring ACME inlet swing joints. 2", 2½", 3" and 4" ACME service tees and ACME x NPT adapters are available in HARCO Ductile Iron.**

## PIPE FITTINGS


### IPS PRESSUE GASKETED FITTINGS

TYPE FITTING	REPAIR COUPLINGS				ELBOWS			
FITS	IPS			C900	IPS			
ACTUAL FITTING	**Repair (knock On)	**Repair (knock On)	LINE	**Repair (knock On)	90	45	22-1/2	11-1/4
CONNECTION	GXG	GXG	GXG	GXG	GXG	GXG	GXG	GXG
PSI	200psi	250psi	200psi	200psi	200psi	200psi	200psi	200psi
SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
1-1/2"	087-00815	*	*	NA	087-00010	087-00210	NA	NA
2"	087-00820	087-03500	*	NA	087-00020	087-00220	*	*
2-1/2"	087-00825		*	NA	*	*	NA	NA
3"	087-00830	087-03505	*	NA	087-00030	087-00230	*	*
4"	087-00840	087-03510	*	087-00920	087-00040	087-00240	*	*
5"	*	*	*	*	*	NA	NA	NA
6"	087-00860	087-03515	*	087-00921	087-00060	087-00260	*	*
8"	087-00880	087-03520	*	087-00922	*	*	NA	NA
10"	087-00890	*	*	087-00923	NA	NA	NA	NA
12"	087-00900	*	*	087-00924	NA	NA	NA	NA

TYPE	TEE	CAP	PLUG	ADAPTER				
CONNECTION	GXGXG	G	G	GXS	GXFIP	GXMIP	Plain End x MIP	Gasket x Flange
PSI	200psi	200psi	200psi	200psi	200psi	200psi	200psi	200psi
SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
1-1/2"	087-00410	*	*	*	*	087-02010	*	*
2"	087-00420	087-01120	*	*	087-03020	087-02020	*	*
2-1/2"	*		*	*	*	087-02025	*	*
3"	087-00430	087-01130	*	*	*	087-02030	*	*
4"	087-00440	087-01140	*	*	*	087-02040	*	*
5"	*	*	*	*	*	*	*	*
6"	*	087-01160	*	*	*	*	*	*
	*Non Stock Call Jabo Supply		**No Stop in Coupling		Not Available			

## PIPE FITTINGS

### IPS PRESSUE GASKETED FITTINGS

TYPE FITTING	REDUCING FITTINGS		SERVICE TEE				ACME SERVICE TEE			
ACTUAL FITTING	TEE	REDUCERS	Tapered NPT Thread							
CONNECTION	Gasket x Gasket	Spigot x Gasket	GXGFIP				GXG XACME			
PSI	200psi	200psi	200psi				315psi			
SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#		
2" x 1-1/2"	*	*	1½ x ¾"	*	4 x ½"	*	2 x 1"	*		
2-1/2 X 2	NA	*	1½ x 1"	*	4 x ¾"	*	2½ x 1¼"	*		
3" x 1-1/2"	*	NA	1½ x 1¼"	*	4 x 1"	*	2½ x 1½"	*		
3" x 2"	087-00632	*	2 x ½"	*	4 x 1¼"	*	3 x 1"	*		
3" x 3"	*	NA	2 x ¾"	*	4 x 1½"	*	3 x 1¼"	*		
3" x 2-1/2"	*	NA	2 x 1"	*	4 x 2"	*	3 x 1½"	*		
3" x 3"	*	NA	2 x 1¼"	*	6 x ½"	*				
4" x 2"	*	*	2 x 1½"	*	6 x ¾"	*				
4" x 2-1/2"	*	*	2½ x ½"	*	6 x 1"	*				
4" x 3"	*	*	2½ x ¾"	*	6 x 1¼"	*				
5" X 4"	NA	*	2½ x 1"	*	6 x 1½"	*				
6" x 2"	*	NA	2½ x 1¼"	*	6 x 2"	*				
6" x 3"	*	*	2½ x 1½"	*						
6" x 4"	*	*	2½ x 2"	*						
6" X 5"	*	*	3 x ½"	*						
			3 x ¾"	*						
			3 x 1"	*						
			3 x 1¼"	*						
			3 x 1½"	*						
			3 x 2"	*						
										
							<b>SIZE</b>	<b>PART#</b>		
							1½"	*		
							2"	*		
							2½"	*		
							3"	*		
							4"	*		
							6"	*		
							8"	*		

\*Non Stock Call Jabo Supply  
NA-Not Available



PVC SOLVENT WELD & THREADED FITTINGS

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# PVC SOLVENT WELD & THREADED FITTINGS

*SCHEDULE 40 SOCKET WELD*

**PIPE FITTINGS**

**SCHEDULE 40 PVC SOLVENT WELD & THREADED FITTINGS**

*Picture index*

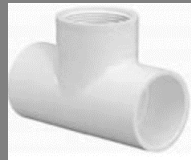
**SOCKET 90 ELL**



**SOCKET 45 ELL**



**SOCKET TEE**



**SOCKET COUPLING**



**SOCKET X MALE ADAPTER**



**SOCKET X FEMALE ADAPTER**



**SPIGOT X FEMALE ADAPTER**



**SPIGOT X SOCKET**



**CAP**



**PURPLE PRIMER**



**HD CLEAR PVC CEMENT**



**ALL PURPOSE CEMENT**



SOCKET- PIPE GOES INTO THE SOCKET (FEMALE)  
 SPIGOT- PIPE OR FITTING GOES OVER THE SPIGOT (MALE)

**PIPE FITTINGS**

**SCHEDULE 40 PVC SOLVENT WELD & THREADED FITTINGS**

TYPE	SOCKET 90	SOCKET 45	SOCKET TEE	SOCKET COUPLING	SOCKET X MALE ADAPTER	SOCKET X FEMALE ADAPTER	SPIGOT X FEMALE ADAPTER	SOCKET CAP
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	018-00020	018-00160	018-00300	018-00450	018-00600	018-00720	*	018-01300
3/4"	018-00030	018-00170	018-00310	018-00460	018-00610	018-00730	*	018-01310
1"	018-00040	018-00180	018-00320	018-00470	018-00620	018-00740	018-00870	018-01320
1-1/4"	018-00050	018-00190	018-00330	018-00480	018-00630	018-00750	*	018-01330
1-1/2"	018-00060	018-00200	018-00340	018-00490	018-00640	018-00760	018-00890	018-01340
2"	018-00070	018-00210	018-00350	018-00500	018-00650	018-00770	*	018-01350
2-1/2"	018-00080	018-00220	018-00360	018-00510	018-00660	018-00780	*	018-01360
3"	018-00090	018-00230	018-00370	018-00520	018-00670	018-00790	*	018-01370
4"	018-00100	018-00240	018-00380	018-00530	018-00680	018-00800	*	018-01380
6"	018-00110	018-00260	018-00390	018-00540	*	*	*	018-01390
8"	018-00120	018-00270	018-00400	018-00550	*	*	*	018-01400
10"	*	*	*	018-00560	*	*	*	*
12"	*	*	*	018-00570	*	*	*	*

TYPE	SPIGOT X SOCKET BUSHING
SIZE	JABO#
3/4"x 1/2"	018-00950
1"x 1/2"	018-00960
1"x 3/4"	018-00970
1-1/4"x 1/2"	018-00980
1-1/4"x 3/4"	018-00990
1-1/4" X 1"	018-01000
1-1/2"x 3/4"	018-01010
1-1/2" X 1"	018-01020
1-1/2" X 1-1/4"	018-01030
2" X 3/4"	018-01050
2" X 1"	018-01060
2" X 1-1/4"	018-01070
2" X 1-1/2"	018-01080
2-1/2" X 1-1/2"	018-01090
2-1/2" X 2"	018-01100
3" X 1-1/2"	018-01110
3" X 2"	018-01120
3" X 2-1/2"	018-01130
4" X 2"	018-01150
4" X 2-1/2"	018-01160
4" X 3"	018-01170
6" X 4"	018-01190

TYPE	PURPLE PRIMER	HD CLEAR PVC CEMENT	ALL PURPOSE CEMENT
SIZE	JABO#	JABO#	JABO#
1/4 PT	959-10000	959-10160	*
1/2 PT	959-10010	959-10200	*
PINT	959-10020	959-10220	959-10270
QUART	959-10030	959-10230	959-10280



## PIPE FITTINGS

SCH 80 PVC SOLVENT WELD & THREADED FITTINGS

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# PVC SOLVENT WELD & THREADED FITTINGS

*SCHEDULE 80*

**PIPE FITTINGS**

**SCHEDULE 80 PVC SOLVENT WELD & THREADED FITTINGS**

**TYPES OF PVC & CPVC SCH 80 FITTINGS**

90 ELBOW	45 ELBOW	22.5 ELBOW	11.25 ELBOW	90 LONG SWEEP ELBOW	TEE	REDUCING TEE
						
COUPLING	SOCKET X (MIP) MALE ADAPTER	SOCKET X (FIP) FEMALE ADAPTER	SPIGOT X (FIP) BUSHING	SPIGOT X SOCKET BUSHING	REDUCING COUPLING	CAP
						
SCH 80 VANSTONE SOCKET FLANGE	SCH 80 VANSTONE SOCKET FLANGE	SOCKET BLIND FLANGE	SCH 80 SOCKET VITON SEAL	SCH 80 WYE		
						



AVAILABLE IN  
SOCKET / THREADED

**ABOVE FITTINGS ARE SHOWN AS CPVC-80 (PVC-80 DARK GRAY / CPVC LIGHT GREY)**

## PIPE FITTINGS

### SCHEDULE 80 PVC SOLVENT WELD & THREADED FITTINGS

#### SOLVENT FITTINGS (NON REDUCING)

#### SCHEDULE 80 SIZE ON SIZE FITTINGS

TYPE	SOCKET 90	SOCKET 45	SOCKET TEE	SOCKET COUPLING	SOCKET X MALE ADAPTER	SOCKET X FEMALE ADAPTER	SOCKET CAP	VANSTONE SOCKET FLANGE	BLIND FLANGE	SOCKET UNION VITON SEAL	SOCKET WYE
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	018-02000	018-02120	018-02250	018-02400	018-02800	018-02900	018-03000	018-03100	*	018-02700	*
3/4"	018-02010	018-02130	018-02260	018-02410	018-02810	018-02910	018-03010	018-03110	*	018-02710	*
1"	018-02020	018-02140	018-02270	018-02420	018-02820	018-02920	018-03020	018-03120	*	018-02720	*
1-1/4"	018-02030	018-02150	018-02280	018-02430	018-02825	018-02930	018-03030	018-03130	*	018-02730	*
1-1/2"	018-02040	018-02160	018-02290	018-02440	018-02830	018-02940	018-03040	018-03140	018-03280	018-02740	*
2"	018-02050	018-02170	018-02300	018-02450	018-02840	018-02950	018-03050	018-03150	018-03290	018-02750	*
2-1/2"	018-02060	018-02180	018-02310	018-02460	018-02860	*	018-03060	018-03160	*	*	*
3"	018-02070	018-02190	018-02320	018-02470	018-02870	018-02960	018-03070	018-03170	018-03300	018-02770	018-02360
4"	018-02080	018-02200	018-02330	018-02480	*	018-02970	018-03080	018-03180	018-03310	*	018-02370
6"	018-02090	018-02210	018-02340	018-02490	*	*	018-03090	018-03190	018-03320	*	018-02380
8"	018-02100	018-02220	018-02350	018-02500	*	*	018-03092	018-03200	*	*	*
10"	*	*	*	*	*	*	*	*	*	*	*
12"	*	*	*	*	*	*	*	*	*	*	*

TYPE	PURPLE PRIMER	HD CLEAR PVC CEMENT	ALL PURPOSE CEMENT
SIZE	JABO#	JABO#	JABO#
1/4 PT	959-10000	959-10160	*
1/2 PT	959-10010	959-10200	*
PINT	959-10020	959-10220	959-10270
QUART	959-10030	959-10230	959-10280

## PIPE FITTINGS

### SCH 80 PVC SOLVENT WELD & THREADED FITTINGS

#### SOLVENT FITTINGS (REDUCING)

#### SCHEDULE 80 REDUCING FITTINGS

TYPE	SPIGOT X SOCKET BUSHING	SPIGOT X FEMALE BUSHING	SOCKET REDUCING COUPLING
SIZE	JABO#	JABO#	JABO#
3/4"x 1/2"	018-03400	018-03700	018-02570
1"x1/2"	018-03420	018-03740	018-02580
1"x3/4"	018-03430	018-03720	018-02590
1-1/4"X 1/2"	*	*	*
1-1/4"X 3/4"	*	*	*
1-1/4" X 1"	018-03440	018-03760	018-02600
1-1/2"X 1/2"	018-03470	*	*
1-1/2"X3/4"	018-03460	018-03800	*
1-1/2"X 1"	018-03450	018-03790	018-02610
1-1/2" X 1-1/4"	018-03444	*	018-02620
2"X 1/2"	018-03520	*	*
2"X 3/4"	018-03510	018-03860	*
2"X 1"	018-03500	018-03840	*
2"X 1-1/4"	018-03490	*	*
2"X 1-1/2"	018-03480	018-03820	018-02630
2-1/2" X 1-1/2"	*	*	*
2-1/2" X 2"	018-03530	*	*
3" X 1-1/2"	*	*	*
3" X 2"	018-03540	018-03880	018-02650
3" X 2-1/2"	018-03550	*	*
4" X 2"	018-03580	*	018-02665
4" X 2-1/2"	*	*	*
4" X 3"	018-03560	018-03890	018-02660
6"X 3"	018-03610	*	*
6" X 4"	018-03600	*	018-02670
8" X 6"	018-03620	*	018-02680

**PIPE FITTINGS**

**SCH 80 PVC SOLVENT WELD & THREADED FITTINGS**

**THREADED FITTINGS (SIZE ON SIZE & REDUCING)**

SCHEDULE 80 THREADED SIZE ON SIZE									SCH 80 THREADED REDUCING		
TYPE	90	45	TEE	COUPLING	CAP	THREADED FLANGE	PLUG	UNION VITON SEAL	TYPE	REDUCERS	BUSHING
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	SIZE	JABO#	JABO#
1/2"	018-04000	018-04000	018-04200	018-04300	018-04900	018-04880	018-04800	018-04500	1/2" X 1/4"	*	018-04600
3/4"	018-04010	018-04010	018-04210	018-04310	018-04910	018-04891	018-04810	018-04510	1/2" X 3/8"	*	018-04610
1"	018-04020	018-04020	018-04220	018-04320	018-04920	018-04892	018-04820	018-04520	3/4" X 1/2"	*	018-04620
1-1/4"	018-04030	018-04030	018-04230	018-04330	018-04930	018-04893	018-04830	018-04530	1" X 1/2"	018-04410	018-04630
1-1/2"	018-04040	018-04040	018-04240	018-04340	018-04940	018-04894	018-04840	018-04540	1" X 3/4"	018-04420	018-04640
2"	018-04050	018-04050	018-04250	018-04350	018-04950	*	018-04850	018-04550	1-1/4" X 1"	*	018-04660
2-1/2"	*	*	*	*	018-04970	*	018-04870	*	1-1/4" X 3/4"	*	018-04670
3"	*	*	*	*	018-04980	*	*	*	1-1/2" X 3/4"	*	018-04680
4"	*	*	*	*	*	*	*	*	1-1/2" X 1"	018-04440	018-04690
6"	*	*	*	*	*	*	*	*	1-1/2" X 1-1/4"	*	018-04700
8"	*	*	*	*	*	*	*	*	2" X 1/2"	*	018-04726
									2" X 3/4"	*	018-04728
									2" X 1"	*	018-04730
									2" X 1-1/2"	2"X 1-1/2	018-04750
									3" X 2"	*	018-04780



## PIPE FITTINGS

### SDR 35 GASKETED SEWER FITTINGS

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# SDR 35 GASKETED SEWER FITTINGS








## PIPE FITTINGS

### SDR 35 GASKETED SEWER FITTINGS








#### Picture Index

TEE STD		TEE WYE		DOUBLE TEE WYE	TWO WAY CLEAN OUTS		CAP
GXG	GXS	GXG	GXS	GXG	GXG	GXDWWG	G
							
STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #

REPAIR COUPLINGS		SADDLES		CLEAN OUT HUB & PLUGS		
No Stop	W/Stop	WYE	TEE	Hub & Plug	Hub Only	Plug Only
GXG	GXG	GXG	GXG			
						
STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #









  

STANDARD WYE		COMBO WYE & 45 BEND		DOUBLE WYE		PLUGS	
GXG	SXG	GXG	STREETXG	GXGXGXG	SXGXGXG	Permanet	Temp
			NO PHOTO AVAILABLE				
STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #

## PIPE FITTINGS

### SDR 35 SEWER FITTINGS

Picture Index

ADAPTERS							
SDR 35 X C900	SDR 35 GASKET X SCH 40 SPGT	SDR 35 GASKET X GLUE	SDR 35 GASKET X SDR 35 SGT	SDR 35 GLUE X DWV GASKET	SDR 35 GASKET X DWV SPGT	SDR35 X IPS GASKET	SDR 35 GASKET X DWV GLUE
							
STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #

SDR 35 SPGT X DWV GASKET	MALE ADAPTER GLUE X MIPT
	
STOCK #	STOCK #

STONG PLUG CEMENT 1 MIN SET
NO PHOTO AVAILABLE
STOCK #

**PIPE FITTINGS**

**SDR 35 GASKETED SEWER FITTINGS**

TYPE	TEE STD		TEE WYE		DOUBLE TEE WYE	2 WAY CLEAN OUT		REPAIR COUPLINGS		SADDLES		CAP
	GXGXG	GXSXG	GXGXG	SXGXG		GXGXGXG	GXG	GXDWW	No Stop	W/ Stop	WYE XG	
CONNECTION SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
4"	088-10160	088-90597	088-10755	088-10790	*	088-10625	088-10635	088-10260	088-10235	NA	NA	088-10530
6"X4"	088-10165	088-88461	088-10760	*	088-89121	NA	NA	NA	NA	088-10870	088-10815	NA
6"	088-10170	088-88464	088-10765	088-10795	088-89124	088-10630	*	088-10265	088-10240	NA	NA	088-10535
8"X4"	088-10175	088-88467	088-10770	088-10800	088-89127	NA	NA	NA	NA	088-10875	088-10820	NA
8"X 5"	088-10180	*	*	*	*	NA	NA	NA	NA	088-10880	088-10825	NA
8"X 6"	088-10185	088-88470	088-10775	088-10805	088-89130	NA	NA	NA	NA	*	*	NA
8"	088-10190	088-88473	088-10780	088-10810	088-89133	NA	NA	088-10270	088-10245	NA	NA	088-10540
10"X 4"	088-10195	088-88476	088-10781	088-10811	088-89136	NA	NA	NA	NA	088-10885	088-10830	NA
10"X 6"	088-10205	088-88479	088-10785	088-10812	088-89139	NA	NA	NA	NA	088-10890	088-10835	NA
10"X 8"	088-10206	088-88482	088-10786	088-10813	088-89142	NA	NA	NA	NA	*	*	NA
10"	088-10210	088-88485	088-10787	088-10814	088-89145	NA	NA	088-10275	088-10250	NA	NA	088-10545
12" X 4"	088-10215	088-88488	088-10788	088-88917	088-89148	NA	NA	NA	NA	088-10895	088-10840	NA
12" X 6"	088-10220	088-88491	088-10789	088-88920	088-89151	NA	NA	NA	NA	088-10900	088-10845	NA
12" X 8"	088-10226	088-88494	088-88707	088-88923	088-89154	NA	NA	NA	NA	*	*	NA
12 X 10"	088-10227	088-88497	088-88710	088-88926	088-89157	NA	NA	NA	NA	*	*	NA
12"	088-10230	088-88500	088-88713	088-88929	088-89160	NA	NA	088-10280	088-10255	NA	NA	088-10550

NA= NOT AVAILABLE

\*NON STOCK CALL JABO SUPPLY



**PIPE FITTINGS**

**SDR 35 GASKETED SEWER FITTINGS**

TYPE	STD WYE		COMBO WYE & 45 BEND		DOUBLE WYE		CROSS	PLUGS		CLEAN OUT HUB & PLUGS		
	GXGXG	SXGXG	SXGXG	GXGXG	GXGXGXG	SXGXGXG	GXGXGXG	Permanent	Temp	Hub & Plug	Hub	Plug
CONNECTION	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	S	S			
4"	088-10030	088-10090	088-10725	088-10675	088-10119	*	088-90603	088-10505	088-10490	088-20000	088-91071	088-90867
6"X4"	088-10035	088-10095	088-10735	088-10690	088-10120	088-10140	088-89352	*	*	NA	NA	NA
6"	088-10040	088-10100	088-10730	088-10680	088-10125	088-10145	088-89355	088-10510	088-10495	088-20005	088-90864	088-90870
8"X4"	088-10045	088-10105	088-10740	088-10695	088-10130	088-10150	088-89358	*	*	NA	NA	NA
8"X5"	*	*	*	*	*	*	*	*	*	NA	NA	NA
8"X6"	088-10050	088-10110	088-10745	088-10700	088-10135	088-10155	088-89361	*	*	NA	NA	NA
8"	088-10055	088-10115	*	088-10685	088-10136	*	088-89364	088-10515	088-10500	NA	NA	088-91083
10"X4"	088-10060	088-10116	*	088-10705	088-10137	*	088-89367	*	*	NA	NA	NA
10"X6"	088-10065	088-10117	*	088-10710	088-10138	*	088-89370	*	*	NA	NA	NA
10"X8"	088-10066	088-10118	*	*	088-10139	*	088-89373	*	*	NA	NA	NA
10"	088-10070	*	*	*	*	*	088-89376	088-10520	*	NA	088-93996	088-94098
12" X 4"	088-10075	*	*	088-10715	088-88056	*	088-89379	*	*	NA	NA	NA
12" X 6"	088-10080	*	*	088-10720	088-88062	*	088-89382	*	*	NA	NA	NA
12" X 8"	088-10081	*	*	*	088-88065	*	088-89385	*	*	NA	NA	NA
12 X 10"	088-10082	*	*	*	088-88068	*	088-89388	*	*	NA	NA	NA
12"	088-10085	*	*	*	088-88071	*	088-89391	088-10525	*	NA	088-93999	088-94101
										<b>SIZE ABOVE 6 SEE INDIVIDUAL FEMALE ADAPTER HxFPT &amp; CLEANOUT THREADED PLUG</b>		

NA= NOT AVAILABLE

\*NON STOCK CALL JABO SUPPLY



**PIPE FITTINGS**

**SDR 35 GASKETED SEWER FITTINGS**

TYPE	ELBOWS											
	90				45		30		22-1/2		11-1/4	
SHORT NAME	Standard		Long Sweep		Standard		Standard		Standard		Standard	
CONNECTIONS	GXG	GXS	GXG	GXS	GXG	GXS	GXG	GXS	GXG	GXS	GXG	GXS
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
4"	088-10315	088-10340	088-10285	088-10300	088-10355	088-10385	088-89646	088-89682	088-10415	088-10445	088-10463	088-89751
6"	088-10320	088-10345	088-10290	088-10305	088-10365	088-10395	088-89649	088-89685	088-10425	088-10455	088-10464	088-89754
8"	088-10325	088-10350	088-10295	088-10310	088-10370	088-10400	088-89652	088-89688	088-10430	088-10460	088-89724	088-89757
10"	088-10330	088-10351	*	*	088-10375	088-10405	088-89655	088-89691	088-10435	088-10461	088-89727	088-89760
12"	088-10335	088-10352	*	*	088-10380	088-1-410	088-89658	088-89694	088-10440	088-10462	088-87345	088-90693

TYPE	REDUCERS			
	Concentric		Eccentric	
CONNECTION	GXG	GXS	GXG	GXS
SIZE	JABO#	JABO#	JABO#	JABO#
6"X 4"	088-10595	088-10575	088-10555	088-10560
8"X 4"	088-10600	088-10580	*	088-10565
8"X 6"	088-10605	088-10585	*	088-10570
10"x4"	*	088-10590	*	*
10"x6"	*	088-10591	*	088-10571
10"X 8"	*	088-10592	*	*
12"x4"	*	088-10593	*	*
12"X6"	*	088-10594	*	088-10572
12"X 8"	*	088-90024	*	*
12" X 10"	*	088-90618	*	*

NA= NOT AVAILABLE

\*NON STOCK CALL JABO SUPPLY



**PIPE FITTINGS**

**SDR 35 GASKETED SEWER FITTINGS**

TYPE	SDR 35 X C900	SDR 35 GASKET X SCH 40 SPGT	SDR 35 GASKET X GLUE	SDR 35 GASKET X SDR 35 SGT	SDR 35 GLUE X DWV GASKET	SDR 35 GASKET X DWV SPGT	SDR35 X IPS GASKET	SDR 35 GASKET X SDR 35 SPGT	SDR 35 GASKET X DWV GLUE	SDR 35 SPGT X DWV GASKET	MALE ADAPTER GLUE X MIPT
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
4"	*	*	088-10610	088-10660	088-10015	088-10650	088-90525	088-10660	088-10645	088-10000	*
6"X4"	*	*	*	*	088-10020	088-10655	088-90528	088-10665	*	088-10005	*
6"	*	*	088-10615	088-10665	088-10025	*	088-90531	088-10670	*	088-10010	*
8"	*	*	088-10620	088-10670	*	*	088-90534	*	*	*	*
10"	*	*	*	*	*	*	088-87252	*	*	*	*
12"	*	*	*	*	*	*	*	*	*	*	*

	STRONG PLUG CEMENT 1-MIN SET
SIZE	JABO#
5 GAL	088-95005

NA= NOT AVAILABLE

\*NON STOCK CALL JABO SUPPLY





PIPE FITTINGS

HDPE CORRUGATED PIPE FITTINGS



# HDPE CORRUGATED







*PIPE FITTINGS*

**PIPE FITTINGS**

**HDPE CORRUGATED PIPE FITTINGS**

**PICTURES**

**SINGLE WALL SNAP FITTINGS**

<b>Coupling</b>	<b>Internal Coupling</b>	<b>Cap</b>	<b>Wye</b>	<b>Tee</b>	<b>90</b>	<b>45</b>
						
<i>STOCK</i>	<i>STOCK</i>	<i>STOCK</i>	<i>STOCK</i>	<i>STOCK</i>	<i>STOCK</i>	<i>STOCK</i>

**SINGLE WALL MULTI FITTINGS**

<b>BLIND TEE ONE</b>	<b>BLIND TEE BOTH</b>	<b>CROSS</b>
		
<i>STOCK</i>	<i>STOCK</i>	<i>STOCK</i>

**PIPE FITTINGS**

**HDPE CORRUGATED PIPE FITTINGS**




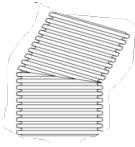
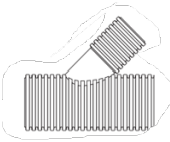
PICTURES

**DUAL WALL MOLDED SOIL TIGHT FITTINGS**

90	45	TEE	WYE	REDUCING TEE	REDUCING WYE
					
STOCK	STOCK	STOCK	STOCK	STOCK	STOCK



**DUAL WALL FABRICATED FITTINGS**

SPLIT COUPLER	90	45	22.5	WYE
				
STOCK	STOCK	STOCK	NON STOCK	STOCK

**MAR MAC POLYSEAL PIPE COUPLER**


NON STOCK



**PIPE FITTINGS**

**HDPE CORRUGATED FITTINGS**

Single Wall Snap Couplings / Dual Wall Molded Soil Tight

**SINGLE WALL SNAP FITTINGS**

TYPE	Coupling	Internal Coupling	Cap	Wye	Tee	90	Snap 45
Size	JABO #	JABO #	JABO #	JABO #	JABO #	JABO #	JABO #
4"	115-20440	*	115-20940	*	115-30300	*	*
6"	115-20460	*	*	115-20990	*	NA	NA
8"	115-20080	*	*	*	NA	NA	NA
10"	115-20480	*	115-30220	NA	NA	NA	NA
12"	NA	NA	NA	NA	NA	NA	NA
15"	NA	NA	NA	NA	NA	NA	NA
18"	NA	NA	NA	NA	NA	NA	NA

**SINGLE WALL MULTI FITTINGS**

TYPE	Blind Tee on One End	Blind Multi Tee Both Ends	Multi Cross Tee
Size	JABO #	JABO #	JABO #
4"	*	NA	NA
6"	115-20850	NA	*
8"	*	*	NA
10"	*	115-20880	NA
12"	NA	*	NA
15"	NA	*	NA
18"	NA	*	NA

**DUAL WALL MOLDED SOIL TIGHT FITTINGS**

TYPE	SIZE ON SIZE			
	ELBOWS		TEES	WYES
	90	45	Size on Size	Size on Size
SIZE	JABO #	JABO#	JABO#	JABO#
4"	115-20840	*	*	*
6"	*	*	*	*
8"	*	*	*	*
10"	*	*	*	*
12"	115-20844	115-20847	115-20882	115-20995

TYPE	REDUCING	
	TEES	WYES
	Reducing	Reducing
SIZE	JABO#	JABO#
6" x 4"	*	*
8" x 4"	*	*
8" x 6"	*	*
10" x 4"	*	NA
10" x 6"	*	*
10" x 8"	*	*
12" x 8"	*	*
12" x 10"	*	*

**\*NON STOCK CALL JABO SUPPLY  
NA-NOT AVAILABLE**

**\*\*\*12" x 10" Tees and Wyes require about 15" of 12" N-12 pipe to join the injection molded fittings.**

**PIPE FITTINGS**

HDPE CORRUGATED FITTINGS  
DUAL WALL FABRICATED FITTINGS

**DUAL WALL FABRICATED FITTINGS**

TYPE	SPLIT COUPLER	ELBOWS			TEES	45 WYE
		90	45	22.5		
SIZE	JABO #	JABO #	JABO #	JABO #	JABO #	JABO #
12"	115-20120	NA	NA	NA	NA	NA
15"	115-20150	115-20845	115-20848	*	115-20883	115-20996
18"	115-20180	115-20846	115-20849	*	115-20884	*
24"	115-20240	*	*	*	*	*
30"	*	*	*	*	*	NA
36"	115-20360	*	*	*	*	NA
42"	NA	*	*	*	*	NA
48"	*	*	*	*	*	NA
60"	*	*	*	*	*	NA

*Split Coupler required to connect fabricated fittings to pipe*

**\*NON STOCK CALL JABO SUPPLY  
NA-NOT AVAILABLE**

**MAR MAC POLYSEAL PIPE  
COUPLER**

TYPE	REPAIR COUPLER	DOUBLE WIDE
SIZE	ADS #	ADS #
6"	0667RC	NA
8"	0867RC	0867RCD
10"	1067RC	1067RCD
12"	1267RC	1267RCD
15"	1567RC	1567RCD
18"	1867RC	1867RCD
21"	2167RC	2167RCD
24"	2467RC	2467RCD
30"	3067RC	3067RCD
36"	3667RC	3667RCD
42"	4267RC	4267RCD
48"	4867RC	4867RCD
54"	5467RC	5467RCD
60"	6067RC	6067RCD

**GETS SOIL-TIGHT JOINT  
PERFORMANCE FROM ANY  
DRAINAGE PIPE WITH POLYSEAL**

Polyseal is a high strength, reinforced coupler that delivers reliable soil-tight performance. It consist of thick rubberized bonding mastic that provides a tight positive seal around pipes and culverts



PIPING ACCESSORIES



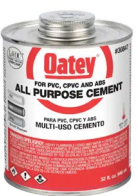





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# PIPING ACCESSORIES

PRIMERS & CEMENT / GASKET LUBE / LEAK DETECTOR / PIPE DOPE

PIPING ACCESSORIES

TYPE	PRIMERS & CEMENT				GASKET LUBE	LEAK DETECTOR	PIPE DOPE	STRONG PLUG CEMENT 1-MIN SET
CALL JABO SUPPLY	PURPLE PRIMER	MEDIUM CLEAR CEMENT	ALL PURPOSE CEMENT	CPVC MEDIUM PURPOSE CEMENT				
CALL JABO SUPPLY								
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
16OZ	NA	NA	NA	NA	NA	<b>959-75480</b>	NA	NA
1/4 PINT	<b>959-10000</b>	<b>959-10160</b>	*	*	*	NA	*	NA
1/2 PINT	<b>959-10010</b>	<b>959-10200</b>	*	<b>959-10300</b>	*	NA	*	NA
PINT	<b>959-10020</b>	<b>959-10220</b>	<b>959-10270</b>	<b>959-10320</b>	*	NA	<b>959-72360</b>	NA
QUART	<b>959-10030</b>	<b>959-10230</b>	<b>959-10280</b>	<b>959-10340</b>	<b>959-50080</b>	NA	<b>959-72380</b>	NA
GALLON	*	*	*	*	<b>959-50090</b>	NA	*	*
5GALLON	NA	NA	NA	NA	NA	NA	NA	<b>088-95005</b>

\*Non Stock Call Jabo for Availability

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

**FLANGE PACKS  
GASKETS  
BOLTS / STUDS / NUTS**

**FLANGE PACKS / GASKETS / BOLTS**

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Call Jabo Supply	

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# FLANGE PACKS

**FLANGE PACKS / GASKETS / BOLTS**

**FLANGE PACKS**

**RED RUBBER**

**NON ASBESTOS**






**\*\*BUTTERFLY VALVE BOLT SETS**

TYPE

FULL FACE IMPORT

FULL FACE AIS

RING GASKET

CALL JABO SUPPLY											
	IMPORT		AIS								
FLANGE#	#150	#300	#150	#300	#150	#300	LUG STYLE		WAFER STYLE		
SIZE GASKET	1/8"		1/8"		1/16"	1/16"	NA		NA		
BOLTS	SS		SS		Zic Plated		Zic Plated		Zic Plated		
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	BOLT SIZE	JABO#	BOLT SIZE	
1/2"	*	*	*	*	*	*	*	*	*	*	
3/4"	*	*	*	*	*	*	*	*	*	*	
1"	*	*	*	*	*	*	*	*	*	*	
1-1/4"	*	*	*	*	*	*	*	*	*	*	
1-1/2"	*	*	*	*	952-20080	*	*	*	*	*	
2"	952-10020	*	952-10150	*	952-20100	952-21120	*	*	952-23020	5/8"X4-1/2"	
2-1/2"	952-10025	*	952-10152	*	952-20120	952-21140	952-22030	5/8"X1-1/2"			
3"	952-10030	*	952-10154	*	952-20140	952-21160	*	*			
3-1/2"	*	*	*	*	*	*	*	*	*	*	
4"	952-10040	*	952-10156	*	952-20160	952-21180	952-22040	5/8"X1-3/4"	952-23040	5/8"X5"	
5"	952-10050	*	952-10158	*	952-20180	952-21200	*	*	*	*	
6"	952-10060	*	952-10160	*	952-20200	952-21220	952-22060	3/4"X2"	952-23068	3/4"X6"	
8"	952-10080	*	952-10162	*	952-20220	952-21240	952-22080	3/4"X2-1/4"			
10"	952-10100	*	952-10164	*	952-20240	952-21260	952-22100	7/8"X2-1/4"	952-23102	7/8"X7	
12"	952-10120	*	952-10166	*	952-20260	952-21280	952-22120	7/8"X2-1/2"			
<b>WATER WORKS- Red Rubber -#150 1/8 Gasket is with SS Bolts are standard unless otherwise specified</b>							<b>**Lug Style bolt kits will also work on Knife Gate Valves</b>				

FLANGE PACKS / GASKETS / BOLTS

---



# GASKETS

"GASKETS ONLY"

## FLANGE PACKS / GASKETS / BOLTS

RED RUBBER / NON ASBESTOS

### RED RUBBER

RING

FULL FACE

### NON ASBESTOS "Garlock"





RING



FULL FACE

### ROLL

RED RUBBER

NON  
ASBESTOS

GASKETS ONLY	RED RUBBER			NON ASBESTOS "Garlock"			
							
FLANGE#	#150	#150	#150	#150	#150	#300	#150
THICKNESS	1/16"	1/8"	1/16"	1/16"	1/8"	1/16"	1/16"
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	*	*	*	958-65300	*	*	*
3/4"	*	*	*	958-65310	*	958-65180	*
1"	*	*	*	958-65320	*	958-65190	*
1-1/4"	*	*	*	958-65330	*	958-65200	*
1-1/2"	958-64840	*	*	958-65340	*	958-65210	958-65500
2"	958-64850	958-64010	*	958-65350	958-65351	958-65220	958-65510
2-1/2"	958-64860	958-64020	*	958-65360	*	958-65230	958-65520
3"	958-64870	958-64030	958-64035	958-65370	958-65371	958-65240	958-65530
3-1/2"	*	*	*	*	*	*	*
4"	958-64890	958-64040	858-64045	958-65390	958-65391	958-65250	958-65550
5"	958-64900	*	*	958-65400	*	*	958-65560
6"	958-64910	958-64060	958-64065	958-65410	958-65411	958-65270	958-65570
8"	958-64920	958-64080	958-64088	958-65420	958-65421	958-65280	958-65580
10"	958-64930	958-64100	958-64101	958-65430	958-65431	958-65290	958-65590
12"	958-64940	*	958-64120	958-65440	958-65441	*	958-65600
14"	*	*	958-64140	958-65450	*	*	*
16"	*	*	958-64160	958-65460	*	*	*
18"	*	*	*	958-65470	*	*	*
20"	*	*	*	958-65480	*	*	*
24"	*	*	*	958-65490	*	*	*

		
	Garlock	
TYPE	RED RUBBER	NON ASBESTOS
SIZE	JABO#	JABO#
1/16"	958-65810	958-65870
1/8"	958-65820	958-65880
<i>Normal Roll is 5x5(25 SQ. FT.) but can vary depending on manufacturer</i>		
<b>SOLD BY SQ. FT.</b>		

\*NON STOCK CALL JABO SUPPLY

**WATER WORKS- Red Rubber -#150 1/8 FF**  
Gasket is standard unless otherwise specified



# BOLTS / STUDS / NUTS

## FLANGE PACKS / GASKETS / BOLTS

### BOLTS & NUTS

#### Terminology

### BOLTS

#### HEX HEAD MACHINE BOLTS

**A hex head machine bolt** is a, versatile, high-strength, six-sided fastener designed for assembly with a nut or into a tapped hole. Featuring external machine threads and a hexagonal head for easy torque application with wrenches, they are commonly used in machinery, construction, and structural applications.

### STUD BOLTS

#### GRADE B7/ A36

**A stud bolt** is a headless, externally threaded fastener used to join components, typically secured with two heavy hex nuts, one on each side. Often used in high-pressure, high-temperature piping in the oil and chemical industries, they provide superior clamping for flanges, cylinder heads, and heavy machinery.

**An ASTM A193 Grade B7 stud** is a high-strength, heat-treated chromium-molybdenum alloy steel fastener designed for high-temperature and high-pressure applications. The minimum yield strength of ASTM A193 Grade B7 stud bolts is typically 105,000psi for Diameter us to 2.5".

**An A36 stud** is a threaded fastener or rod manufactured from ASTM A36 carbon structural steel, commonly used in construction for anchoring, general fastening, and welding applications. These studs are made from a low-carbon steel (less than 0.3% carbon) that is highly weldable and ductile. A36 studs are known for having a minimum yield strength of 36,000 PSI, or 36 ksi.



### FINISHES

#### PLAIN-BLACK

**A plain finish** on a hex head bolt means the steel is uncoated, leaving it in its raw or "black" state. Often treated only with a light oil to slightly inhibit rust during storage, these bolts offer no, or very low, corrosion resistance. They are suitable for indoor, dry, or, in some cases, high-strength structural applications.

**Plated are coated** (e.g., zinc-plated, hot-dip galvanized) to resist corrosion, making them suitable for outdoor or high-moisture environments.

*JABO STOCKS MORE PLAIN FINISH WITH LIMITED PLATED STOCK*



## FLANGE PACKS / GASKETS / BOLTS

### BOLTS & NUTS

#### Terminology



**Coarse thread** refers to fastener threading with wider, deeper, and fewer ridges per inch (TPI) compared to fine threads

**Fine threads** (UNF) are screws or bolts with a smaller pitch—meaning more threads per inch—compared to coarse threads, providing higher tensile strength, better vibration resistance, and more precise adjustments

**ALL JABO STOCK IS COARSE THREAD UNLESS NOTED**

Bolt Size	Threads Per Inch (TPI)		
	Coarse Thread	Fine Thread	B7
	UNC	UNF	
1/4"	20	28	20
5/16"	18	24	18
3/8"	16	24	16
7/16"	14	20	14
1/2"	13	20	13
9/16"	12	18	12
5/8"	11	18	11
3/4"	10	16	10
7/8"	9	14	9
1"	8	12*	8
1-1/8"	7	12	8
1-1/4"	7	12	8
1-1/2"	6	12	8

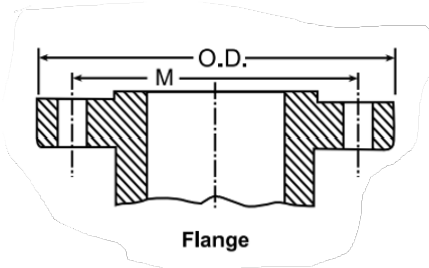
*B7 studs can work on any lug style valve upto and including 16". Anything 18" and above require Coarse Thread Studs*

CALL JABO SUPPLY

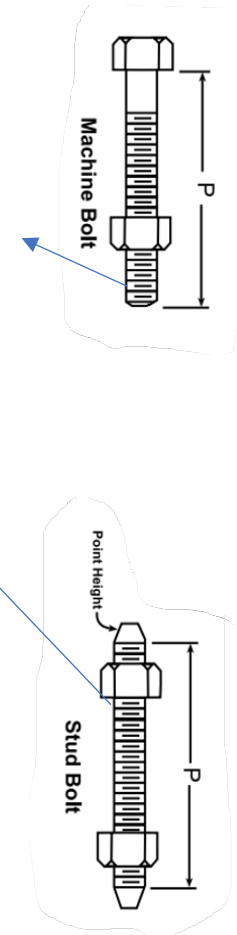
## FLANGE PACKS / GASKETS / BOLTS

### FLANGE BOLT PATTERN AND LENGTH

Class 150



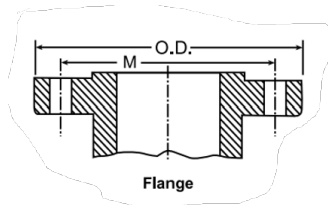
Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
	O.D.	Diameter of Bolt Circle M	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Stud Bolts Raised Face 0.06 in.	Stud Bolts Ring Joint	Machine Bolts Raised Face 0.06 in.
ASME B16.5								
						P	P	P
½	3.50	2.38	⅝	4	½	2.25	*	2.00
¾	3.88	2.75	⅝	4	½	2.50	*	2.00
1	4.25	3.12	⅝	4	½	2.50	3.00	2.25
1 ¼	4.62	3.50	⅝	4	½	2.75	3.25	2.25
1 ½	5.00	3.88	⅝	4	½	2.75	3.25	2.50
2	6.00	4.75	¾	4	⅝	3.25	3.75	2.75
2 ½	7.00	5.50	¾	4	⅝	3.50	4.00	3.00
3	7.50	6.00	¾	4	⅝	3.50	4.00	3.00
3 ½	8.50	7.00	¾	8	⅝	3.50	4.00	3.00
4	9.00	7.50	¾	8	⅝	3.50	4.00	3.00
5	10.00	8.50	⅞	8	¾	3.75	4.25	3.25
6	11.00	9.50	⅞	8	¾	4.00	4.50	3.25
8	13.50	11.75	⅞	8	¾	4.25	4.75	3.50
10	16.00	14.25	1	12	⅞	4.50	5.00	4.00
12	19.00	17.00	1	12	⅞	4.75	5.25	4.00
14	21.00	18.75	1 ⅛	12	1	5.25	5.75	4.50
16	23.50	21.25	1 ⅛	16	1	5.25	5.75	4.50
18	25.00	22.75	1 ¼	16	1 ⅛	5.75	6.25	5.00
20	27.50	25.00	1 ¼	20	1 ⅛	6.25	6.75	5.50
24	32.00	29.50	1 ¾	20	1 ¼	6.75	7.25	6.00



## FLANGE PACKS / GASKETS / BOLTS

### FLANGE BOLT PATTERN AND LENGTH

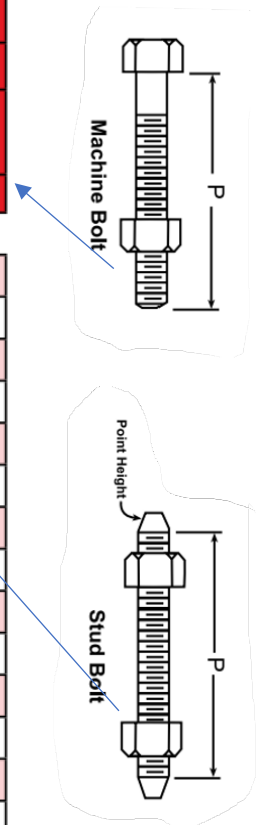
Class 300



Bolting Pattern and Bolt Lengths								
Pipe Size	Outside Diameter	Drilling				Length of Bolts		
	O.D.	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Stud Bolts Raised Face 0.06 in.	Stud Bolts Ring Joint	Machine Bolts Raised Face 0.06 in.
	M	M				P	P	P

**ASME B16.5**

½	3.75	2.62	⅝	4	½	2.50	3.00	2.25
¾	4.62	3.25	¾	4	⅝	3.00	3.50	2.50
1	4.88	3.50	¾	4	⅝	3.00	3.50	2.50
1 ¼	5.25	3.88	¾	4	⅝	3.25	3.75	2.75
1 ½	6.12	4.50	⅞	4	¾	3.50	4.00	3.00
2	6.50	5.00	¾	8	⅝	3.50	4.00	3.00
2 ½	7.50	5.88	⅞	8	¾	4.00	4.50	3.25
3	8.25	6.62	⅞	8	¾	4.25	4.75	3.50
3 ½	9.00	7.25	⅞	8	¾	4.25	5.00	3.75
4	10.00	7.88	⅞	8	¾	4.50	5.00	3.75
5	11.00	9.25	⅞	8	¾	4.75	5.25	4.25
6	12.50	10.62	⅞	12	¾	4.75	5.50	4.25
8	15.00	13.00	1	12	⅞	5.50	6.00	4.75
10	17.50	15.25	1 ⅛	16	1	6.25	6.75	5.50
12	20.50	17.75	1 ¼	16	1 ⅛	6.75	7.25	5.75
14	23.00	20.25	1 ¼	20	1 ⅛	7.00	7.50	6.25
16	25.50	22.50	1 ⅜	20	1 ¼	7.50	8.00	6.50
18	28.00	24.75	1 ⅜	24	1 ¼	7.75	8.25	6.75
20	30.50	27.00	1 ⅜	24	1 ¼	8.00	8.75	7.25
24	36.00	32.00	1 ½	24	1 ½	9.00	10.00	8.00



**FLANGE PACKS / GASKETS / BOLTS**

**HDPE PRESSURE PIPE BOLT & STUD SIZING CHART**

**BOLT AND STUD SIZING CHART**

<b>BOLTS</b>			<b>BOLTS</b>			<b>STUDS</b>					
<i>POLY TO STEEL CONNECTIONS</i>			<i>POLY TO POLY SDR 11</i>			<i>POLY TO POLY SDR 11</i>					
SIZE	QTY	SIZE BOLT	SIZE PIPE	QTY	SIZE BOLT	SIZE PIPE	QTY	SIZE BOLT	SIZE PIPE	QTY	SIZE BOLT
2"	4	5/8" X 3"	2"	4	5/8" X 3-1/2"	2"	4	5/8" X 4"	16"	16	1" X 12"
3"	4	5/8" X 3-1/2"	3"	4	5/8" X 4"	4"	8	5/8" X 6"	18"	16	1-1/8" X 12"
4"	8	5/8" X 3-1/2"	4"	8	5/8" X 4-1/2"	6"	8	3/4" X 6"	20"	20	1-1/8" X 12"
6"	8	3/4" X 4"	6"	8	3/4" X 5"	8"	8	3/4" X 6"	24"	20	1-1/4" X 14"
8"	8	3/4" X 4-1/2"	8"	8	3/4" X 5-1/2"	10"	12	7/8" X 8"	<b>CALL JABO SUPPLY FOR ALL YOUR HDPE NEEDS</b>		
10"	12	7/8" X 5"	10"	12	7/8" X 7"	12"	12	7/8" X 9"			
12"	12	7/8" X 6"	12"	12	7/8" X 8"	14"	12	1" X 12"			

**FLANGE PACKS / GASKETS / BOLTS**

**BOLTS & NUTS**

*1/2" & 5/8" Bolts & Studs*

OD	1/2"					5/8"				
TYPE	HEX HEAD MACHINE		STUDS			HEX HEAD MACHINE		STUDS		
	PLAIN	PLATED	B7		A36	MACHINE	PLATED	B7		A36
FINISH	Black	Zinc	Plain Black		Plated Zinc	Plain Black	Plated Zinc	Plain Black		Plated Zinc
SOLD AS	Bolt only	Bolt only	Stud Only	Stud W/ 2Nuts		Bolt only	Bolt only	Stud Only	Stud W/ 2Nuts	
LENGTH	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1-1/2"	*	*	*	*	*	952-49165	952-51020	*	*	
1-3/4"	*	*	*	*	*	*		*	*	
2"	952-48800	952-51000	*	*	*	952-49170	952-51025		*	
2-1/4"	952-49000	952-51005	*	*	*			*	*	
2-1/2"	952-49160	*	952-74050	952-71000	952-71000	952-49180	952-51030	*	*	
2-3/4"	*	*	*	*	*	952-49340	952-51035	*	*	
3"	*	*	952-74100	952-71005	952-71005	952-49520	952-51040	952-74250	*	952-71015
3-1/2"	*	*	952-74150	952-71010	952-71010	952-49530		952-74300	*	952-71020
3-3/4"	*	*	*	*	*	*		*	*	
4"	952-49163	952-51015	*	*	*	952-49532	952-51050	952-74350	*	952-71025
4-1/4"	*	*	*	*	*	*	*	*	*	*
4-1/2"	*	*	*	*	*	952-49533	952-51055	952-74400	952-75210	952-71030
4-3/4"	*	*	*	*	*	*	*	*	*	*
5"	*	*	*	*	*	952-49534	952-51060	952-74450	952-75211	*
5-1/4"	*	*	*	*	*	*	*	*	952-75212	*
5-1/2"	*	*	*	*	*	*	*	*		*
6"	*	*	*	*	*	952-49535	952-51070	952-74500		*
6-1/4"	*	*	*	*	*	*	*	*	*	*
6-1/2"	*	*	*	*	*	*	*	*	*	*
7"	*	*	*	*	*	*	*	952-74510	952-75213	*
7-1/4"	*	*	*	*	*	*	*	*	952-75214	*

*Other lengths available upon request*

*\*Non Stock Call Jabo Supply*

*Plain Black more readily available*

**FLANGE PACKS / GASKETS / BOLTS**

**BOLTS & NUTS**

*3/4" & 7/8" Bolts & Studs*

OD	3/4"					7/8"				
	HEX HEAD MACHINE		STUDS			HEX HEAD MACHINE		STUDS		
TYPE	PLAIN	PLATED	B7		A36	MACHINE	PLATED	B7		A36
FINISH	Black	Zinc	Plain Black		Plated Zinc	Plain Black	Plated Zinc	Plain Black		Plated Zinc
SOLD AS	Bolt only	Bolt only	Stud Only	Stud W/ 2Nuts		Bolt only	Bolt only	Stud Only	Stud W/ 2Nuts	
LENGTH	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1-1/2"	*	*	*	*	*	*	*	*	*	*
1-3/4"	952-49536	952-51075	*	*	*	*	*	*	*	*
2"	952-49537	952-51080	*	*	*	*	*	*	*	*
2-1/4"	*		*	*	*	*	*	*	*	*
2-1/2"	952-49538	952-51085	*	*	*	952-50010	952-51130	*	*	*
2-3/4"	*	*	*	*	*	*	952-51135	*	*	*
3"	952-49540	952-51090	*	*	*	*	*	*	*	*
3-1/2"	952-49880	952-51095	952-74520	*	952-71050	952-50020	*	*	*	*
3-3/4"	*			*		952-50040	952-51140	*	*	*
4"	952-49890	952-51100	952-74550	*	952-71055	*	*	*	*	*
4-1/4"	*			952-75203		*	*	952-74900	*	952-71080
4-1/2"	952-49900	952-51105	952-74650	952-75202	952-71060	*	*		952-75215	*
4-3/4"	*	*	*	952-75204		952-50050	952-51145	*	952-75216	*
5"	952-49910	952-51110	952-74750		952-71065	*	*	*	*	*
5-1/4"	*	*	*	952-75205		*	*	952-74950	*	952-71085
5-1/2"	952-49920	952-51115	*	*	*	952-50060	952-51150	952-75000	952-75217	952-71090
6"	952-49940	952-51120	952-74800	952-75206	952-71070	*	*		952-75218	
6-1/4"	*	*	*	*	*	*	*	*	*	*
6-1/2"	*	*	*	952-75207	*	952-50080	952-51155	*	*	*
7"	952-49950	952-51125	952-74850	952-75208	952-71075	*	*	*	*	*
7-1/4"	*	*	*	*	*	*	*	*	952-75219	
7-1/2"	*	*	*	952-75209	*	952-50090	952-51160	*	*	*

*Other lengths available upon request*

*\*Non Stock Call Jabo Supply*

*Plain Black more readily available*

**FLANGE PACKS / GASKETS / BOLTS**

**BOLTS & NUTS**

*1" 1-1/8" OD*

OD	1"					1-1/8"				
	HEX HEAD MACHINE		STUDS			HEX HEAD MACHINE		STUDS		
TYPE	PLAIN	PLATED	B7		A36	MACHINE	PLATED	B7		A36
FINISH	Black	Zinc	Plain Black		Plated Zinc	Plain Black	Plated Zinc	Plain Black		Plated Zinc
SOLD AS	Bolt Only		Stud Only	Stud W/ 2Nuts		Bolt Only		Stud Only	Stud W/ 2Nuts	
LENGTH	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
2-1/2"	952-50200	952-51165	*	*	*	*	*	*	*	*
3"	*	*	*	*	*	*	*	*	*	*
3-1/2"	*	*	*	*	*	*	*	*	*	*
3-3/4"	*	*	*	*	*	*	*	*	*	*
4"	952-50220	952-51170	*	*	*	*	*	*	*	*
4-1/4"	*	*	*	*	*	*	*	*	*	*
4-1/2"	*	*	*	*	*	*	*	*	*	*
4-3/4"	*	*	*	*	*	*	*	*	*	*
5"	952-50250	952-51175	*	*	952-71095	*	*	*	*	*
5-1/4"	*	*	*	*	*	*	*	*	*	*
5-1/2"	*	*	952-75040	*	*	*	*	*	*	*
6"	*	*	952-75050	*	952-71100	*	*	*	*	*
6-1/4"	*	*	*	*	*	*	*	*	*	*
6-1/2"	*	*	*	*	*	*	*	*	952-75130	*
7"	*	*	*	*	*	*	*	*	*	*
7-1/4"	*	*	*	*	*	*	*	*	*	*
7-1/2"	*	*	*	*	*	*	*	*	952-75150	*
8"	*	*	*	*	*	*	*	*	*	*
8-1/2"	*	*	952-75080	*	952-71105	*	*	*	*	*
9"	*	*	952-75081	*	*	*	*	*	952-75155	*
12"	*	*	*	952-75085	952-71110	*	*	*	*	*

*Other lengths available upon request*

*\*Non Stock Call Jabo Supply*

*Plain Black more readily available*

**FLANGE PACKS / GASKETS / BOLTS**

**BOLTS & NUTS**

*1-1/4" BOLTS & STUDS / NUTS AND WASHERS*

OD	1-1/4"				
TYPE	HEX HEAD MACHINE		STUDS		
	PLAIN	PLATED	B7		A36
FINISH	Black	Zinc	Plain Black		Plated Zinc
SOLD AS	Bolt Only		Stud Only	Stud W/ 2Nuts	
LENGTH	JABO#	JABO#	JABO#	JABO#	JABO#
3"	*	*	*	*	*
3-1/2"	*	*	*	*	*
3-3/4"	*	*	*	*	*
4"	*	*	*	*	*
4-1/4"	*	*	*	*	*
4-1/2"	*	*	*	*	*
4-3/4"	*	*	*	*	*
5"	*	*	*	*	*
5-1/4"	*	*	*	*	*
5-1/2"	*	*	*	*	*
6"	*	*	*	*	*
6-1/4"	*	*	*	*	*
6-1/2"	*	*	*	*	*
7"	*	*	*	*	*
7-1/4"	*	*	*	*	*
7-1/2"	*	*	*	*	*
8"	*	*	*	*	*
8-1/2"	*	*	*	952-75200	*
9"	*	*	*	*	*
12"	*	*	*	*	*
14"	*	*	*	952-75199	*

TYPE	NUTS			WASHERS	
	HEAVY HEX		GR2-H	FLAT	
FINISH	PLAIN	PLATED		PLAIN	PLATED
SIZE	BLACK	ZINC	BLACK	BLACK	ZINC
	JABO#	JABO#	JABO#	JABO#	JABO#
1/4"	952-65940	952-67000	*	952-76200	952-77000
3/8"	952-65960	952-67020	*	952-76220	952-77020
1/2"	952-65980	952-67040	952-75300	952-76240	952-77040
5/8"	952-66000	952-67060	952-75350	952-76260	952-77060
3/4"	952-66020	952-67080	952-75400	952-76280	952-77080
7/8"	952-66040	952-67100	952-75450	952-76300	952-77100
1"	952-66060	952-67102	952-75500	952-76320	952-77120
1-1/8"	*	*	952-75520	952-76330	*
1-1/4"	*	*	952-75540	952-76340	*

*Other lengths available upon request*

*\*Non Stock Call Jabo Supply*

*Plain Black more readily available*

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## MJ ACCESSORIES & RESTRAINTS

**MJ ACCESSORIES & RESTRAINTS**

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IPS Transition	
SDR 35	
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MJ ACCESSORIES & RESTRAINTS

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MJ ACCESSORIES







# MJ ACCESSORIES

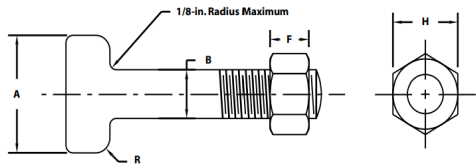
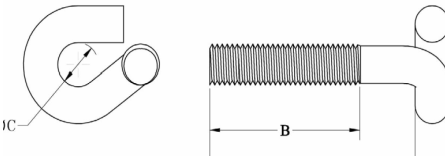

Glands, Gland Packs , Bolt Pack & Gaskets, Bolts, Duc Lugs

**MJ ACCESSORIES & RESTRAINTS**

**MJ ACCESSORIES**

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GLADE ONLY		GLADE & ACCESSORY PACKS			GASKETS			BOLT & GASKET		
DI/IPS		DI	IPS	HDPE	DI		IPS	DI		IPS
										
STOCK		STOCK			STOCK			STOCK		

TEEBOLTS		PIGTAIL		DUC LUGS	
ALLOY STEEL		BLUE	CALL JABO SUPPLY		CALL JABO SUPPLY
					
STOCK		STOCK		STOCK	

MJ ACCESSORIES & RESTRAINTS

MJ ACCESSORIES

TYPE	GLAND ONLY	**GLAND & ACCESSORIES PACK			GASKET			BOLT PACK & GASKET		
FITS SIZE	DI/IPS	DI COMPACT	IPS	***HDPE	DI	IPS TRANSITION	SDR 35	DI	IPS TRANSITION	HYDRANT BOLT PACK (Longer Bolts)
2"	082-19940	082-20000	082-20030	NA	NA	082-20169	NA	082-22500	082-22540	*
3"	082-19941	082-20001	082-20031	029-83030	NA	082-20170	NA	082-22501	082-22541	*
4"	082-19942	082-20002	082-20032	029-83035	082-20155	082-20171	088-60000	082-22502	082-22542	*
6"	082-19943	082-20003	082-20033	029-83040	082-20156	082-20172	088-60001	082-22503	082-22543	082-22520
8"	082-19944	082-20004	082-20034	029-83045	082-20157	082-20173	088-60002	082-22504	082-22544	*
10"	082-19945	082-20005	082-20035	029-83050	082-20158	082-20174	088-60003	082-22505	082-22545	*
12"	082-19946	082-20006	082-20036	029-83055	082-20159	082-20175	088-60004	082-22506	082-22546	*
14"	082-19947	*	*	*	082-20160	*	*	082-22507	*	*
16"	082-19948	082-20008	*	*	082-20161	*	*	082-22508	*	*
18"	082-19949	082-20009	*	*	082-20162	*	*	*	*	*
20"	082-19950	082-20010	*	*	082-20163	*	*	*	*	*
24"	082-19951	*	*	*	*	*	*	*	*	*

BOLT CHART

Item	INDIVIDUAL BOLTS			DUC-LUG	Pipe size (IN)	(QTY) Std size /Length	HDPE w/ MJ Adapter	Range of Torque (ft-lbs)
TYPE	TEE BOLTS WITH NUT	TEE BOLTS BLUE	PIGTAIL EYE BOLT	DUC-LUG				
5/8"X4.5"	082-20190	082-20295	*	<b>083-10630</b>	2	(2) 5/8 X 3	5/8"x5	45-60
5/8"X3"	082-20193	*	*		3	(4) 5/8"x3	5/8" X 4.5	75-90
3/4"X3.5"	082-20194	082-20300	*		4	(4) 3/4"X 3-1/2"	3/4"x5	
3/4"X4.0"	082-20195	*	082-22001	<i>*Call Jabo Supply</i>	6	(6) 3/4"X 3-1/2"		
3/4"X4.5"	082-20196	082-20305	*	<i>NA-Not Available</i>	8	(6) 3/4"X 4"	3/4"x6	
3/4"X5"	082-20197	082-20310	*	<i>**Gland Packs Includes: Gland, Tee Bolt &amp; Gasket</i>	10	(8)3/4"X4"		
3/4X6"	082-20200	*	*	<i>*** FITS both DI and IPS</i>	12	(8)3/4"X 4"	3/4"x7	
3/4"X7"	082-20201	*	*		14	(10)3/4"X 4-1/2"		
					16	(12)3/4"X 4-1/2"		
					18	(12)3/4"X 4-1/2"		
					20	(14)3/4"X 4-1/2"	3/4"x10	
					24	(16)3/4"X 5"		
<i>These torque ranges are requirements of AWWA C600</i>								

MJ ACCESSORIES & RESTRAINTS

---

RESTRAINTS



# RESTRAINTS

Mega Lugs, Grip Rings, Midco, Foster Adapters , Plain End to Flange, Bell Harness Restraints

**MJ ACCESSORIES & RESTRAINTS**

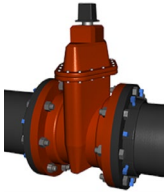
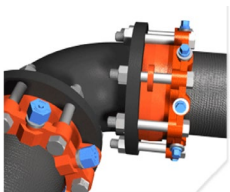
**RESTRAINTS**

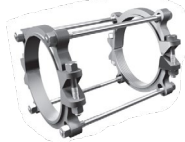
Picture index

DUCTILE IRON PIPE		C900 PIPE RESTRAINTS			IPS PIPE RESTRAINTS		
STAR MEGA LUG	GRIP RINGS	STAR MEGA LUG	GRIP RINGS	MIDCO	STAR MEGA LUG	GRIP RING	MIDCO
DI ONLY	FITS BOTH DI & C900	C900 ONLY	FITS BOTH DI & C900	C900 ONLY	IPS PVC ONLY	IPS PVC ONLY	IPS PVC ONLY
							
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

MJ X MJ
FOSTER ADAPTER
RESTRAINT
MJ TO MJ

<b>STOCK</b>

PLAIN END PIPE TO FLANGE		
EZ SET SCREW	2100 MEGA FLANGE	2100 MEGA FLANGE
NON RESTRAINT	RESTRAINT	RESTRAINT
DI	DI	IPS
		
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

BELL HARNESS
RESTRAINT
C900

<b>STOCK</b>

**MJ ACCESSORIES & RESTRAINTS**

**RESTRAINTS**

DUCTILE IRON PIPE			C900 PVC				IPS PVC			
MODEL	STAR MEGA LUG	GRIP RINGS	MODEL	STAR MEGA LUG	GRIP RINGS	Midco	MODEL	STAR MEGA LUG	GRIP RINGS	Midco
FITS	DI ONLY	DI & C900	FITS	DI ONLY	DI & C900	C900 ONLY	FITS	IPS PVC ONLY	IPS PVC ONL	IPS PVC ONLY
Size	JABO #	JABO #	Size	JABO #	JABO #	JABO #	Size	JABO #	JABO #	JABO #
2"	NA	NA	2"	NA	NA	NA	2"	NA	NA	083-20500
3"	083-10000	NA	3"	083-20000	NA	NA	3"	083-10230	NA	083-20505
4"	083-10001	083-40400	4"	083-10201	083-40400	083-20600	4"	083-10231	083-40600	083-20510
6"	083-10002	083-40401	6"	083-10202	083-40401	083-20605	6"	083-10232	083-40601	083-20515
8"	083-10003	083-40402	8"	083-10203	083-40402	083-20610	8"	083-10233	083-40602	083-20525
10"	083-10004	083-40403	10"	083-10204	083-40403	083-20615	10"	083-10234	083-40603	083-20530
12"	083-10005	083-40404	12"	083-10205	083-40404	083-20620	12"	083-10235	083-40604	083-20535

MJ TO MJ	
MODEL	FOSTER ADAPTERS
FITS	MJXMJ
SIZE	JABO #
2"	*
3"	083-10450
4"	083-10451
6"	083-10452
8"	083-10453
10"	083-10454
12"	083-10455
14"	083-10456

PLAIN END TO FLANGE			
MODEL	EZ SET SCREW	2100 MEGA FLANGE	2100 MEGA FLANGE
TYPE PIPE	DI	DI	IPS
SIZE	JABO #	JABO #	JABO #
2"	*	NA	*
3"	083-10700	083-10380	083-10390
4"	083-10705	083-10381	083-10391
6"	083-10710	083-10382	083-10392
8"	083-10715	083-10383	083-10393
10"	083-10720	083-10384	083-10394
12"	083-10725	083-10385	083-10395
14"	*	*	*
NOTES	NON RESTRAINT	RESTRAINT	RESTRAINT

C900 BELL ENDS	
MODEL	1600 BELL HARNESS
TYPE PIPE	C900
SIZE	JABO #
2"	NA
3"	NA
4"	083-25000
6"	083-25001
8"	083-25002
10"	083-25003
12"	083-25004
14"	*

\*NON STOCK CALL JABO SUPPLY  
NA-NOT AVAILABLE

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## GATE VALVES & HYDRANTS

## GATE VALVES & HYDRANTS

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Spanner Wrench	
T-Handle Wrench	
Stem Extension	
Square Nut	
Handwheel	
Series 85 Fusible Ball Valve	
<b>Call Jabo Supply</b>	

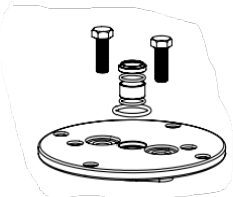




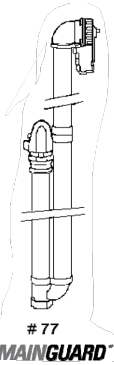

**CALL JABO SUPPLY FOR ALL YOUR VALVE & HYDRANT NEEDS**

## GATE VALVES & HYDRANTS

### PICTURE INDEX

#### GATE VALVES

GATE VALVES						
SERIES 3	SERIES 25	SERIES 45	SERIES 45	SERIES 45	SERIES 45	SERIES 65
NPT X NPT	MJ X MJ	MJ X MJ	FLANGE X FLANGE 150 lb	FLANGE X FLANGE 125 lb	MJ X FLANGE	HYMAX X HYMAX
	<i>Small Diameter</i> 					
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

POST INDICATORS		HYDRANTS		POST FLUSHING HYDRANTS		
POST INDICATOR	POST INDICATOR	DRY BARRELL	WET BARRELL	ECLIPSE	MAINGUARD	AVK #67
PLATE	TELESCOPIC	STOCK HYDRANT	NON STOCK	#2	#77 & 78	#67
						
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NOT IN CATALOG</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

## GATE VALVES & HYDRANTS

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	<b>HYDRANT EXTENSION</b>	<b>HYDRANT REPAIR KIT</b>	<b>TAMPER GUARD</b>	<b>ADJUSTABLE</b>	
					<b>PHOTO NOT AVAILABLE</b>
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>
AVK	AVK	SPANNER WRENCH	T HANDLE WRENCH	STEM EXTENSION	SQUARE NUT
<b>HYDRANT MAIN VALVE</b>	<b>STORZ CAP</b>				
		<b>PHOTO NOT AVAILABLE</b>	<small>MUD SLOTS prevent packing of dirt inside socket</small>		
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>
HAND WHEEL	SERIES 85	<b>CALL JABO SUPPLY FOR ALL YOUR VALVE &amp; HYDRANT NEEDS</b>			
	<b>FUSIBLE BALL VALVES</b>				
					
<b>STOCK</b>	<b>NON STOCK</b>				

## GATE VALVES & HYDRANTS

### AWWA GATE VALVES & HYDRANTS

AVK AWWA GATE VALVES								
SIZE	SERIES 3	SERIES 25	SERIES 45	SERIES 45	SERIES 45	SERIES 65	SQUARE NUT	HANDWHEEL
	NPT X NPT	MJ X MJ	MJ X MJ	FLANGE 150	MJ X FLANGE	HYMAX	ONLY	ONLY
	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1"	135-19997	NA	NA	NA	NA	NA	NA	NA
1-1/4"	135-19998	NA	NA	NA	NA	NA	NA	NA
1-1/2"	135-19999	NA	NA	NA	NA	**135-13030	NA	NA
2"	135-20000	135-00020	NA	NA	NA	NA	NA	NA
2-1/2"	135-20005	NA	NA	NA	NA	135-13035	NA	NA
3"	135-20010	NA	135-00030	135-03000	135-13560	135-13040	**135-20120	NA
4"	NA	NA	135-00040	135-04000	135-13561	135-13050	NA	135-20135
6"	NA	NA	135-00060	135-06000	135-13562	135-13060	135-20125	135-20137
8"	NA	NA	135-00080	135-08000	135-13563	135-13080	NA	135-20139
10"	NA	NA	135-00100	135-10000	135-13564	135-13200	**135-20130	*
12"	NA	NA	135-00120	135-12000	135-13565	135-13250	NA	*
14'	NA	NA	135-00125	NA	NA	NA	NA	*
16"	NA	NA	*	*	*	*	*	*
*NON STOCK								
**FITS MULTIPLE RANGES								
NA-NOT AVAILABLE								

AVK FIRE HYDRANTS			
BURY DEPTH	STD 6" X MJ SHOE	5" MJ SHOE	6" HYMAX SHOE
	JABO#	JABO#	JABO#
3'	135-29995	*	*
3-1/2'	135-30000	*	135-30015
4'	135-30004	135-30008	135-30020
4-1/2'	135-30006	*	*

POST FLUSHING HYDRANTS				
"BLOW OFF HYDRANTS"				
CALL JABO SUPPLY		BURY	SHOE	INLET TYPE
TYPE/MFR	JABO#			
Elclipse#2	135-30080	3'	2"	FIPT
Elclipse#2	135-30085	3'	2"	MJ
Mainguard 77	*	3'	2"	FIPT
Mainguard #78	*	3"	2"	FIPT
AVK #67	135-30100	3'	2"	MJ

TELESCOPIC POST INDICATOR		POST INDICATOR		
VALVE NOT INCLUDED	JABO #	RANGE	JABO PART#	SIZE
	135-20200	20"-43"	135-20145	4"
	135-20205	42"-65"	135-20150	6"
	135-20210	64"-87"	135-20155	8"-16"
	*	86"-109"	FITS 18/45/55/65/85	
	*	104"-127"		
*	126"-149"			

## GATE VALVES & HYDRANTS

### HYDRANT ACCESSORIES

AVK SEAT WRENCH		HYDRANT EXTENSIONS		HYDRANT REPAIR KIT		TAMPER GUARD		HYDRANT WRENCH	
SERIES 27 FOR DRY BARRELL HYDRANTS		SERIES 27 HYDRANT EXTENSION		SERIES 27 HYDRANT REPAIR KIT		SERIES 27 TAMPER GUARD		ADJUSTABLE	
SIZE	JABO#	SIZE	JABO#	SIZE	JABO#	SIZE	JABO#	SIZE	JABO#
NA	135-30110	6"	135-30117	KIT	135-30150	W/O Lock	*	980-00800	15"
		12"	135-30120			With Lock	135-30200		
		18"	135-30124						
		24"	135-30130						

HYDRANT GREASE		MAIN VALVE		STORZ ADAPTERS		SPANNER WRENCH		T-HANDLE WRENCH	
HYDRANT GREASE CARTRIDGE		AVK MAIN VALVE KIT		CAP STORZ ADAPTERS		SPANNER WRENCH		T-HANDLE WRENCH	
SIZE	JABO#	SIZE	JABO#	SIZE	JABO#	SIZE	JABO#	SIZE	JABO#
Cartridge	135-30300	135-30400	Kit	135-31000	5" x 4.5" NH	1-Piece	135-31010	980-01600	6" X 2" NUT DRIVER

STEM EXTENSION	
STEM EXTENSION	
SIZE	JABO#
Top Nut	980-01700
Bottom Coupling	980-01705

SQUARE NUTS		HANDWHEEL	
SERIES 04 WRENCH NUT DUCTILE IRON		FOR AVK SERIES 45, 55, 65, & 66 WITH BOLT AND WASHER	
SIZE	JABO#	SIZE	JABO#
135-20120	2-1/2"-4"	135-20135	4"
135-20125	6"	135-20137	6"
135-20130	8"-12"	135-20139	8"
		135-20141	10"-12"

FUSIBLE BALL VALVES	
SERIES 85	
SIZE	JABO#
2-12"	NON-STOCK

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## VALVE BOXES & ACCESSORIES

## VALVE BOXES & ACCESSORIES

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Bison 2-Piece Plastic Bottom CI Top (Water Lid)	
Bison 2 Piece Plastic Bottom & Top with CI Rim (Water Lid)	
Bison 2 Piece Plastic Bottom & Top with CI Rim (Gas Lid)	
2 Piece Cast Full Cast Iron w slip lid	
3 Piece (with Base) Full Cast Iron (Water Lid)	
Call Jabo Supply	

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Call Jabo Supply	
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Call Jabo Supply	


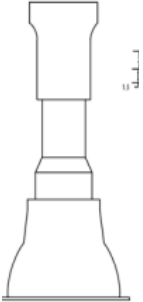
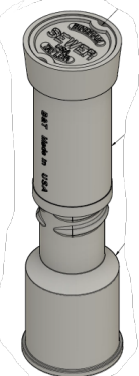


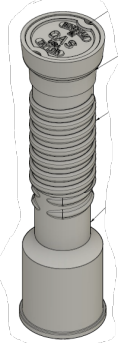
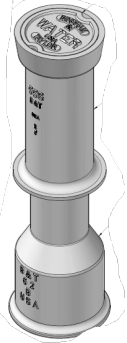
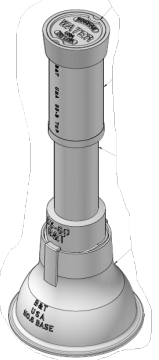
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5-1/4" Dust Plug	
Call Jabo Supply	
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Model 2 Fits Most Others	
Call Jabo Supply	

**CALL JABO SUPPLY FOR ALL YOUR VALVE & HYDRANT NEEDS**



## VALVE BOXES & ACCESSORIES

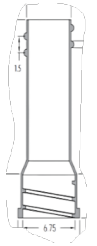
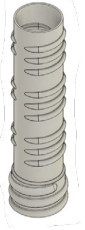
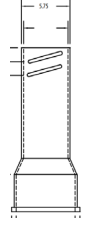
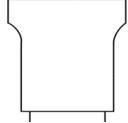
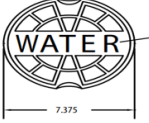
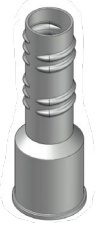
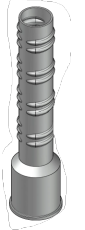





### VALVE BOXES

VALVE BOXES								
Origin	IMPORT		DOMESTIC					
Base	No	CI	No	No	No	No	No	Yes
Bottom	CI	CI	Plastic	Plastic	Plastic	Plastic	CI	CI
Top Section	CI	CI	CI top	CI Top	Plastic /CI Rim	Plastic /CI Rim	CI	CI
Lid	Water	Water	Sewer	Water	Water	Gas	Water	Water
<b>VALVE BOXES</b>								
							<b>W/LID SLIP</b>	
<b>Size</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>
22"-28"					135-61015			
31"-36"							135-60500	
27"-37"	135-40000		135-61010	135-61000	135-61020	135-61050		
39"-50"	135-40002	135-39000		135-61001				
42"-54"								135-60200

Sizes may vary depending on manufacturer

**VALVE BOXES & ACCESSORIES**

**ACCESSORIES**

EXTENSIONS			REPLACEMENT PARTS CI				RISERS	
EXTENSIONS	CI	Plastic	SOLD SEPARATELY	BOTTOM	TOP	LID	RISERS	RISERS
								
SIZE	JABO#	JABO#	NAME	JABO#	JABO#	JABO#	SIZE	JABO#
14"	135-40150		Bottom	135-41100			1"	135-41010
18"	135-40155		Top		135-40001		1-1/2"	135-41015
24"	135-40160	135-61100	Sewer Lid			135-40005	2"	135-41020
30"	135-40165		Water Lid			135-40006	2-1/2"	135-41025
			Gas Lid			135-40010	3"	135-41030
							4"	135-41040
							5"	135-41050
							6"	135-41060
							8"	135-41080
BISON BOTTOM SECTION			ACCESSORIES				VALVE BOX ALIGNMENT DEVICE	
BISON			LID LIFTER Extension	VALVE BOX Lock	LID LIFTER	5-1/4" DUST PLUG		
	SIZE	JABO#	JABO#	26"				Model 1 fits AVK , Model 2 fits most others
24"	135-61110		JABO#	JABO#	JABO#	JABO#	*MODEL 1	MODEL 2
36		135-61150	980-01020	980-01000	980-01010	980-01100	980-01400	*

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

**REPAIR CLAMPS  
COUPLINGS  
SADDLES**

**CLAMPS / COUPLINGS / SADDLES**

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**SADDLES / TAPPING SLEEVES**

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## REPAIR CLAMPS

### OD PIPE CHART

JABO SUPPLY DOES NOT WARRANTY  
FOR RECOMMENDATION ONLY

## OD PIPE CHART

STEEL PIPE & STEEL SIZE PVC					COPPER TUBING		DI, C900. CAST IRON		ASBESTOS PIPE					
NOM. SIZE	STD (SCH 40)	NOM. SIZE	STD (SCH 40)	NOM. SIZE	PIPE O.D. (")	NOM. SIZE	PIPE O.D. (")	SIZE (")	CLASS	AC TRANITE		AC SIMPLEX		
										ME	RB MIN-MAX	ME	RB MIN-MAX	
1/2"	0.84	4"	4.50	3/8"	0.56	6"	6.90	4	100	4.64	4.79-5.14	4.70	4.95	
3/4"	1.05	4-1/2"	5.00	1/2"	0.63	8"	9.05		150	4.81	4.97-5.27	4.85	5.10	
1"	1.32	5"	5.56	5/8"	0.75	10"	11.10		200	4.81	5.22-5.77	5.20	5.45	
1-1/4"	1.66	6"	6.63	3/4"	0.88	12"	13.20	6	100	6.91	7.05-7.40	6.76	7.01	
1-1/2"	1.90	8"	8.63	1"	1.13	14"	15.30		150	6.91	7.07-7.37	6.95	7.20	
2"	2.38	9"	9.63	1-1/4"	1.38				200	6.91	7.26-7.56	7.50	7.75	
2-1/2"	2.88	10"	10.75	1-1/2"	1.63			8	100	9.11	9.22-9.57	8.80	9.13	
3"	3.50	12"	12.75	2"	2.13				150	9.11	9.27-9.57	9.15	9.40	
3-1/2"	4.00	14"	14.00	2-1/2"	2.63				200	9.11	9.39-9.74	9.76	10.01	
<b>STD (SCH 40) STEEL PIPE 14" ABOVE THE NOMINAL SIZE IS THE O.D) (16=16.00 OD ,,ETC</b>					3"	3.13			10	100	11.24	11.42--11.77	11.18	11.43
					4"	4.13				150	11.66	11.82-12.12	11.70	11.95
					5"	5.13				200	11.66	11.77-12.12	12.20	12.45
					6"	6.13			12	100	13.44	13.69-14.04	13.36	13.61
										150	13.92	14.08-14.38	13.96	14.21
										200	13.92	14.03-14.38	14.46	14.72
									14	100	15.07	15.40-15.80	15.56	15.94
										150	16.22	16.38-16.73	16.26	16.64
										200	16.22	16.48-16.88	16.88	17.26

PIT CAST				
NOM. SIZE	PIT CAST PIPE ONLY			
	CLASS A	CLASS B	CLASS C	CLASS C
3"	3.8	3.96	3.96	3.96
4"	4.8	5.00	5.00	5.00
6"	6.9	7.1	7.1	7.1
8"	9.05	9.05	9.3	9.3
10"	11.1	11.1	11.4	11.4
12"	13.2	13.2	13.5	13.5
14"	15.3	15.3	15.65	15.65
16"	17.4	17.4	17.8	17.8



## REPAIR CLAMPS

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# REPAIR CLAMPS







## REPAIR CLAMPS

### Picture Index

REDI CLAMPS / PATCH CLAMPS		STANDARD DIAMETER FULL CIRCLE REPAIR CLAMPS				WIDE RANGE
		0.04 OD RANGE				0.08
<b>SMITH BLAIR</b>	<b>SMITH BLAIR</b>	Smith Blair	Smith Blair	Smith Blair	Smith Blair	DRESSER/TPS
244	245	226	227	228	261	QCRS
Full Circle Redi Clamp	Redi Clamp	Single Band	Double Band	Large Diameter Pipe	SS Fab Lugs	WIDE RANGE
						
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

BELL JOINT LEAK CLAMPS	
<i>NOT FOR PVC</i>	<i>CALL JABO</i>
<b>SMITH BLAIR</b>	TPS
274	Ultra Sleeve
Bell Leak Clamp	Wide Range Leak Clamp
	
<b>STOCK</b>	<b>STOCK</b>

FULL CIRCLE CLAMP WITH OUTLET		
.04 OD	.04 OD	.08 OD
<b>SMITH BLAIR</b>	<b>SMITH BLAIR</b>	DRESSER/TPS
238	264	QCRS
Full Circle W/Outlet	Full Circle W/Outlet	Wide Range
		
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

REPAREX
Ratchet Straps

<b>STOCK</b>

## REPAIR CLAMPS

### 244 REDI CLAMP / 245 PATCH CLAMP

244 REDI CLAMP FULL CIRCLE					
SIZE	OD	PIPE	LENGTH		
INCHES	RANGE		3	6	12
1/2"	0.63	CTS	073-07746	073-07754	NA
	.84	IPS	073-07762	073-07770	*
3/4"	0.88	CTS	073-07786	073-07794	NA
	1.05	IPS	073-07802	073-07810	*
1"	1.13	CTS	073-07826	073-07834	NA
	1.32	IPS	073-07842	073-07850	073-07858
1 1/4"	1.38	CTS	073-07866	073-07874	NA
	1.66	IPS	073-07898	073-07906	073-07914
1-1/2"	1.63	CTS	073-07882	073-07890	NA
	1.90	IPS	073-07922	073-07930	073-07938
2"	2.13	CTS	073-07946	073-07954	NA
	2.38	IPS	074-07962	073-07970	073-07978




245 PATCH CLAMP (not full circle)					
SIZE	OD RANGE	LENGTH (INCHES) W/ LOW ALLOY BOLTS & NUTS			
(INCHES)	(INCHES)	3	6	9	12
1/2	0.84	*	073-07994	NA	NA
3/4	1.05	073-08002	073-08010	NA	NA
1	1.32	073-08018	073-08026	NA	NA
1-1/4	1.66	073-08034	073-08042	NA	NA
1-1/2	1.90	073-08050	073-08058	NA	NA
2	2.0	*	*	NA	NA
2	2.38	073-08082	073-08090	*	*
	2.88	073-08114	073-08122	*	*
3	3.0	*	*	*	*
	3.50	073-08178	073-08186	*	*
3-1/2-4	4.00	*	*	*	*
	4.25	*	*	*	*
4	4.50	073-08258	073-08266	073-08274	*
	5.00	*	*	*	*
5	5.56	*	073-08326	*	*
	6.00	*	*	*	*
6	6.25	*	*	*	*
	6.63	073-08386	073-08394	073-08402	073-08410
8	8.00	*	*	*	*
	8.63	*	073-08458	073-08466	*
10	10.00	*	*	*	*
	10.75	*	*	073-08518	*
12	12.00	*	*	*	*
	12.75	*	*	*	*

**ELECTRO GALVANIZED BOLTS STD**  
**SS BOLTS AVAILABLE UPON REQUEST**






## REPAIR CLAMPS

### 226 FULL CIRCLE SINGLE BAND

226 FULL CIRCLE SINGLE BAND	CALL JABO SUPPLY		LENGTH (INCHES) W/ LOW ALLOY BOLTS & NUTS						
	SIZE (INCHES)	OD RANGE (INCHES)	7.5 JABO#	10 JABO#	12.5 JABO#	15 JABO#	20 JABO#	24 JABO#	30 JABO#
 	2	2.35-2.63	073-01622	073-01630	073-01638	073-01646	NA	NA	NA
	2 1/4-2 1/2	2.70-3.00	073-01654	*	073-01670	*	NA	NA	NA
	3	2.97-3.25	*	*	*	*	NA	NA	NA
		3.46-3.70	073-01718	*	073-01734	073-01742	NA	NA	NA
	3-4	3.73-4.00	*	*	*	*	*	*	*
		3.96-4.25	*	*	*	*	NA	NA	NA
	4	4.45-4.73	073-01814	073-01822	073-01830	073-01838	NA	NA	NA
4	4.74-5.14	073-01846	073-01854	073-01862	073-01870	073-01878	*	*	
* NON STOCK CALL JABO SUPPLY	4-5	4.95-5.35	073-01902	073-01910	073-01918	073-01926	073-01934	*	*
		5.22-5.62	*	*	*	*	*	*	*
ABOVE CLAMPS / LOW ALLOY BOLTS & NUTS	6	5.95-6.35	*	*	*	*	*	*	*
		6.56-6.96	073-02066	073-02074	073-02082	073-02090	073-02098	*	*
STAINLESS STEEL BOLTS & NUTS ARE AVAILABLE UPON REQUEST	6	6.84-7.24	073-02122	073-02130	073-02138	073-02146	073-02154	*	*
		7.05-7.45	073-02178	073-02186	073-02194	073-02202	073-02210	*	*
	8	7.45-7.85	*	*	*	*	*	*	*
		7.95-8.35	*	*	*	*	*	*	*
		8.54-8.94	073-02346	073-02354	073-02362	073-02370	073-02378	*	*
	8-10	8.99-9.39	073-02402	073-02410	073-02418	073-02426	073-02434	*	*
		9.27-9.67	073-02458	073-02466	073-02474	073-02482	073-02490	*	*
		9.70-10.10	*	*	*	*	*	*	*
	10	10.64-11.04	073-02566	073-02574	073-02582	073-02590	073-02598	*	*
		11.04-11.44	073-02622	073-02630	073-02638	073-02646	073-02654	*	*
		11.34-11.74	073-02678	073-02686	073-02694	073-02702	073-02710	*	*
		11.75-12.15	073-02734	073-02742	073-02750	073-02758	073-02766	*	*
	10-12	12.00-12.40	*	*	*	*	*	*	*
	12	12.62-13.02	073-02846	073-02854	073-02862	073-02870	073-02878	*	*
13.10-13.50		073-02902	073-02910	073-02918	073-02926	073-02934	*	*	
13.40-13.80		*	*	*	*	*	*	*	
12-14	13.70-14.10	073-03014	073-03022	073-03030	073-03038	073-03046	073-03054	*	
12	14.00-14.40	073-03074	073-03082	073-03090	073-03098	073-03106	*	*	




## REPAIR CLAMPS

### 227 FULL CIRCLE DOUBLE BAND

<b>227 FULL CIRCLE DOUBLE BAND</b>    	CALL JABO SUPPLY		SIZE (INCHES) W/ LOW ALLOY BOLTS & NUTS						
	SIZE	OD RANGE	7.5	10	12.5	15	20	24	30
	(INCHES)	(INCHES)	JABO #	JABO #	JABO #	JABO #	JABO #	JABO #	JABO #
	3	3.49-4.29	*	*	NA	*	*	*	*
	4	4.44-5.24	NA	*	NA	*	*	*	*
		4.74-5.57	NA	*	NA	*	*	*	*
	6	6.62-7.42	NA	*	NA	*	*	*	*
		6.84-7.64	NA	*	NA	*	*	*	*
	8	8.62-9.42	NA	*	NA	*	*	*	*
		8.99-9.79	NA	*	NA	*	*	*	*
	10	10.75-11.55	NA	*	NA	*	*	*	*
		11.10-11.90	NA	*	NA	*	*	*	*
	10	11.60-12.40	NA	*	NA	*	*	*	*
	12	12.75-13.55	NA	*	NA	*	*	*	*
		13.20-14.00	NA	*	NA	*	*	*	*
		13.14-14.34	NA	*	NA	*	*	*	*
		13.65-14.45	NA	*	NA	*	*	*	*
		13.65-14.85	NA	*	NA	*	*	*	*
<p><b>* NON STOCK CALL JABO SUPPLY</b></p> <p>ABOVE CLAMPS W/ LOW ALLOY BOLTS &amp; NUTS</p> <p>STAINLESS STEEL BOLTS &amp; NUTS ARE AVAILABLE UPON REQUEST</p> <p>OTHER SIZES ARE AVAILABLE UPON REQUEST</p>									

## REPAIR CLAMPS

### 228 FULL CIRCLE LARGE DIAMETER

228 FULL CIRCLE LARGE DIAMETER	JABO SUPPLY		SIZE (INCHES) W/ LOW ALLOY BOLTS & NUTS							
	SIZE	OD RANGE	7.5	10	12.5	15	20	24	30	
	(INCHES)	(INCHES)	JABO #	JABO #	JABO #	JABO #	JABO #	JABO #	JABO #	
 	DOUBLE BAND	14.38 - 15.13	*	*	*	*	*	*	*	
		15.07 - 15.82	*	*	*	*	073-03714	*	*	
		15.92 - 16.67	*	*	*	*	073-03738	073-03743	*	*
		16.56 - 17.31	*	*	*	*	*	*	*	*
		17.15 - 17.90	*	*	*	*	*	073-03802	*	*
		17.82 - 18.57	*	*	*	*	*	*	*	*
		18.46 - 19.21	*	*	*	*	*	*	*	*
		19.23 - 19.98	*	*	*	*	*	*	*	*
		19.90 - 20.65	*	*	*	*	*	*	*	*
		20.70 - 21.45	*	*	*	*	*	*	*	*
		21.52 - 22.27	*	*	*	*	*	*	*	*
		22.12 - 22.87	*	*	*	*	*	*	*	*
		22.90 - 23.65	*	*	*	*	*	*	*	*
			TRIPLE BAND	23.28 - 24.38	*	*	*	*	*	*
24.38 - 25.48	*			*	*	*	*	*	*	
25.70 - 26.80	*			*	*	*	*	*	*	
26.48 - 27.58	*			*	*	*	*	*	*	
27.65 - 28.75	*			*	*	*	*	*	*	
28.73 - 29.83	*			*	*	*	*	*	*	
29.62 - 30.72	*	*	*	*	*	*	*			



**\* NON STOCK CALL JABO SUPPLY**

ABOVE CLAMPS / LOW ALLOY BOLTS & NUTS

STAINLESS STEEL BOLTS & NUTS ARE AVAILABLE UPON REQUEST




## REPAIR CLAMPS

### 261 SS FABRICATED LUGS

261 SS FABRICATED LUGS	CALL JABO SUPPLY		SIZE (INCHES) W/ LOW ALLOY BOLTS & NUTS						
	SIZE	OD RANGE	7.5	10	12.5	15	20	24	30
SINGLE BAND	(INCHES)	(INCHES)	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
 	2	2.35-2.63	*	*	*	*	NA	NA	NA
	2 1/4-2 1/2	2.70-3.00	*	*	*	*	NA	NA	NA
	3	2.97-3.25	*	*	*	*	NA	NA	NA
		3.46-3.70	*	*	*	*	NA	NA	NA
	3-4	3.73-4.00	*	*	*	*	NA	NA	NA
		3.96-4.25	*	*	*	*	NA	NA	NA
	4	4.45-4.73	073-09310	*	073-09318	*	NA	NA	NA
	4	4.74-5.14	073-09326	*	073-09334	*	*	NA	NA
	4-5	4.95-5.35	*	*	*	*	*	NA	NA
		5.22-5.62	*	*	073-09340	*	*	NA	NA
	6	5.95-6.35	*	*	*	*	*	NA	NA
		6.56-6.96	073-09398	*	073-09406	*	*	*	*
		6.84-7.24	073-09426	*	073-09434	*	*	*	*
		7.05-7.45	073-09400	*	*	*	*	*	*
	8	7.45-7.85	*	*	*	*	*	*	*
7.95-8.35		*	*	*	*	*	*	*	
8.54-8.94		073-09534	*	073-09542	*	*	*	*	
8-10	8.99-9.39	073-09562	*	073-09570	*	*	*	*	
	9.27-9.67	*	*	*	*	*	*	*	
	9.70-10.10	*	*	*	*	*	*	*	
10	10.64-11.04	*	*	073-09654	*	*	*	*	
	11.04-11.44	*	*	073-09682	*	*	*	*	
	11.34-11.74	*	*	*	*	*	*	*	
	11.75-12.15	*	*	*	*	*	*	*	
10-12	12.00-12.40	*	*	*	*	*	*	*	
12	12.62-13.02	*	*	*	*	*	*	*	
	13.10-13.50	*	*	073-09822	*	*	*	*	
	13.40-13.80	*	*	*	*	*	*	*	
* NON STOCK CALL JABO SUPPLY				ABOVE CLAMPS W/ LOW ALLOY BOLTS & NUTS					

## REPAIR CLAMPS

### WIDE RANGE CLAMPS



QUICK CAM EXTENDED RANGE	CALL JABO SUPPLY		SIZE (INCHES)								
	SIZE (INCHES)	OD RANGE (INCHES)	7.5 JABO#	10 JABO#	12 JABO#	15 JABO#	20 JABO#	24 JABO#	30 JABO#	48 JABO#	
 	3	3.46-4.26	*	*	*	*	*	*	*	*	
	4	4.45-5.13	074-54192	*	074-54456	074-55244	*	074-56028	*	*	
	4 os	4.74-5.61	*	*	*	*	*	*	*	*	
	6	6.55-7.42	074-54260	*	074-54652	074-55432	*	*	*	*	
	6 os	6.84-7.65	*	*	*	*	*	*	*	*	
	8	8.54-9.44	074-54300	*	074-54772	074-55560	074-55996	074-56064	*	*	
	8 os	8.98-9.84	*	*	*	*	*	*	*	*	
	10	10.64-11.46	*	*	074-54896	074-55684	*	*	*	*	
	10 os	11.34-12.16	*	*	*	*	*	*	*	*	
	12	12.62-13.56	*	*	074-55016	074-55808	*	*	*	*	
	12os	13.65-14.42	*	*	*	*	*	*	*	*	
	<p>All stainless steel construction or with epoxy coated ductile iron lug</p> 	Double Panel Ranges	14.75-16.24	*	*	*	*	*	*	*	*
15.87-17.37			*	*	*	*	*	*	*	*	*
16.80-18.30			*	*	*	*	*	*	*	*	*
17.92-19.42			*	*	*	*	*	*	*	*	*
18.88-20.35			*	*	*	*	*	*	*	*	*
19.89-21.38			*	*	*	*	*	*	*	*	*
20.99-22.49			*	*	*	*	*	*	*	*	*
21.87-23.36			*	*	*	*	*	*	*	*	*
22.65-24.15			*	*	*	*	*	*	*	*	*
23.27-24.77			*	*	*	*	*	*	*	*	*
24.94-26.43			*	*	*	*	*	*	*	*	*
25.88-27.38	*	*	*	*	*	*	*	*	*		


\*NON STOCK CALL JABO SUPPLY

OS -Over Sized Normally does not catch IPS but will catch AC Pipe (Check OD)

## REPAIR CLAMPS

### BELL LEAK CLAMPS

274 BELL LEAK CLAMP	SIZE / OD RANGE		SHORT BELL				LONG BELL			
			BOLT SIZE (INCHES)				BOLT SIZE (INCHES)			
NOT FOR PVC PIPE	CALL JABO SUPPLY		BOLT TYPE		BOLT SIZE & #		BOLT TYPE		BOLT SIZE & #	
  FITS DUCTILE IRON, C900, C905	SIZE (INCHES)	OD RANGE (INCHES)	ALLOY JABO #	STAINLESS JABO #	**BOLT SIZE	#BOLTS	ALLOY JABO #	STAINLESS JABO #	***BOLT SIZE	#BOLTS
	2+	2.5	*	*	1/2 x 7	4	NA	NA	NA	NA
	3+	3.80-3.96	*	*	5/8 x 9	4	NA	NA	NA	NA
	4+	4.80-5.00	073-12062	073-12066	5/8 x 9	4	*	*	5/8 x 17	4
	6	6.90-7.10	073-12070	073-12074	5/8 x 9	4	*	*	5/8 x 17	4
	8	9.05-9.30	073-12078	073-12082	5/8 x 10 1/2	6	*	*	5/8 x 17	6
	10	11.10-11.40	073-12086	073-12090	5/8 x 10 1/2	6	*	*	5/8 x 17	6
	12	13.20-13.50	073-12094	073-12098	5/8 x 11	6	*	*	5/8 x 17	6
	<b>AVAILABLE UPTO 36"</b>		<b>*Non Stock Call Jabo Supply</b>				<b>*Non Stock Call Jabo Supply</b>			
			<b>**Short Bell = Studs</b>				<b>***Long Bell = 12" of Threads</b>			
<b>•Available with Bias Cut Gasket Only</b>										

ULTRA SLEEVE	SIZE	OD	JABO PART#
	2"	2.35-3.13	074-58555
	4"	4.45-5.61	074-58556
	6"	6.55-7.65	074-58560
	8"	8.54-9.84	074-58564
	10"	10.64-11.46	074-58568
	10"	11.34-12.16	074-58570
	12"	12.62-13.56	074-58572
	12"	13.42-14.45	074-58574

**WILL ENCAPSULATES MOST REPAIR CLAMPS INCLUDING HYMAX**

SAVES TIME AND MONEY BY NOT HAVING TO SHUT WATER OFF TO MAKE THE REPAIR



**REPAIR CLAMPS**

*QUICK CAM REPAIR CLAMP WITH CC OUTLET*

**QUICK CAM REPAIR CLAMP WITH OUTLET**

*CC OUTLET*



JABO #	PIPE SIZE	OD RANGE	OUTLET SIZE	LENGTH
074-54196	4"	4.72-5.13	3/4"	7.5"
074-54197	4"		1"	7.5"
*	6"	6.55-7.42	3/4"	7.5"
074-54269			1"	7.5"
074-54812	8"	8.54-9.44	3/4"	12"
074-54780			1"	12"

**ADDITIONAL SIZES, OD RANGE, OUTLETS AND LENGTH AVAILABLE UPON REQUEST**

Nominal Diameter	Lower Diameter	Upper Diameter	CTS	IPS	DIP	Pit Cast	AC100	AC150	AC200
2	2.35	2.63	2.63	2.38		2.50			
2-1/2	2.70	3.00		2.88					
3	3.42	4.26	4.13	3.50	3.96		3.95	4.13	4.18
4	4.45	5.13	5.13	4.50	4.80	5.00			
4 o.s.	4.74	5.61			4.80	5.00	5.26	5.32	5.57
5	5.50	6.20	6.13	5.56					5.57
6	6.55	7.42		6.63	6.90	7.10	7.40	7.37	
6 o.s.	6.84	7.65			6.90	7.10	7.40	7.37	7.60
8	8.54	9.44		8.63	9.05	9.30			
8 o.s.	8.98	9.84			9.05	9.30	9.57	9.62	9.79
10	10.64	11.46		10.75	11.10	11.40			
10 o.s.	11.34	12.16				11.40	11.77	12.12	12.12
12	12.62	13.56		12.75	13.20	13.50			
12 o.s.	13.65	14.42		14.00			14.04	14.38	14.38



## REPAIR CLAMPS

### 238 FULL CIRCLE CC OUTLET CLAMP

#### PIPE RANGE 3"-6" WITH CC OUTLET

#### PIPE RANGE 8"-12" WITH CC OUTLET

CALL JABO SUPPLY			CC OUTLET					CALL JABO SUPPLY			CC OUTLET				
SIZE	LENGTH	RANGE	3/4"	1"	1-1/4"	1-1/2"	2"	SIZE	LENGTH	RANGE	3/4"	1"	1-1/4"	1-1/2"	2"
(")	(")	(")	JABO#	JABO#	JABO#	JABO#	JABO#	(")	(")	(")	JABO#	JABO#	JABO#	JABO#	JABO#
<b>3</b>	7.5	3.46-3.70	*	*	NA	NA	NA	<b>8</b>	7.5	8.54-8.94	*	*	*	*	*
	10		NA	NA	NA	NA	NA		10		NA	NA	*	*	*
	12.5		*	*	NA	NA	NA		12.5		*	*	*	*	*
	15		NA	NA	NA	NA	NA		15		NA	NA	*	*	*
<b>3-4</b>	7.5	3.73-4.00	*	*	NA	NA	NA	<b>8</b>	7.5	8.99-9.39	*	*	*	*	*
	10		NA	NA	NA	NA	NA		10		NA	NA	*	*	*
	12.5		*	*	NA	NA	NA		12.5		073-05778	073-05786	*	*	073-05798
	15		NA	NA	NA	NA	NA		15		NA	NA	*	*	*
<b>3</b>	7.5	3.96-4.25	*	*	NA	NA	NA	<b>10</b>	7.5	10.64-11.0	*	*	*	*	*
	10		NA	NA	NA	NA	NA		10		*	*	*	*	*
	12.5		*	*	NA	NA	NA		12.5		*	*	*	*	*
	15		NA	NA	NA	NA	NA		15		*	*	*	*	*
<b>4</b>	7.5	4.45-4.73	*	*	*	*	*	<b>10</b>	7.5	11.04-11.44	*	*	*	*	*
	10		NA	NA	*	*	*		10		*	*	*	*	*
	12.5		*	*	*	*	*		12.5		073-06090	070-06098	*	*	*
	15		NA	NA	*	*	*		15		*	*	*	*	*
<b>4</b>	7.5	4.74-5.14	*	*	*	*	*	<b>12</b>	7.5	12.62-13.02	*	*	*	*	*
	10		NA	NA	*	*	*		10		*	*	*	*	*
	12.5		073-04954	073-04962	*	*	*		12.5		*	*	*	*	*
	15		NA	NA	*	*	*		15		*	*	*	*	*
<b>6</b>	7.5	6.56-6.96	*	*	*	*	*	<b>12</b>	7.5	13.10-13.50	*	*	*	*	*
	10		NA	NA	*	*	*		10		*	*	*	*	*
	12		*	*	*	*	*		12.5		073-06386	073-06394	*	*	*
	15		NA	NA	*	*	*		15		*	*	*	*	*
<b>6</b>	7.5	6.84-7.24	*	*	*	*	*	NA-NOT AVAILABLE							
	10		NA	NA	*	*	*	* NON STOCK							
	12.5		073-05374	073-05382	*	*	*	CALL JABO SUPPLY FOR ALL YOUR 238 NEEDS							
	15		NA	NA	*	*	*								

## REPAIR CLAMPS

### 238 FULL CIRCLE OUTLET NPT CLAMP

PIPE RANGE 3"-6" WITH NPT OUTLET								PIPE RANGE 8"-12" WITH NPT OUTLET							
SIZE	LENGTH	RANGE	NPT OUTLET					SIZE	LENGTH	RANGE	NPT OUTLET				
(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"	(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"
3	7.5	3.46-3.70	*	*	NA	NA	NA	8	7.5	8.54-8.94	*	*	*	*	*
	10		NA	NA	NA	NA	NA		NA		NA	*	*	*	
	12		*	*	NA	NA	NA		*		*	*	*	*	
	15		NA	NA	NA	NA	NA		073-05630		NA	*	*	073-05650	
3-4	7.5	3.73-4.00	*	*	NA	NA	NA	8	7.5	8.99-9.39	*	*	*	*	*
	10		NA	NA	NA	NA	NA		NA		NA	*	*	*	
	12		*	*	NA	NA	NA		*		*	*	*	073-05798	
	15		NA	NA	NA	NA	NA		NA		NA	*	*	*	
4	7.5	3.96-4.25	*	*	NA	NA	NA	10	7.5	10.64-11.0	*	*	*	*	*
	10		NA	NA	NA	NA	NA		*		*	*	*	*	
	12		*	*	NA	NA	NA		*		*	*	*	*	
	15		NA	NA	NA	NA	NA		*		*	*	*	*	
4	7.5	4.45-4.73	*	*	*	*	*	10	7.5	11.04-11.44	*	*	*	*	*
	10		*	NA	*	*	*		*		*	*	*	*	
	12.5		*	*	*	073-04762	*		*		*	*	*	073-06102	
	15		NA	NA	*	*	*		*		*	*	*	*	
4	7.5	4.74-5.14	*	*	*	*	*	12	7.5	12.62-13.02	*	*	*	*	*
	10		073-04902	NA	*	*	*		*		*	*	*	*	
	12.5		*	*	*	*	*		073-04974		*	*	*	*	*
	15		073-05010	NA	*	*	*		*		*	*	*	*	*
6	7.5	6.56-6.96	*	*	*	*	*	12	7.5	13.10-13.50	*	*	*	*	*
	10		NA	NA	*	*	*		*		*	*	*	*	
	12		*	*	*	*	*		*		*	*	*	073-06402	
	15		073-05218	NA	*	*	*		*		*	*	*	*	*
6	7.5	6.84-7.24	*	*	*	*	*	NA-NOT AVAILABLE * NON STOCK  CALL JABO SUPPLY FOR ALL YOUR 238 NEEDS							
	10		NA	NA	*	*	*								
	12.5		*	*	*	*	073-05394								
	15		NA	NA	*	*	073-05238								

**REPAIR CLAMP**

**264 FULL CIRCLE REPAIR CLAMP WITH CC OUTLET**

All Stainless Steel, Fabricated Lugs, Single Band

PIPE SIZES 3"-4" (CC OUTLET)								PIPE SIZES 6"-8" (CC OUTLET)							
JABO SUPPLY			CC OUTLET					JABO SUPPLY			CC OUTLET				
SIZE	LENGTH	RANGE	3/4"	1"	1-1/4"	1-1/2"	2"	SIZE	LENGTH	RANGE	3/4"	1"	1-1/4"	1-1/2"	2"
(")	(")	(")	JABO#	JABO#	JABO#	JABO#	JABO#	(")	(")	(")	JABO#	JABO#	JABO#	JABO#	JABO#
3	7.5	3.46-3.70	*	*	NA	NA	NA	6	7.5	6.56-6.96	*	*	*	*	*
	10		*	*	NA	NA	NA		*		*	*	*	*	
	12		*	*	NA	NA	NA		*		*	*	*	*	
	15		*	*	NA	NA	NA		*		*	*	*	*	
3-4	7.5	3.73-4.00	*	*	NA	NA	NA	6	7.5	6.84-7.24	*	*	*	*	*
	10		*	*	NA	NA	NA		*		*	*	*	*	
	12		*	*	NA	NA	NA		*		*	*	*	*	
	15		*	*	NA	NA	NA		*		*	*	*	*	
4	7.5	3.96-4.25	*	*	NA	NA	NA	8	7.5	8.54-8.94	*	*	*	*	*
	10		*	*	NA	NA	NA		*		*	*	*	*	
	12		*	*	NA	NA	NA		*		*	*	*	*	
	15		*	*	NA	NA	NA		*		*	*	*	*	
4	7.5	4.45-4.73	073-10454	*	*	*	*	8	7.5	8.99-9.39	*	*	*	*	*
	10		*	*	*	*	*		*		*	*	*	*	
	12.5		073-10510	*	*	*	*		*		*	*	*	*	
	15		*	*	*	*	*		*		*	*	*	*	
4	7.5	4.74-5.14	073-10562	073-10570	*	*	*	NA-NOT AVAILABLE * NON STOCK  CALL JABO SUPPLY FOR ALL YOUR 238 NEEDS							
	10		*	*	*	*	*								
	12.5		073-10622	073-10630	*	*	*								
	15		*	*	*	*	*								



**REPAIR CLAMP**

264 FULL CIRCLE REPAIR CLAMP WITH NPT OUTLET

All Stainless Steel, Fabricated Lugs, Single Band

PIPE SIZES 3"-4" ( NPT OUTLET )								PIPE SIZES 6"-8" ( NPT OUTLET )							
CALL JABO SUPPLY			NPT OUTLET					CALL JABO SUPPLY			NPT OUTLET				
SIZE	LENGTH	RANGE	3/4"	1"	1-1/4"	1-1/2"	2"	SIZE	LENGTH	RANGE	3/4"	1"	1-1/4"	1-1/2"	2"
(")	(")	(")	JABO#	JABO#	JABO#	JABO#	JABO#	(")	(")	(")	JABO#	JABO#	JABO#	JABO#	JABO#
3	7.5	3.46-	*	*	NA	NA	NA	6	7.5	6.56-	*	*	*	*	*
	10		*	*	NA	NA	NA		10		*	*	*	*	*
	12	3.70	*	*	NA	NA	NA		12	6.96	*	*	*	*	*
	15	*	*	NA	NA	NA	15		*	*	*	*	*	*	
3-4	7.5	3.73-	*	*	NA	NA	NA	6	7.5	6.84-	*	*	*	*	*
	10		*	*	NA	NA	NA		10		7.24	*	*	*	*
	12	4.00	*	*	NA	NA	NA		12.5	*	*	*	*	*	
	15	*	*	NA	NA	NA	15		*	*	*	*	*	*	
4	7.5	3.96-	*	*	NA	NA	NA	8	7.5	8.54-	*	*	*	*	*
	10		*	*	NA	NA	NA		10		8.94	*	*	*	*
	12	4.25	*	*	NA	NA	NA		12.5	*	*	*	*	*	
	15	*	*	NA	NA	NA	15		*	*	*	*	*	*	
4	7.5	4.45-	*	*	*	*	*	8	7.5	8.99-	*	*	*	*	*
	10		*	*	*	*	*		10		9.39	*	*	*	*
	12.5	4.73	*	*	*	*	*		12.5	*	*	*	*	*	
	15	*	*	*	*	*	*		15	*	*	*	*	*	
4	7.5	4.74-	*	*	*	*	*	NA-NOT AVAILABLE * NON STOCK  CALL JABO SUPPLY FOR ALL YOUR 238 NEEDS							
	10		*	*	*	*	*								
	12.5	5.14	*	*	*	*	073-10646								
	15	*	*	*	*	*	*								



## REPAIR CLAMPS

### RATCHET CLAMPS

QFC Quick Fix Pipe Clamps Quick Fix Clamp Eliminates Downtime for Leak Repair

The Quick Fix pipe repair clamp from Reparex, provides a quick, durable fix for wear-generated leaks in pneumatic conveying lines and elbows carrying abrasive materials. A Quick Fix clamp consists of tough, wear-resistant alumina ceramic tiles encased in a flexible polyurethane pad, and includes a strong nylon strap with a hand-operated tightening ratchet. Simply place the pad over the hole in the pipe and tighten the strap to stop the leak. The pad conforms to the pipe diameter, and the ceramic tiles provide high wear resistance and added rigidity.

Unlike other repair systems that can require hours for application and curing of epoxy -- and usually require shutdown of the conveying system -- the Quick Fix clamp can be applied in minutes with little or no interruption of operations. The clamps are effective in both dry and wet applications. Preparation is minimal: users need only remove scale from the pipe and wipe it clean. No adhesive or additional sealing media is necessary

For holes up to 3/8" (10 mm) in diameter, the clamps can contain pressure as high as 290 psi (2000 Kpa). For holes 3/8" and 3/4" (10- 20 mm), pressure capability is 145 psi (1000 Kpa).

Clamps are available for three ranges of pipe diameter: 3 5/8" – 8" (90-200 mm), 6" – 12" (150-300 mm), and 12" – 20" (300-500 mm). Larger sizes are available on request

Pipe Size	Size	Jabo #
3-5/8 - 8"	Small	950-10000
6"-12"	Medium	950-10002
12"-20"	Large	950-10004



## COUPLINGS

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# COUPLINGS

*HYMAX / SMITH BLIAR / ROMAC / VICTAULIC*

## COUPLINGS

RESTRAINT / NON RESTRAINT

### NON RESTRAINT

#### LONG BODY

HYMAX FLIP 2		
JABO	SIZE	OVERALL RANGE
*	1.5"	1.61-2.13
075-17300	2"	2.10-3.03
075-17305	3"	3.46-4.33
075-17310	4"	4.25-5.63
075-17315	6"	6.42-7.68
075-17320	8"	8.54-9.84
075-17325	10"	10.70-12.0
*	10"	10.96 - 12.26
*	12"	12.40-13.66
*	12"	13.15 - 14.41

Long Body

SMITH BLAIR 422		
JABO	SIZE	OVERALL RANGE
073-20866	2"	2.13-2.95
073-20870	3"	3.10-4.20
073-20874	4"	4.46-5.60
073-20878	6"	6.56-7.60
073-20882	8"	8.54-8.85
073-20886	10"	10.64-11.83
073-20890	12"	12.62-13.67

Long Body

#### STANDARD BODY

HYMAX FLIP 2		
JABO	SIZE	OVERALL RANGE
075-13690	1.5"	1.61-2.13
075-13700	2"	2.10-3.03
075-13710	3"	3.46-4.33
075-13720	4"	4.25-5.63
075-13740	6"	6.42-7.68
075-13760	8"	8.54-9.84
075-13770	10"	10.70-12.0
075-13800	12"	12.40-13.66

Standard Body

SMITH BLAIR 421		
JABO	SIZE	OVERALL RANGE
073-20822	2"	2.13-2.95
073-20826	3"	3.10-4.20
073-20830	4"	4.46-5.60
073-20834	6"	6.56-7.60
073-20838	8"	8.54-8.85
073-20842	10"	10.64-11.83
073-20846	10" OS	10.64-12.20
073-20850	12"	12.62-13.67
073-20854	12" OS	12.62-14.40
073-20858	16"	16.00-17.85
*	16" OS	16.00-19.20
073-20862	24"	24.00-26.32
*	24" OS	24.00-27.32

Standard Body

#### RESTRAINT COUPLINGS

HYMAX GRIP		
JABO#	SIZE	OVERALL RANGE
075-16860	2"	1.54-2.64
075-16870	2.5"	2.32-3.43
075-16880	3"	3.15-4.14
075-16890	4"	4.40-5.10
075-16900	6"	6.50-7.20
075-16910	8"	8.50-9.40
075-16920	10"	10.65-11.55
075-16930	12"	12.68-13.39

Standad Body







SMITH BLAIR RAZOR LOCK		
JABO#	SIZE	OVERALL RANGE
*	2"	
*	2.5"	
*	3"	
073-30045	4"	4.44-5.06
073-30050	6"	6.56-7.16
*	8"	
*	10"	
*	12"	

ALPHA COUPLINGS		
JABO	SIZE	RANGE
*NON STOCK CALL JABO SUPPLY		








## COUPLINGS

### OTHER HYMAX COUPLINGS & ADAPTERS

TYPE	OVAL FLANGE ADAPTERS		HYMAX 2		HYMAX GRIP		HYMAX GRIP		HYMAX 2 FLANGE OUTLET		HYMAX 2 FLANGE OUTLET	
			FLANGE ADAPTER		END CAP		SWIVAL JOINT					
HYMAX					2" NPT							
												
SIZE	JABO#	RANGE	JABO#	RANGE	JABO#	RANGE	JABO#	RANGE	JABO#	RANGE	JABO#	RANGE
1.5"	075-15860	1.54-2.64	NA	NA	*	*	NA	NA	*	*	*	*
2"	075-15870		075-16320	2.10-3.03	*	*	NA	NA	*	*	*	*
3"	NA	NA	075-15880	3.46-4.33	*	*	NA	NA	*	*	*	*
4"	NA	NA	075-15890	4.25-5.63	075-19000	4.40-5.10	075-25000	*	*	*	*	*
6"	NA	NA	075-15910	6.42-7.68	075-19005	6.50-7.20	075-25005	*	*	*	*	*
8"	NA	NA	075-15920	8.54-9.84	075-19010	8.50-9.40	075-25015	*	*	*	*	*
10"	NA	NA	075-15930	10.70-12.00	*	*	NA	NA	*	*	*	*
12"	NA	NA	075-15950	12.40-13.66	*	*	NA	NA	*	*	*	*

\*Call Jabo Supply

NA -Not Available

**HYMAX GRIP GRIP LARGE DIAMETER	**HYMAX GRIP GRIP FLANGE ADAPTER	**HYMAX GRIP GRIP REDUCER	**HYMAX GRIP GRIP ELBOW	**HYMAX GRIP CUT IN SLEEVE
				
Non Stock	Non Stock	Non Stock	Non Stock	Non Stock

\*\* NON STOCK CALL JABO SUPPLY

## COUPLINGS




### 411 BOLTED COUPLINGS IPS PIPE



1/2"-5"					6"-12"					14"-24"				
NOMINAL SIZE	OD (inches) (inches)	JABO #	LENGTH (inches)	# BOLTS	NOMINAL SIZE	OD (inches) (inches)	JABO #	LENGTH (inches)	# BOLTS	NOMINAL SIZE	OD (inches) (inches)	JABO #	LENGTH (inches)	# BOLTS
1/2"	0.84	073-18502	7"	2	6"	6.63	073-20042	5"	6	14"	14.00	*	5"	6
3/4"	1.05	073-18518	7"	2			073-20078	7"	6			073-19134	7"	6
1"	1.32	073-18538	7"	2			*	10"	6			*	10"	6
1-1/4"	1.66	073-18558	7"	2			*	16"	6			*	16"	6
1-1/2"	1.90	073-18578	7"	2			*	24"	6	16"	16.00	073-19246	7"	8
2"	2.38	*	5"	2	8"	8.63	073-20086	5"	6			*	10"	8
		073-18618	7"	2			*	7"	6			*	16	8
		073-18646	12"	3			*	10"	6	*	24"	8		
2-1/2"	2.88	073-18722	5"	3			073-20122	16"	6	18"	18.00	073-19374	7"	8
3"	3	*	5"	3			*	24"				*	10"	8
3"	3.5	073-18778	5"	4	10"	10.75	073-20142	5"	8			*	16"	8
		*	7"	3			*	7"	8	*	24"	8		
		073-19978	12"	3			*	10"	8	20"	20.00	073-19494	7"	10
3-1/2"-4	4	*	5"	3			073-20182	16"	8			*	10"	10
4"	4.5	073-19990	5"	4			*	24"	8			*	16"	10
		*	7"	4	12"	12.00	*	5"	8		24"	10		
		073-20014	12"	4			*	7"	8	22"	22.00	*	7"	10
		*	16"	4			*	10"	8				10"	10
		*	24"	4			*	16"	8				16"	10
4-1/2"-5"	5	*	5"	4			*	24"	8		24"	10		
5"	5.56	073-18910	5"	4	12"	12.75	073-20194	5"	8	24"	24.00	073-19666	7"	10
		*	7"	4			*	7"	8			*	10"	10
		*	10"	4			*	10"	8		24.00	*	16"	10
		*	16"	4			073-20242	16"	8			*	24"	10
		*	24"	4			*	24"	8			<b>CALL JABO FOR ALL YOUR BOLTED COUPLING NEEDS</b>		

## COUPLINGS

### VICTAULIC

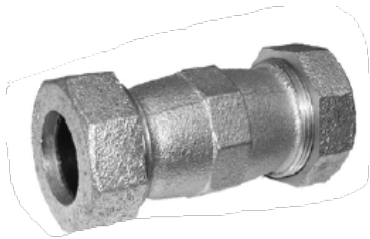
TYPE	905	995	99
NICKNAME	Hugger	Old Sytle Hugger	Roustabout
<b>VICTAULIC</b>			
FITS	Plain End HDPE	Larger OD Plain End HDPE	Plain End Steel Pipe
SIZE	JABO PART#	JABO PART#	JABO PART#
1"	NA	NA	*
1-1/2"	NA	NA	070-93100
2"	070-93320	NA	070-93110
2-1/2"	*	NA	070-93120
3"	070-93330	NA	070-93130
4"	070-93340	NA	070-93150
5"	*	NA	070-93160
6"	070-93360	NA	070-93170
8"	070-93380	NA	070-93180
10"	070-93381	NA	070-93190
12"	070-93382	NA	070-93200
14"	*	070-93010	070-93210
16"	NA	070-93020	070-93220
18"	NA	070-93030	070-93240
20"	NA	070-93035	NA
AVAIL SIZES	2"-14"	14"-20" (smaller sizes see 905)	1"-18"

## COUPLINGS

### Galvanized Compression Couplings

## 525 COMPRESSION COUPLINGS

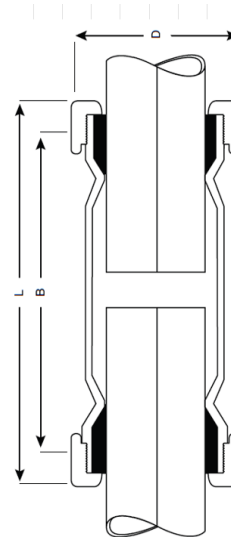
### COUPLINGS FOR IPS



JABO #	NOMINAL	OD (inches)
	SIZE (inches)	(inches)
073-23326	1/2"	0.84
073-23330	3/4"	1.05
073-23334	1"	1.32
073-23338	1-1/4"	1.66
073-23342	1-1/2"	1.9
073-23346	2"	2.375

### Dimensional Chart

NOM. PIPE SIZE INCHES	PIPE OD INCHES	DIMENSION INCHES		
		B	D	L
1/2	0.840	3.35	1.68	4.13
3/4	1.050	3.62	1.94	4.33
1	1.315	4.00	2.21	4.53
1 1/4	1.660	4.00	2.61	4.72
1 1/2	1.900	4.00	2.94	4.92
2	2.375	4.44	3.56	5.31



## 525 ADAPTER GASKETS

### ADAPTER GASKETS FOR CTS

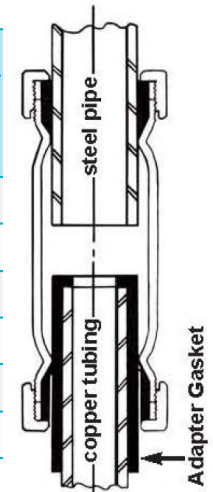
JABO #	NOMINAL
	SIZE (inches)
073-00338	1/2"
073-00342	3/4"
073-00346	1"
073-00350	1-1/4"
073-00354	1-1/2"
073-00358	2"

### NOTES

**GASKETS CAN BE USED ON 411 BOLTED COUPLINGS TO CONVERT TO CTS**

### Adapter Gaskets

NOM. PIPE SIZE INCHES	U.S.	
	STEEL PIPE O.D. INCHES	COPPER TUBING O.D. INCHES
1/2	0.84	0.63
3/4	1.05	0.88
1	1.32	1.13
1 1/4	1.66	1.38
1 1/2	1.90	1.63
2	2.38	2.13



SADDLES







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# SADDLES

## SADDLES

PICTURE

BRASS								BALE TWO STRAP		SS TWO STRAP	
C900				PVC IPS				DI, CAST, STEEL		STEEL, DI, CAST, AC, HDPE	
HINGED SADDLES		TWO BOLT		HINGED SADDLES		TWO BOLT		313 SMITH BLAIR		317 SMITH BLAIR	
											
CC	NPT	CC	NPT	CC	NPT	CC	NPT	CC	NPT	CC	NPT
Stock		Stock		Stock		Stock		Stock		Stock	

SERVICE SADDLE	
STEEL, DI, CAST, AC, HDPE	
T3 WIDE RANGE	
	
CC	NPT
Stock	

WIDE RANGE (.08)		REPAIR CLAMPS WITH OUTLETS	
WIDE RANGE (.08)		STANDARD RANGE (.04)	
CAST IRON, AC, STEEL, HDPE, PVC, MOST OTHER PIPES			
QUICK CAM		238 OUTLET CLAMP	264 OUTLET CLAMP
			
CC	NPT	CC	NPT
Stock		Stock	Stock

## SADDLES

### REFERENCE GUIDE FOR MOST COMMONLY USED SADDLES

BRASS
CAMBRIDGE BRASS HINGE
CAMBRIDGE BRASS 2 BOLT
TYPES OF PIPE
C900-SPECIFIC FOR C900
IPS PVC SPECIFIC FOR IPS

BALE SADDLES
SMITH BLAIR 313
JCM 402
TYPES OF PIPE
Steel
Ductile Iron
Cast Iron

DOUBLE STAINLESS STEEL STRAP
SMITH BLAIR 317
JCM 406
TYPES OF PIPE
Steel
Ductile Iron
Cast Iron
Asbestos Cement
PVC
<b><i>HDPE "Needs Spring Washer"</i></b>

238 REPAIR CLAMP W/OUTLET
Steel
Ductile Iron
Cast Iron
Asbestos Cement
PVC
<b><i>HDPE "Needs Spring Washer"</i></b>

T3 SERVICE SADDLE
Steel
Ductile Iron
Cast Iron
Asbestos Cement
PVC
<b><i>HDPE "Needs Spring Washer"</i></b>

264 REPAIR CLAMP W/OUTLET
Steel
Ductile Iron
Cast Iron
Asbestos Cement
PVC
<b><i>HDPE "Needs Spring Washer"</i></b>

## SADDLES

### REFERENCE GUIDE FOR MOST COMMONLY USED SADDLES

Service Saddles	Smith-Blair	Dresser	Ford	Romac	JCM	PowerSeal
Single Carbon Steel Bale - Iron Body	311	291	F101	(101U),101NU	(401),407	3411DI
Double Carbon Steel Bale - Iron Body	313	291	F202	(202U),202NU	(402),408	3413
Single Stainless Steel Strap - Iron Body	315	-	FC101,FS101	(101S),101NU	(403),405	3415
Double Stainless Steel Straps - Iron Body	317	-	FCD202	(202S),202NS	(404),406	3417DI
Wide Stainless Steel Strap - Bronze Body	325-000	-	202BS	-	-	(3409),(3407)
Double Stainless Steel Straps - Bronze Body	325-100	-	202BSD	202BS	-	3409
Repair, Double Carbon Steel Bale - Iron Body	331	-	FR202	-	-	-
Double Stainless Steel Straps, Large Tap - Iron Body O.D specific for PVC and Steel Pipe	357	-	(FS202),(F202)	-	-	-
Double Carbon Steel Bale - Iron Body For Concrete Cylinder Pipe	362	-	-	-	425	-
Triple Carbon Steel Bale - Iron Body For Large Diameter Pipe	366	-	-	-	(418)	-
Single Stainless Steel Stud - All Stainless	371	-	FS303,FS313	304	-	3411AS
Double Stainless Steel Stud - All Stainless	372	-	FS303,FS313	306	502	3412AS
Wide Stainless Steel Strap - Iron Body O.D. Specific for PVC or Ductile Iron	397		FC202	-	-	3417SW

## SADDLES

### BRASS FITS C900 & IPS PVC

2"-6"					
TYPE OF PIPE		FITS C900		IPS PIPE	
PIPE SIZE	OUTLET SIZE	CC OUTLET	NPT OUTLET	CC OUTLET	NPT OUTLET
2"	3/4"	NA	NA	031-23716	031-23724
	1"	NA	NA	031-23720	031-23728
2-1/2"	3/4"	NA	NA	*	*
	1"	NA	NA	*	031-23744
3"	3/4"	NA	NA	031-23748	031-23756
	1"	NA	NA	031-23752	031-23760
	2"	NA	NA	*	031-23762
4"	3/4"	031-23796	031-23812	031-23764	031-23780
	1"	031-23800	031-23816	031-23768	031-23784
	1-1/2"	*	*	*	*
	2"	*	031-23824	*	031-23792
6"	3/4"	031-23864	031-23880	031-23828	031-23844
	1"	031-23868	031-23884	031-23832	031-23848
	1-1/2"	*	*	*	*
	2"	031-23876	031-23892	*	031-23856

8-12"					
TYPE OF PIPE		FITS C900		IPS PIPE	
PIPE SIZE	OUTLET	CC OUTLET	NPT OUTLET	CC OUTLET	NPT OUTLET
8"	3/4"	031-23928	031-23944	031-23896	031-23912
	1"	031-23932	031-23948	031-23900	031-23916
	1-1/2"	*	*	*	*
	2"	*	031-23956	*	031-23924
10"	3/4"	031-23992	*	031-23960	031-23976
	1"	031-23996	031-24012	031-23964	031-23980
	1-1/2"	*	*	*	*
	2"	*	031-24020	*	031-23988
12"	3/4"	031-24056	031-24072	*	031-24040
	1"	031-24060	031-24076	*	031-24044
	1-1/2"	*	*	*	*
	2"	*	031-24084	*	031-24032
NA-Not Available * Non Stock Call Jabo Supply					
<b>BRASS SADDLES ARE RECOMMENDED FOR PVC C900 AND IPS</b>					

## SADDLES

Double Strap  
313 Double Bale

### IPS STEEL / DUCTILE / CAST

SIZE (INCHES)	OD RANGE (INCHES)	CC TAPERED OUTLET		NPT OUTLET			
		3/4"	1"	1"	1-1/4"	1-1/2"	2"
1-1/4-1-1/2"	1.61-1.92	*	*	*	*	*	NA
2"	2.35-2.56	073-12826	073-12842	073-12834	*	*	NA
2-1/4-2-1/2	2.44-2.91	*	*	*	*	*	*
3	2.97-3.54	073-12906	073-12922	073-12914	*	*	
3-4	3.74-4.13	073-12966	073-12982	*	*	*	
4	4.40-4.50	*	*	073-13110	*	073-13138	073-13150
	4.40-4.80	073-13102	073-13118	*	*	*	
	4.74-5.14	073-13178	073-13190	*			
4-5	5.00-5.63	*	*	*	*	*	*
6	5.94-6.70	073-13406	073-13422	073-13414	*	*	073-13454
	5.94-6.90	*	*	*	*	*	
	6.84-7.60	073-13494	*	*	*	*	
6-8	7.69-8.72	*	*	*	*	*	
	7.69-9.05	*	*	*	*	*	073-13686
8-10	8.54-10.10	073-13710	073-13726	*	*	*	
10	10.75-11.10	*	*	*	*	073-13838	073-13850
	10.64-12.12	073-13882	073-13898	*	*	*	*
12	12.75-13.20	*	*	*	*	*	073-14014
12-14	12.62-14.32	073-14046	*	*	*	*	*
	14.73-15.65	*	*	*	*	*	*

## SADDLES

Double Strap  
317 Double Strap

PIPE APPLICATION: STEEL / DI / CAST IRON/ AC/ PVC/ HDPE (with Spring Washers)

SIZE (INCHES)	OD RANGE (INCHES)	CC TAPERED OUTLET		NPT OUTLET			
		3/4"	1"	1"	1-1/4"	1-1/2"	2"
1-1/4-1-1/2"	1.61-1.92	*	*	*	*	*	*
2"	2.35-2.56	073-15214	073-15222	*	*	*	*
2-1/4-2-1/2	2.44-2.91	*	*	*	*	*	*
3	2.97-3.54	073-15262	073-15270	*	073-15274	073-15282	*
3-4	3.74-4.13	073-15298	073-15306	*	*	*	*
4	4.40-4.50	*	*	*	*	*	
4	4.40-4.80	073-15386	073-15394	073-15390	*	073-15406	073-15414
4	4.74-5.14	*	*	*			*
4-5	5.00-5.63	*	*	*	*	*	*
6	5.94-6.70	*	073-15526	*	*	*	073-15594
6	5.94-6.90	073-15566	*	073-15570	*	*	*
6	6.84-7.60	*	073-15618	073-15614	*	*	073-15638
6-8	7.69-8.72	*	*	*	*	*	*
	7.69-9.05	*	*	073-15706	*	073-15722	073-15774
8-10	8.54-10.10	073-15746	073-15754	073-15750	*	*	*
10	10.75-11.10	*	*	073-15799	*	*	*
10-12	10.64-12.12	*	*	073-15846	*	*	073-15870
12	12.75-13.20	*	*	*	*	*	*
12-14	12.62-14.32	073-15938	*	073-15942	*	*	*

\*NON STOCK CALL JABO SUPPLY

\*\*FABRICATED STRAPS , EPOXY COATED CARBON STEEL

**SADDLES**

**WIDE RANGE**

Dresser Service Saddles / Quick Cam with outlet

**PIPE APPLICATION: WIDE RANGE UNIVERSAL, MAY BE USED ON MOST PIPES**

<b>SERVICE SADDLES</b>								<b>QUICK CAM WITH OUTLET</b>			
<b>REMOVABLE LUGS</b>				<b>NON REMOVABLE LUGS</b>				<b>NON REMOVABLE LUGS</b>			
SIZE	OD RANGE	CC TAPERED OUTLET		SIZE	OD RANGE	CC TAPERED OUTLET		SIZE	OD RANGE	CC TAPERED OUTLET	
(")	(")	3/4"	1"	(")	(")	3/4"	1"	(")	(")	3/4"	1"
2"	2.10-2.40	*	*	2"	2.10-2.40	*	*	2"	2.10-2.40	*	*
3"	3.10-3.30	*	*	3"	3.10-3.30	*	*	3"	3.10-3.30	*	*
	3.30-3.60	*	*		3.30-3.60	*	*		3.30-3.60	*	*
	3.79-4.13	*	*		3.79-4.13	*	*		3.79-4.13	*	*
	4.01-4.41	*	*		4.01-4.41	*	*		4.01-4.41	*	*
4"	4.45-5.13	074-60049	074-60017	4"	4.45-5.13	*	*	4"	4.45-5.13	*	*
4" os	4.74=5.61	*	*	4" os	4.74-5.61	*	*	**4" os	4.74-5.61	074-54196	074-54197
6"	6.55-7.42	074-60169	074-60137	6"	6.55-7.42	*	*	6"	6.55-7.42	*	074-54269
6" os	6.84-7.65	*	*	6" os	6.84-7.65	*	*	6" os	6.84-7.65	*	*
8"	8.54-9.44	074-60249	074-60217	8"	8.54-9.44	*	*	**8"	8.54-9.44	074-54812	074-54780
8" os	8.98-9.84	*	*	8" os	8.98-9.84	*	*	8" os	8.98-9.84	*	*
10"	10.64-11.46	074-60329	074-60297	10"	10.64-11.46	074-60328	*	10"	10.64-11.46	*	*
10" os	11.34-12.16	*	*	10" os	11.34-12.16	*	*	10" os	11.34-12.16	*	*
12"	12.62-13.56	074-60409	074-60377	12"	12.62-13.56	074-60408	*	12"	12.62-13.56	*	*
12" os	13.65-14.42	*	*	12" os	13.65-14.42	*	*	12" os	13.65-14.42	*	*
Nominal Diameter Available from Factory- 2"-48"								**4" Stock lenth 7.5			
Connections available from the Factory 1/2-2" (Sizes vary depending on nominal diamter)								***8" Stock length 12"			
CALL JABO SUPPLY FOR ALL YOUR PIPE, VALVE, FITTING AND HOSE NEEDS								QUICK CAM OD AVAILABLE IN 3"-60.73"			
								LENTH FROM 7.5-48" DEPENDING ON OD			

## SADDLES

### WIDE RANGE

Technical Specifications T3

### Technical Specifications

Nom. Diam.	Lower Diam.	Upper Diam.	Connection Sizes	CTS	IPS	DI	Pit Cast	AC100	AC150	AC200
2	2.10	2.40	1/2 to 1"	2.13	2.38		2		2	
2	2.35	2.65	1/2 to 1.5"		2.38		2.5			
3	3.10	3.30	1/2 to 1.5"	3.13						
3	3.30	3.60	1/2 to 1.5"		3.50					
3	3.79	4.13	1/2 to 2"	4.13			3.96			
3	4.01	4.41	1/2 to 2"	4.13					4.18	
4	4.45	5.13	1/2" to 2"	5.13	4.50	4.80	5.00			
4 o.s.	4.74	5.61	1/2" to 2"			4.80	5.00	5.26	5.32	5.57
5	5.50	6.20	1/2" to 2"	6.13	5.56					5.57
6	6.55	7.42	1/2" to 2"		6.63	6.90	7.10	7.40	7.37	
6 o.s.	6.84	7.65	1/2" to 2"			6.90	7.10	7.40	7.37	7.60
8	8.54	9.44	1/2" to 2"		8.63	9.05	9.30			
8 o.s.	8.98	9.84	1/2" to 2"			9.05	9.30	9.57	9.62	9.79
10	10.64	11.46	1/2" to 2"		10.75	11.10	11.40			
10 o.s.	11.34	12.16	1/2" to 2"				11.40	11.77	12.12	12.12
12	12.62	13.56	1/2" to 2"		12.75	13.20	13.50			
12 o.s.	13.65	14.42	1/2" to 2"		14.00			14.04	14.38	14.38
14	15.22	16.16	1/2" to 2"		16.00	15.30	15.65	15.80		
14 o.s.	16.18	16.92	1/2" to 2"						16.73	16.88
16	17.25	18.18	1/2" to 2"		18.00	17.40	17.80	17.94		
16 o.s.	18.42	19.23	1/2" to 2"						18.97	19.19
18	19.32	21.04	1/2" to 2"		20.00	19.50	19.92	19.90	20.94	
18 o.s.	21.10	22.80	1/2" to 2"			21.60	22.06		21.30	22.54
20	23.20	25.10	1/2" to 2"		24.00			23.64		25.02
24	25.60	27.30	1/2" to 2"			25.80	26.32	27.17		
24 o.s.	27.80	29.70	1/2" to 2"					28.32	29.62	
30	29.70	30.30	1/2" to 2"		30.00					29.98
30 o.s.	31.96	32.46	1/2" to 2"			32.00	32.40			
36	35.80	36.20	1/2" to 2"		36.00					
36 o.s.	38.10	38.50	1/2" to 2"			38.30				
42	44.30	44.70	1/2" to 2"			44.50				
48	50.60	51.00	1/2" to 2"			50.80				

## SADDLES

### OUTLET CLAMPS

238 Full Circle CC Outlet Clamp

PIPE RANGE 3"-6" WITH CC OUTLET								PIPE RANGE 8"-12" WITH CC OUTLET							
SIZE	LENGTH	RANGE	CC OUTLET					SIZE	LENGTH	RANGE	CC OUTLET				
(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"	(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"
3	7.5	3.46-3.70	*	*	NA	NA	NA	8	7.5	8.54-8.94	*	*	*	*	*
	10		NA	NA	NA	NA	NA		NA		*	*	*		
	12.5		*	*	NA	NA	NA		*		*	*	*	*	
	15		NA	NA	NA	NA	NA		NA		NA	*	*	*	
3-4	7.5	3.73-4.00	*	*	NA	NA	NA	8	7.5	8.99-9.39	*	*	*	*	*
	10		NA	NA	NA	NA	NA		NA		*	*	*		
	12.5		*	*	NA	NA	NA		<b>073-05778</b>		<b>073-05786</b>	*	*	<b>073-05798</b>	
	15		NA	NA	NA	NA	NA		NA		NA	*	*	*	
3	7.5	3.96-4.25	*	*	NA	NA	NA	10	7.5	10.64-11.0	*	*	*	*	*
	10		NA	NA	NA	NA	NA		*		*	*	*		
	12.5		*	*	NA	NA	NA		*		*	*	*	*	
	15		NA	NA	NA	NA	NA		*		*	*	*	*	
4	7.5	4.45-4.73	*	*	*	*	*	10	7.5	11.04-11.44	*	*	*	*	*
	10		NA	NA	*	*	*		*		*	*	*		
	12.5		*	*	*	*	*		<b>073-06090</b>		<b>073-06098</b>	*	*	*	
	15		NA	NA	*	*	*		*		*	*	*	*	
4	7.5	4.74-5.14	*	*	*	*	*	12	7.5	12.62-13.02	*	*	*	*	*
	10		NA	NA	*	*	*		*		*	*	*		
	12.5		<b>073-04954</b>	<b>073-04962</b>	*	*	*		*		*	*	*		
	15		NA	NA	*	*	*		*		*	*	*	*	
6	7.5	6.56-6.96	*	*	*	*	*	12	7.5	13.10-13.50	*	*	*	*	*
	10		NA	NA	*	*	*		*		*	*	*		
	12		NA	*	*	*	*		<b>073-06386</b>		<b>073-06394</b>	*	*	*	
	15		NA	NA	*	*	*		*		*	*	*	*	
6	7.5	6.84-7.24	*	*	*	*	*	NA-NOT AVAILABLE * NON STOCK  CALL JABO SUPPLY FOR ALL YOUR 238 NEEDS							
	10		NA	NA	*	*	*								
	12.5		<b>073-05374</b>	<b>073-05382</b>	*	*	*								
	15		NA	NA	*	*	*								

## SADDLES

### OUTLET CLAMPS

238 Full Circle NPT Outlet

PIPE RANGE 3"-6" WITH NPT OUTLET								PIPE RANGE 8"-12" WITH CC OUTLET							
SIZE	LENGTH	RANGE	NPT OUTLET					SIZE	LENGTH	RANGE	NPT OUTLET				
(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"	(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"
3	7.5	3.46-3.70	*	*	NA	NA	NA	8	7.5	8.54-8.94	*	*	*	*	*
	10		NA	NA	NA	NA	NA		NA		*	*	*		
	12		*	*	NA	NA	NA		*		*	*	*	*	
	15		NA	NA	NA	NA	NA		073-05630		NA	*	*	073-05650	
3-4	7.5	3.73-4.00	*	*	NA	NA	NA	8	7.5	8.99-9.39	*	*	*	*	*
	10		NA	NA	NA	NA	NA		NA		*	*	*		
	12		*	*	NA	NA	NA		*		*	*	073-05798		
	15		NA	NA	NA	NA	NA		NA		NA	*	*	*	
4	7.5	3.96-4.25	*	*	NA	NA	NA	10	7.5	10.64-11.0	*	*	*	*	*
	10		NA	NA	NA	NA	NA		*		*	*	*		
	12		*	*	NA	NA	NA		*		*	*	*		
	15		NA	NA	NA	NA	NA		*		*	*	*		
4	7.5	4.45-4.73	*	*	*	*	*	10	7.5	11.04-11.44	*	*	*	*	*
	10		NA	NA	*	*	*		*		*	*	*		
	12.5		*	*	*	*	*		*		*	*	073-06102		
	15		NA	NA	*	*	*		*		*	*	*		
4	7.5	4.74-5.14	*	*	*	*	*	12	7.5	12.62-13.02	*	*	*	*	*
	10		073-04902	NA	*	*	*		*		*	*	*		
	12.5		*	*	*	*	073-04974		*		*	*	*	*	
	15		073-05010	NA	*	*	*		*		*	*	*	*	
6	7.5	6.56-6.96	*	*	*	*	*	12	7.5	13.10-13.50	*	*	*	*	*
	10		NA	NA	*	*	*		*		*	*	*		
	12		*	*	*	*	*		*		*	*	073-06402		
	15		073-05218	NA	*	*	*		*		*	*	*	*	
6	7.5	6.84-7.24	*	*	*	*	*	NA-NOT AVAILABLE * NON STOCK  CALL JABO SUPPLY FOR ALL YOUR 238 NEEDS							
	10		NA	NA	*	*	*								
	12.5		*	*	*	*	073-05394								
	15		NA	NA	*	*	073-05238								

## SADDLES

### OUTLET CLAMPS

264 Full Circle Repair Clamp CC Outlet

All Stainless Steel, Fabricated Lugs, Single Band

PIPE SIZES 3"-4" (CC OUTLET)								PIPE SIZES 6"-8" (CC OUTLET)							
SIZE	LENGTH	RANGE	CC OUTLET					SIZE	LENGTH	RANGE	CC OUTLET				
(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"	(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"
3	7.5	3.46-	*	*	NA	NA	NA	6	7.5	6.56-	*	*	*	*	*
	10		*	*	NA	NA	NA		10		*	*	*	*	*
	12	3.70	*	*	NA	NA	NA		12	6.96	*	*	*	*	*
	15		*	*	NA	NA	NA		15		*	*	*	*	*
3-4	7.5	3.73-	*	*	NA	NA	NA	6	7.5	6.84-	*	*	*	*	*
	10		*	*	NA	NA	NA		10		*	*	*	*	*
	12	4.00	*	*	NA	NA	NA		12.5	7.24	*	*	*	*	*
	15		*	*	NA	NA	NA		15		*	*	*	*	*
4	7.5	3.96-	*	*	NA	NA	NA	8	7.5	8.54-	*	*	*	*	*
	10		*	*	NA	NA	NA		10		*	*	*	*	*
	12	4.25	*	*	NA	NA	NA		12.5	8.94	*	*	*	*	*
	15		*	*	NA	NA	NA		15		*	*	*	*	*
4	7.5	4.45-	073-10454	*	*	*	*	8	7.5	8.99-	*	*	*	*	*
	10		*	*	*	*	*		10		*	*	*	*	*
	12.5	4.73	073-10510	*	*	*	*		12.5	9.39	*	*	*	*	*
	15		*	*	*	*	*		15		*	*	*	*	*
4	7.5	4.74-	073-10562	*	*	*	*	NA-NOT AVAILABLE * NON STOCK  CALL JABO SUPPLY FOR ALL YOUR 264 NEEDS							
	10		*	*	*	*	*								
	12.5	5.14	*	*	*	*	*								
	15		*	*	*	*	*								



**SADDLES**

**OUTLET CLAMP**

264 Full Circle Repair Clamp with NPT Outlet

All Stainless Steel, Fabricated Lugs, Single Band

PIPE SIZES 3"-4" (NPT OUTLET)								PIPE SIZES 6"-8" ( NPT OUTLET )							
SIZE	LENGTH	RANGE	NPT OUTLET					SIZE	LENGTH	RANGE	NPT OUTLET				
(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"	(")	(")	(")	3/4"	1"	1-1/4"	1-1/2"	2"
3	7.5	3.46-3.70	*	*	NA	NA	NA	6	7.5	6.56-6.96	*	*	*	*	*
	10		*	*	NA	NA	NA		10		*	*	*	*	*
	12		*	*	NA	NA	NA		12		*	*	*	*	*
	15		*	*	NA	NA	NA		15		*	*	*	*	*
3-4	7.5	3.73-4.00	*	*	NA	NA	NA	6	7.5	6.84-7.24	*	*	*	*	*
	10		*	*	NA	NA	NA		10		*	*	*	*	*
	12		*	*	NA	NA	NA		12.5		*	*	*	*	*
	15		*	*	NA	NA	NA		15		*	*	*	*	*
4	7.5	3.96-4.25	*	*	NA	NA	NA	8	7.5	8.54-8.94	*	*	*	*	*
	10		*	*	NA	NA	NA		10		*	*	*	*	*
	12		*	*	NA	NA	NA		12.5		*	*	*	*	*
	15		*	*	NA	NA	NA		15		*	*	*	*	*
4	7.5	4.45-4.73	*	*	*	*	*	8	7.5	8.99-9.39	*	*	*	*	*
	10		*	*	*	*	*		10		*	*	*	*	*
	12.5		*	*	*	*	*		12.5		*	*	*	*	*
	15		*	*	*	*	*		15		*	*	*	*	*
4	7.5	4.74-5.14	*	*	*	*	*	NA-NOT AVAILABLE * NON STOCK  CALL JABO SUPPLY FOR ALL YOUR 264 NEEDS							
	10		*	*	*	*	*								
	12.5		*	*	*	*	073-10646								
	15		*	*	*	*	*								



TAPPING SLEEVES

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# TAPPING SLEEVES

MJ & FLANGE OUTLETS

## TAPPING SLEEVES

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SMITH BLAIR		DRESSER TPS	
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<b>FLANGE OUTLET</b>	<b>MJ OUTLET</b>	<b>FLANGE OUTLET</b>	<b>MJ OUTLET</b>
			<b>PICTURE NOT AVAILABLE</b>
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## TAPPING SLEEVES

SMITH BLAIR 662

4"-8"			
SIZE	OD RANGE	OUTLET TYPE	
(")		MJ	FLANGE
4 X 4	4.46-4.86	073-25082	073-25078
	4.80-5.10	*	*
	4.95-5.35	*	*
6 X 4	6.59-6.99	073-25106	073-25102
6 X 6		*	073-25110
6 X 4	6.84-7.30	*	*
6 X 6		*	*
6 X 4	7.10-7.50	*	*
6 X 6		*	*
6 X 4	7.40-7.80	*	*
6 X 6		*	*
8 X 4	7.90-8.30	*	*
8 X 6		*	*
8 X 4	8.62-9.06	*	073-25170
8 X 6		073-25182	073-25178
8 X 8		073-25190	*
8 X 4	8.99-9.45	*	*
8 X 6		*	*
8 X 8		*	*
8 X 4	9.20-9.60	*	*
8 X 6		*	*
8 X 8		*	*
8 X 4	9.60-10.00	*	*
8 X 6		*	*
8 X 8		*	*

10"-12"			
SIZE	OD RANGE	OUTLET TYPE	
(")		MJ	FLANGE
10X4	10.73-11.13	*	073-25278
10 X 6		073-25286	073-25282
10 X 8		073-25294	073-25290
10 X 10		*	073-25298
10X4	11.05-11.45	*	*
10 X 6		*	*
10 X 8		*	*
10 X 10		*	*
10X4	12.00-12.40	*	*
10 X 6		*	*
10 X 8		*	*
10 X 10		*	*
12 X 4	12.50-12.90	*	*
12 X 6		*	*
12 X 8		*	*
12 X 10		*	*
12 X 12		*	*
12 X 4	13.16-13.56	*	073-25430
12 X 6		*	073-25438
12 X 8		*	073-25446
12 X 10		*	073-25454
12 X 12		*	073-25462
* NON STOCK CALL JABO SUPPLY			
AVAILABLE UP TO 24"			

## TAPPING SLEEVES

### DRESSER (TPS) TRIPLE TAP

<b>4"-8"</b>			
SIZE	OD RANGE	OUTLET TYPE	
(INCHES)	(INCHES)	MJ	FLANGE
4 X 2	4.45-5.13	*	*
4 X 4		*	*
4 X 2	4.74-5.36	*	*
4 X 4		*	*
5	5.50-6.20	*	*
6 X 4	6.55-7.42	*	*
6 X 6		*	*
6 X 4	6.84-7.65	*	*
6 X 6		*	*
8 X 4	8.54-9.44	*	*
8 X 6		*	*
8 X 8		*	*
8 X 4	8.98-9.84	*	*
8 X 6		*	*
8 X 8		*	*
<b>CALL JABO SUPPLY FOR ALL YOUR PIPE, VALVES, FITTINGS &amp; HOSE NEEDS</b>			

<b>10"-12"</b>			
SIZE	OD RANGE	OUTLET TYPE	
(INCHES)	(INCHES)	MJ	FLANGE
10X4	10.64-11.46	*	*
10 X 6		*	*
10 X 8		*	*
10 X 10		*	*
10X4	11.34-12.16	*	*
10 X 6		074-50708	*
10 X 8		*	*
10 X 10		*	*
12 X 4	12.62-13.56	*	*
12 X 6		074-50740	*
12 X 8		*	*
12 X 10		*	*
12 X 12		*	*
12 X 4		13.65-14.42	*
12 X 6	*		*
12 X 8	*		*
12 X 10	*		*
12 X 12	*		*
*NON STOCK CALL JABO SUPPLY			
AVAILABLE UPTO 30"			

**STOCK= EPOXY COATED FLANGE**

**SS FLANGE AVAILABLE**

**\*NON STOCK CALL JABO SUPPLY**



# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## WATERWORKS BRASS

**WATERWORKS BRASS**

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**WATERWORKS BRASS**  
CORPORATIONS STOPS

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# CORPORATION STOPS









*Ball Corp 300psi & Plug Corp 100psi*

### WATERWORKS BRASS





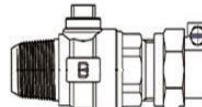



#### CORPORATION STOPS (CORP STOPS)

Picture Index Ball Corps

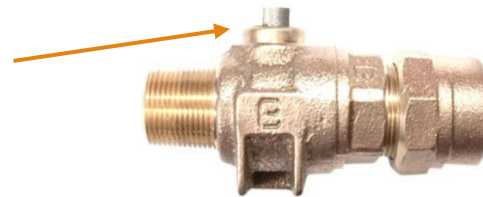
#### BALL CORPS AWWA (TAPERED) X

CTS			IPS		FIP	MIP	COPPER FLARE
CAMPACK	GRIP JOINT	CB COMPRESSION	PEP SIDR 7	PVC IPS			
							
STOCK	STOCK	STOCK	STOCK	NON STOCK	STOCK	STOCK	NON STOCK

#### BALL CORPS MIP (STRAIGHT) X

CTS			IPS		FIP	MIP	COPPER FLARE
CAMPACK	GRIP JOINT	CB COMPRESSION	PEP SIDR 7	PVC IPS			
							
STOCK	NON STOCK	NON STOCK	NON STOCK	STOCK	STOCK	STOCK	NON STOCK

Ball Corporation Stops can be identified by a smaller easy to turn nut



RATED 300PSI

**WATERWORKS BRASS**

CORPORATION STOPS (CORP STOPS)

301NL- Ball Corps 300psi

**AWWA (TAPERED THREADS) OUTLET CONNECTION**

031-Jabo Stock #		INLET CONNECTION	OUTLET CONNECTION							
301NL- Manufacturer #			CTS COMPRESSION			IPS COMPRESSION		FIP	MIP	FLARE
*Call Jabo Supply			CAMPAK	GRIP JOINT	CB	PEP SIDR 7	PVC			
INLET SIZE	OUTLET SIZE		JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	
1/2"	1/2"	301NL-A1B1	*	301NL-A1H1	*	*	*	301NL-A1M1	301NL-A1C1	
1/2"	5/8"	301NL-A1B2	*	301NL-A1H2	*	*	*	*	*	
5/8"	5/8"	301NL-A2B2	*	301NL-A2H2	*	*	*	*	*	
3/4"	3/4"	<b>031-15676</b>	<b>031-15688</b>	<b>031-15692</b>	<b>031-15736</b>	*	301NL-A3F3	301NL-A3M3	<b>031-15680</b>	
3/4"	1"	*	*	*	*	*	*	301NL-A3M4	*	
1"	1"	<b>031-15744</b>	<b>031-15760</b>	<b>031-15764</b>	<b>031-15804</b>	*	301NL-A4F4	301NL-A4M4	301NL-A4C4	
1-1/4"	1-1/4"	301NL-A5B5	*	301NL-A5H5	*	*	301NL-A5F5	301NL-A5M5	301NL-A5C5	
1-1/4"	1-1/2"	*	*	*	*	*	*	301NL-A5M6	*	
1-1/2"	1-1/2"	301NL-A6B6	*	301NL-A6H6	*	*	301NL-A6F6	301NL-A6M6	301NL-A6C6	
1-1/2"	2"	301NL-A6B7	*	301NL-A6H7	*	*	301NL-A6F7	301NL-A6M7	*	
2"	2"	<b>031-15904</b>	*	301NL-A7H7	*	*	<b>031-15916</b>	<b>031-15940</b>	301NL-A7C7	

**MIP (STRAIGHT THREADS) OUTLET CONNECTION**

031-Jabo Stock #		INLET CONNECTION	OUTLET CONNECTION							
301NL- Manufacturer #			CTS COMPRESSION			IPS COMPRESSION		FIP	MIP	FLARE
*Call Jabo Supply			CAMPAK	GRIP JOINT	CB	PEP SIDR 7	PVC			
INLET SIZE	OUTLET SIZE		JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	
1/2"	1/2"	*	*	*	*	*	*	*	*	
3/4"	3/4"	<b>031-15968</b>	301NL-M5GJ3	<b>031-15988</b>	301NL-M3PE3	301NL-M3PJ3	301NL-M3F3	301NL-M3M3	301NL-M3C3	
3/4"	1"	*	*	*	*	*	*	*	*	
1"	1"	<b>031-16020</b>	301NL-M4GJ4	<b>031-16036</b>	301NL-M4PE4	301NL-M4PJ4	<b>031-16028</b>	301NL-M4M4	301NL-M4C4	
1-1/4"	1-1/4"	301NL-M5B5	301NL-M5GJ5	301NL-M5H6	301NL-M5PE5	301NL-M5PJ5	301NL-M5F5	301NL-M5M5	301NL-M5C5	
1-1/2"	1-1/2"	301NL-M6B6	301NL-M6GJ6	301NL-M6H6	301NL-M6PE6	301NL-M6PJ6	301NL-M6F6	301NL-M6M6	301NL-M6C6	
1-1/2"	2"	301NL-M6B7	*	301NL-M6H7	*	*	*	*	*	
2"	2"	<b>031-16144</b>	301NL-M7GJ7	<b>031-16160</b>	301NL-M7PE7	<b>031-16180</b>	<b>031-16152</b>	<b>031-16172</b>	301NL-M7C7	




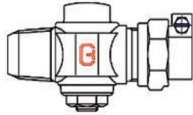

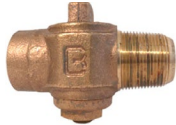


## WATERWORKS BRASS

### CORPORATION STOPS (CORP STOPS)





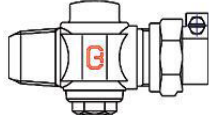



*Picture Index Plug Corp*

### PLUG CORP 100 PSI

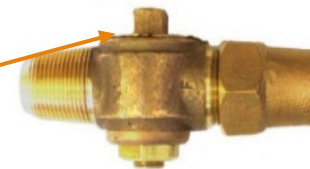
AWWA (TAPERED) X

CTS			IPS		FIP	MIP	COPPER FLARE
CAMPACK	GRIP JOINT	CB COMPRESSION	PEP SIDR 7	PVC IPS			
							
STOCK	STOCK	STOCK	STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

### MIP (STRAIGHT) X

CTS			IPS		FIP	MIP	COPPER FLARE
CAMPACK	GRIP JOINT	CB COMPRESSION	PEP SIDR 7	PVC IPS			
							
STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

Plug Corporation Stops can be identified with a longer turning nut



RATED 100PSI

**WATERWORKS BRASS**

CORPORATION STOPS (CORP STOPS)

302NL- Plug Corps 100psi

**AWWA (TAPERED THREADS) OUTLET CONNECTION**

031-Jabo Stock #		INLET CONNECTION	OUTLET CONNECTION							
302NL- Manufacturer #			CTS COMPRESSION			IPS COMPRESSION		FIP	MIP	FLARE
*Call Jabo Supply			CAMPAK	GRIP JOINT	CB	PEP SIDR 7	PVC			
INLET SIZE	OUTLET SIZE		PART#	PART#	PART#	PART#	PART#	PART#	PART#	
1/2"	1/2"	*	*	*	*	*	302NL-A1F1	302NL-A1M1	*	
3/4"	3/4"	<b>031-16196</b>	<b>031-16216</b>	<b>031-16220</b>	<b>031-16256</b>	*	302NL-A3F3	302NL-A3M3	302NL-A3C3	
3/4"	1"	<b>031-16200</b>	302NL-A3GJ4	<b>031-16224</b>	*	*	*	*	*	
1"	1"	<b>031-16264</b>	<b>031-16280</b>	<b>031-16284</b>	*	*	302NL-A4F4	302NL-A4M4	302NL-A4C4	

**MIP (STRAIGHT THREADS) OUTLET CONNECTION**

031-Jabo Stock #		INLET CONNECTION	OUTLET CONNECTION							
302NL- Manufacturer #			CTS COMPRESSION			IPS COMPRESSION		FIP	MIP	FLARE
*Call Jabo Supply			CAMPAK	GRIP JOINT	CB	PEP SIDR 7	PVC			
INLET SIZE	OUTLET SIZE		PART#	PART#	PART#	PART#	PART#	PART#	PART#	
1/2"	1/2"	*	*	*	*	*	302NL-M1F1	*	302NL-M1C1	
3/4"	3/4"	<b>031-16312</b>	302NL-M3GJ3	302NL-M3H3	302NL-M3PE3	302NL-M3PJ3	302NL-M3F3	302NL-M3M3	302NL-M3C3	
3/4"	1"	302NL-M3B3	302NL-M3GJ4	302NL-M3H4	*	*	*	*	*	
1"	1"	<b>031-16348</b>	302NL-M4GJ4	302NL-M4H4	*	*	302NL-M4F4	302NL-M4M4	302NL-M4C4	



WATERWORKS BRASS

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BRASS SADDLES



# BRASS SADDLES

## WATERWORKS BRASS

### BRASS SADDLES

Series 800 Hinged / Series 805 Two Bolt

<b>HINGED SADDLES</b>						
<b>2"-8"</b>						
TYPE OF PIPE		FITS C900		IPS PIPE		
TYPE OF OUTLET		CC OUTLET	NPT OUTLET	CC OUTLET	NPT OUTLET	
PIPE SIZE	OUTLET	PART #	PART#	PART#	PART#	
2"	3/4"	NOT AVAILABLE		<b>031-23716</b>	<b>031-23724</b>	
	1"			<b>031-23720</b>	<b>031-23728</b>	
2-1/2"	3/4"			800-0288-F3	800-0288-F3	
	1"			800-0288-A4	<b>031-23744</b>	
3"	3/4"			<b>031-23748</b>	<b>031-23756</b>	
	1"			<b>031-23752</b>	<b>031-23760</b>	
	2"			NA	<b>031-23762</b>	
4"	3/4"		<b>031-23796</b>	<b>031-23812</b>	<b>031-23764</b>	<b>031-23780</b>
	1"		<b>031-23800</b>	<b>031-23816</b>	<b>031-23768</b>	<b>031-23784</b>
	1-1/2"		800-480-A6	800-480-F6	800-0450-A6	800-0450-F6
	2"	800-480-A7	<b>031-23824</b>	800-0450-A7	<b>031-23792</b>	
6"	3/4"	<b>031-23864</b>	<b>031-23880</b>	<b>031-23828</b>	<b>031-23844</b>	
	1"	<b>031-23868</b>	<b>031-23884</b>	<b>031-23832</b>	<b>031-23848</b>	
	1-1/2"	800-0690-A6	800-0690-F6	800-0663-A6	800-0663-F6	
	2"	<b>031-23876</b>	<b>031-23892</b>	800-063-A7	<b>031-23856</b>	
8"	3/4"	<b>031-23928</b>	<b>031-23944</b>	<b>031-23896</b>	<b>031-23912</b>	
	1"	<b>031-23932</b>	<b>031-23948</b>	<b>031-23900</b>	<b>031-23916</b>	
	1-1/2"	800-0905-A6	800-0905-F6	800-0863-A6	800-0863-F6	
	2"	800-0905-A7	<b>031-23956</b>	800-0863-A7	<b>031-23924</b>	



<b>TWO BOLT</b>					
<b>10-12"</b>					
TYPE OF PIPE		FITS C900		IPS PIPE	
TYPE OF OUTLET		CC OUTLET	NPT OUTLET	CC OUTLET	NPT OUTLET
PIPE SIZE	OUTLET	PART #	PART#	PART#	PART#
10"	3/4"	<b>031-23992</b>	805-1110-F3	<b>031-23960</b>	<b>031-23976</b>
	1"	<b>031-23996</b>	<b>031-24012</b>	<b>031-23964</b>	<b>031-23980</b>
	1-1/2"	805-1110-A6	805-1110-F6	805-1075-A6	805-1075-F7
	2"	805-1110-A7	<b>031-24020</b>	805-1075-A7	<b>031-23988</b>
12"	3/4"	<b>031-24056</b>	<b>031-24072</b>	805-1275-A3	<b>031-24040</b>
	1"	<b>031-24060</b>	<b>031-24076</b>	805-1275-A4	<b>031-24044</b>
	1-1/2"	805-1320-A6	805-1320-F6	805-1275-A6	805-1275-F6
	2"	<b>031-24068</b>	<b>031-24084</b>	805-1275-A7	<b>031-24032</b>

<b>031- Jabo Stock</b>
NA-Not Available *
Manufacture Stock

WATERWORKS BRASS

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CURB STOPS



# CURB STOPS

## WATERWORKS BRASS

### CURB STOPS

*Picture Index*

CTS X CTS		IPS SIDR 7 X IPS SIDR 7		IPS PVC X IPS PVC
<i>CAMPAK X CAMPAK (CTS X CTS)</i>	<i>CB X CB (CTS X CTS)</i>	<i>GRIP X GRIP (CTS X CTS)</i>	<i>PEP SIDR 7 X PEP SIDR 7 (IPS X IPS)</i>	<i>PVC IPS X PVC IPS (IPS X IPS)</i>
				
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>
CTS X IPS SIDR 7		IPS PVC X FIP	CTS X FIP	
<i>CAMPAK X PEP SIDR 7 (CTS X IPS)</i>	<i>PVC IPS X FIP (IPS X FIP)</i>	<i>CAMPAK X FIP (CTS X FIP)</i>	<i>GRIP X FIP (CTS X FIP)</i>	
			GRIP X FIP WITH REDUCED PORT (ONLY)	
<b>STOCK</b>	<b>NON STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	
CTS X MIP	FIP X FIP	OTHER OPTIONS AVAILABLE		
<i>CAMPAK X MIP</i>	<i>FIP X FIP</i>	<i>OTHER OPTIONS AVAILABLE NON STOCK</i>		
		<b>ADDITIONAL CURB STOPS AVAILABLE UPON REQUEST</b>		
<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>		

## WATERWORKS BRASS

### CURB STOPS

#### 202NL Ball Valve Full Port

031-Jabo Stock #		CTS X CTS			IPS X IPS		CTS X IPS		CTS X FIP			CTS X MIP
202NL- Manufacturer #		CAMPAK	GRIP JOINT	CB	PEP SIDR 7	PVC IPS	CAMPAK	CAMPAK	CAMPAK	GRIP	CB	CAMPAK
*Call Jabo Supply							PEP (sidr7)	PVC IPS	FIP	FIP	FIP	MIP
INLET	OUTLET	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	202NL-B1B1	*	202NL-H1H1	*	*	na	*	*	*	*	*
5/8"	5/8"	202NL-B2B2	*	202NL-H2H2	*	*	na	*	*	*	*	*
5/8"	3/4"	*	*	202NL-H2H3	*	*	na	*	202NL-B2F3	*	202NL-H2F3	<b>031-52000</b>
3/4"	1/2"	*	*	202NL-H3H1	*	*	na	*	na	*	na	<b>031-52005</b>
3/4"	3/4"	<b>031-12844</b>	<b>031-13026</b>	<b>031-13092</b>	<b>031-13344</b>	202NL-PJ3PJ3	<b>031-12857</b>	202NL-PJ3PJ3	<b>031-12848</b>	<b>**031-13756</b>	202NL-H3F3	*
1"	1/2"	*	*	202NL-H4H1	*	*	na	*	*	*	*	*
1"	3/4"	*	*	202NL-H4H3	*	*	na	*	*	*	*	*
1"	1"	<b>031-12860</b>	202NL-GJ4GJ4	031-13144	<b>031-13352</b>	202NL-PJ4PJ4	*	202NL-PJ4PJ4	202NL-B4F4	*	202NL-H4F4	*
1-1/4"	1-1/4"	202NL-B5B5	*	202NL-H5H5	202NL-PE5PE5	202NL-PJ5PJ5	na	202NL-PJ5PJ5	202NL-B5F5	*	202NL-H5F5	*
1-1/2"	1-1/2"	202NL-B6B6	202NL-GJ6GJ6	202NL-H6H6	202NL-PE6PE6	202NL-PJ5PJ6	na	202NL-PJ6PJ6	202NL-B6F6	*	202NL-H6F6	5132-441
2"	2"	<b>031-12884</b>	202NL-GJ7GJ7	202NL-H7H7	202NL-PE7PE7	202NL-PJ5PJ7	*	202NL-PJ7PJ7	202NL-B7F7	*	<b>031-13212</b>	5149-447

**\*\*031-13756 is a 204NL Reduced Port**

**51XX- Manufacture#**

031-Jabo Stock #		FIP X FIP
202NL- Manufacturer #		
*Call Jabo Supply		
INLET	OUTLET	JABO#
1/2"	1/2"	202NL-F1F1
3/4"	3/4"	<b>031-12972</b>
1"	1"	<b>031-12984</b>
1-1/4"	1-1/4"	<b>031-13004</b>
1-1/2"	1-1/2"	<b>031-13008</b>
2"	2"	<b>031-13016</b>

**OTHER CONNECTIONS AVAILABLE-  
CALL YOUR CSR FOR ADDITIONAL  
INFORMATION**

**IF LOCK IS NEEDED SEE STRAIGHT  
METER VALVES**

*Full Port Series 212NL*



WATERWORKS BRASS

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CURB BOXES



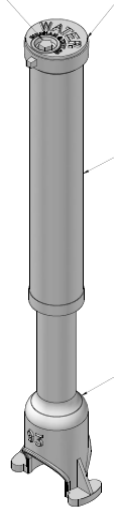

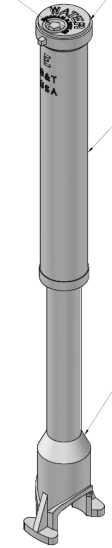
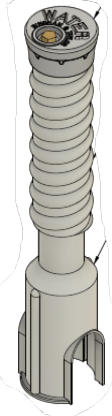
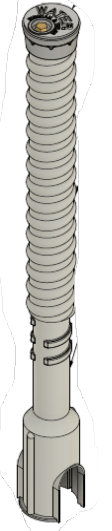
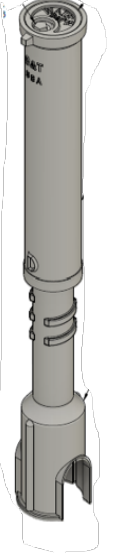
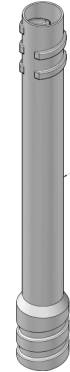
# CURB BOXES

CAST IRON & PLASTIC

## WATERWORKS BRASS

### CURB BOXES

#### CURB BOXES PLASTIC & CAST IRON

<p><b>135-XXXXX- Jabo Stock #</b></p> <p style="background-color: #8B4513; color: white; padding: 5px; text-align: center;">Call Jabo Supply</p>							
<b>INDENTIFICATION#</b>	<b>I2B93DW</b>	<b>I2B93DWF</b>	<b>I2B94EW</b>	<b>P02ZHC2128W</b>	<b>P02ZHC3352W</b>	<b>CIP02ZHC3146W</b>	<b>P2E152</b>
Bottom Section	CI	CI	CI	PLASTIC		PLASTIC	Extension
Top Section	CI	CI	CI	PLASTIC/ PI RIM		CI	
Lid Type	NON FLUSH	FLUSH LID	NON FLUSH	NON FLUSH		NON FLUSH	
<b>BURY DEPTH</b>	<b>PART #</b>	<b>PART #</b>	<b>PART #</b>	<b>PART #</b>	<b>PART #</b>	<b>PART #</b>	<b>PART #</b>
33"-46" CAST IRON	<b>135-41310</b>	<b>135-41315</b>					
40"-60" CAST IRON			<b>135-41318</b>				
21"-28" BISON				<b>135-41320</b>			
33"-52" BISON					<b>135-41330</b>		
31"-46" BISON						<b>135-41375</b>	
16" Extension							<b>135-41500</b>

WATERWORKS BRASS

SERVICE LINE FITTINGS

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# SERVICE LINE FITTINGS

## WATERWORKS BRASS

### SERVICE LINE FITTINGS

#### 81NL-End Nuts

CTS COMPRESSION END NUTS			IPS END NUTS		
CAMPAK	GRIP JOINT -w/Ring	CB COMPRESSION	PEP SIDR 7	PVC IPS	IP GALVANIZED PIPE
					

COPPER FLARE	DUAL PURPOSE
	



**031-Jabo#**

81NL- Manufacture #

\* Call Jabo Supply

**CALL JABO SUPPLY**





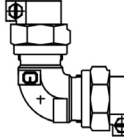
NAME	CTS COMPRESSION			IPS COMPRESSION			COPPER	DUAL
OD RANGE	CAMPAK	GRIP JOINT	CB	PEP SIDR	PVC IPS	IP GAL	FLARE	PUPOSE
SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
1/2"	81-B1	*	81-H1	*	*	81-IP1	81-C1	*
5/8"	<b>031-24092</b>	*	81-H2	*	*	*	81-C2	*
3/4"	<b>031-24096</b>	<b>031-24152</b>	<b>031-24172</b>	<b>031-24244</b>	*	81-IP3	81-C3	<b>031-25812</b>
1"	<b>031-24100</b>	<b>031-24156</b>	<b>031-24176</b>	<b>031-24248</b>	81-PJ4	81-IP4	81-C4	<b>031-25816</b>
1-1/4"	81-B5	*	81-H5	81-PE5	81-PJ5	*	81-C5	*
1-1/2"	81-B6	*	81-H6	81-PE6	81-PJ6	*	81-C6	*
2"	<b>031-24112</b>	*	81-H7	81-PE7	81-PJ7	*	81-C7	*

## WATERWORKS BRASS




### SERVICE LINE FITTINGS

#### Picture Index

#### 105NL- 90 Degree Elbows

CTS X CTS			IPS	
CAMPAK X CAMPAK	GRIP X GRIP	CB X CB COMPRESSION	PEP SIDR 7 X PEP SIDR 7 (IPS X IPS)	PVC X PVC (IPS X IPS)
				
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>



CTS X FIP			CTS X MIP		
CAMPACK X FIP (CTS X FIP)	GRIP X FIP (CTS X FIP)	CB X FIP (CTS X FIP)	CAMPACK X MIP (CTS X MIP)	GRIP X MIP (CTS X MIP)	CB X MIP (CTS X MIP)
					
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

COPPER FLARE X COPPER FLARE			PVC	
X COPPER FLARE	COPPER FLARE X FIP	COPPER FLARE X MIP	PVC X PVC	CAMPACK / GRIP / CB/T-GRIP
				
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>

## WATERWORKS BRASS

SERVICE LINE FITTINGS  
105NL- 90 Degree Elbows

<b>90 DEGREE ELBOWS 150NL</b>												
031-Jabo Stock #		CTS X CTS			IPS X IPS		CTS X FIP			CTS X MIP		
105NL- Manufacturer #		CAMPAK X CAMPAK	GRIP JOINT X GRIP JOINT	CB X CB	PEP SIDR 7	PVC	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB
*Call Jabo Supply		FIP	FIP	FIP	MIP	MIP	MIP	MIP	MIP	MIP	MIP	MIP
INLET SIZE	OUTLET SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
5/8"	3/4"	*	*	*	*	*	*	*	*	*	*	*
3/4"	3/4"	<b>031-10016</b>	<b>031-10120</b>	<b>031-10144</b>	<b>031-10309</b>	<b>031-10244</b>	<b>031-10020</b>	<b>031-10116</b>	<b>031-10140</b>	<b>031-10024</b>	<b>031-10124</b>	<b>031-10148</b>
1"	1"	<b>031-10028</b>	<b>031-10128</b>	<b>031-10156</b>	<b>031-10310</b>	<b>031-10252</b>	<b>031-10032</b>	*	<b>031-10152</b>	<b>031-10036</b>	<b>031-10132</b>	<b>031-10160</b>
1-1/2"	1-1/2"	<b>031-10040</b>	*	105NL-H6H6	*	*	105NL-B6F6	*	105NLH6F6	105NL-B6M6	*	105NL-H6M6
2"	2"	<b>031-10048</b>	*	105NL-H7H7	*	*	031-10052	*	105NLH7F7	105NL-B7M7	*	105NL-H7M7

031-Jabo Stock #		COPPER FLARE			PVC X PVC	CTS X PVC			
105NL- & 51XX Manufacturer #		X COPPER FLARE	X MIP	X FIP	PVC X PVC	CAMPAK	GRIP	CB	T-GRIP
*Call Jabo Supply		PVC							
INLET SIZE	OUTLET SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
5/8"	3/4"	*	*	*	*	*	*	*	*
3/4"	3/4"	105NL-C3C3	105NL-C3M3	105NL-C3F3	5120-166	5120-438	5119-156	5183-402	5120-441
1"	1"	105NL-C4C4	105NL-C4M4	105NL-C4F4	5131-210	5141-435	*	*	*
3/4"	1"				*	5141-451	*	*	*
1-1/4"	1-1/4"				5130-025	*	*	*	*
1-1/2"	1-1/2"	105NL-C5C5	105NL-C5M5	105NL-C5F5	5132-204	*	*	*	*
2"	2"	105NL-C7C7	105NL-C7M7	105NL-C7F7	<b>031-50100</b>	*	*	*	*

**45 DEGREE ELBOWS ARE AVAILABLE  
UPON REQUEST. CALL YOUR CSR  
FOR MORE INFORMATION**












**031-XXXXX Jabo Part#**  
105NL / 51XX-Manufacture#  
\* Call Jabo Supply




## WATERWORKS BRASS

### SERVICE LINE FITTINGS

Picture Index

Tees / Wyes

<b>150NL TEES</b>					
<b>CTS X CTS</b>			<b>IPS</b>		<b>COPPER FLARE</b>
<i>CAMPAK</i>	<i>GRIP</i>	<i>CB COMPRESSION</i>	<i>PEP SIDR 7</i>	<i>PVC IPS</i>	<i>COPPER FLARE</i>
				PICTURE NOT AVAILABLE	
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>	<b>STOCK</b>
<b>151NL TEES</b>					
<b>CTS X FIP BRANCH</b>			<b>CTS X MIP BRANCH</b>		
<i>CAMPAK X FIP</i>	<i>GRIP X FIP</i>	<i>CB X FIP</i>	<i>CAMPAK X MIP</i>	<i>GRIP X MIP</i>	<i>CB X MIP</i>
	NO PICTURE AVAILABLE			NO PICTURE AVAILABLE	
<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>

<b>152NL SERVICE WYE BRANCHES</b>		
<b>CTS</b>		
<i>CAMPAK X CAMPAK</i>	<i>GRIP X GRIP</i>	<i>CB X CB COMPRESSION</i>
		
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>



## WATERWORKS BRASS

### SERVICE LINE FITTINGS

150NL-Tees (Like Ends) / 151 Tees (Different Ends) 152NL Wyes

		TEE (150NL) LIKE END CONNECTIONS						TEE (151NL) DIFFERENT END CONNECTIONS					
031-Jabo Stock #		CTS X CTS			IPS X IPS		COPPER FLARE X COPPER FLARE	CTS X FIP			CTS X MIP		
150/151NL- Manufacturer #		CAMPAK	GRIP JOINT	CB	PEP SIDR 7	PVC		CAMPAK	GRIP	CB	CAMPAK	GRIP	CB
*Call Jabo Supply								FIP	FIP	FIP	MIP	MIP	MIP
INLET	BRANCH	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
3/4"	3/4"	031-12372	031-12408	031-12416	031-12480	*	150NL-C3C3	151NL-B3F3	*	151NL-H3F3	151NL-B3M3	*	151NL-H3M3
3/4"	1"	031-12376	031-12410	031-12420	*	*	*	*	*	*	*	*	*
1"	3/4"	031-12378	031-12411	031-12424	*	*	*	*	*	*	*	*	*
1"	1"	031-12380	031-12412	031-12428	031-12533	*	150NL-C3C3	151NL-B4F4	*	151NL-H4F4	151NL-B4M4	*	151NL-H4M4
1-1/2"	3/4"	150NL-B6B3	*	150NL-H6H3	*	*	*	*	*	151NL-H6F3	*	*	*
1-1/2"	1-1/2"	031-12384	*	150NL-H6H6	*	*	*	151NL-B6F6	*	151NL-H6F6	*	*	*
2"	3/4"	031-12388	*	150NL-H7H3	*	*	*	*	*	151NL-H7F3	*	*	*
2"	1"	031-12392	*	150NL-H7H4	*	*	*	*	*	151NL-H7F4	*	*	*
2"	2"	031-12396	*	031-12448	*	*	*	151NL-B7F7	*	*	*	*	*

		WYE 152NL					
031-Jabo Stock #		CTS X CTS			IPS X IPS		COPPER FLARE X COPPER FLARE
152NL- Manufacturer #		CAMPAK X CAMPAK	GRIP JOINT X GRIP JOINT	CB X CB	PEP SIDR 7	PVC	
*Call Jabo Supply							
INLET	BRANCH	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
3/4"	3/4"	031-12535	*	031-12552	*	*	*
1"	3/4"	031-12536	031-12570	031-12556	*	*	152NL-C4C3
1"	1"	031-12537	*	031-12560	*	*	*
1-1/2"	1"	152NL-B6B4	*	*	*	*	*
2"	1"	152NL-B7B4	*	*	*	*	*

**031-XXXXX Jabo Part#**

150NL / 151NL / 152NL Manufacture #

\* Call Jabo Supply











## WATERWORKS BRASS

### SERVICE LINE FITTINGS









Picture Index

Couplings



### LIKE END CONNECTIONS

CTS			IPS TYPE PIPES			WIDE RANGE	
CAMPAK	GRIP JOINT	CB COMPRESSION	PEP SIDR 7	PVC IPS	IP GALVANIZED PIPE	RANGER	(1/4 DIFFENCE)
							
STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	STOCK

### DIFFERENT EIND CONNECTIONS

CTS X SIDR 7			CTS X PVC		CTS X IP GALVANIZED		
CAMPAK X PVC IPS	CAMPAK X SIDR 7	CB X SIDR 7	CAMPAK X PVC IPS	CB X PVC	CAMPAK X IP GALVANIZED	GRIP X IP GALVANIZED	CB X IP GALVANIZED
							
STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	NON STOCK

### IPS SIDR 7 X IPS PVC

PEP SIDR 7 X PVC IPS	PEP SIDR 7 X IP GALVANIZED
	
NON STOCK	NON STOCK











## WATERWORKS BRASS

### SERVICE LINE FITTINGS

*Picture Index*

*Couplings*

<b>LIKE END CONNECTIONS</b>							<b>DIFFERENT</b>
<b>CTS</b>			<b>IPS TYPE PIPES</b>			<b>FLARE</b>	
<i>CAMPACK</i>	<i>GRIP JOINT</i>	<i>CB COMPRESSION</i>	<i>PEP SIDR 7</i>	<i>PVC IPS</i>	<i>IP GALVANIZED PIPE</i>	<i>FLARE</i>	<i>CB X FLARE</i>
							
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>STOCK</b>



## WATERWORKS BRASS

### SERVICE LINE FITTINGS

#### Couplings

119NL Without Stops

### LIKE END CONNECTIONS

031-Jabo Stock #		CTS X CTS			IPS X IPS			WIDE RANGE	
119NL- Manufacturer #		CAMPAK X CAMPAK	GRIP JOINT X GRIP JOINT	CB X CB	PEP SIDR 7	PVC	IP GALVANIZED	RANGER	CAMBRIDGE
*Call Jabo Supply								SIZE ON SIZE	1/4 DIFFERENCE
INLET SIZE	OUTLET SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	119NL-B1B1	*	119NL-H1H1	*	*	119NL-IP1IP1	*	*
5/8"	5/8"	119NL-B2B2	*	119NL-H2H2	*	*	*	*	<b>031-12260</b>
5/8"	3/4"	119NL-B2B3	*	*	*	*	*	*	<b>031-12264</b>
3/4"	1/2"	*	*	*	*	*	*	*	*
3/4"	3/4"	<b>031-11764</b>	<b>031-11920</b>	<b>031-11980</b>	<b>031-12172</b>	<b>031-12228</b>	119NL-IP3IP3	<b>031-11908</b>	<b>031-12268</b>
3/4"	1"	<b>031-11804</b>	<b>031-11940</b>	<b>031-12004</b>	<b>031-12176</b>	*	*	<b>031-11912</b>	<b>031-12272</b>
3/4"	1-1/4"	<b>031-51000</b>	*	119NL-H3H5	*	*	*	*	*
1"	1/2"	*	*	119NL-H4H1	*	*	*	*	*
1"	3/4"	<b>031-11804</b>	<b>031-11940</b>	<b>031-12004</b>	<b>031-12176</b>	*	119NL-IP4IP3	<b>031-11912</b>	<b>031-12272</b>
1"	1"	<b>031-11808</b>	<b>031-11944</b>	<b>031-12044</b>	<b>031-12196</b>	<b>031-12244</b>	119NL-IP4IP4	<b>031-11916</b>	<b>031-12276</b>
1"	1-1/4"	*	*	*	*	*	*	*	<b>031-12280</b>
1-1/4"	1"	119NL-B5B4	*	119NL-H5H4	*	*	*	*	<b>031-12280</b>
1-1/4"	1-1/4"	<b>031-11840</b>	*	119NL-H5H5	<b>031-12204</b>	<b>031-12248</b>	*	119NL-E5E5	<b>031-12284</b>
1-1/4"	1-1/2"	*	*	*	*	*	*	*	<b>031-12288</b>
1-1/2"	1-1/2"	<b>031-11844</b>	*	119NL-H6H6	<b>031-12208</b>	<b>031-12252</b>	*	<b>031-11918</b>	<b>031-12292</b>
1-1/2"	2"	*	*	119NL-H6H7	*	na	*	*	<b>031-12296</b>
2"	2"	<b>031-11856</b>	*	<b>031-12124</b>	<b>031-12212</b>	<b>031-12256</b>	*	119NL-E7E7	<b>031-12300</b>
SIZE	LENGTH	<b>LONG BODY COUPLINGS</b>							
3/4" x 3/4"	4.75	<b>031-051020</b>	*	*					

031-XXXXX Jabo Part#

119NL Manufacture #

\* Call Jabo Supply

## WATERWORKS BRASS

### SERVICE LINE FITTINGS

#### Couplings

119NL Without Stops

### DIFFERENT END CONNECTIONS

031-Jabo Stock #		CTS X IPS PEP (SIDR 7)			CTS X IPS PVC		CTS X IPS IP GALVANIZED			IPS X IPS	
119NL- Manufacturer #		CAMPAK	CB	GRIP	CAMPAK	CB	CAMPAK	GRIP JOINT	CB	PEP SIDR 7	PEP SIDR 7
*Call Jabo Supply		PEP SIDR 7	PEP SIDR 7	PEP SIDR 7	PVC	PVC	IP	IP	IP	PVC	IP GAL
INLET SIZE	OUTLET SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	*	*	*	*	*	*	*	119NL-H1IP1	*	*
5/8"	5/8"	*	*	*	*	*	*	*	*	*	*
5/8"	3/4"	*	*	*	*	*	*	*	*	*	*
3/4"	1/2"	*	*	*	<b>031-11768</b>	*	*	*	119NL-H3IP1	*	*
3/4"	3/4"	<b>031-11780</b>	<b>031-12012</b>	*	<b>031-11788</b>	<b>031-12020</b>	<b>031-11772</b>	<b>031-12000</b>	119NL-H3IP3	*	119NL-PE3IP3
3/4"	1-1/4"	*	*	*	*	*	*	*	*	*	*
3/4"	1"	<b>031-11784</b>	<b>031-12016</b>	*	<b>031-11792</b>	<b>031-12024</b>	<b>031-11776</b>	<b>031-12004</b>	119NL-H3IP4	*	119NL-PE3IP4
1"	1/2"	*	*	*	*	*	*	*	*	*	*
1"	3/4"	<b>031-11820</b>	<b>031-12068</b>	*	<b>031-11828</b>	<b>031-12076</b>	<b>031-11812</b>	<b>031-12060</b>	119NL-H4IP3	*	119NL-PE4IP3
1"	1"	<b>031-11824</b>	<b>031-12072</b>	*	<b>031-11832</b>	<b>031-12080</b>	<b>031-11816</b>	<b>031-12064</b>	119NL-H4IP4	*	119NL-PE4IP4
1-1/4"	1"	*	*	*	*	*	*	*	*	*	*
1-1/4"	1-1/4"	*	*	*	*	*	*	*	*	*	*
1-1/4"	1-1/2"	*	*	*	*	*	*	*	*	*	*
1-1/2"	1-1/2"	119NL-B6PE6	119NL-H6PE6	*	119NL-B6PJ6	119NL-H6PJ6	*	*	*	*	*
1-1/2"	2"	*	*	*	*	*	*	*	*	*	*
2"	2"	<b>031-11860</b>	119NL-H7PE7	*	<b>031-11864</b>	119NL-H7PJ7	*	*	*	*	*

031-XXXXX Jabo Part#

119NL Manufacture #

\* Call Jabo Supply



## WATERWORKS BRASS

### SERVICE LINE FITTINGS

#### Couplings

#### 118NL Couplings With Stops

### LIKE END CONNECTIONS

### DIFFERENT

031-Jabo Stock #		CTS X CTS			IPS X IPS			COPPER FLARE X COPPER FLARE	CTS (CB) X COPPER FLARE
118NL- Manufacturer #		CAMPAK X CAMPAK	GRIP JOINT X GRIP JOINT	CB X CB	PEP	PVC	IP GALVANIZED		
*Call Jabo Supply									
INLET	OUTLET	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	118NL-B1B1	*	031-11520	*	*	*	118NL-C1C1	*
5/8"	1/2"	118NL-B2B1	*	118NL-H2H1	*	*	*	118NL-C2B1	*
3/4"	1/2"	<b>031-11408</b>	*	118NL-H3H1	*	*	*	118NL-C3C1	*
3/4"	5/8"	118NL-B3B2	*	118NL-H3H2	*	*	*	118NL-C3C2	*
3/4"	3/4"	118NL-B3B3	118NL-GJ3GJ3	<b>031-11552</b>	*	*	*	118NL-C3C3	<b>031-11536</b>
3/4"	1"	118NL-B4B3	118NL-GJ3GJ4	118NL-H3H4	*	*	*	118NL-C3C4	118NL-H3C4
1"	5/8"	118NL-B4B2	*	118NL-H4H2	*	*	*	118NL-C4C2	
1"	3/4"	118NL-B4B3	118NL-GJ4GJ3	118NL-H4H3	*	*	*	118NL-C4C3	*
1"	1"	118NL-B4B4	118NL-GJ4GJ4	118NL-H4H4	*	*	*	118NL-C4B4	<b>031-11576</b>
1-1/4"	1"	118NL-B5B4	*	*	*	*	*	118NL-C5C4	
1-1/4"	1-1/4"	118NL-B5B5	*	118NL-H5H5	*	*	*	118NL-C5C5	118NL-H5C5
1-1/2"	1-1/2"	118NL-B6B6	*	118NL-H4H4	*	*	*	118NL-C6C6	118NL-H6C6
1-1/2"	2"	*	*	*	*	*	*	*	118NL-H6C7
2"	2"	118NL-B7B17	*	<b>031-12124</b>	*	*	*	118NL-C7C7	*

**031-XXXXX Jabo Part#**

118NL Manufacture #







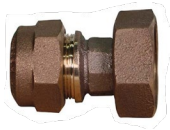
\* Call Jabo Supply









## WATERWORKS BRASS

### SERVICE LINE FITTINGS

*Picture Index*  
117NL Adapters



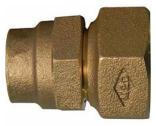





CTS						
CAMPACK	GRIP JOINT	CB COMPRESSION	CAMPACK	GRIP JOINT	CB COMPRESSION	CB COMPRESSION
FIP			MIP			DUAL PURPOSE
						
STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	STOCK

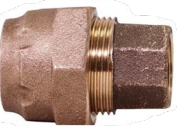
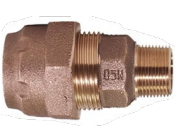


COPPER FLARE			CTS X FEMALE COPPER FLARE		
			CAMPACK	GRIP JOINT	CB COMPRESSION
FIP	MIP	FEMALE COPPER FLARE	FEMALE COPPER FLARE-COPPER WASHER INCLUDED		
					
STOCK	STOCK	NON STOCK	STOCK	NON STOCK	STOCK

## WATERWORKS BRASS

### SERVICE LINE FITTINGS

#### 117NL Adapters

PEP SIDR 7				PVC IPS		IP GALVANIZED	
FIP	MIP	FEMALE COPPER FLARE	BRITISH STD MIP	FIP	MIP	FIP	MIP
							
STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	STOCK

WIDE RANGE			
RANGER		CAMBRIDGE	
FIP	MIP	FIP	MIP
			
STOCK	STOCK	STOCK	STOCK



## WATERWORKS BRASS

### SERVICE LINE FITTINGS

117NL Adapters

CTS Adapters

### CTS

031-Jabo Stock #		CTS X FIP			CTS X MIP			CTS x DUAL PURPOSE UNION		
117NL- Manufacturer #		CAMPAK	GRIP	CB	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB
*Call Jabo Supply		FIP			MIP			DP UNION		
INLET	OUTLET	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	<b>031-10384</b>	*	117NL-H1F1	<b>031-10392</b>	*	117NL-H1M1	*	*	*
1/2"	3/4"	<b>031-10388</b>	*	117NL-H1F3	<b>031-10396</b>	*	117NL-H1M3	*	*	*
5/8"	1/2"	*	*	*	117NL-B2M1	*	117NL-H2M3	*	*	*
5/8"	3/4"	117NL-B2F3	*	*	117NL-B2M3	*	117NL-H3M3	*	*	*
3/4"	1/2"	<b>031-10416</b>	117NL-GJ3F1	<b>031-10764</b>	<b>031-10428</b>	117NL-GJ3F1	<b>031-10780</b>	*	*	*
3/4"	3/4"	<b>031-10420</b>	<b>031-10684</b>	<b>031-10768</b>	<b>031-10432</b>	<b>031-10696</b>	<b>031-10784</b>	*	*	<b>031-50150</b>
3/4"	1"	<b>031-10424</b>	<b>031-10688</b>	<b>031-10776</b>	<b>031-10436</b>	<b>031-10700</b>	<b>031-10792</b>	*	*	*
1"	3/4"	<b>031-10448</b>	117NL-GJ4F3	<b>031-10820</b>	<b>031-10460</b>	<b>031-10716</b>	<b>031-10832</b>	*	*	*
1"	1"	<b>031-10452</b>	<b>031-10712</b>	<b>031-10824</b>	<b>031-10464</b>	<b>031-10720</b>	<b>031-10840</b>	*	*	*
1-1/4"	1"	117NL-B5F4	*	*	117NL-B5M4	*	117NL-H5M4	*	*	*
1-1/4"	1-1/4"	<b>031-10488</b>	*	117NL-H5F5	<b>031-10496</b>	*	117NL-H5M5	*	*	*
1-1/2"	1"	*	*	*	*	*	117NL-H6M4	*	*	*
1-1/2"	1-1/4"	*	*	*	*	*	117NL-H6M5	*	*	*
1-1/2"	1-1/2"	<b>031-10500</b>	*	117NL-H6F6	<b>031-10504</b>	*	117NL-HJ6M6	*	*	*
2"	2"	<b>031-10512</b>	*	<b>031-10908</b>	<b>031-10516</b>	*	<b>031-10912</b>	*	*	*

GOES FROM DUAL PURPOSE NUT TO CTS

**031-XXXXX Jabo Part#**

117NL Manufacture #

\* Call Jabo Supply

## WATERWORKS BRASS

### SERVICE LINE FITTINGS

117NL Adapters

Copper Flare

#### COPPER FLARE

#### CTS X COPPER FLARE

031-Jabo Stock #		COPPER FLARE			CTS X FEMALE COPPER FLARE		
117NL- Manufacturer #		FIP	MIP	FEMALE COPPER	CAMPAK	GRIP	CB
*Call Jabo Supply							
					FEMALE COPPER FLARE -COPPER WASHER INCLUDED		
INLET	OUTLET	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	117NLC1F1	117NL-C1M1	*	*	*	117NL-H1P1
1/2"	3/4"	117NL-C2F3	117NL-C1M3	117NL-C1P3	*	*	*
5/8"	1/2"	*	117NL-C2M1	*	*	*	*
5/8"	5/8"	*	*	*	117NL-B2P2	*	117NL-H2P2
5/8"	3/4"	117NL-C2F3	117NL-C2M3	*	*	*	*
3/4"	1/2"	*	117NL-C3M1	*	*	*	*
3/4"	5/8"	*	*	*	117NL-B3P2	*	117NL-H3P3
3/4"	3/4"	<b>031-10560</b>	<b>031-10580</b>	*	<b>031-10444</b>	117NL-GJ3P3	<b>031-10808</b>
3/4"	1"	117NL-C3F4	117NL-C3M4	117NL-C3P4	*	*	117NL-H3P4
1"	3/4"	117NL-C4F3	117NL-C4M3	117NL-C4P3	*	*	117NL-H4P3
1"	1"	117NL-C4F4	117NLC4M4	*	<b>031-10476</b>	117NL-GJ4P4	<b>031-10856</b>
1"	1-1/4"	*	*	*	117NLB4P5	*	*
1-1/4"	3/4"	*	*	*	*	*	*
1-1/4"	1"	*	*	*	*	*	*
1-1/4"	1-1/4"	*	117NLC5M5	*	*	*	*
1-1/2"	1-1/2"	117NL-C6F6	117NL-C6M6	*	117NL-B6P6	*	117NL-H6P6
2"	1-1/2"	*	*	*	*	*	*
2"	2"	117NL-C7F7	117NL-C7M7	*	117NL-B7P7	*	117NL-H7P7

**031-XXXXX Jabo Part#**

117NL Manufacture #

\* Call Jabo Supply

## WATERWORKS BRASS

### SERVICE LINE FITTINGS

*117NL Adapters*

*IPS Adapters*

### IPS

031-Jabo Stock #		PEP IPS (SIDR 7)				PVC IPS		IP GALVANIZED	
117NL- Manufacturer #		<i>FIP</i>	<i>MIP</i>	<i>FEMALE FLARE</i>	<i>BRITISH STD MIP</i>	<i>FIP</i>	<i>MIP</i>	<i>FIP</i>	<i>MIP</i>
*Call Jabo Supply									
INLET	OUTLET	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	*	*	*	*	*	*	*	117NL-IP1M1
5/8"	1/2"	*	*	*	*	*	*	117NL-IP2F1	
5/8"	3/4"	*	*	*	*	*	*	*	*
3/4"	3/4"	<b>031-11096</b>	<b>031-11104</b>	<b>031-50010</b>	<b>031-11092</b>	<b>031-11180</b>	<b>031-11188</b>	<b>031-10948</b>	<b>031-10952</b>
3/4"	1"	<b>031-11100</b>	<b>031-11108</b>	*	*	<b>031-11184</b>	<b>031-11192</b>	*	<b>031-10956</b>
1"	3/4"	117NL-PE4F3	<b>031-11132</b>	*	*	<b>031-11204</b>	<b>031-11216</b>	<b>031-10964</b>	<b>031-10972</b>
1"	1"	<b>031-11124</b>	<b>031-11136</b>	*	*	<b>031-11208</b>	<b>031-11220</b>	<b>031-10968</b>	<b>031-10976</b>
1"	1-1/4"	<b>031-51275</b>	<b>031-51250</b>	*	*	117NL-PJ4F5	*	*	*
1-1/4"	1-1/4"	<b>031-11140</b>	<b>031-11144</b>	*	*	117NL-PJ5F5	<b>031-11228</b>	*	*
1-1/4"	1"	*	*	*	*	*	*	*	*
1-1/2"	1"	117NL-PE6F4	<b>031-11156</b>	*	*	117NL-PJ6F4	117NLPJ6M4	*	*
1-1/2"	1-1/2"	117NLPJ6F6	<b>031-11160</b>	*	*	<b>031-11236</b>	<b>031-11244</b>	*	*
2"	2"	<b>031-11168</b>	<b>031-11172</b>	*	*	<b>031-11248</b>	<b>031-11252</b>	*	*

031-XXXXX Jabo Part#

117NL Manufacture #

\* Call Jabo Supply

## WATERWORKS BRASS

### SERVICE LINE FITTINGS

#### *117NL Adapters*

#### Wide Range Adapters

031-Jabo Stock #		WIDE RANGE			
117NL- Manufacturer #		RANGER		CAMBRIDGE	
*Call Jabo Supply		FIP	MIP	FIP	MIP
INLET	OUTLET	JABO#	JABO#	JABO#	JABO#
1/2"	1/2"	*	*	*	*
5/8"	1/2"	*	*	*	*
5/8"	3/4"	*	*	117NL-U2F3	117NL-U2M3
3/4"	3/4"	<b>031-10636</b>	<b>031-10640</b>	<b>031-11328</b>	<b>031-11332</b>
3/4"	1"	117NL-E3F4	117NL-E3M4	*	*
1"	3/4"	117NL-E4F3	117NL-E4M3	*	*
1"	1"	<b>031-10644</b>	<b>031-10648</b>	<b>031-11344</b>	<b>031-11348</b>
1"	1-1/4"	*	*	*	*
1-1/4"	1-1/4"	<b>031-10650</b>	<b>031-10649</b>	*	*
1-1/4"	1"	*	*	117NL-U5F4	117NL-U5M4
1-1/4"	1-1/2"	*	*	117NL-U5F6	117NL-U5M6
1-1/2"	1"	*	*	*	*
1-1/2"	1-1/2"	117NL-E6F6	117NL-E6M6	117NL-U6F6	117NL-U6M6
2"	2"	117NL-E7F7	117NL-E7M7	<b>031-11376</b>	<b>031-11380</b>

**031-XXXXX Jabo Part#**

117NL Manufacture #

\* Call Jabo Supply

## WATERWORKS BRASS

### SERVICE LINE FITTINGS

*Stiffeners CTS / IPS*

### CTS

TUBE TYPE	CTS		
<b>SDR TUBE</b>	<i>SDR 9 TUBE SIZE</i>		
<b>LENGTH</b>	<i>STD</i>	Short	STD
<b>MATERIAL</b>	<i>STAINLESS STEEL</i>		<i>PLASTIC</i>
<b>SIZE</b>	<i>PART#</i>	<i>PART#</i>	<i>PART#</i>
3/4"	<b>031-29112</b>	<b>031-29115</b>	<b>031-29560</b>
1"	<b>031-29120</b>	<b>031-29125</b>	<b>031-29565</b>
1-1/4"	<b>031-29128</b>	*	*
1-1/2"	<b>031-29132</b>	*	*
2"	<b>031-29136</b>	*	*

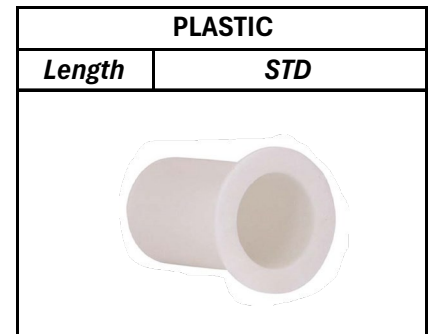
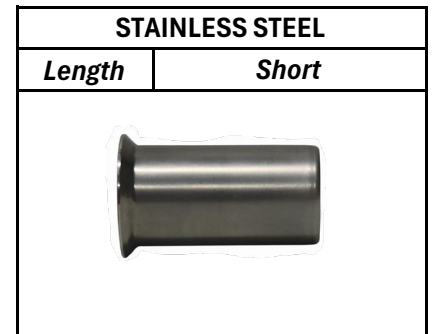
### IPS SIZE

TUBE TYPE	IPS SIZE			
<b>MATERIAL</b>	<i>STAINLESS STEEL</i>			
<b>SIDR / PVC</b>	<i>**PEP</i>	<i>SDR</i>		
<b>SDR TUBE</b>	<i>SIDR 7</i>	9	11	17
<b>ID/OD</b>	<i>ID CONTROL</i>	<i>OD CONTROL</i>	<i>OD CONTROL</i>	<i>OD CONTROL</i>
<b>LENGTH</b>	<i>STD</i>	<i>STD</i>	<i>STD</i>	<i>STD</i>
<b>SIZE</b>	<i>PART#</i>	<i>PART#</i>	<i>PART#</i>	<i>PART#</i>
3/4"	<b>031-29144</b>	88-3	*	*
1"	<b>031-29148</b>	88-4	*	*
1-1/4"	<b>031-29152</b>	88-5	89-5	84-5
1-1/2"	<b>031-29156</b>	88-6	<b>031-29188</b>	84-6
2"	<b>031-29160</b>	88-7	<b>031-29192</b>	84-7

**031-XXXXX Jabo Part#**

8x- Manufacture #

\* Call Jabo Supply




## WATERWORKS BRASS

### SERVICE LINE FITTINGS

#### U-Branch


90 Degree Inlet to Outlet U-Branch / Straight Inlet to Outlet U-Branch

TYPE OF BRANCH			90 DEGREE INLET TO OUTLET U-BRANCH			METER THREAD X MIP
CONNECTION TYPE			CTS		Meter Thread	
INLET			Campak	CB		
BRANCH			MIP	MIP	MIP	
INLET SIZE	OUTLET SIZE	SPREAD	PART#	PART#	PART#	
3/4"	3/4"	6.5	171N-LB4M3	171NL-H4M3	171NL-N3M3	
1"	3/4"	7.5	*	*	171NL-N4M3	

**PICTURES NOT AVAILABLE**

\*Campak X MIP

\*CB X MIP

TYPE OF BRANCH			STRAIGHT INLET TO OUTLET U-BRANCH				FIP X MIP X MIP
CONNECTION TYPE			CTS			FIP	
INLET			Campak	Grip	CB		
BRANCH			MIP	MIP	MIP	MIP	
INLET SIZE	OUTLET SIZE	SPREAD	PART#	PART#	PART#	PART#	
1"	3/4"	5.5"	172NL-B4M3	*	172NL-H4M3	*	
1"	3/4"	6.5"	172NL-B4M3	172NL-GJ4M3	172NL-H4M36500	172NL-F4M36500	
1"	3/4"	7.5"	172NL-B4M37500	172NL-GJ4M37500	172NL-H4M37500	<b>031-12772</b>	
1-1/2"	1"	9"	*	*	172NL-H6M4	*	

**PICTURES NOT AVAILABLE**

\*Campak X MIP

\*Grip X MIP

\*CB X MIP

**031-XXXXX Jabo Part#**

172NL- Manufacture #

\* Call Jabo Supply



WATERWORKS BRASS

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METER VALVES










# METER VALVES







## WATERWORKS BRASS

### METER VALVES

#### PICTURE INDEX

*212NL-Straight Full Port Ball Valves 300 PSI*

CTS X CTS			CTS X FIP			FIP	
CAMPAK	GRIP JOINT	CB COMPRESSION	CAMPAK	GRIP JOINT	CB COMPRESSION	FIP	
CAMPAK	GRIP JOINT	CB COMPRESSION	FIP			FIP	METER CONNECTION
	<b>NO PICTURE AVAILABLE</b>						
STOCK	NON STOCK	STOCK	STOCK	NON STOCK	STOCK	STOCK	NON STOCK

CTS X METER CONNECTION			PVC X METER	COPPER FLARE	
CAMPAK	GRIP JOINT	CB COMPRESSION	PVC	COPPER FLARE	COPPER FLARE
METER CONNECTION			METER CONNECTION	FIP	METER CONNECTION
					
NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK



**WATERWORKS BRASS**

**METER VALVES**

*212NL-Straight Full Port Ball Valves 300 PSI*

*W/LOCKRING*

JABO SUPPLY		CTS									FIP	
INLET	OUTLET	CTS XCTS			CTS X FIP			CTS X METER CONNECTION			FIP X	
CONNECTION		CAMPAK	GRIP	CB	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB	FIP	METER
SIZE	SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
3/4"	3/4"	<b>031-14200</b>	*	<b>031-14564</b>	031-14196	212NL-GJ3F3	<b>031-14556</b>	212NL-B3T3	212NL-GJ3T3	212NL-H3T3	031-14376	212NL-F3T3
1"	3/4"	*	*	212NL-H4H3	212NL-B4F3	212NL-GJ4F3	212NL-H4F3	212NL-B4T3	212NL-GJ4T3	212NL-H3T4	212NL-F4F3	212NL-F4T3
1"	1"	<b>031-14228</b>	*	<b>031-14604</b>	<b>031-14240</b>	212NL-GJ4F4	<b>031-14596</b>	212NL-B4T4	212NL-GJ4T4	212NL-H4T4	<b>031-14436</b>	212NL-F4T4
1-1/4"	1-1/4"	*	*	212NL-H5H5	*	*	212NL-H5F5	*	*	*	212NLF5F5	*
1-1/2"	1-1/2"	212NL-B6B6	*	212NL-H6H6	212NL-B6F6	*	212NL-H6F6	212NL-B6MF6	*	212NL-H5MF6	212NL-F6F6	212NL-F6T6
2"	2"	212NL-B7B7	*	212NL-H7H7	*	*	212NL-H7F7	212NL-B7MF7	*	212NL-H7MF7	212NL-F7F7	212NL-F7M7

JABO SUPPLY		PVC	COPPER FLARE	
INLET	OUTLET	PVC	COPPER FLARE	
CONNECTION		METER CONNECTION	FIP	METER CONNECTION
SIZE	SIZE	PART#	PART#	PART#
3/4"	3/4"	212NL-PJ3T3	212NL-C3F3	212NL-C3T3
1"	3/4"	*	212NL-C4F3	212NL-C4T3
1"	1"	212NL-PJ4T4	212NL-C4F4	212NL-C4T3
1-1/4"	1-1/4"	*	*	*
1-1/2"	1-1/2"	*	*	*
2"	2"	*	*	*

**031-JABO PART#**

214NL-xxxx








\*Call Jabo Supply






## WATERWORKS BRASS

### METER VALVES

*224NL- Straight Reduced Port Ball Valve 300 PSI*

Picture Index

CTS X CTS			CTS X FIP			FIP	
CAMPAK	GRIP JOINT	CB COMPRESSION	CAMPAK	GRIP JOINT	CB COMPRESSION	FIP	
CAMPAK	GRIP JOINT	CB COMPRESSION	FIP			FIP	METER CONNECTION
	<b>NO PICTURE AVAILABLE</b>						
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>

CTS X METER CONNECTION			COPPER FLARE	
CAMPAK	GRIP JOINT	CB COMPRESSION	COPPER FLARE	COPPER FLARE
METER CONNECTION			FIP	METER CONNECTION
				
<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>



**WATERWORKS BRASS**

**METER VALVES**

*224NL- Straight Reduced Port Ball Valve 300 PSI*

*W/LOCKRING*

JABO SUPPLY		CTS									FIP	
INLET	OUTLET	CTS XCTS			CTS X FIP			CTS X METER CONNECTION			FIP X FIP	FIP X METER CONNECTION
CONNECTION	CONNECTION	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB	JABO#	JABO#
SIZE	SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	JABO#	JABO#
1/2"	1/2"	*	*	*	*	*	*	*	*	*	*	*
3/4"	3/4"	031-14820	031-14976	031-14988	031-14828	031-14972	031-14984	224NL-B3T3	224NL-GJ3T3	224NL-H3T3	031-14916	224NL-F3T3
1"	3/4"	*	*	*	*	*	031-15000	*	*	*	*	*
1"	1"	*	*	*	*	*	*	*	*	*	031-14968	*

JABO SUPPLY		COPPER FLARE	
INLET	OUTLET	COPPER FLARE	
		COPPER FLARE	METER CONNECTION
SIZE	SIZE	PART#	PART#
3/4"	3/4"	224NL-C3C3	224NL-C3T3
1"	3/4"	*	*
1"	1"	*	*

**031-JABO STOCK#**

214NL-xxxx

\*Call Jabo Supply







## WATERWORKS BRASS

### METER VALVES

*Picture Index*

*210NL- Angle Full Port Ball*

*Valves W/LOCK RING*

CTS		FIP		COPPER FLARE	
CTS X METER	CTS X FIP	FIP		COPPER FLARE	
CAMPAK / GRIP/ CB	CAMPAK / GRIP/ CB	FIP		COPPER FLARE	
METER CONNECTION	FIP	FIP	METER CONNECTION	FIP	METER CONNECTION
					
<b>STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>
Pic Shown as Camak	Pic Shown as Campak				

OUT LET  
INLET

**031-JABO STOCK#**

210NL-xxxx

\*Call Jabo Supply

**W/LOCK RING**

JABO SUPPLY		CTS						FIP		COPPER FLARE	
INLET	OUTLET	CTS X METER NUT			CTS X FIP			FIP X FIP	FIP X METER	FIP	METER CONNECTION
CONNECTION	CONNECTION	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB	PART#	PART#	PART#	PART#
SIZE	SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
3/4"	3/4"	<b>031-13784</b>	210NL-GJ3T3	210NL-H3T3	210NL-B3F3	*	210NL-H3F3	210NL-F3F3	210NLF3T3	210NL-C3F3	210NL-C3T3
1"	3/4"	210NL-B4T3	210NL-GJ4T3	210NL-H4T3	210NL-B4F3	*	210NL-H4F3	210NL-F4F3	210NL-F4T3	210NL-C4F3	210NL-C4T3
1"	1"	210NL-B4T4	210NL-GJ4GJ4	210NL-H4T4	210NL-B4F4	*	210NL-H4H4	210NL-F4F4	210NL-F4F4	210NL-C4F4	210NL-C4T4
1-1/2"	1-1/2"	210NL-B6MF6	210NL-GJ6MF6	210NL-H6MF6	*	*	*	210NL-F6F6	210NL-F6MF6	*	210NL-C6MF6
2"	2"	210NL-B7MF7	210NL-GJ7MF7	210NL-H7MF7	*	*	*	210NL-F7F7	210NLF7MF7	*	210NL-C7MF7







## WATERWORKS BRASS

### METER VALVES

#### Picture Index

214NL- Angle Reduced Port Ball

Valves W/LOCKRING

CTS		FIP		COPPER FLARE	
CTS X METER	CTS X FIP	FIP		COPPER FLARE	
CAMPAK / GRIP/ CB	CAMPAK / GRIP/ CB	FIP		COPPER FLARE	
METER CONNECTION	FIP	FIP	METER CONNECTION	FIP	METER CONNECTION
					
<b>STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>
PIC SHOWN AS CAMPAK	PIC SHOWN AS CAMPAK				

JABO SUPPLY		CTS						FIP		COPPER FLARE	
INLET	OUTLET	CTS X METER NUT			CTS X FIP			FIP X FIP	FIP X METER	FIP	METER CONNECTION
CONNECTION	CONNECTION	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB	PART#	PART#	PART#	PART#
SIZE	SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
3/4"	5/8"	<b>031-14739</b>	*	*	*	*	*	*	<b>031-14764</b>	*	*
3/4"	3/4"	<b>031-14740</b>	214NL-GJ3T3	214NL-H3T3	214NL-B3F3	<b>031-14796</b>	214NL-H3F3	214NL-F3F3	<b>031-14772</b>	214NL-C3F3	214NL-C3T3
1"	3/4"	*	*	*	*	*	*	*	*	*	*
1"	1"	*	*	*	214NL-B4F4	*	*	*	<b>031-14784</b>	*	*

**031-JABO STOCK#**




214NL-xxx Manufacture#

\*Call Jabo Supply

## WATERWORKS BRASS

### METER VALVES

292NL-Angle Plug Valve 100 PSI

CTS		FIP		COPPER FLARE	
CTS X METER	CTS X FIP	FIP		COPPER FLARE	
CAMPAK / GRIP/ CB	CAMPAK / GRIP/ CB	FIP		COPPER FLARE	
METER CONNECTION	FIP	FIP	METER CONNECTION	FIP	METER CONNECTION
	NO PICTURE AVAILABLE	NO PICTURE AVAILABLE		NO PICTURE AVAILABLE	
<b>STOCK</b>	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

Recognized by larger opening nut

OUTLET

INLET

Picture shown as Campak

JABO SUPPLY		CTS						FIP		COPPER FLARE	
INLET	OUTLET	CTS X METER NUT			CTS X FIP			FIP X FIP	FIP X METER	FIP	METER CONNECTION
CONNECTION	CONNECTION	CAMPAK	GRIP	CB	CAMPAK	GRIP	CB				
SIZE	SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
3/4"	5/8"	*	*	*	*	*	*	*	*	*	*
3/4"	3/4"	292NL-B3T3	292NL-GJ3T3	292NL-H3T3	*	*	*	*	292NL-F3T3	*	292NL-C3T3
1"	3/4"	292NL-B4T3	292NL-GJ4T3	292NL-H4T3	*	*	*	*	292NL-F4T3	*	292NL-C4T3
1"	1"	292NL-B4T4	292NL-GJ4T4	292NL-H4T4	*	*	*	*	292NL-F4T4	*	292NL-C4T4

**031-JABO STOCK#**  
 292NL-xxx Manufacture#  
 \*Call Jabo Supply








## WATERWORKS BRASS


### METER VALVES

Picture Index

5XXNL- Single & Dual Check Valves

### DUAL CHECK VALVES

TALL DUAL CHECK VALVES					CASCADING	DUAL CHECK
METER	METER	METER	METER	FIP	METER	
X	X	X	X	X	X	VALVE REPAIR KIT
FIP	CB	FIP	FIP	FIP	FIP	
500NL	500NL	ACCESSIBLE	NON-ACCESSIBLE	NON-ACCESSIBLE	501NL	50NL-
		510NL	520NL	520NL		
						
NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	STOCK	non Stock

SINGLE CHECK	TYPE OF CHECK		DUAL CHECK VALVES					REPAIR KIT	SINGLE CHECK
	METER	NAME CHECK	CARTRIDGE (TALL)				CASCADE		
X	SERIES	500NL	510NL	520NL		501NL	50NL-	590NL-	
FIP	INLET	METER X		METER X	METER X	FIP X	METER X	METER X	
590NL	OUTLET	FIP	CB	FIP	FIP	FIP	FIP	FIP	
		Accessible	Non- Accessible						
METER SIZE	OUTLET SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	
5/8"	3/4"	500NL-T1F3	*	*	*	*	501NL-T1F3	*	*
5/8" X 3/4"	3/4"	500NL-T3F3	500NL-T3H3	510NL-T3F3	520NL-T3F3	520NL-F3F3	<b>031-20912</b>	50-3	590NL-T3F3
1"	1"	500NL-T4F4	500NL-T4H4	*	*	*	501NL-T4F4	50-4	590NL-T4F4
1-1/2"	1-1/2"	500NL-MF6MF6	*	*	*	*	*	50-7	*
2"	2"	500NL-MF7MF7	*	*	*	*	*		*

**PART# IDENTIFICATION**

**031-JABO STOCK#**

5xx-NL- Manufacture#



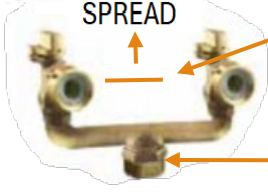
\*Call Jabo Supply

## WATERWORKS BRASS

### METER VALVES

#### METER BRANCH ASSEMBLIES

*With Angle Plug Valve 100PSI*

ANGLE METER BRANCH WITH PLUG VALVE		
281NL		
CTS X METER CONNECTION	COPPER FLARE X METER CONNECTION	FIP X METER CONNECTION
CAMPK/GRIP/CB METER CONNECTION	COPPER FLARE METER CONNECTION	FIP METER CONNECTION
		
<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>
Picture shown as Campak	Picture shown as Grip	Picture shown as FIP

#### COMPONENTS OF THE METER BRANCH

##### OUTLET

*BALL Valve RP Meter connection*

##### INLET

\* Available in CTS Connection, Copper

CTS INCLUDES:

CAMPK, GRIP JOINT, CB COMPRESSION

TYPE OF BRANCH		ANGLE METER BRANCH ASSEMBLY WITH PLUG VALVE				
TYPE OF VALVE		PLUG				
CONNECTION TYPE		CTS X METER CONNECTION	COPPER FLARE	FIP		
INLET		Campak	CB	Copper Flare	FIP	
OUTLET		Meter	Meter	Meter	Meter	
INLET SIZE	OUTLET SIZE	SPREAD	PART#	PART#	PART#	PART#
3/4"	3/4"	7.5	281-B3T37500	281NL-H3T33700	*	*
1"	3/4"	6.5	*	*	*	281NL-F4T36500
1"	3/4"	7.5	281-B4T37500	281NL-H4T37500	281NL-C4T37500	281NL-F4T37500

**031-JABO STOCK#**

281NL-xxxx Manufacture #



\*Call Jabo Supply

## WATERWORKS BRASS

### METER VALVES

#### METER BRANCH ASSEMBLIES

*Angle / Straight with Ball Valve 300 PSI*

ANGLE	STRAIGHT
CTS X METER CONNECTION	
CAMPK/GRIP/CB METER CONNECTION	CAMPK/GRIP/CB METER CONNECTIONS
	
<b>NON STOCK</b>	<b>NON STOCK</b>
Picture shown as Campak	Picture shown as Grip

**031-JABO STOCK#**

281NL-xxxx Manufacture #

\*Call Jabo Supply

TYPE OF BRANCH			ANGLE METER BRANCH ASSEMBLIES			STRAIGHT METER BRANCH ASSEMBLIES		
TYPE OF VALVE			BALL VALVE					
CONNECTION TYPE			CTS X METER CONNECTION			CTS X METER CONNECTION		
INLET			Campak	GRIP	CB	Campak	GRIP	CB
OUTLET			Meter	Meter	METER	Meter	Meter	METER
INLET SIZE	OUTLET SIZE	SPREAD	PART#	PART#	PART#	PART#	PART#	PART#
1"	3/4"		234NL-B4T3	234NL-GJ4T3	234NL-H4T3	274NL-B4T3	274NL-GJ4T3	274NL-H4T3
1"	3/4"	6.5	234NL-B4T36500	234NL-GJ4T36500	234NL-H4T36500	274NL-B4T36500	274NL-GJ4T36500	274NL-H4T36500
1"	3/4"	7.5	234NL-B4T37500	234NL-GJ4T37500	234NL-H4T37500	274NL-B4T37500	274NL-GJ4T37500	274NL-H4T37500



## WATERWORKS BRASS

### METER SETTERS

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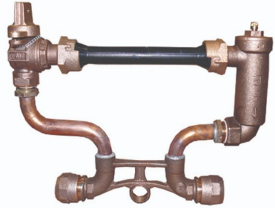



# METER SETTERS

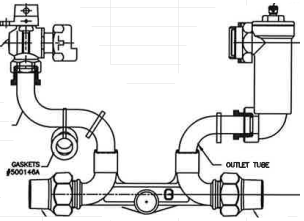
**WATERWORKS BRASS**

**METER SETTERS**

**COMMON STOCK SETTERS**

10 STEP PROCESS TO BUILD A SETTER	JABO SUPPLY	6010NL	6011NL	6020NL
<b>BUILDING YOUR SETTER</b>	<b>IDENTIFYING THE METER</b>			
		<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

6020TNLT	758- X406 (AY)	758- X419 (AY)	758-AY	6040
				
	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>

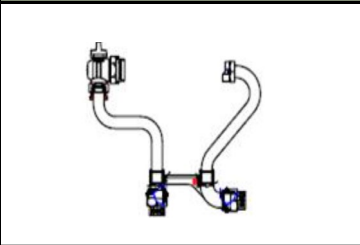
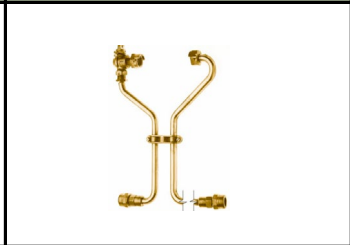
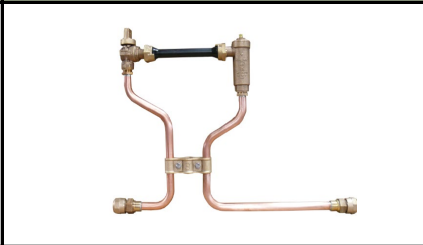


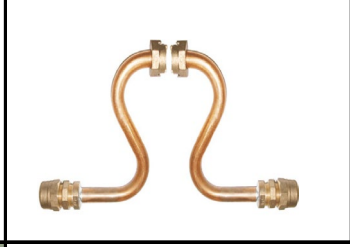
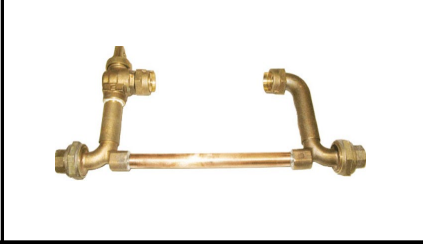


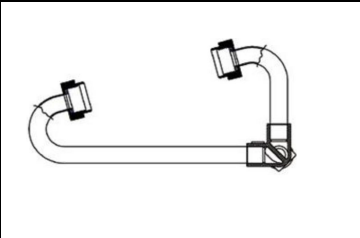

<b>STOCK</b>

- 6010NL-RESETTER**
- 6011NL-LOW RISE RESETTER**
- 6020NL-METER SETTER (HORIZONTAL INLET & OUTLET)**
- 6020TNL-TANDEM SETTER**
- 758-X406 (AY) INVERTED TANDEM RESETTER**
- 758-X419 (AY) CRAB SYTLE TANDAM RESETTER**
- 761 (AY)-HORIZONTAL RESETTER**
- 6040NL-VERTICAL INLET & OUTLET SETTER**

**WATERWORKS BRASS**

**METER SETTERS**

*NON-STOCK SETTERS*

6013NL-	6022NL-	6030NL-	6031NL	6032NL
NO PICTURE AVAILABLE				
6034NL	6035NL	6050NL	6060NL	6065NL
NO PICTURE AVAILABLE				
7010NL	7020	<p><b>6013NL</b>-LOW RISE RESETER (45 DEGREE ANGEL  <b>6022NL</b>-METER SETTER (VERTICAL INLET AND HORIZONTAL OUTLET  <b>6030NL</b>-STRAIGHT LINE SETTER (HORIZONTAL INLET &amp; OUTLET)  <b>6031NL</b>-STRAIGHT LINE SETTER (HORIZONTAL INLET &amp; OUTLET WITH 15" LEG EXTENSION)  <b>6032NL</b>-STRAIGHT LINE SETTER (HORIZONTAL INLET &amp; OUTLET WITH 18" LEG EXTENSION)  <b>6034NL</b>-STRAIGHT LINE SETTER (VERTICAL INLET &amp; OUTLET)  <b>6035NL</b>-STRAIGHT LINE SETTER (HORIZONTAL INLET &amp; VERTICAL OUTLET)  <b>6050NL</b>-BRASS PIT SETTER (HORIZONTAL INLET &amp; OUTLET) INSIDE PIT DIAMETER 18"  <b>6060NL</b>-LINE SETTER (HORIZONTAL INLET &amp; OUTLET)  <b>6065NL</b>-LINE SETTERS (ANGLE INLET &amp; HORIZONTAL OUTLET)  <b>7010NL</b>-CELLAR SETTER  <b>7020NL</b>-CORNER SETTER</p>		
				

## WATERWORKS COMPRESSION BRASS

### METER SETTERS

Identifying the correct meter

#### DIFFERENCE BETWEEN 5/8 AND 5/8" x 3/4" METERS

The difference is in the **threads (connections)**, not the flow capacity; a "5/8"" meter is the older standard with 1/2" AWWA threads for 1/2" pipe, while a "5/8" x 1/2"" meter is the same thing, just explicitly labeled to show it has a 5/8" bore (internal flow) but connects to 1/2" plumbing, whereas a 5/8" x 3/4" meter has the *same 5/8" bore* but larger 3/4" threads for larger service lines, so the "5/8"" vs "5/8"x1/2"" is just naming clarification for the same common, smaller residential meter.

#### DIFFERENCE BETWEEN 5/8" X 3/4" & 3/4"

The main difference is that a 5/8" x 3/4" meter has a smaller internal bore (5/8") for measuring flow but uses standard 3/4" AWWA thread for connections, while a straight 3/4" meter has a larger 3/4" bore, a longer body (9" vs. 7.5") and the same 3/4" AWWA threads, allowing for higher flow rates (2-30 GPM vs 1-25 GPM for the 5/8" x 3/4")

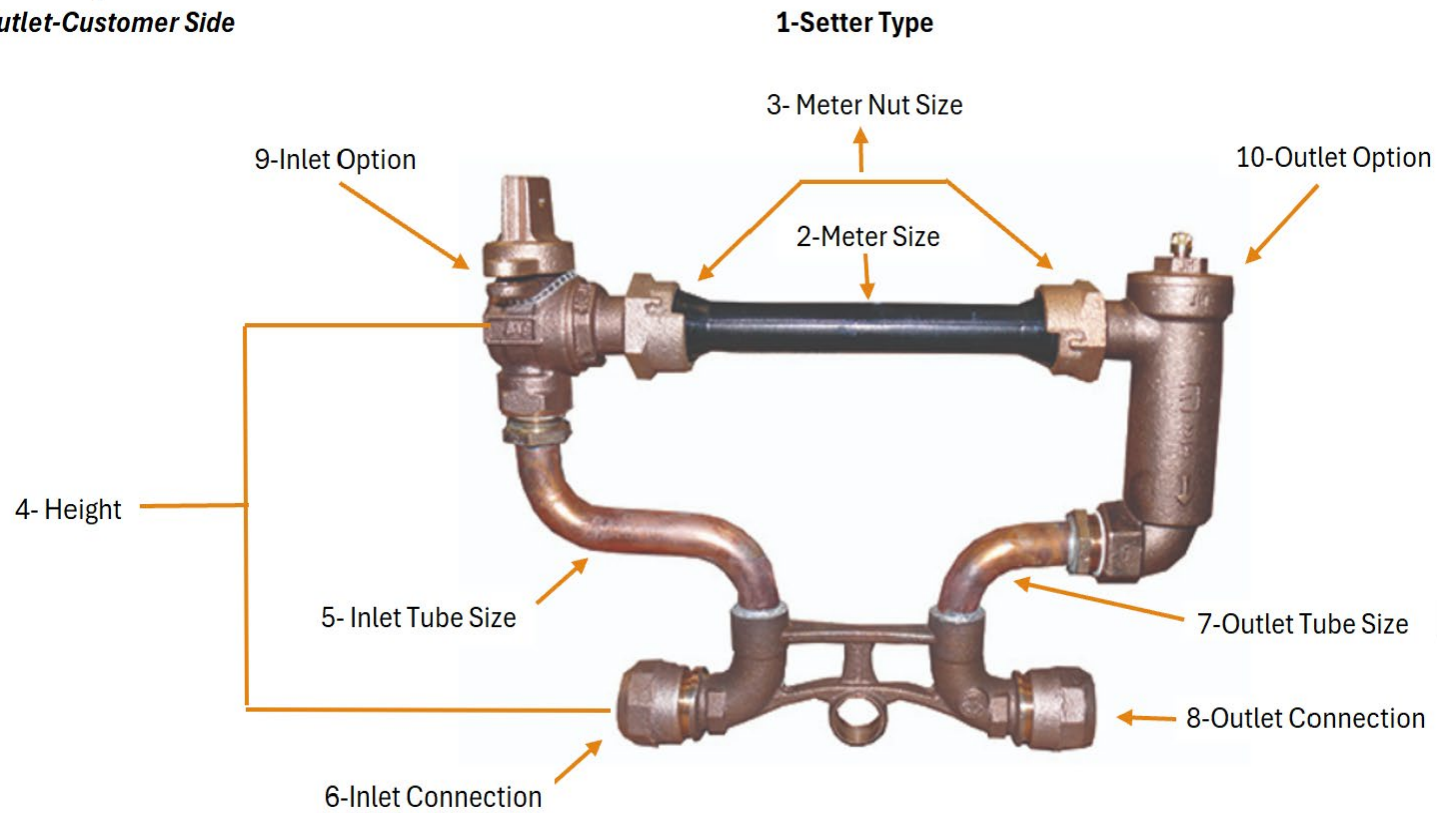


## WATERWORKS BRASS

### METER SETTERS

10 STEP PROCESS TO BUILDING A NON STOCK METER SETTER

**Inlet-Utility Side**  
**Outlet-Customer Side**



## WATERWORKS COMPRESSION BRASS

### METER SETTERS

10 STEP PROCESS TO BUILDING A NON STOCK METER SETTER

	1	2	3	4	5	6	7	8	9	10
	TYPE OF SETTER	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
INLET=UTILITY					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"
OUTLET=CUSTOMER	PICK ONE	PICK ONE	PICK ONE	PICK ONE	PICK ONE	PICK ONE	PICK ONE	PICK ONE	PICK ONE	PICK ONE
	SEE TYPE OF SETTER (See Pic Index & or Description of Model numbers)	5/8"	1/2"	7"	3/4"	***CTS NUT	3/4"	***CTS NUT	ANGLE PLUG	ANGLE PLUG
		5/8" X 3/4"	3/4"	9"	1"	Campak	1"	Campak	R/PORT BALL	R/PORT BALL
		3/4"	1"	10"	1-1/2"	CB	1-1/2"	CB		
		1"	1-1/2"	12"	2"	Grip	2"	Grip		
		1-1/2"	2"	15"		DUAL PURPOSE		DUAL PURPOSE	FULL PORT-BALL	FULL PORT-BALL
		2"		18"		PEP (SIDR 7)		PEP (SIDR 7)		
	*5/8 Meter Size has two different meter nut options 1/2" & 3/4" (Thread Size). All other meters sizes will have the same nut size			PVC (IPS)		PVC (IPS)			NO VALVE	SINGLE CHECK
			METER THREAD	METER THREAD						
			FIP	FIP						
			COPPER FLARE	COPPER FLARE						
				MIP		MIP				CARTRIDGE DUAL CHECK (TALL)
				METER FLANGE		METER FLANGE				CASCADING DUAL CHECK
				HAYSITE		HAYSITE				
				C903		C903				NO VALVE
	*Std starting height on 1" setters is 10"									
	*Std starting height on 1-1/2" & 2" is 12"									
	***Choose one Campak, CB, Grip									

**\*\*METER SIZE- 5/8" METER COME IN TWO DIFFERENT SIZES (1st number is the meter and 2nd is the thread size)**

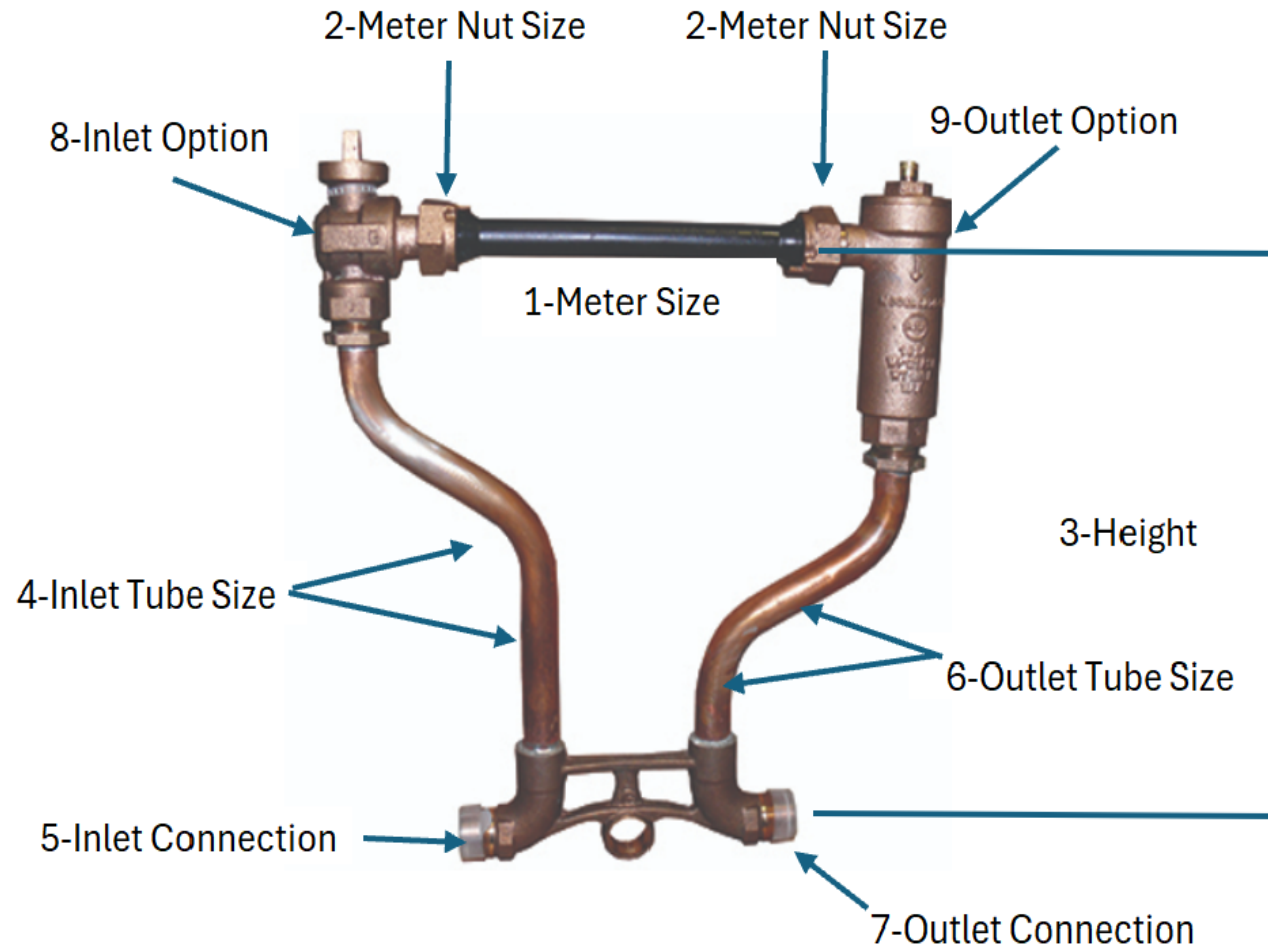
1. Straight 5/8" which has 1/2" threads coming from the meter. (aka: (1.) Straight 5/8", (2). 5/8" x 1/2", (3) 1/2")
2. 5/8" x 3/4" is a 5/8" meter with 3/4" threads coming from the meter

**Tube Size- 5/8" & 5/8"x3/4" Tube size 3/4" All others are size on size**

## WATERWORKS BRASS

### METER SETTERS

6010NL Meter Resetters



**WATERWORKS BRASS**

METER SETTERS

6010NL Meter Resetters

**5/8 Meter Resetter**

aka: 5/8, Straight 5/8, 5/8 x 1/2", 1/2" "Fits the smaller Meter"

JABO#	IDENTIFICATION#	1	2	3	4	5	6	7	8	9
		**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"
031-40100	6010NL-107N1N1-VQ	5/8"	1/2"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Cartridge DC
031-40350	6010NL-107N1N1-VQ	5/8"	1/2"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Cartridge DC
031-40535	718-107-WX	5/8"	1/2"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	*FT Meter Nut
031-41105	718-107WX	5/8"	1/2"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	*FT Meter Nut
031-41105	718-107WX	5/8"	1/2"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	*FT Meter Nut

RESETTERS WILL HAVE METER THREAD ON BOTH INLET AND OUTLET

\*FT FLANGED TUBE WITH METER NUT

Some setters are stocked for specific customers using alternate part numbers...check all part numbers for availability of same setter

**WATERWORKS BRASS**

METER SETTERS

6010NL RESETTERS

**5/8" X 3/4" / 1" Resetters**

JABO#	IDENTIFICATION#	1	2	3	4	5	6	7	8	9
		**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"
031-40101	6010NL-207N2N2-VQ	5/8" x 3/4"	3/4"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Cartridge DC
031-40360	6010NL-207N2N2-VQ	5/8" x 3/4"	3/4"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Cartridge DC
031-40360	6010NL-207N2N2-VQ	5/8"X3/4"	3/4"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Cartridge DC
031-40365	6010NL-207N2N2-VO	5/8" x 3/4"	3/4"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	NO Valve
031-40920	718-207WX	5/8" x 3/4"	3/4"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	*FT Meter Nut
031-40403	718-207WC	5/8"X3/4"	3/4"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Single Check
031-41515	6010NL-207N2N2-VX	5/8"X3/4"	3/4"	7"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Single Check
031-21108	6010NL-209N2N2-VQ	5/8" x 3/4"	3/4"	9"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Cartridge DC
031-41520	6010NL-209N2N2-VX	5/8"X3/4"	3/4"	9"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Single Check
031-21172	6010NL-212N2N2-VQ	5/8" x 3/4"	3/4"	12"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Cartridge DC
031-40930	718-212WX	5/8" x 3/4"	3/4"	12"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	*FT Meter Nut
031-41525	6010NL-212N2N2-VX	5/8"X3/4"	3/4"	12"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Single Check
031-40385	6010NL-212N2N2-VO	5/8" x 3/4"	3/4"	12"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	NO Valve
031-40368	6010NL-218N2N2-VX	5/8" x 3/4"	3/4"	18"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	Single Check
031-40380	6010NL-218N2N2-VC	5/8" x 3/4"	3/4"	18"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	NO Valve
031-40935	718-412WX	1"	1"	12"	1"	Meter Thread	1"	Meter Thread	R/Port Ball	*FT Meter Nut
031-40370	6010NL-414N4N4-VQ	1"	1"	14"	1"	Meter Thread	1"	Meter Thread	R/Port Ball	Cartridge DC

\*FT-Flanged Tube

Some Setters are stocked for specific customers using alternate part numbers ...

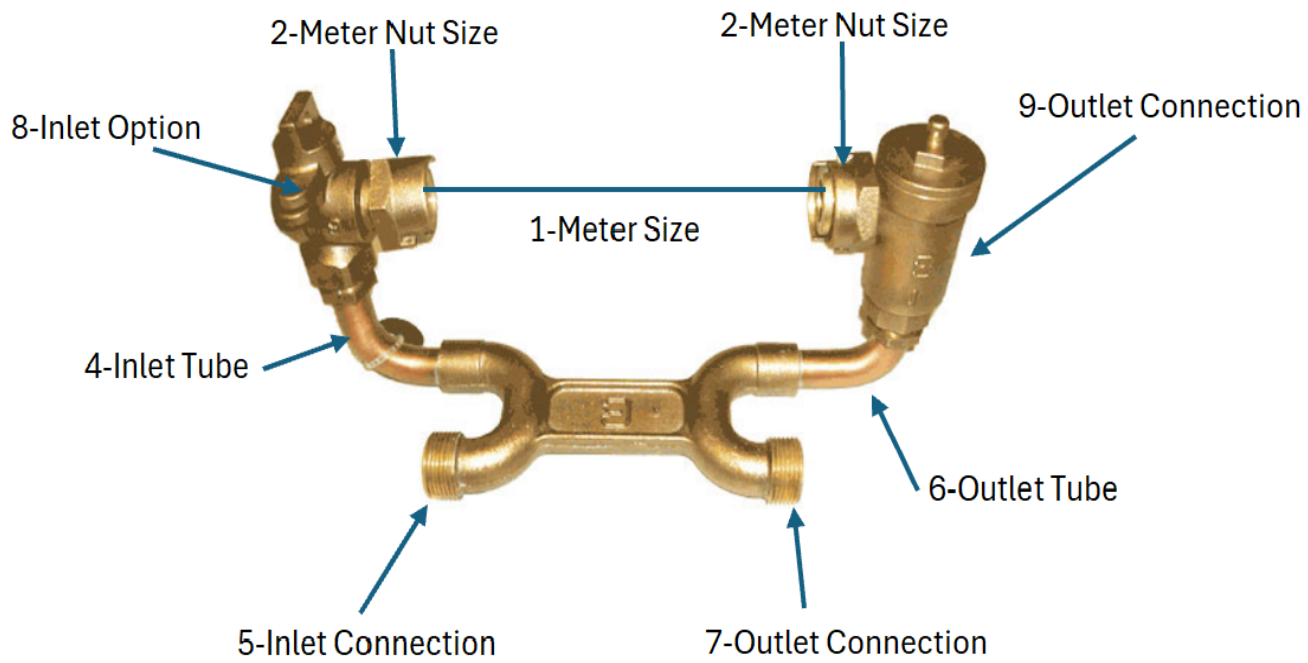
**Other Setters available upon request. Call your Jabo CSR today for more details.**

**Follow our easy 10 step process to build your own setter**

## WATERWORKS BRASS

### METER SETTERS

#### 6011NL Low Rise Meter Setters



**WATERWORKS BRASS**

**METER SETTERS**

*6011NL Low Rise Meter Resetters*

**5/8" Low Rise Meter Resetter (Offset)**

aka: 5/8, Straight 5/8, 5/8 x 1/2", 1/2" "Fits the smaller Meter"

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"
031-40102	6011NL-1N1N1-VO	5/8"	1/2"	*4"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	No Valve
031-40590	6011NL-1N1N1-VO	5/8"	1/2"	*4"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	No Valve

Some setters are stocked for specific customers using alternate part numbers ...check all part numbers for availability of same setter

**5/8"X3/4" Low Rise Meter Resetter (Offset)**

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"
031-40103	6011NL-2N2N2-VO	5/8"X3/4"	3/4"	*4"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	No Valve
031-40600	6011NL-2N2N2-VO	5/8"X3/4"	3/4"	*4"	3/4"	Meter Thread	3/4"	Meter Thread	R/Port Ball	No Valve

Some setters are stocked for specific customers using alternate part numbers ...check all part numbers for availability of same setter

\*STANDARD HEIGHT 4" FOR METERS BELOW 1" AND 6" FOR METERS 1" AND ABOVE

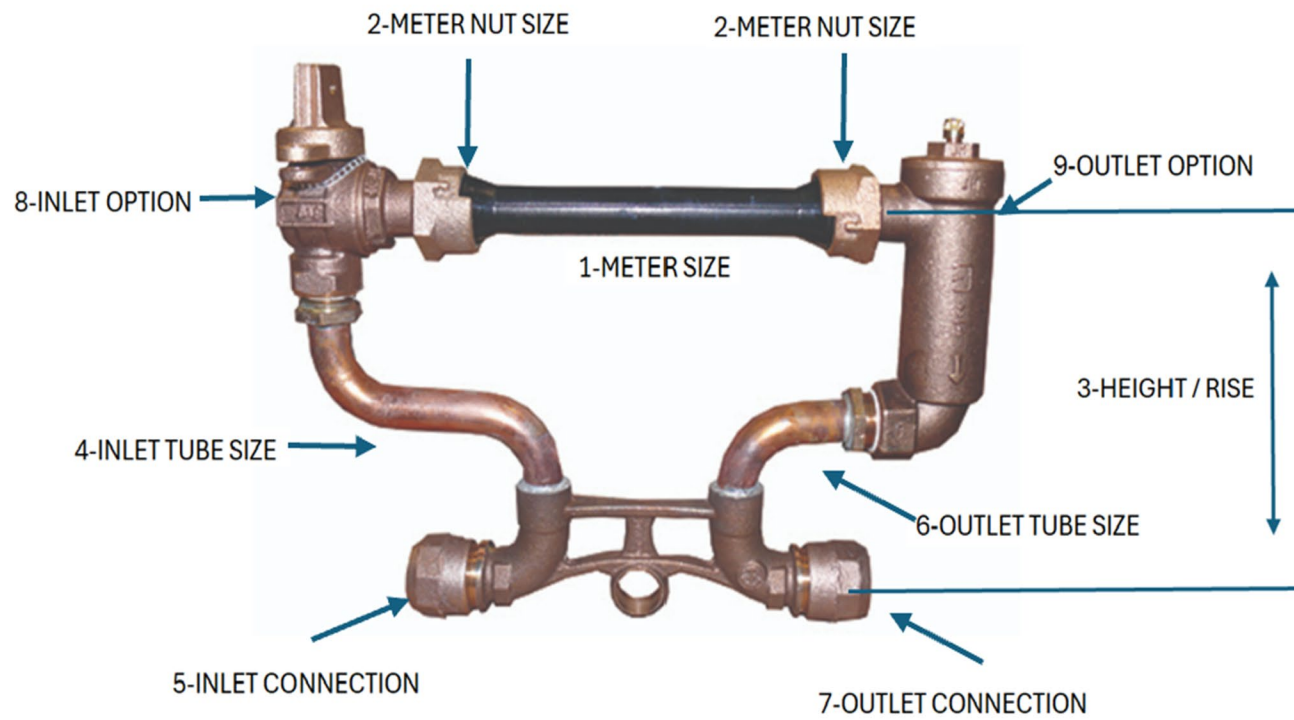
**Other Setters available upon request. Call your Jabo CSR today for more details.**

*Follow our easy 10 step process to build your own setter*

## WATERWORKS BRASS

### METER SETTERS

#### 6020NL HORIZONTAL INLET & OUTLET SETTERS



## WATERWORKS BRASS

### METER SETTERS

#### 6020NL HORIZONTAL INLET & OUTLET SETTERS

### 5/8 Meter Setters

aka: 5/8, Straight 5/8, 5/8 x 1/2", 1/2" "Fits the smaller Meter"

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9	10
JABO#	IDENTIFICATION#	***METER SIZE	METER NUT	HEIGHT / RISE	INLET TUBE SIZE	INLET CONNECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION	BY-PASS OPTION 1-1/2" / 2"
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40310	6020NL-107B3B3-VQ	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	Cartridge DC	No
031-40311	6020NL-107B3B3-VC	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	Cascade DC	No
031-40412	6020NL-107B3B3-VX	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	Single Check	No
031-40412	6020NL-107B3B3-VX	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	Single Check	No
031-40427	722-107WC22 33	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	Single Check	No
031-41100	722-107WX22 33	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	**FT Meter Nut	No
031-40530	6020NL-107B3B3-VO	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	No Valve	No
031-41100	722-107WX22 33	5/8"	1/2"	7"	3/4"	*Campak	3/4"	*Campak	R/Port Ball	FT Meter Nut	No
031-40200	6020NL-112H3H3-VQ	5/8"	1/2"	12"	3/4"	*CB	3/4"	*CB	R/Port Ball	Cartridge DC	No
*031-40201	6020NL-112M3M3-VQ	5/8"	1/2"	12"	3/4"	MIP	3/4"	MIP	R/Port Ball	Cartridge DC	No

\* Campak, CB, Grip Joint fit CTS Connections

\*\*FT Meter Nut-Flanged Tube Meter Nut

\*\*\* Straight 5/8" which has 1/2" meter threads coming from the meter. (aka: (1.) Straight 5/8", (2). 5/8" x 1/2", (3) 1/2")

Some setters are stocked for specific customers using alternate part numbers ...check all part numbers for availability of same setter

**WATERWORKS BRASS**

**METER SETTERS**

**6020NL HORIZONTAL INLET & OUTLET SETTERS**

**5/8" X 3/4" Meter Setters**

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9	10
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	HEIGHT / RISE	INLET TUBE SIZE	*INLET CONNECTION	OUTLET TUBE SIZE	*OUTLET CONNECTION	INLET OPTION	OUTLET OPTION	BY-PASS OPTION 1-1/2" / 2"
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40320	6020NL-207B3B3-VQ	5/8"x 3/4	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Cartridge DC	No
031-40405	6020NL-207B3B3-VQ	5/8"x 3/4	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Cartridge DC	No
031-40321	6020NL-207B3B3-VC	5/8"x 3/4	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Cascade DC	No
031-40413	6020NL-207B3B3-VX	5/8"x 3/4	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Single Check	No
031-40430	722-207WC22 33	5/8"x 3/4	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Single Check	No
031-41510	6020NL-207B3D3-VX	5/8"x 3/4	3/4"	7"	3/4"	Campak	3/4"	Dual Purpose	R/Port Ball	Single Check	No
031-40900	721-207WCGG 33	5/8"x 3/4	3/4"	7"	3/4"	Grip Joint	3/4"	Grip Joint	R/Port Ball	Single Check	No
031-41000	721-207WWQQ 33	5/8"x 3/4	3/4"	7"	3/4"	CB	3/4"	CB	R/Port Ball	R/Port BaLL	No
031-40400	6020NL-207H3H3-VX	5/8"x 3/4	3/4"	7"	3/4"	CB	3/4"	CB	R/Port Ball	Single Check	No
031-40455	6020NL-207D3B3-VO	5/8"x 3/4	3/4"	7"	3/4"	Dual Purpose	3/4"	Campak	R/Port Ball	No Valve	No
031-41505	6020NL-207D3D3-VX	5/8"x 3/4	3/4"	7"	3/4"	Dual Pupose	3/4"	Dual Purpose	R/Port Ball	Single Check	No
031-40415	6020NL-212B3B3-VX	5/8"x 3/4	3/4"	12"	3/4"	Campak	3/4"	Campak	R/Port Ball	Single Check	No
031-40975	721-212WCGG 33	5/8"x 3/4	3/4"	12"	3/4"	Grip Joint	3/4"	Grip Joint	R/Port Ball	Single Check	No
031-40450	6020NL-212GJ3GJ3-VX	5/8"x 3/4	3/4"	12"	3/4"	Grip Joint	3/4"	Grip Joint	R/Port Ball	Single Check	No
031-40306	6020NL-215B3B3-VQ	5/8"x 3/4	3/4"	15"	3/4"	Campak	3/4"	Campak	R/Port Ball	Cartridge DC	No
031-41500	6020NL-215B3B3-VX	5/8"x 3/4	3/4"	15"	3/4"	Campak	3/4"	Campak	R/Port Ball	Single Check	No
031-40444	722-218WW2233	5/8"x 3/4	3/4"	18"	3/4"	Campak	3/4"	Campak	R/Port Ball	R/Port BaLL	No
031-40445	6020NL-218B3B3-APAP	5/8"x 3/4	3/4"	18"	3/4"	Campak	3/4"	Campak	Angle Plug	Angle Plug	No

\* Campak, CB, Grip Joint fit CTS Connections

5/8" x 3/4" Meter has 3/4" Meter Threads from the Meter

Some setters are stocked for specific customers using alternate part numbers ...check all part numbers for availability of same setter

## WATERWORKS BRASS

### METER SETTERS

#### 6020NL HORIZONTAL INLET & OUTLET SETTERS

### STRAIGHT 3/4" METER SETTERS

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9	10
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	HEIGHT / RISE	INLET TUBE SIZE	*INLET CONECTION	OUTLET TUBE SIZE	*OUTLET CONNECTION	INLET OPTION	OUTLET OPTION	BY-PASS OPITION 1-1/2" / 2"
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40330	6020NL-307B3B3-VQ	3/4"	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Cartridge DC	No

\* Campak, CB, Grip Joint fit CTS Connections

\*\*Straight 3/4 is a 3/4" Meter with 3/4 Meter Threads

### 1" METER SETTERS

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9	10
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	HEIGHT / RISE	INLET TUBE SIZE	*INLET CONECTION	OUTLET TUBE SIZE	*OUTLET CONNECTION	INLET OPTION	OUTLET OPTION	BY-PASS OPITION 1-1/2" / 2"
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40340	6020NL-412B4B4-VQ	1"	1"	12"	1"	Campak	1"	Campak	R/Port Ball	Cartridge DC	No
031-40905	721-412WCGG44	1"	1"	12"	1"	Grip	1"	Ggip	R/Port Ball	Single Check	No
031-40225	6020NL-412H4H4-VX	1"	1"	12"	1"	CB	1"	CB	R/Port Ball	Single Check	No
031-40230	6020NL-412M4M4-VX	1"	1"	12"	1"	MIP	1"	MIP	R/Port Ball	Single Check	NO
031-40446	722-418WW22 44	1"	1"	18"	1"	Campak	1"	Campak	R/Port Ball	R/Port BaLL	No

\* Campak, CB, Grip Joint fit CTS Connections

**WATERWORKS BRASS**

**METER SETTERS**

**6020NL HORIZONTAL INLET & OUTLET SETTERS**

**LARGER METER SETTERS**

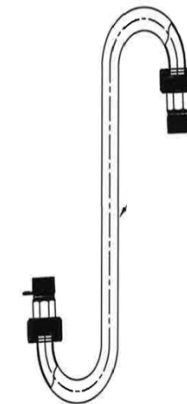
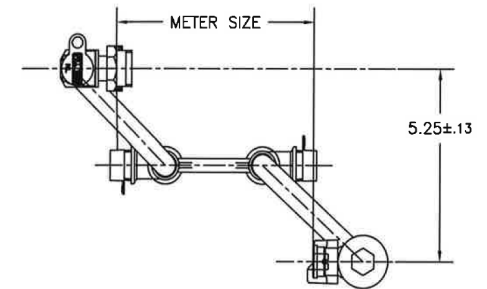
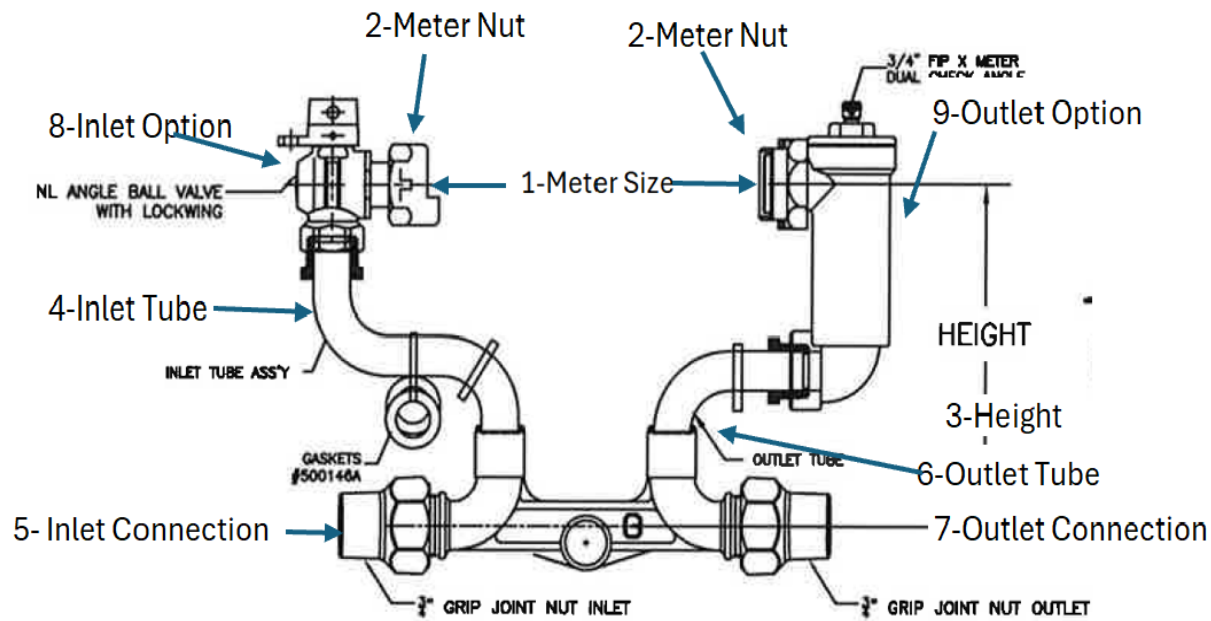
1-1/2 / 2"

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9	10
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	HEIGHT / RISE	INLET TUBE SIZE	*INLET CONECTION	OUTLET TUBE SIZE	*OUTLET CONNECTION	INLET OPTION	OUTLET OPTION	BY-PASS OPTION 1-1/2" / 2"
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40490	6020NL-615F6F6-UQB	1-1/2"	1-1/2"	15"	1-1/2"	FIP	1-1/2"	FIP	R/Port Ball	Cartridge DC	1"Low
031-40500	720B715WDFF775	2"	2"	15"	2"	FIP	2"	FIP	R/Port Ball	Cartridge DC	1" Low

# WATERWORKS BRASS

## METER SETTERS

### 6020NL TANDEM SETTERS



S-BAR INCLUDED W/TANDEM SETTER

## WATERWORKS BRASS

### METER SETTERS

6020TNL Tandem Horizontal Inlet & Outlet Setters

### 5/8" X 3/4" Tandem Meter Setters

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9	10
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION	BY-PASS OPITION 1-1/2" / 2"
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40300	6020TNL207D3D3-VX	5/8"X3/4"	3/4"	7"	3/4"	Dual Purpose	3/4"	Dual Purpose	R/Port Ball	Single Check	No
031-40420	6020TNL-207B3B3-VX	5/8"X3/4"	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Single Check	No
031-40425	6020TNL-207B3B3-VQ	5/8"X3/4"	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	Cartridge DC	No
031-40440	6020TNL-207GJ3GJ3-VX	5/8"X3/4"	3/4"	7"	3/4"	Grip Joint	3/4"	Grip Joint	R/Port Ball	Single Check	No
031-40910	751-207QAGG 33	5/8"X3/4"	3/4"	7"	3/4"	Grip Joint	3/4"	Grip Joint	R/Port Ball	Single Check	No
031-40406	6020TNL-209B3B3-VQ	5/8"X3/4"	3/4"	9"	3/4"	Campak	3/4"	Campak	R/Port Ball	Cartridge DC	No
031-40410	6020TNL-212B3B3-VX	5/8"X3/4"	3/4"	12"	3/4"	Campak	3/4"	Campak	R/Port Ball	Single Check	No
031-40447	752-218WW22 33	5/8"X3/4"	3/4"	18"	3/4"	Campak	3/4"	Campak	R/Port Ball	R/Port Ball	No

\* Campak, CB, Grip Joint fit CTS Connections

Some setters are stocked for specific customers using alternate part numbers ...check all part numbers for availability of same setter

### 1" Tandem Meter Setters

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9	10
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION	BY-PASS OPITION 1-1/2" / 2"
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40915	751-412QAGG 44	1"	1"	12"	1"	Grip Joint	3/4"	Grip Joint	R/Port Ball	Single Check	No

\* Campak, CB, Grip Joint fit CTS Connections

**Other Setters available upon request. Call your Jabo CSR today for more details.**

***Follow our easy 10 step process to build your own setter***

**WATERWORKS BRASS**




**METER SETTERS**

*758-AY Tandem Resetters*

**INVERTED**

**CRAB STYLE**

**HORIZONTAL RESETER**

		
<p><i>No Option for Inlet / Outlet Vavles</i></p>		<p><i>Allows for Valve Options for both inlet &amp; outlet</i></p>

## WATERWORKS BRASS

### METER SETTERS

#### 758-AY Tandem Resetters

#### Inverted Tandem Resetters

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
				"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40700	5160-416	5/8" x 3/4"	3/4"	2"	3/4"	Meter Nut	3/4"	Meter Nut	*NA	*NA

For installing a regulator and meter in an exsisting setting and there is little room above 2" rise from the orginal meter height. The Inverted tandem resetter allos you to reset a meter and a device with minimal rise as long as there is room below the existing meter. Meter Swivel nuts are less Saddle

#### Crab Style Tandem Resetters

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
				"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40800	5152-071	5/8" x 3/4"	3/4"	na	3/4"	Meter Nut	3/4"	Meter Nut	NA	NA

NA-Not Available

For installing a regulator and meter in an exsisting setting and there is little room above 2" rise from orginal meter height. The inverted tandem resetter allows you to reset a meter and a device with minimal rise as long as there is room below the exsisting meter. Meter Swivel nuts are less saddle

#### Tandem Horizontal Resetters

CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	INLET CONECTION	OUTLET TUBE SIZE	OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
				"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"	
031-40750	758-207QA	5/8" x 3/4"	3/4"	na	3/4"	Meter Nut	3/4"	Meter Nut	R/Port Ball	Single Check

Allows the option for an inlet & outlet valve

**Other Setters available upon request. Call your Jabo CSR today for more details.**

## WATERWORKS BRASS

### METER SETTERS

#### 6040NL Vertical Inlet & Outlet Setters



CALL JABO SUPPLY		1	2	3	4	5	6	7	8	9
JABO#	IDENTIFICATION#	**METER SIZE	METER NUT	*HEIGHT / RISE	INLET TUBE SIZE	*INLET CONECTION	OUTLET TUBE SIZE	*OUTLET CONNECTION	INLET OPTION	OUTLET OPTION
					"Utility"	"Utility"	"Customer"	"Customer"	"Utility"	"Customer"
031-40550	6040NL-107B3B3-VO	5/8"	1/2"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	No Valve
031-40555	6040NL-207B3B3-VO	5/8" x 3/4"	3/4"	7"	3/4"	Campak	3/4"	Campak	R/Port Ball	No Valve
031-40460	6040NL-410B4B4-APO	1"	1"	10"	1"	Campak	1"	Campak	Angle Plug	No Valve

\* Campak, CB, Grip Joint fit CTS Connections

CALL JABO SUPPLY FOR CUSTOM BUILT VERTICAL INLET & OUTLET SETTERS



WATEWORKS BRASS

METER ACCESSORIES

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# METER ACCESSORIES

## WATERWORKS BRASS

### METER ACCESSORIES

*405NL-Angle Meter Couplings / 406NL- Eight Bend Couplings*






405NL-ANGLE METER COUPLING					406NL-EIGHT BEND COUPLING
METER NUT					
CAMPAK	GRIP	CB COMPRESSION	MIP	FIP	FIP
	NO PICTURE AVAILABLE				
NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

031-Jabo Stock #		405NL-ANGLE METER COUPLINGS					406NL-EIGHT BEND COUPLING
405NLNL- Manufacturer #							
*Call Jabo Supply							
INLET		METER NUT					
OUTLET		CAMPAK	GRIP	CB	MIP	FIP	FIP
INLET SIZE	OUTLET SIZE	PART#	PART#	PART#	PART#	PART#	PART#
1/2"	1/2"	*	*	*	405NL-T1M1	*	*
5/8"	5/8"	*	*	*	*	*	*
1/2"	3/4"	*	*	*	*	*	*
3/4"	1/2"	*	*	*	*	*	*
3/4"	1/2"	*	*	*	*	*	*
3/4"	3/4"	405NL-T3B3	*	405NL-T3H3	405NL-T3M3	405NL-T3F3	406NL-T3M3
3/4"	1"	*	*	*	*	*	*
1"	3/4"	*	*	*	*	*	*
1"	1"	*	*	405NL-T4H4	405NL-T3M3	405NL-T4f4	406NL-T6M6
1-1/2"	1-1/2"	*	*	*	*	*	406NL-T6M6

## WATERWORKS BRASS

### METER ACCESSORIES

#### 417NL-Straight Meter Coupling

METER NUT					FIP
CAMPAK	GRIP	CB COMPRESSION	MIP	FIP	MIP
	NO PICTURE AVAILABLE				
<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>


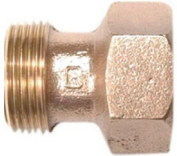


031-Jabo Stock #		METER CONNECTION X CTS			METER X MIP	METER X FIP	FIP X MIP
417NL- Manufacturer #							
*Call Jabo Supply							
INLET		METER NUT					FIP
OUTLET		CAMPAK	GRIP	CB	MIP	FIP	MIP
INLET SIZE	OUTLET SIZE	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	1/2"	<b>031-16860</b>	417NL-T1GJ1	417NL-T1H1	*	417-NL-T1F1	*
1/2"	3/4"	417NL-T1B4	417NL-T1GJ3	<b>031-16868</b>	<b>031-16884</b>	417-NL-T1F3	*
5/8"	5/8"	417NL-T2B1	417NL-T2GJ2	417NL-T2H2	<b>031-16880</b>	417-NL-T2F2	*
5/8"	3/4"	417NL-T2B3	417NL-T2GJ3	417NL-T2H3	417NL-T2M3	417-NL-T2F3	*
3/4"	1/2"	417NL-T3B1	417NL-T3GJ1	417NL-T3H2	417NL-T3M2	417-NL-T3F2	*
3/4"	3/4"	<b>031-16904</b>	<b>031-16916</b>	031-16920	<b>031-16940</b>	417-NL-T3F3	*
3/4"	1"	417NL-T3B4	417NL-T3GJ4	417NL-T3H5	417NL-T3M4	417-NL-T3F4	*
1"	3/4"	417NL-T4B3	417NL-T4GJ3	417NL-T4H3	417NL-T4M3	417-NL-T4F3	*
1"	1"	417NL-T4B4	417NL-T4GJ4	417NL-T4H4	<b>031-17028</b>	417-NL-T4F4	*
1-1/12"	1-1/12"	417NL-T6B6	417NL-T6GJ6	417NL-T6H7	417NL-T6M6	417-NL-T6F6	417NL-F6M6
2"	2"	417NL-T7B7	41NL-T7GJ7	417NL-T7H8	417NL-T7M7	417-NL-T7F7	417NL-F7M7

## WATERWORKS BRASS

### METER ACCESSORIES

#### 440NL-Meter Bushings & Adapters








### 440NL- METER BUSHINGS AND ADAPTERS

METER THREAD X MIP		METER THREAD X FEMALE METER THREAD		METER SIZING INCREASING BUSHING		METER ADAPTER		
"Regulator Adapter (Spud)"						"Adapts (Smaller Meters to a 1" Meter)"		
								
<b>STOCK</b>		<b>STOCK</b>		<b>NON STOCK</b>		<b>STOCK</b>		
INLET X OUTLET	PART#	INLET X OUTLET	PART#	INLET X OUTLET	PART #	CURRENT METER SIZE	ADAPTS TO	PART #
3/4" X 3/4"	<b>031-20656</b>	5/8"X (5/8"X3/4")	440NL-N3R2	5/8" X(5/8 X 3/4")	440NL-N3N2	(5/8"X3/4")	1"	<b>031-50000</b>
1" X 1"	<b>031-20676</b>	1"X(5/8" X 3/4")	440NL-43R2	5/8" X (5/8 X 3/4")	**440NL-N3N3XL	*(5/8 x 1/2")	1"	<b>031-52500</b>
<b>CALL JABO SUPPLY</b>		1"X3/4"	<b>031-20684</b>	<b>** Longer lay length</b>		<b>*5/8" Meter with 1/2" Threads aka: Straight 5/8", 5/8" x 1/2", 1/2" Meter..These are all the same 5/8" Meter</b>		
<b>031 - JABO STOCK</b> <b>440NL- MANUFACTURE STOCK</b> * CALL JABO SUPPLY								

**WATERWORKS BRASS**

**METER ACCESSORIES**

Meter Bushings & Adapters

CALL JABO SUPPLY	METER GASKETS					IDLER BAR	S-BAR
							
TYPE	RUBBER METER GASKETS					IDLER BAR	S-BAR
NAME	FLANGED	METER GASKET	SEALS METER & YOKE CONNECTION	FULL FACE	FIBER METER GASKET	PLASTIC IDLER BAR	SBAR FOR TANDEM SETTERS
SERIES	42	41	41SR	4070 AY	45	450	4160 AY
METER SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #
5/8"	*	<b>031-16728</b>	<b>031-16752</b>	*	45-1	<b>031-20712</b>	*
5/8"X 3/4"	*	<b>031-16732</b>	<b>031-16756</b>	*	45-3	<b>031-20730</b>	<b>031-50050</b>
3/4"	*	*	*	*	*	<b>031-20720</b>	*
1"	*	<b>031-16736</b>	<b>031-16760</b>	*	45-4	*	*
1-1/2"	<b>031-17096</b>	*	*	4070-000	*	*	*
2"	<b>031-17100</b>	*	*	<b>031-17102</b>	*	*	*


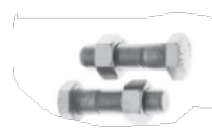
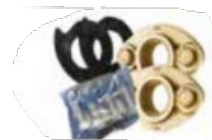



031 - JABO STOCK

41,42,41SR,4070,45,450,460 MANUFACTURE STOCK






\* CALL JABO SUPPLY

## WATERWORKS BRASS

METER ACCESSORIES  
Flanges & Flange Kits

BOLT KITS (4 Per Kit)		METER FLANGE( KITS )					
ZINC	STAINLESS STEAL (SS)	METER FLANGE X FIP	METER FLANGE X SOLDER	METER FLANGE X MIP	CAST IRON X FIP	CAST BRONZE	
42NL	42NL	421NL	423NL	424NL	422NL	PART NUMBER	
						18528	NO PICTURE AVAILABLE
<b>STOCK</b>	<b>NON STOCK</b>	<b>STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>		<b>STOCK</b>

FLANGE ONLY	031- JABO STOCK	STAINLESS STEEL BOLTS				CALL JABO SUPPLY
BRASS METER FLANGE X FIP	42, 422NL, 421NL, 423NL, 424NL, 5030 - MANUFACTURE STOCK	METER FLANGE X FIP	METER FLANGE X SOLDER	METER FLANGE X MIP	CAST IRON X FIP	031-JABO#
5030		421NL- SS	423NL-SS	424NL	422NL -SS	MANUFACTURE #
	*NON STOCK CALL JABO SUPPLY					42NL- 421NL-424NL 5030 CALL JABO *
NON STOCK		<b>STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	<b>NON STOCK</b>	

TYPE	BOLT KITS		METER FLANGE KITS (ZINC BOLTS)					METER FLANGE KITS (SS BOLTS)			FLANGE ONLY	
	ZINK	SS	BRASS			CAST IRON	CAST BRONZE	BRASS			BRASS	
			X FIP	X SOLDER	X MIP	X FIP	XFIP	X FIP	X SOLDER	X MIP	XFIP	
CONNECTION												
SERIES	42NL	42NL	421NL	423NL	424NL	422NL	NA	421NL-SS	423NL-SS	424NL-SS	5030	
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	
1/2"	<b>031-17088</b>	42-0	<b>031-17104</b>	423NL-6	424NL-6	422NL-6	*	421NL-6SS	423NL-6SS	424NL-6SS	5030295NL	
2"	<b>031-17092</b>	42-1	<b>031-17112</b>	423NL-7	424NL-7	422NL-7	<b>031-17094</b>	421NL-7SS	423-NL-7SS	424-7SS	5030390NL	

WATERWORKS BRASS

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IRON YOKES




# IRON YOKES

**WATERWORKS BRASS**

IRON YOKES  
Picture Index

IRON YOKES		GASKETS		
IRON YOKE STD	IRON YOKE PRONGS	METER & YOKE GASKET	EXPANSION WHEEL GASKET	EXPANSION WHEEL GASKET
SERIES 460	SERIES 461	SERIES 41	SERIES 44	SERIES 45
				
STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK


EXPANSION CONNECTIONS			STAR NUT	INVERTED KEY
HAND WHEEL TYPE	WRENCH TYPE	LOCK WING SOCKET SCREW		
SERIES 430NL	SERIES 431NL	SERIES 432NL	SERIES 81	SERIES 433
				
STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

EXPANDER WRENCH

STOCK






## WATERWORKS BRASS

### IRON YOKES





#### 210NL ANGLE VALVE WITH YOKE CONNECTION BALL VALVE

CTS X YOKE				COPPER FLARE X YOKE		FIP X YOKE			
CAMPAK X YOKE		GRIP X YOKE		CB X YOKE		COPPER FLARE X YOKE		FIP X YOKE	
<b>STOCK</b>		<b>NON STOCK</b>		<b>STOCK</b>		<b>NON STOCK</b>		<b>STOCK</b>	


#### 212 NL STRAIGHT YOKE VALVE BALL SYTLE

CTS X YOKE			COPPER FLARE X YOKE		FIP X YOKE	
CAMPAK X YOKE	GRIP X YOKE	CB X YOKE	COPPER FLARE X YOKE	FIP X YOKE		
						
<b>NON STOCK</b>		<b>NON STOCK</b>		<b>NON STOCK</b>		

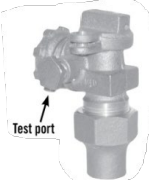
#### ANGLE DUAL CHECK VALVES

CB	CAMPAK	GRIP	FIP
			
<b>NON STOCK</b>		<b>NON STOCK</b>	

#### 501NL CASCADE

YOKE X FIP	
	
<b>STOCK</b>	






#### PLUG VALVE W / TEST PORT

FIP X YOKE	
	
<b>STOCK</b>	

**WATER WORKS BRASS**

**IRON YOKE**

**105NL ANGLE COUPLING WITH YOKE CONNECTION**

CTS X CTS	YOKE X CTS	YOKE X CTS	COPPER X YOKE	YOKE X FIP
YOKE X CB	YOKE X CAMPAK	YOKE X GRIP	COPPER X YOKE	YOKE X FIP
				
NON STOCK	NON STOCK	NON STOCK	NON STOCK	NON STOCK

**105NL CONT.**

WITH WASTE DRAIN

YOKE X CB (CTS)



NON STOCK

**BUILDING A SETTER**

**BUILDING IRON YOKE SETTER**

*HOW TO BUILD IRON YOKE ASSEMBLY*


**117NL STRAIGHT COUPLINGS WITH YOKE CONNECTIONS**

CTS X YOKE		
CAMPAK X YOKE	GRIP X YOKE	CB X YOKE
		
NON STOCK	NON STOCK	NON STOCK
COPPER FLARE X YOKE	FIP X YOKE	MIP X YOKE
COPPER FLARE X YOKE	FIP X YOKE	MIP X YOKE
		
NON STOCK	NON STOCK	NON STOCK

## WATER WORKS BRASS

### IRON YOKES

#### Iron Yokes & Accessories

	YOKE BARS & GASKETS					EXPANSION CONNECTIONS			STAR NUT	INVERTED KEY
	IRON YOKE BARS		GASKETS			EXPANSION CONNECTIONS			FOR IRON YOKE VALVE & FITTING	
	STD	with PRONGS	METER & YOKE	PROFILE EXPANSION	FIBER GASKET	HANDWHEEL TYPE	WRENCH TYPE	LOCK WING SOCKET SCREW		
SERIES	460	461	41	44	45	430NL	431NL	432NL	81	433-KEY
METER SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
5/8"	031-20776	*	41-SR1	44-1	45-1	031-19152	*	*	81-SR1	433-KEY
5/8" X 3/4"	031-20780	*	*	*	*	*	*	*	81-SR3	na
3/4"	*	*	41-SR3	44-3	45-3	031-19156	*	*	*	na
1"	031-20788	*	41-SR4	44-4	45-4	031-19164	*	*	81-SR4	na

**031-xxxxx-Jabo Part #**


4XX or 81 Manufacture#


\*Call Jabo Supply

<b>CALL JABO SUPPLY</b>	EXPANDER WRENCH
METER SIZE	PART#
*5/8"	031-53010
5/8" x 3/4" or 3/4"	031-53015
<1	031-53000
*5/8 has 1/2 Meter Threads	

WATER WORKS BRASS

IRON YOKES  
IRON Yoke Valves

		<b>ANGLE VALVE BALL WITH YOKE CONNECTION</b>					<b>STRAIGHT BALL WITH YOKE CONNECTION</b>				
		CTS X YOKE NOSE			COPPER FLARE X YOKE	FIP X YOKE NOSE	CTS X YOKE NOSE			COPPER FLARE X YOKE	FIP X YOKE NOSE
		CAMPACK	GRIP	CB			CAMPACK	GRIP	CB		
<b>SERIES</b>		<b>210NL</b>					<b>212NL</b>				
<b>OUTLET SIZE</b>	<b>METER SIZE</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>
3/4"	5/8"	<b>031-13776</b>	210NL-GJ3SR1	<b>031-14048</b>	210NL-C3SR1	210NL-F3SR1	212NL-B3SR1	212NL-GJ3SR1	212NL-H3SR1	212NL-C3SR1	212NL-F3SR1
3/4"	5/8" X 3/4" X 3/4"	<b>031-13780</b>	210NL-GJ3SR3	210NL-H3SR3	210NL-C3SR3	<b>031-13916</b>	212NL-B3SR3	212NL-GJ3SR3	212NL-H3SR3	212NL-C3SR3	212NL-F3SR3
1"	5/8"	*	*	*	210NL-C4SR1	*	*	*	*	*	*
1"	5/8" X 3/4" X 3/4"	210NL-B4SR3	210NL-GJ4SR3	210NL-H4SR3	210NL-C4SR3	210NL-F4SR3	212NL-B4SR3	212NL-GJ4SR3	212NL-H4SR3	212NL-C4SR3	212NL-F4SR3
1"	1"	210NL-B4SR4	210NL-GJ4SR4	210NL-H4SR4	210NL-C4SR4	210NL-C4SR4	212NL-B4SR4	212NL-GJ44SR4	212NL-H4SR4	212NL-C4SR4	212NL-F4SR4


		<b>ANGLE YOKE STYLE DUAL CHECK VALVE</b>					
		<b>CARTRIDGE DUAL CHECK (Tall)</b>					<b>CASCADE</b>
		CTS X YOKE NOSE			COPPER FLARE X YOKE	FIP X YOKE NOSE	YOKE X FIP
CAMPACK	GRIP	CB					
<b>SERIES</b>		<b>500NL</b>					<b>501NL</b>
<b>METER SIZE</b>	<b>OUTLET SIZE</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>	<b>PART#</b>
5/8"	3/4"	<b>031-20838</b>	500NL-SR1GJ3	500NL-SR1H3	500NL-SR1C3	500NL-SR1F3	*
5/8" X 3/4" X 3/4"	3/4"	<b>031-20840</b>	500NL-SR3GJ3	500NL-SR3H3	500NL-SR3C3	500NL-SR3F3	<b>031-20912</b>
5/8"	1"	*	*	*	500NL-SR1C4	*	*
5/8" X 3/4" X 3/4"	1"	500NL-SR3B4	500NL-SR3GJ4	500NL-SR3H4	*	*	*
1"	1"	<b>031-20872</b>	500NL-SR4GJ4	500NL-SR4H4	*	500NL-SR4F4	*

<b>ANGLE VALVE PLUG</b>		
<b>031-JABO#</b>		<b>FIP X YOKE w/ test port</b>
<b>51xx-Manufacture#</b>		
<b>CALL JABO SUPPLY</b>		
<b>INLET</b>	<b>Meter Size</b>	<b>PART#</b>
3/4"	5/8"	5133-381
3/4"	5/8"x3/4"	<b>031-50500</b>
1"	1"	5124-186

**031-xxxxx-Jabo Part #**  
210NL 212NL / 5xx Manufacture#  
\*Call Jabo Supply

## COMPRESSION BRASS

### IRON YOKES Iron Yoke Couplings

		<b>ANGLE COUPLING WITH YOKE CONNECTION</b>					<b>STRAIGHT COUPLINGS WITH YOKE CONNECTIONS</b>					
		CTS X YOKE NOSE			COPPER FLARE X YOKE	FIP X YOKE NOSE	CTS X YOKE NOSE			COPPER FLARE X YOKE	FIP X YOKE NOSE	MIP X YOKE NOSE
		CAMPACK	GRIP	CB			CAMPACK	GRIP	CB			
<b>SERIES</b>		<b>105NL</b>					<b>117NL</b>					
METER SIZE	OUTLET SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#
5/8"	3/4"	105NL-SR1B3	105NL-SR1GJ3	105NL-SR1H3	105NL-SR1C3	105NL-SR1F3	117NL-SR1B3	117NL-SR1GJ3	117NL-SR1H3	117NL-SR1C3	117NL-SR1F3	117NL-SR1M3
5/8" X 3/4" X 3/4"	3/4"	105NL-SR3B3	105NL-SR3GJ3	105NL-SR3H3	105NL-SR3C3	105NL-SR3F3	117NL-SR3B3	117NL-SR3GJ3	117NL-SR3H3	117NL-SR3C3	117NL-SR3F3	117NL-SR3M3
5/8"	1"	*	*	*	*	*	*	*	*	*	*	*
5/8" X 3/4" X 3/4"	1"	*	*	*	*	*	117NL-SR3B4	117NL-SR3GJ4	117NL-SR3H4	117NL-SR3C4	117NL-SR3F4	117NL-SR3M4
1"	1"	105NL=SR4B4	105NL=SR4GJ4	105NL=SR4H4	105NL=SR4C4	105NL=SR4F4	*	*	117NL-SR4H4	117NL-SR4C4	117NL-SR4F4	117NL-SR4M4

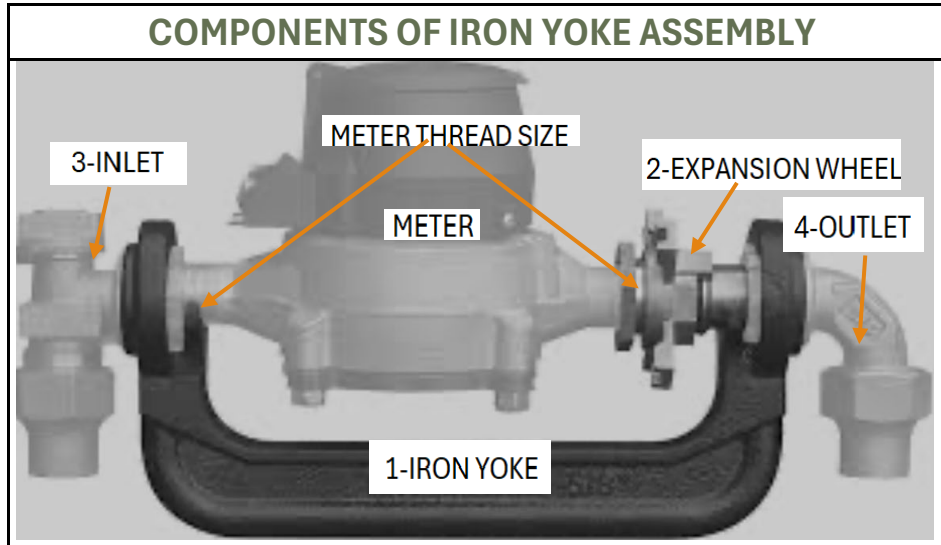
<b>ANGLE COUPLING WITH WASTE DRAIN</b>		
CALL JABO SUPPLY		CB X YOKE
<b>SERIES</b>		<b>105NL</b>
INLET SIZE	OUTLET SIZE	PART#
5/8" X 3/4" X 3/4"	3/4"	105NL-SR3H3W
1"	1"	105NL-SR4H4W

**031-xxxxx-Jabo Part #**  
105NL / 117NL Manufacture#  
\*Call Jabo Supply

## WATER WORKS BRASS

### IRON YOKES

#### Components of Iron Yoke Assembly



**STRAIGHT 5/8" METER HAS 1/2" THREADS , 5/8" X 3/4" IS A 5/8" METER WITH 3/4" THREADS**

YOKE BAR	EXPANSION WHEEL	INLET	OUTLET
<b>Pick One</b>	<b>Pick One</b>	<b>Pick One</b>	<b>Pick One</b>
Series 460 Standard	430NL-Handwheel	210NL Angle Valve	500NL-Dual Check Valve
Series 461 W Prongs	431NL-Wrench	212NL Straight Valve	501NL-Dual Check Cascade
<b>Call Jabo Supply</b>	432NL-Lock Wing Socket	<b>Call Jabo Supply</b>	117NL-Straight Coupling
	<b>Call Jabo Supply</b>		105NL-Angle Coupling
			<b>Call Jabo Supply</b>

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## PLASTIC COMPRESSION FITTINGS

**PLASTIC COMPRESSION FITTINGS**

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**Philmac**

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## PLASTIC COMPRESSION FITTINGS

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MEGATITE










# MEGATITE PLASTIC COMPRESSION FITTINGS

MEGATITE®

## PLASTIC COMPRESSION FITTINGS

### MEGATITE PLASTIC COMPRESSION FITTINGS

CURB STOPS		STRAIGHT METER VALVE	STRAIGHT METER COUPLING	ANGLE METER VALVE	TAPPER MAIN STOP
BALL					
Full Port	Reduced Port				
210-	211-	220	417-	230-	201-
					

ADAPTERS		COUPLINGS	TEE	END NUTS	MAIN STOP SADDLE
MIP	FIP				
117-		118-	150-	100-	200-
					

FITS PIPE TYPES					
NAME MEGATITE	TYPE	COLOR	ABBR	NAME	
Plastic	CTS Poly Tubing, PEX	Blue	FIP	Female Iron Pipe	
Copper Pipe	Copper Tubing	Copper	MIP	Male Iron Pipe	
Pvc Pipe	IPS PVC (Sch 40/80)	Grey	<b>CALL JABO SUPPLY</b>		
IP Plastic Pipe	PEP (SIDR 7)	Red			
<b>CALL JABO SUPPLY</b>					

**MEGATITE®**

## PLASTIC COMPRESSION FITTINGS

### MEGATITE PLASTIC COMPRESSION FITTINGS

#### BALL VALVE CURB STOP

FULL PORT										REDUCED PORT	
INLET X OUTLET	<i>Plastic X Plastic Pipe</i>	<i>Copper X Copper Pipe</i>	<i>Plastic X Copper Pipe</i>	FIP x FIP	<i>Plastic x FIP</i>	<i>IP Plastic X IP Plastic</i>	<i>PVC X PVC Plastic PIPE</i>	<i>Plastic X IP Plastic Pipe</i>	<i>Copper X IP Plastic Pipe</i>	INLET X OUTLET	<i>Plastic X Plastic Pipe</i>
SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	PART#	SIZE	PART#
<b>3/4" x 3/4"</b>	028-95000	210-C3C3	210-X3C3	210-F3F3	na	210-IP3IP3	na	210-X3IP3	210-C3IP3	<b>3/4" x 3/4"</b>	na
<b>1" x 1"</b>	028-95005	210-C4C4	210-X4C4	210-F4F4	na	210-IP4IP4	210-P4P4	na	na	<b>1" x 1"</b>	na
<b>3/4" x 1"</b>	210-X3X4	210-C3C4	210-C4X3	na	na	na	na	na	na	<b>3/4" x 1"</b>	na
<b>1" x 3/4"</b>	na	na	210-X4C3	na	na	na	na	na	na	<b>1" x 3/4"</b>	na
<b>1-1/4" X 1-1/4"</b>	na	na	na	na	na	na	na	na	na	<b>1-1/4" X 1-1/4"</b>	211-X5X5
<b>1-1/2" x 1-1/2"</b>	210-X6X6	210-C6C6	210-F6F6	na	210-X6F6	na	na	na	na	<b>1-1/2" x 1-1/2"</b>	na
<b>2" x 2"</b>	210-X7X7	210-C7C7	210-F7F7	na	210-X7F7	na	na	na	na	<b>2" x 2"</b>	na
<i>028-XXXXX Jabo Stocking Number</i>				<i>210-XXXXXX MFG (Megatite ) Part Number (Jabo Non Stock)</i>					<i>na= Not Available</i>		

#### STRAIGHT METER VALVES

INLET X OUTLET	<i>Plastic x 3/4" Meter Swivel Nut</i>	FIP x Meter Swivel Nut	<i>Plastic x FIP</i>	<i>Copper x Meter Swivel</i>	<i>Copper x FIP</i>	FIP x FIP
SIZE	PART #	PART #	PART #	PART #	PART #	PART #
3/4"	220-X3T3	220-F3T3	220-X3F3	220-C3T3	220-C3F3	220-F3F3
1" X 3/4"	220-X4T3	220-F4T3	220-X4F3	220-C4T3	220-C4F3	220-F4F3
1"	220-X4T4	220-F4T4	220-X4F4	220-C4T4	220-C4F4	220-F4F4
<i>028-XXXXX Jabo Stocking Number</i>				<i>220-XXXX &amp; 417-XXXX MFG (Megatite ) Part Number (Jabo Non Stock)</i>		

#### STRAIGHT METER COUPLINGS

INLET X OUTLET	Meter Tail x MIP
SIZE	PART #
3/4"	417-T3M3
1"	417-T4M4

*REF to Picture Index for  
Pipe Types*

**PLASTIC COMPRESSION FITTINGS**

MEGATITE

**ANGLE METER VALVES**

INLET X OUTLET	Plastic x Meter Swivel Nut	Plastic x FIP	FIP x Meter Swivel	Copper x Meter Swivel	Copper x FIP	FIP x FIP	IP Plastic x Meter Swivel Nut
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #
3/4"	230-X3T3	230-X3F3	230-F3T3	230-C3T3	230-C3F3	230-F3F3	230-IP3T3
1" X 3/4"	230-X4T3	230-X4F3	230-F4T3	230-C4T3	230-C4F3	230-F4F3	na
1"	230-X4T4	230-X4F4	230-F4T4	230-C4T4	230-C4F4	230-F4F4	na
028-XXXXX Jabo Stocking Number				230-XXXX MFG (Megatite ) Part Number (Jabo Non Stock)			na= Not Available

**TAPPER/MAINSTOP**

INLET X OUTLET	Saddle Thread x Plastic Pipe Tapper	Saddle Thread x Copper Pipe Tapper	Saddle Thread x IP Plastic Pipe Tapper	Saddle Thread x PVC Pipe Tapper	
SIZE	PART #	PART #	PART #	PART #	
1" X 3/4"	201-ST4X3	201-ST3C3	201-ST4IP3	na	
1"	201-ST4X4	201-ST4C4	201-ST4IP4	201-ST4P4	
1" X 1-1/4"	201-ST4X5	na	na	na	
028-XXXXX Jabo Stocking Number			201-XXXX MFG (Megatite ) Part Number (Jabo Non Stock)		na= Not Available

REF to Picture Index for Pipe Types

**PLASTIC COMPRESSION FITTINGS**

MEGATITE

**ADAPTERS**

INLET X OUTLET	X MALE (MIP)			X FEMALE (FIP)		FEMALE COPPER FLARE	
	Plastic X MIP	Copper X MIP	IP Plastic X MIP	Plastic x FIP	Copper x FIP	Plastic x Copper Flare	Copper x Female Copper Flare
SIZE	PART#	PART#	PART#	PART#	PART#	PART#	PART#
3/4"	028-95340	117-C3M3	028-95375	117-X3F3	117-C3F3	117-X3O3	117-C3O3
1" X 3/4"	117-X4M3	117-C4M3	na	*	na	na	na
1"	028-95350	117-C4M4	na	117-X4F4	117-C4F4	117-X4O4	117-C4O4
1-1/2"	117-X6M6	na	na	na	na	na	na

REF to Picture Index for Pipe Types

**COUPLINGS**

INLET X OUTLET	Plastic X Plastic Pipe	Plastic X Copper Pipe	Copper X Copper Pipe	IP Plastic X IP Plastic	Plastic x IP Pipe	Copper X IP Plastic
SIZE	PART#	PART#	PART#	PART#	PART#	PART#
3/4"	028-95420	028-95440	028-95560	028-95575	028-95585	118-C3IP3
1" X 3/4"	028-95423	118-X4C3	118-C4C3	na	na	na
1"	028-95425	028-95445	118-C4C4	028-95580	na	na
1-1/4"	028-95435	na	na	na	na	na
3/4" X 1"	see 1x3/4	118-X3C4	na	na	na	na

**TEES**

Run x Outlet	Plastic Pipe	Copper Pipe
SIZE	PART#	PART#
3/4"	150-X3X3	150-C3C3
3/4" x 1"	150-X3X4	150-C3C4
1"	150-X4X4	150-C4C4

**END NUTS**

	Plastic	Copper	IP Plastic	PVC Plastic
SIZE	PART#	PART#	PART#	PART#
3/4"	100-X3	100-C3	100-IP3	na
1"	100-X4	100-C4	100-IP4	100-P4
1-1/4"	100-X5	na		na

028-XXXXX Jabo Stocking Number

(117) (118) (150(100))-XXXX MFG (Megatite ) Part Number (Jabo Non Stock)

na= Not Available

**PLASTIC COMPRESSION FITTINGS**

MEGATITE

**SADDLES AND TAPPER COMBINED**

Tapper for Plastic Pipe		
OD SIZE	OD RANGE	PART #
4"x 3/4"	4.50-4.80	200-ST4X3
4"x1"		200-ST4X4
4"x1-1/4"		200-ST4X5
6" x 3/4"	6.63-6.90	200-St6x3
6" x 1"		200-St6x4
6" x 1-1/4"		200-St6x5
8" x 3/4"	8.63-9.05	200-ST8X3
8" x 1"		200-ST8X4
8" x 1-1/4"		200-ST8X5
10" x 3/4"	10.75-11.10	200-ST10X3
10" x 1"		200-ST10X4
10" x 1-1/4"		200-ST10X5
12" x 3/4"	12.75-13.20	200-ST12X3
12" x 1"		200-ST12X4
12" x 1-1/4"		200-ST12X5
14" x 3/4"	15.25-16.05	200-ST14X3
14" x 1"		200-ST14X4
14" x 1-1/4"		200-ST14X5
16" x 3/4"	17.35-18.15	200-ST16X3
16" x 1"		200-ST16X4
16" x 1-1/4"		200-ST16X5

Tapper for Copper Pipe		
OD SIZE	OD RANGE	PART #
4"x 3/4"	4.50-4.80	200-ST4C3
4"x1"		200-ST4C4
4"x1-1/4"		na
6" x 3/4"	6.63-6.90	200-ST6C3
6" x 1"		200-ST6C4
6" x 1-1/4"		na
8" x 3/4"	8.63-9.05	200-ST8C3
8" x 1"		200-ST8C4
8" x 1-1/4"		na
10" x 3/4"	10.75-11.10	200-ST10C3
10" x 1"		200-ST10C4
10" x 1-1/4"		na
12" x 3/4"	12.75-13.20	200-ST12C3
12" x 1"		200-ST12C4
12" x 1-1/4"		na
14" x 3/4"	15.25-16.05	200-ST14C3
14" x 1"		200-ST14C4
14" x 1-1/4"		na
16" x 3/4"	17.35-18.15	200-ST16C3
16" x 1"		200-ST16C4
16" x 1-1/4"		na

Tapper for IP Plastic Pipe		
OD SIZE	OD RANGE	PART #
4"x 3/4"	4.50-4.80	200-ST4IP3
4"x1"		200-ST4IP4
4"x1-1/4"		na
6" x 3/4"	6.63-6.90	200-ST6IP3
6" x 1"		200-ST6IP4
6" x 1-1/4"		na
8" x 3/4"	8.63-9.05	200-ST8IP3
8" x 1"		200-ST8IP4
8" x 1-1/4"		na
10" x 3/4"	10.75-11.10	200-ST10IP3
10" x 1"		200-ST10IP4
10" x 1-1/4"		na
12" x 3/4"	12.75-13.20	200-ST12IP3
12" x 1"		200-ST12IP4
12" x 1-1/4"		na
14" x 3/4"	15.25-16.05	200-ST14IP3
14" x 1"		200-ST14IP4
14" x 1-1/4"		na
16" x 3/4"	17.35-18.15	200-ST16IP3
16" x 1"		200-ST16IP4
16" x 1-1/4"		na

028-XXXXX Jabo Stocking Number

201-XXXX MFG (Megatite ) Part Number (Jabo Non Stock)

na= Not Available

## PLASTIC COMPRESSION FITTINGS

PHILMAC PLASTIC COMPRESSION FITTINGS

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# PHILMAC PLASTIC COMPRESSION FITTINGS

**Philmac**

## PLASTIC COMPRESSION FITTINGS

### PHILMAC UTC FITTINGS

#### PICTURE INDEX

**UTC COUPLINGS**



STOCK

**UTC REDUCING COUPLING**



STOCK

**UTC FEMALE TEE**



NON STOCK

**UTC 90 ELBOW**



NON STOCK

**MALE ADAPTERS**



NON STOCK

**UTC WRENCH**



NON STOCK

*Philmac UTC (Universal Transition Coupling) is a unique range of compression fittings that provides the ultimate in pipe connection flexibility.*

**Philmac**

by **alixis**

**PLASTIC COMPRESSION FITTINGS**

PHILMAC UTC PIPE CHART

NAME	PIPE TYPE
CTS	Type K Tubing
	Type L Tubing
	Polyethylene ASTM D2737 SDR 9 Tube Size
	PEX Tubing ASTM F876 SDR 9
	Polybutylene ASTM D2666 SDR 9 Tube Size Class 250
IPS ID CONTROLLED	Polybutylene ASTM D2662 SIDR 7
	Polyethylene ASTM D2239 SIDR 7
IPS OD CONTROLLED	Brass Pipe
	PVC ASTM D1785 SCH 40
	Polyethylene ASTM D3035 SDR 9 OD Controlled Iron Pipe Size
	Polyethylene ASTM D3035 SDR 11 OD Controlled Iron Pipe Size
	Steel Pipe
	Galvanized Steel Pipe
LEAD PIPE STRONG	STRONG S
	STRONG A
LEAD PIPE EXTRA STRONG	XS
	AA
LEAD PIPE DOUBLE EXTRA STRONG	XXS
	AAA

## PLASTIC COMPRESSION FITTINGS

PHILMAC UTC

TYPE OF FITTING	UTC COUPLINGS & REDUCING COUPLINGS										TEE	
FITS TYPE OF PIPE	CTS	IPS ID	IPS OD	HDPE IRRIGATION	LEAD PIPE			IPS OD X CTS / IPS ID	IPS OD X IPS OD	IPS OD X CTS	CTS	IPS ID
		SIDR 7/9		SIDR 11.5	STRONG	EXTRA STRONG	DOUBLE EXTRA					
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	028-10000	028-10000	na	na	028-10000	028-10180	028-10180	na	na	na	na	na
3/4" X 1/2"	028-10170	028-10170	na	na	na	na	na	na	na	na	na	na
3/4"	028-10180	028-10180	na	na	028-10190	028-10190	**028-10190	na	na	na	75-612BBB	75-612BBB
1"	028-10190	028-10190	75-608DD	na	75-608DD	75-608DD	75-608EE	na	na	na	na	na
1" X 1/2"	028-10200	028-10200	na	na	na	na	na	na	na	na	na	na
1" X 3/4"	028-10210	028-10210	na	na	na	na	na	na	na	na	na	na
1-1/4"	75-608DD	na	75-608EE	na	75-608EE	na	75-608FF	na	na	na	na	na
1-1/4" x 1"	028-10230	028-10230	na	na	na	na	na	75-617EC	na	na	na	na
1-1/2"	75-608EE	na	75-608FF	75-608FF	na	na	na	na	na	75-617FE	na	na
1-1/2" x 1"	75-617EC	75-617EC	na	na	na	na	na	na	na	na	na	na
1-1/2" x 1-1/4"	na	na	na	na	na	na	na	na	75-617FE	na	na	na
2"	na	na	75-608GG	na	na	na	na	na	na	*028-10300	na	na

TYPE OF FITTING	MALE ADAPTES		SERVICE TEE		90 ELBOW		WRENCH		028-XXXXX Jabo Stocking Number			
FITS TYPE OF PIPE	CTS X MIP	IPS ID X MIP	CTS X MIP	IPS ID X MIP	CTS	IPS ID	SIZE	PART #	075-XXXXX MFG (PHILMAC) Part Number (Jabo Non Stock)  na= Not Available  *This is not a UTC Coupling- This is a Transition from CTS / IPS OD Transition Coupling  ** if OD of the 3/4" Double Extra Strong lead pipe is larger than 1.34", use a Size DD UTC fitting or shave the pipe to fit a Size C UCT Fitting.			
							3/4"	75-602BC				
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	SIZE	PART #				
3/4" X 3/4"	75-6303B	75-6303B	75-651BB3	75-651BB3	75-618BB	75-618BB	1-1/4"	75-602BC				
3/4" X 1"	75-6304B	75-6304B	na	na	na	na	1-1/2"	75-602EF				
1" X 1"	75-6304C	75-6304C	na	na	na	na	2"	77-3028				

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## LEAD FREE THREADED BRASS

## LEAD FREE THREADED BRASS

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## LEAD FREE THREADED BRASS

### PICTURE INDEX

PIPE	NIPPLES	STANDARD ELBOWS		TEES	STREET ELBOW	
LF BRASS PIPE	LF BRASS NIPPLES	LF 90 ELBOW	LF 45 ELBOW	LF TEE	LF STREET 90	LF STREET 45
						
STOCK	STOCK	STOCK	STOCK	STOCK	STOCK	STOCK

CAPS	PLUGS		UNIONS	COUPLINGS	LOCKNUT	CROSS
LF CAP	LF CORED	LF SOLID	LF BRASS UNIONS	LF BRASS COUPLING	LF BRASS LOCKNUT	LF BRASS CROSS
						
STOCK	STOCK	STOCK	STOCK	STOCK	NON STOCK	NON STOCK

REDUCING			
LF COUPLING	LF HEX BUSHING	LF REDUCING 90	LF REDUCING TEE
			
STOCK	STOCK	NON STOCK	NON STOCK

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**LEAD FREE THREADED BRASS**  
**DIFFERENCES IN YELLOW AND RED BRASS**

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**DIFFERENCES IN LEAD FREE THREADED BRASS TYPES**

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Brass pipe fittings can be made from different types of brass, including yellow brass and red brass. Yellow brass is an alloy of copper and zinc and is the most common type of brass used for fittings. It has a bright, yellowish color and is commonly used in plumbing applications.

Red brass, on the other hand, is an alloy of copper and a higher percentage of zinc compared to yellow brass, along with a small amount of tin. It has a reddish color and is sometimes referred to as "red brass" or "bronze." Red brass is often used for fittings that require higher strength and corrosion resistance.

In general, most brass pipe fittings used in plumbing applications are made from yellow brass due to its cost-effectiveness and suitability for a wide range of applications. However, red brass fittings may be used in specific cases where higher strength or corrosion resistance is required.

**JABO STOCK**

**LF Brass Pipe-Red**

**LF Brass Nipples -Red**

**LF Threaded Brass Fittings - Yellow**

**LEAD FREE THREADED BRASS**

Brass Pipe & Nipples

**LEAD FREE RED BRASS PIPE**

JABO PART#	SIZE
030-00009	1/2"
030-00008	3/4"
030-00007	1"
030-00006	1-1/4"
030-00005	1-1/2"
030-00001	2"

**JABO# -FOR BRASS PIPE AND NIPPLES ARE "RED" BRASS**

**\* Non Stock Call Jabo Supply**

**Jabo can Fabricate Nipples from 1/8"-4"**

**LEAD FREE THREADED NIPPLES**

LENGTH	LENGTH	OD								
		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
		JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
	<b>CLOSE</b>	030-50000	030-50160	030-50360	030-50520	030-50710	030-50840	030-50980	030-51080	030-51200
	<b>1-1/2"</b>	030-50030	030-50180	030-50380	030-50540	030-50720	*	*	*	*
	<b>2"</b>	030-50060	030-50200	030-50400	030-50580	030-50740	030-50860	*	*	*
	<b>2-1/2"</b>	030-50070	030-50220	030-50420	030-50590	030-50750	030-50880	*	*	*
	<b>3"</b>	030-50080	030-50240	030-50440	030-50600	030-50760	030-50900	030-51000	030-51100	030-51220
	<b>3-1/2"</b>	030-50090	030-50260	030-50450	030-50620	030-50770	030-50910	*	*	*
	<b>4"</b>	030-50100	030-50280	030-50460	030-50640	030-50780	030-50920	030-51020	030-51120	030-51240
	<b>4-1/2"</b>	*	030-50300	*	030-50650	030-50790	030-50930	*	*	*
	<b>5"</b>	030-50120	030-50320	030-50480	030-50680	030-50800	030-50940	*	030-51160	030-51260
	<b>5-1/2"</b>	*	030-50325	030-50485	030-50690	030-50810	030-50950	*	*	*
	<b>6"</b>	030-50140	030-50340	030-50500	030-50700	030-50820	030-50960	030-51060	030-51180	030-51280
	<b>7"</b>	*	*	*	*	*	*	*	*	*
	<b>8"</b>	*	*	*	*	*	*	*	*	*
	<b>10"</b>	*	*	*	*	*	*	*	*	*
	<b>12"</b>	*	*	*	030-50705	030-50828	030-50965	*	030-51185	030-51285

**LEAD FREE THREADED BRASS**

**FITTINGS**

**SIZE ON SIZE**

	90	45	TEE	STREET 90	STREET 45	CAP	CORED SQ HEAD PLUG	SOLID SQ HEAD PLUG	UNION	COUPLING
SIZE	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/8"	030-80000	030-80152	030-80305	030-80210	030-80270	*	*	*	030-81125	030-80535
1/4"	030-80005	030-80155	030-80310	030-80215	030-80271	030-80925	*	030-81025	030-81130	030-80540
3/8"	030-80015	030-80160	030-80320	030-80220	030-80272	030-80930	*	030-81030	030-81135	030-80545
1/2"	030-80025	030-80165	030-80330	030-80225	030-80275	030-80935	030-80980	030-81035	030-81140	030-80550
3/4"	030-80035	030-80170	030-80350	030-80230	030-80280	030-80940	030-80985	030-81040	030-81145	030-80555
1"	030-80055	030-80175	030-80380	030-80235	030-80285	030-80945	030-80990	030-81045	030-81150	030-80560
1-1/4"	030-80070	030-80180	030-80415	030-80240	030-80290	030-80950	*	030-81050	030-81155	030-80565
1-1/2"	030-80085	030-80185	030-80430	030-80245	030-80295	030-80955	030-81000	030-81055	030-81160	030-80570
2"	030-80105	030-80190	030-80455	030-80250	030-80300	030-80960	030-81005	030-81060	030-81165	030-80575
2-1/2"	030-80130	030-80195	030-80485	030-80255	*	030-80965	030-81010	030-81065	030-81170	030-80580
3"	030-80140	030-80200	030-80495	030-80260	*	030-80970	030-81015	030-81070	030-81175	030-80585
4"	030-80150	030-80205	030-80500	030-80265	*	030-80975	030-81020	030-81075	030-81180	030-80590

**REDUCING**

1/4"-1"			1-1/4"2"			2-1/2"-4"			
SIZE	REDUCING COUPLING	HEX BUSHING	SIZE	REDUCING COUPLING	HEX BUSHING	SIZE	REDUCING COUPLING	HEX BUSHING	
	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
1/4" X 1/8"	030-80595	030-80746	1-1/4" X 1/2"	030-80655	030-80810	2-1/2" X 3/4"	*		
3/8" X 1/4"	030-80605	030-80747	1-1/4" X 3/4"	030-80660	030-80815	2-1/2" X 1"	*		030-80880
3/8" X 1/8"	030-80600	*	1-1/4" X 1"	030-80665	030-80820	2-1/2" X 1-1/4"	030-80715		030-80885
1/2" X 1/8"	030-80610	030-80750	1-1/2" X 1/2"	030-80670	030-80835	2-1/2" X 1-1/2"	030-80720		030-80890
1/2" X 1/4"	030-80615	030-80755	1-1/2" X 3/4"	030-80675	030-80840	2-1/2" X 2"	030-80725		030-80895
1/2" X 3/8"	030-80620	030-80760	1-1/2" X 1"	030-80680	030-80845	3" X 1"	*		*
3/4" X 1/8"	*	030-80765	1-1/2" X 1-1/4"	030-80685	030-80850	3" X 1-1/2"	030-80730		030-80900
3/4" X 1/4"	030-80625	030-80770	2" X 1/2"	030-80690	030-80855	3" X 2"	030-80735		030-80905
3/4" X 3/8"	030-80630	030-80775	2" X 3/4"	030-80695	030-80860	3" X 2-1/2"	030-80740		030-80910
3/4" X 1/2"	030-80635	030-80780	2" X 1"	030-80700	030-80865	4" X 2"	*		030-80915
1" X 1/4"	*	030-80785	2" X 1-1/4"	030-80705	030-80870	4" X 3"	030-80745		030-80745
1" X 3/8"	030-80640	030-80790	2" X 1-1/2"	030-80710	030-80875	*Non Stock Call Jabo Supply			
1" X 1/2"	030-80645	030-80795				Jabo Stock LF Brass Fittings are Yellow Brass			
1" X 3/4"	030-80650	030-80800							

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## LEAD FREE THREADED VALVES

## LEAD FREE THREADED VALVES

### BALL, GATE & SWING CHECK VALVES

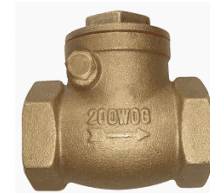
#### BALL VALVE



#### GATE VALVE



#### SWING CHECK VALVE



				
SIZE		JABO#	JABO#	JABO#
1/2"		927-10000	127-30000	127-30010
3/4"		927-10001	127-30001	127-30011
1"		927-10002	127-30002	127-30012
1-1/4"		927-10003	127-30003	127-30013
1-1/2"		927-10004	127-30004	127-30014
2"		927-10005	127-30005	127-30015

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## FLEXIBLE COUPLINGS

*Fernco Style  
&  
Max Adapters*

**FLEXIBLE COUPLINGS (AKA FERNCO)**

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Replacment Clamps	
Eccentric Reducers	
Insert Bushings	
Tools	
<b>Call Jabo Supply</b>	






**FLEXIBLE COUPLINGS (AKA FERNCO)**

**FLEXIBLE COUPLINGS**

STANDARD COUPLINGS	SHIELDED COUPLINGS	ECCENTRIC REDUCERS	SADDLES		CAPS	CORRUGATED PIPE COUPLINGS
			TEE	WYE		
						
STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #

**MAX ADAPTERS**

"WIDE RANGE"

REPAIR COUPLINGS	REPLACEMENT CLAMPS	ECCENTRIC BUSHINGS	INSERT BUSHING	TOOLS	
				SPANNER WRENCH	TORQUE WRENH
	NO PICTURE AVAILABLE		NO PICTURE AVAILABLE		NO PICTURE AVAILABLE
STOCK #	STOCK #	STOCK #	STOCK #	STOCK #	STOCK #

FLEXIBLE COUPLINGS (AKA FERNCO)

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# FLEXIBLE COUPLINGS

AKA FERNCO

**FLEXIBLE COUPLINGS (AKA FERNCO)**

STANDARD COUPLINGS (.75-6")

**STANDARD COUPLINGS**

TYPE OF PIPE	Cl, Plastic, Steel to Cl, Plastic, Steel	AC, DI to Cl, Plastic, or Steel	AC or DI to AC or DI	Clay to Clay	Clay to Cast Iron, Plastic or Steel	Clay to AC Cement or Ductile Iron	Concrete to Concrete	Concrete to Clay	Concrete to Cl, Plastic, or Steel	Concrete to DI
SERIES	1056	1051	1055	1001	1002	1003	1004	1005	1006	1057
SIZE (Inches)	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
.75	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
1 X 1	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.25 x 1.25	119-00040	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.50 x 1.25	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.50 x 1.50	119-00050	NA	NA	NA	NA	NA	NA	NA	NA	NA
2 x 2	119-00100	NA	NA	NA	NA	NA	NA	NA	NA	NA
2 x 1.50	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
2 x 1.25	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.50 x 2.50	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.50 x 1.50	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.50 x 2.50	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 x 3	119-00150	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 x 1.50	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 x 2	119-02000	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 x 2.50	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 x 4	119-00200	119-00400	*	119-02500	119-03000	*	*	*	*	*
4 x 1.50	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 x 2	119-02040	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 x 3	119-02050	NA	NA	NA	119-03100	NA	NA	NA	NA	NA
4 x 6	NA	*	NA	NA	*	*	NA	NA	NA	NA
6 x 6	119-00250	*	*	119-02505	119-03050	*	*	*	*	NA
6 x 4	119-02100	*	*	*	119-03150	*	*	*	*	*

**FLEXIBLE COUPLINGS (AKA FERNCO)**

STANDARD COUPLINGS (8"-24")

**STANDARD COUPLINGS**

TYPE OF PIPE	Cl, Plastic, Steel to Cl, Plastic, Steel	AC, DI to Cl, Plastic, or Steel	AC or DI to AC or DI	Clay to Clay	Clay to Cast Iron, Plastic or Steel	Clay to Asbestos, Cement or Ductile Iron	Concrete to Concrete	Concrete to Clay	Concrete to Cast Iron, Plastic, or Steel	Concrete to DI
SERIES	1056	1051	1055	1001	1002	1003	1004	1005	1006	1057
SIZES (Inches)	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
8 x 8	119-00300	*	*	119-02510	119-03880	*	*		*	*
8 x 4	NA	*	NA	*	119-03890	*	NA	NA	*	NA
8 x 6	119-02150	*	*	*	119-03885	*	*	*	*	*
10 x 10	119-00350	*	*	119-02515	119-03910	*	*	*		*
10 x 4	NA	NA	NA	NA	119-03895	*	NA	NA	NA	NA
10 x 6	NA	NA	NA	NA	119-03900	*	NA	NA	NA	NA
10 x 8	*	*	*	*	119-03905	*	*	NA	*	NA
12 x 12	119-00370	*	*	*	119-03935	*	*	*	*	*
12 x 4	NA	NA	NA	NA	119-03915	NA	NA	NA	NA	
12 x 6	NA	NA	NA	NA	119-03920	NA	NA	NA	NA	*
12 x 8	NA	NA	NA	NA	119-03925	NA	NA	NA	NA	*
12 x 10	*	*	*	NA	119-03930	*	*	NA	*	*
15 x 15	119-00375	*	*	*	*	*	*	*	*	*
15 x 10	*	*	*	NA	*	*	NA	NA	*	*
15 x 12	*	*	*	NA	*	*	NA	NA	*	*
15 x 16	NA	NA	NA	NA	NA	*	NA	NA		NA
18 x 18	119-00380	*	*	*	*	*	*	NA	*	*
24 x 24	*	*	*	*	*	*	*	NA	*	*

*\*Non Stock Call Jabo Supply*

*NA-Not Available*

**FLEXIBLE COUPLINGS (AKA FERNCO)**

**SMALLER DIAMETER SHIELDED COUPLINGS ( 3"-8")**

**SHIELDED COUPLINGS**

TYPE OF PIPE	Cl, Plastic, Steel to Cl, Plastic, Steel	AC, DI to Cl, Plastic, or Steel	AC or DI to AC or DI	Clay to Clay	Clay to Cast Iron, Plastic or Steel	Clay to Asbestos, Cement or Ductile Iron	Concrete to Concrete	Concrete to Clay	Concrete to Cast Iron, Plastic, or Steel	Concrete to DI
SERIES	5056	5051	5055	5001	5002	5003	5004	NA	5006	5057
SIZE (Inches)	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
3 x 3	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 x 1.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 x 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 x 2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 x 4	119-07000	*	*	119-07400	119-07100	*	*	NA	*	NA
4 x 1.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 x 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 x 3	*	NA	NA	NA	*	NA	NA	NA	NA	NA
4 x 6	SEE 6X4	*		SEE 6X4	119-07102	NA	NA	NA	NA	NA
6 x 6	119-07004	*	*	119-07402	119-07104	*	*	NA	NA	NA
6 x 4	119-07006	*	NA	*	119-07106	NA	NA	NA	*	NA
6X8	SEE 8X6	NA	NA	NA	NA	NA	NA	NA	NA	NA
8 x 8	119-07008	NA	*	119-07404	119-07108	*	*	NA	*	NA
8 x 4	NA	*	NA	NA	NA	NA	NA	NA	NA	NA
8 x 6	119-07010	NA	*	NA	*	NA	NA	NA	*	NA

*\*Non Stock Call Jabo Supply*

*NA-Not Available*

**FLEXIBLE COUPLINGS (AKA FERNCO)**

**LARGER DIAMETER SHIELDED COUPLINGS (10"-24")**

**SHIELDED COUPLINGS**

TYPE OF PIPE	Cl, Plastic, Steel to Cl, Plastic, Steel	AC, DI to Cl, Plastic, or Steel	AC or DI to AC or DI	Clay to Clay	Clay to Cast Iron, Plastic or Steel	Clay to Asbestos, Cement or Ductile Iron	Concrete to Concrete	Concrete to Clay	Concrete to Cast Iron, Plastic, or Steel	Concrete to DI
SERIES	5056	5051	5055	5001	5002	5003	5004	NA	5006	5057
SIZE (Inches)	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
10 x 10	119-07014	*	*	119-07406	119-07130	*	*	NA	*	*
10 x 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10 x 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10 x 8	*	NA	NA	*	NA	NA	NA	NA	NA	NA
12 x 12	119-07020	*	*	*	119-07140	*	*	NA	*	NA
12 x 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12 x 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12 x 8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12 x 10	*	NA	NA	*	*	NA	NA	NA	*	NA
15 x 15	*	*	NA	*	*	NA	NA	NA	*	NA
15 x 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15 x 12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15 x 16	NA	NA	NA	NA	NA	*	NA	NA	NA	NA
18 x 18	*	NA	NA	*	*	NA	NA	NA	*	NA
24 x 24	*	NA	NA	*	NA	NA	NA	NA	NA	NA

*\*Non Stock Call Jabo Supply*

*NA-Not Available*

**FLEXIBLE COUPLINGS (AKA FERNCO)**

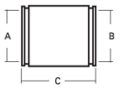
**FITTINGS**

**ECCENTRIC**

TYPE OF PIPE		CI, Plastic, Steel to CI, Plastic, Steel
SIZE (Inches)	JABO#	
3 x 1.50	*	
4 x 4	NA	
4 x 1.50	NA	
6 x 4	119-04640	
8 x 4	*	
8 x 6	119-04860	
12 x 10	*	
15 x 15	*	
15 x 10	*	
<i>Eccentric Reducers Available in all Pipe Types and Sizes</i>		

**SADDLES**

PIPE TYPE " CI or PL Inlet - Saddle		
TYPE	TEE	WYE
SIZE (Inches)	JABO#	JABO#
4	119-05150	119-05200
6	119-05250	119-05300

CORRUGATED PIPE COUPLING			
Connects ADS & Hancor corrugated polyethylene to plastic			
			
JABO #	A (inches)	B (inches)	C (inches)
*	3.57	2.38	3.96
*	3.57	3.44	3.96
*	4.76	2.38	3.94
*	4.76	3.38	3.94
119-04040	4.76	4.29	3.94
*	6.83	3.38	5.91
*	6.83	4.38	5.91
*	6.83	5.5	5.91
*	6.83	6.5	5.91
*	9.76	4.38	5.7
*	9.76	6.38	5.7
*	9.76	8.42	5.7

**CAP**

Nominal Qwik Caps		Specialty Qwik Caps	
JABO#	Min-Max	JABO#	Min-Max
*	1.75-2.0	*	.79-.91
119-05000	2.25-2.60	*	1.0-1.12
119-05050	3.25-3.70	*	1.22-1.50
119-05100	4.25-4.70	*	1.37-1.87
119-05120	6.35-6.80	*	2.18-2.93
*	8.25-8.70	*	3.29-4.00
*	9.88-11.00	*	4.32-5.05
*	11.41-13.33	*	6.44-7.25
<i>CALL JABO FOR ALL YOUR FLEXIBLE COUPLING NEEDS</i>		*	8.59-9.34
		*	9.29-10.00
		*	10.22-11.15
		*	13.23-14.30

**\*Non Stock Call Jabo Supply  
NA-Not Available**



FLEXIBLE COUPLINGS (AKA FERNCO)

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# MAX ADAPTORS

"WIDE RANGE"

**FLEXIBLE COUPLINGS (AKA FERNCO)**

MAX ADAPTORS "WIDE RANGE"

MAX ADAPTOR COUPLINGS		
SIZE	O.D. RANGE	JABO #
4	4.13-5.56	119-40000
4+	4.21-5.90	119-40050
5	5.30-6.50	119-40100
6	6.27-7.75	119-40150
6+	6.27-8.10	119-40200
7	7.20-8.80	119-40250
8	8.40-10.15	119-40300
9	9.63-11.13	119-40350
10	10.50-12.68	119-40400
12	12.50-15.00	119-40450
13	13.00-15.75	119-40500
16	16.34-19.10	119-40550

REPLACEMENT CLAMP	
SIZE	JABO#
4,5,6,7	119-40650
6+,8,10	119-40700
9,12,16	119-40750
13	119-40800

ECCENTRIC BUSHINGS		
SIZES	MAX COUPLING	JABO#
6X4	6.27" - 8.10"	119-40850
8X6	8.40" - 10.15"	119-40900
* For use with the MAXADAPTOR® Coupling. Coupling sold separately.		
The MAX Eccentric Bushing facilitates pipe transition between 6" pipe to 4" plastic pipe and 8" pipe to 6" plastic pipe		

INSERT BUSHINGS	
SIZE	JABO#
4X3	119-40950
5X4	119-41000
6X4	119-41050

**\*Non Stock Call Jabo Supply  
NA-Not Available**

TOOLS	
SPANNER WRENCH	TORQUE WRENCH
119-40600	119-41100

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## PRESSURE REDUCING VALVES "PRV"

**PRESSURE REDUCING VALVES (PRV)**

INDEX

<b>ZURN</b>	
<b>BRONZE</b>	
600XL	p265
600XLLUSC	
XLDM	
XLHR	
XLHRUSC	
XLDMHLR	
<b>POLYMER COMPOSITE</b>	
NR3XL	p265
Call Jabo Supply	

<b>APOLLO</b>	
<b>BRONZE</b>	
36LF	p265
<b>POLYMER COMPOSITE</b>	
36CLF	p265
Call Jabo Supply	






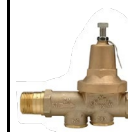

<b>SUBMITTAL SHEETS</b>	
Zurn 600XL (Bronze Cap)	PP 266-267
Zurn NR3XL (Polymer Cap)	PP 268-269
Apollo 36LF (Bronze Cap)	PP 270-271
Apollo 36CLF (Polymer Cap)	PP 272-273





**PRESSURE REDUCING VALVES (PRV)**

**ZURN**

**APOLLO**

<b>CALL JABO SUPPLY</b>								
<b>TYPE</b>	<b>600</b>						<b>NR3</b>	
<b>BELL HOUSING</b>	<b>BRONZE</b>						<b>POLYMER COMPOSITE</b>	
<b>CONNECTIONS</b>	<b>XL</b>	<b>XLLUSC</b>	<b>XLDM</b>	<b>XLHR</b>	<b>XLHRLUSC</b>	<b>XLDMHLR</b>	<b>XL</b>	
<b>PSI</b>	25-75	25-75	25-75	75-125	75-125	10-125	75-125	
<b>MAX WORKING PSI</b>	300	300	300	300	300	300	**400	
<b>SIZE</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	
<b>1/2"</b>	*	*	*	*	*	*	*	
<b>3/4"</b>	760-80165	760-80167	760-80170	760-80152	760-80153	760-80171	760-80150	
<b>1"</b>	*	760-80200	*	760-80163	*	*	760-80400	
<b>1-1/4"</b>	*	*	*	*	*	*	*	
<b>1-1/2"</b>	*	*	*	*	*	*	*	
<b>2"</b>	760-80300	*	*	*	*	*	*	
<b>DESCRIPTION</b>	STD with 20 mesh screen, SU (Single Union), FNPT	LU-less Union	DM-Double Male	HR- 75-125 psi spring range factory set 85 psi	HR- 75-125 psi spring range factory set 85 psi	DM-Double Male	Single Union x FNPT	
		SC -Sealed cage bell housing and stainless steel adjustment screw			LU- Less Union Assembly, female x female (3/4" & 1" only)			HLR-10-125 psi Spring Range, factory set at 50 psi
					SC-sealed cage bell housing and stainless steel adjustment screw			

<b>CALL JABO SUPPLY</b>		
<b>TYPE</b>	<b>36C /LF</b>	
<b>BELL HOUSING</b>	<b>BRONZE</b>	<b>POLYMER COMPOSITE</b>
<b>CONNECTIONS</b>	<b>LF</b>	<b>CLF</b>
<b>PSI</b>	25-75	25-75
<b>MAX WORKING PSI</b>	300	400
<b>SIZE</b>	<b>JABO#</b>	<b>JABO#</b>
<b>1/2"</b>	*	760-80070
<b>3/4"</b>	*	760-80080
<b>1"</b>	*	760-80090
<b>1-1/4"</b>	760-80100	*
<b>1-1/2"</b>	760-80110	*
<b>2"</b>	760-80120	*
<b>DESCRIPTION</b>	Lead Free	
	Single Union NPT	
	Without Guage	

\*NON STOCK CALL JABO SUPPLY

\*\*1/2-1-1/4" 400 PSI 1-1/2"-2" 300 PSI

## PRESSURE REDUCING VALVES (PRV)

### ZURN 600XL SUBMITTAL SHEET



## Model 600XL Water Pressure Reducing Valve with Integral By-pass Check Valve and Strainer

### Application

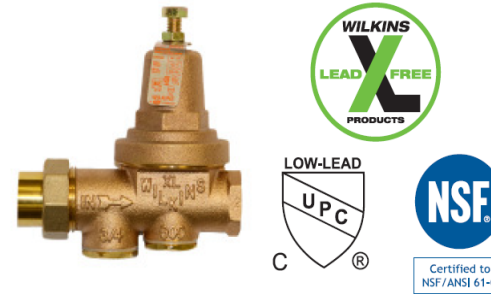
Ideal for use where Lead-Free\* valves are required. Designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure. The integral strainer makes this device most suitable for residential and commercial water systems requiring frequent cleaning because of sediment and debris. The direct acting integral by-pass design prevents buildup of excessive system pressure caused by thermal expansion. The balanced piston design enables the regulator to react in a smooth and responsive manner to changes in system flow demand, while at the same time, providing protection from inlet pressure changes.

### Standards Compliance

- ASSE® Listed 1003
  - IAPMO® Listed
  - CSA® Certified
  - City of Los Angeles Approved
  - NSF® Listed - Standard 61, Annex G\*
  - Certified to NSF/ANSI 372\* by IAPMO R&T
- \*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

### Materials

Main valve body	Low Lead Cast Bronze	ASTM B 584
Access covers	Low Lead Cast Bronze	ASTM B 584
	Low Lead Brass	
Fasteners	Stainless Steel, 300 Series	
Stem & plunger	Low Lead Cast Bronze	ASTM B 584
	Low Lead Brass	
Elastomers	Buna Nitrile, (FDA Approved)	
	EPDM, (FDA Approved)	
Cap gaskets	Natural Vulcanized Fibre	
	Acetal (Delrin™), NSF Listed	
Strainer screen	Stainless Steel, 300 Series	Strainer



### Options (Suffixes can be combined)

- standard with 20 mesh strainer screen, SU, FNPT
- C - copper sweat connection (3/4" thru 2")
- HR - 75 psi to 125 psi spring range, factory set at 85 psi
- HLR - 10 psi to 125 psi spring range, factory set at 50 psi
- HTSTSC - 180°F maximum temp, stainless steel trim, spring, sealed cage
- L - less integral by-pass check valve
- LU - less union assembly, female x female (3/4" & 1" only)
- LPV - 180°F maximum temp with 10 psi to 35 psi spring range, factory set at 20 psi
- LPC - 140°F maximum temp with 10 psi to 35 psi spring range, factory set at 20 psi (2" field set only)
- SC - sealed cage bell housing and stainless steel adjustment screw
- 610XL - 400 psi inlet rating and 75 psi to 125 psi spring range, factory set at 85 psi
- P - tapped and plugged for gauge
- CPVC - CPVC tailpiece connection (1/2"-1")
- G - Tapped with gauge
- CH - Chrome stem & plunger

**CALL JABO SUPPLY FOR ALL  
YOUR PRV NEEDS**

## PRESSURE REDUCING VALVES (PRV)

### ZURN 600XL SUBMITTAL SHEET

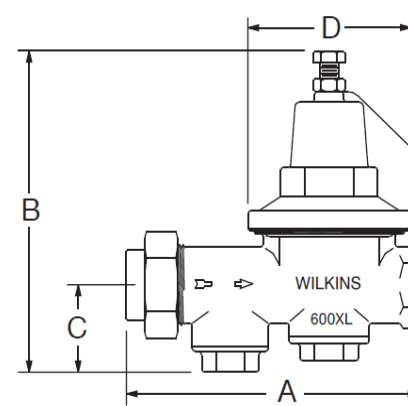


## Model 600XL

### Water Pressure Reducing Valve with Integral By-pass Check Valve and Strainer

**Features**

- Sizes: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
- Maximum working water pressure 300 psi
- Maximum working water temperature 140°F
- Reduced pressure range (standard) 25 psi to 75 psi
- Factory preset 50 psi
- Hydrostatic test pressure 300 psi
- CPVC tailpiece: Max. hot water temp. 140°F @ 100 psi
- Cold water rated temp. 73.4°F @ 400 psi



**CALL JABO SUPPLY FOR ALL  
YOUR PRV NEEDS**

**Dimensions & Weights (do not include pkg.)**

SIZE		CONNECTIONS	DIMENSIONS (approximate)								WEIGHT	
			A		B		C		D			
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg.
1/2	15	SINGLE UNION	5 1/2	133	6 1/4	159	1 1/4	32	2 3/4	70	3	1.5
1/2	15	LESS UNION	4 1/2	114	6 1/4	159	1 1/4	32	2 3/4	70	3	1.5
3/4	20	SINGLE UNION	5 5/16	135	5 1/2	140	1 1/4	32	2 3/4	70	3	1.5
3/4	20	LESS UNION	4 7/8	121	5 1/2	140	1 1/4	32	2 3/4	70	3	1.5
1	25	SINGLE UNION	6 1/8	156	7 1/4	184	2	51	3 3/8	86	5	2.5
1	25	LESS UNION	5 3/4	146	7 1/4	184	2	51	3 3/8	86	5	2.5
1 1/4	32	SINGLE UNION	7 1/8	181	8	203	2	51	3 7/8	100	7	3.0
1 1/2	40	SINGLE UNION	9 1/8	232	10	254	2 1/2	64	5	127	13	6.0
2	50	SINGLE UNION	10 1/4	260	12	305	3	76	6 1/2	165	21	9.5

## PRESSURE REDUCING VALVES (PRV)

### ZURN MODEL NR3XL SUBMITTAL SHEET



## Model NR3XL

### Water Pressure Reducing Valve with Integral By-Pass Check Valve and Strainer

#### Application

Ideal for use where Lead-Free\* valves are required. Designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure. The integral strainer makes this device most suitable for residential and commercial water systems that require frequent cleaning of sediment and debris. The direct acting integral by-pass design prevents buildup of excessive system pressure caused by thermal expansion. The balance piston design enables the regulator to react in a smooth and responsive manner to changes in system flow demand, while at the same time, providing protection from inlet pressure changes. The sealed cage washer and stainless steel adjustment bolt and nut improve corrosion resistance for all applications including below-ground pit installation.

#### Standards Compliance

- ASSE® Listed 1003
  - IAPMO® Listed
  - CSA® Certified
  - Meets the requirements of NSF/ANSI/CAN 61\*
- \*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

#### Materials

Main valve body	Low Lead Cast bronze ASTM B 584
Bell housing	UV resistant polymer composite
Internals	Stainless steel, 300 Series
Stem	Low Lead Brass
Elastomers	EPDM (FDA approved) Buna nitrile (FDA approved)
Cartridge	Delrin™
Springs	302 Stainless Steel
Strainer screen	300 Series Stainless Steel



#### Options

(Suffixes can be combined)

- standard with single union FNPT connection and 20 mesh strainer screen
- C - with FC (copper sweat) union connection
- DM - with double male meter thread connections (3/4" and 1" only)  
connection with SS spring & sealed cage
- G - tapped and plugged with gauge
- DU - with double union connection (FNPT)
- DULU - with 2 integral FNPT connection (no union)
- PEX - with male barbed connection tailpiece for crossed-linked polyethylene tubing (1/2" - 1" only)
- PEXF1960 - with male barbed connection PEX tailpiece conforming to ASTM F1960 (1/2" - 1" only)
- P - tapped and plugged for gauge
- CPVC - CPVC tailpiece connection (3/4" - 1")
- HRSC - High Range 15-125 psi (1/2"-1-1/4" only) with sealed cage
- DUPF - with 2 Z-Bite™ push fit tailpiece connection 250 psi max pressure (1/2" - 1" only)
- DUPR - with 2 Z-Press™ press fit tailpiece connection 250 psi max pressure (3/4" - 2" only)

## PRESSURE REDUCING VALVES (PRV)

### ZURN MODEL NR3XL SUBMITTAL SHEET



## Model NR3XL

Water Pressure Reducing Valve with Integral  
By-Pass Check Valve and Strainer

### Dimensions & Weights (do not include pkg.)

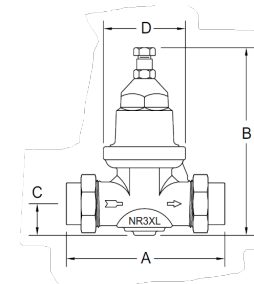
SIZE		CONNECTIONS	DIMENSIONS (approximate)								WEIGHT	
			A		B		C		D		lbs.	kg
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm		
1/2	15	SINGLE UNION	4 3/8	111	6 1/4	159	1 1/8	29	2 1/2	64	3	1.5
1/2	15	ROUGH IN	3 3/4	95	SAME AS LESS UNION							
1/2	15	LESS UNION	3 1/2	89	6 1/4	159	1 1/8	29	2 1/2	64	3	1.5
1/2	15	DOUBLE UNION	5 1/4	133	6 1/4	159	1 1/8	29	2 1/2	64	3	1.5
3/4	20	SINGLE UNION	4 7/16	113	6 1/4	159	1 1/8	29	2 1/2	64	3	1.5
3/4	20	ROUGH IN	3 3/4	95	SAME AS LESS UNION							
3/4	20	LESS UNION	3 1/2	89	6 1/4	159	1 1/8	29	2 1/2	64	3	1.5
3/4	20	DOUBLE UNION	5 3/8	137	6 1/4	159	1 1/8	29	2 1/2	64	3	1.5
3/4	20	DOUBLE MALE METER	3 5/8	92	6 1/4	159	1 1/8	29	2 1/2	64	3	1.5
1	25	SINGLE UNION	4 15/16	125	6 1/4	159	1 1/8	29	2 1/2	64	4	2
1	25	ROUGH IN	4 1/4	108	SAME AS LESS UNION							
1	25	LESS UNION	4	102	6 1/4	159	1 1/8	29	2 1/2	64	3.5	1.6
1	25	DOUBLE UNION	5 15/16	151	6 1/4	159	1 1/8	29	2 1/2	64	4.5	2.1
1	25	DOUBLE MALE METER	4	102	7 3/4	197	1 3/16	30	3	76	4	2.0
1 1/4	32	SINGLE UNION	6 3/16	157	7 3/4	197	1 3/16	30	3	76	5.5	2.5
1 1/4	32	ROUGH IN	5 1/4	133	SAME AS LESS UNION							
1 1/4	32	LESS UNION	5	127	7 3/4	197	1 3/16	30	3	76	5	2.3
1 1/4	32	DOUBLE UNION	7 3/8	187	7 3/4	197	1 3/16	30	3	76	6	2.7
1 1/2	40	SINGLE UNION	6 5/16	160	8 1/2	216	1 3/4	45	3 3/4	95	6.6	3
1 1/2	40	ROUGH IN	5 1/4	133	SAME AS LESS UNION							
1 1/2	40	LESS UNION	5	127	8 1/2	216	1 3/4	45	3 3/4	95	5.5	2.5
1 1/2	40	DOUBLE UNION	7 1/2	191	8 1/2	216	1 3/4	45	3 3/4	95	7.7	3.5
2	50	SINGLE UNION	6 1/4	159	8 1/2	216	2	51	3 3/4	95	8.1	3.7
2	50	ROUGH IN	5 1/4	133	SAME AS LESS UNION							
2	50	LESS UNION	5	127	8 1/2	216	2	51	3 3/4	95	6.7	3
2	50	DOUBLE UNION	7 1/2	191	8 1/2	216	2	51	3 3/4	95	9.5	4.3

#### Features

- Sizes: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
- Max. working water pressure (1/2" - 1-1/4") 400 psi
- Max. working water pressure (1-1/2" - 2") 300 psi
- Max. working water temperature 140°F
- Reduced pressure range (1/2" - 1-1/4") 15 to 75 psi
- Reduced pressure range (1-1/2" - 2") 25 to 75 psi
- Factory preset 50 psi
- Threaded connections (FNPT) ANSI B1.20.1
- Copper connections (FC) ANSI B16.22
- CPVC tailpiece: Max. hot water temp. 140°F @ 100 psi
- Cold water rated temp. 73.4°F @ 400 psi

#### Accessories

- Repair kit
- 3/4" NR3DUSPC Special plastic spacer nipple
- 1-1/4" BR4DUSPC Steel pipe
- 1-1/2" NR3DUSPC Steel pipe
- 2" NR3DUSPC Steel pipe
- TPKXL Lead-Free Tailpiece kit
- TPKXLPF Z-Bite™ push fit Tailpiece kit
- TPKXLPR Z-Press™ press fit Tailpiece kit
- RFK-114NR3XL 250 psi max pressure (1/2"-1" only)
- 250 psi max pressure (3/4"-1" only)
- Extends body length of 1-1/4" NR3XL to match 1-1/4" 70DU for easy retrofit.



**CALL JABO SUPPLY FOR ALL  
YOUR PRV NEEDS**

**PRESSURE REDUCING VALVES (PRV)**  
**APOLLO SUBMITTAL SHEET 36LF**



**36LF Series**  
 Pressure Reducing Valve  
**LEAD FREE**



**FEATURES**

- Lead Free\* AB 1953 Certified
- Corrosion Resistant Bronze Body and Bonnet
- 100% Factory Tested, Preset to 50 psi (-01)
- Control Pressure Ranges:  
 10-35 psi, 25-75 psi (Standard), 75-125 psi
- Integral SS Strainer
- Balanced Piston Design
- Internal Thermal Expansion Bypass
- Multiple Connection Options
- Optional Pressure Gauge or Tapping
- **100% Manufactured in USA**

**PERFORMANCE RATING**

- Maximum Supply Pressure up to 300 psig
- Temperature Range 33 °F - 180 °F

**APPROVALS**

- NSF/ANSI 372 Lead Free
- ASSE 1003
- CSA B356

**OPTIONS**

- (P) - Tapped w/ Plug
- (G) - Tapped w/ Gauge
- (02) - 10-35 psig
- (03) - 75-125 psig
- (36) - with Standard Material for Non-Potable Applications

**STANDARD MATERIALS LIST**

<b>BODY</b>	C89836 Lead Free* Bronze
<b>COVER</b>	Bronze, ASTM B584
<b>DIAPHRAGM</b>	FDA Grade Buna W/ Polyester
<b>SEAT DISC</b>	FDA Grade EPDM
<b>STEM</b>	C27450 Lead Free* Brass
<b>SPRING</b>	Stainless Steel
<b>O-RINGS</b>	NSF Grade EPDM

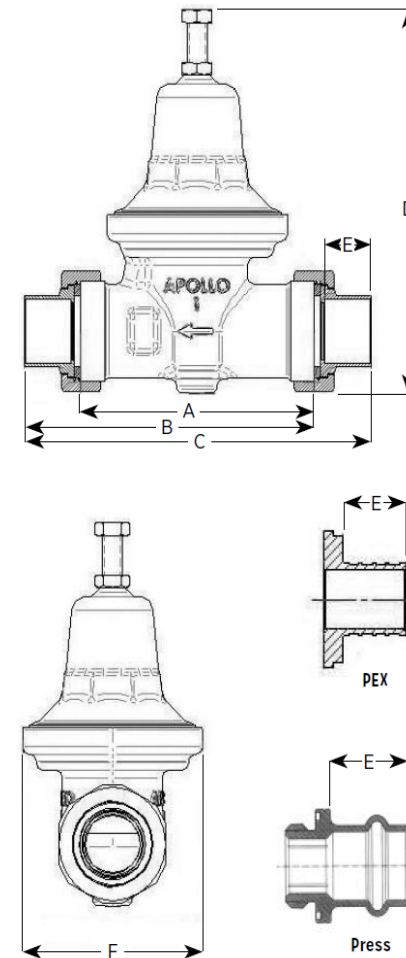
## PRESSURE REDUCING VALVES (PRV)

### APOLLO SUBMITTAL SHEET 36LF

#### DIMENSIONS

SIZE (IN.)	CONNECT TYPE	DIMENSIONS (IN.)						WT. (UNION) LB. EACH
		A	B	C	D	E	F	
1/2"	THREAD	4	4-7/8	5-5/8	5-7/8	5/8	2-3/4	3.5
	SOLDER	4	4-7/8	5-5/8	5-7/8	1/2	2-3/4	3.4
	PEX	4	5	5-3/4	5-7/8	5/8	2-3/4	3.3
	CPVC	4	4-5/8	5-1/4	5-7/8	1/2	2-3/4	3.1
3/4"	THREAD	3-7/8	4-7/8	5-5/8	5-7/8	5/8	2-3/4	3.4
	SOLDER	3-7/8	4-7/8	5-5/8	5-7/8	3/4	2-3/4	3.3
	PEX	3-7/8	5	5-3/4	5-7/8	5/8	2-3/4	3.2
	CPVC	3-7/8	4-7/8	5-5/8	5-7/8	5/8	2-3/4	3
1"	THREAD	4-3/8	5-1/2	6-3/8	6-7/8	5/8	3-3/8	4.5
	SOLDER	4-3/8	5-1/2	6-3/8	6-7/8	5/8	3-3/8	4.4
	PEX	4-3/8	5-1/2	6-5/8	6-7/8	7/8	3-3/8	4.3
	CPVC	4-3/8	5-3/4	7	6-7/8	3/4	3-3/8	4
1-1/4"	THREAD	5-3/8	6-1/2	7-1/2	8-7/8	7/8	4	10.2
	SOLDER	5-3/8	6-5/8	7-3/4	8-7/8	1	4	10.1
1-1/2"	THREAD	5-3/8	6-5/8	7-7/8	8-7/8	3/4	4	10.4
	SOLDER	5-3/8	6-3/4	8	8-7/8	1-1/8	4	10.3
2"	THREAD	7-1/8	8-1/2	9-7/8	11-1/2	1	5-3/4	22.5
	SOLDER	7-1/8	8-7/8	10-1/2	11-1/2	1-3/8	5-3/4	22.4

Nominal dimensions are shown. Allowances must be made for manufacturers' tolerances.



**CALL JABO SUPPLY FOR ALL  
YOUR PRV NEEDS**

## PRESSURE REDUCING VALVES (PRV)

### APOLLO SUBMITTAL SHEET 36CLF



## 36CLF Series

Water Pressure Reducing Valve

# LEAD FREE



### DESCRIPTION

The Apollo Lead Free\* Pressure Reducing Valve Model PRC (36CLF Series) is designed to protect residential and commercial water distribution systems by automatically controlling excessive pressure changes. The valves integral thermoplastic cage provides maximum corrosion resistance. Designed for easy in-line servicing with bottom cleanout access to seat disc and strainer. The valve is built for long reliable service with proven ASTM grade Lead Free\* materials.

### FEATURES

- Built-In Thermal Expansion Bypass
- Balanced Piston Design
- Sealed Spring Cage For Vault Installations
- SS Adjusting Screw & Nut
- Bottom Access to Seat Disc & SS Strainer
- Factory Preset at 50 psi
- NPT, Solder, PEX, CPVC, Press Connections
- 100% Manufactured in USA

### APPROVALS

- City of Los Angeles Approved
- NSF/ANSI 372 - Lead Free
- ASSE 1003
- CSA B356

### PERFORMANCE RATING

- Maximum Supply Pressure: 400 psig
- Std. Temperature Range: 33°F - 180°F
- Maximum Set Pressure:  
Standard: 75 psi  
High Pressure: 125 psig

### OPTIONS

- (-P) - Tapped w/plug
- (-G) - Tapped w/gauge
- (-02) - 10-35 psig
- (-03) - 75-125 psig
- (36C) - with Standard Material

### STANDARD MATERIALS LIST

<b>BODY</b>	Lead Free* Bronze, UNS 89836
<b>UNION NUT</b>	BRASS, ASTM B16
<b>TAILPIECE</b>	Lead Free* Brass, UNS C27451
<b>SCREEN</b>	Stainless Steel
<b>CAP</b>	Noryl
<b>DIAPHRAGM</b>	NSF Grade EPDM
<b>SEAT DISC</b>	NSF Grade EPDM
<b>ADJUSTING SCREW/NUT</b>	Stainless Steel
<b>SPRING</b>	Stainless Steel, ASTM A228
<b>O-RINGS</b>	NSF Grade EPDM

**PRESSURE REDUCING VALVES (PRV)**

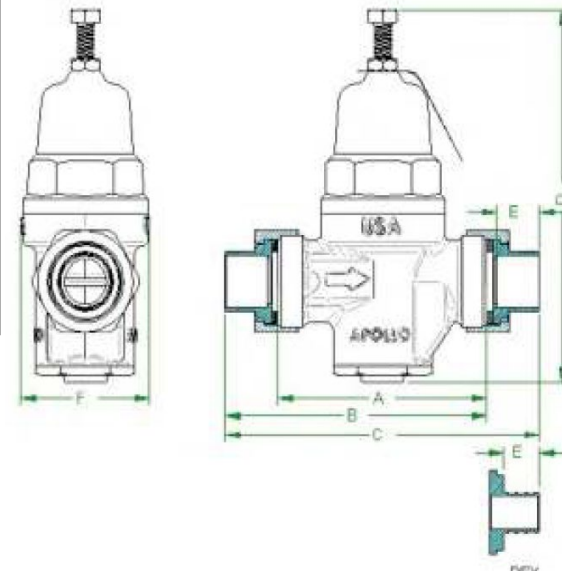
**APOLLO SUBMITTAL SHEET 36CLF**

**DIMENSIONS**

SIZE (IN.)	CONNECT TYPE	DIMENSIONS (IN.)						WT. (UNION) LB. EACH
		A	B	C	D	E	F	
1/2"	THREAD	3.625	4.50	5.375	6.00	0.625	2.75	3.5
	SOLDER	3.625	4.50	5.50	6.00	0.50	2.75	3.4
	PEX	3.625	4.50	5.50	6.00	0.625	2.75	3.3
	CPVC	3.625	4.25	5.00	6.00	0.50	2.75	3.1
	PRESS	3.625	-	5.875	6.00	-	2.75	2.99
3/4"	THREAD	3.625	4.50	5.50	6.00	0.625	2.75	3.4
	SOLDER	3.625	4.50	5.50	6.00	0.75	2.75	3.3
	PEX	3.625	4.625	5.625	6.00	0.625	2.75	3.2
	CPVC	3.625	4.50	5.50	6.00	0.625	2.75	3
	PRESS	3.625	-	5.75	6.00	-	2.75	3.04
1"	THREAD	3.75	4.625	5.75	6.00	0.625	3.375	4.5
	SOLDER	3.75	4.625	5.75	6.00	0.875	3.375	4.4
	PEX	3.75	4.75	6.00	6.00	0.75	3.375	4.3
	CPVC	3.75	4.75	6.00	6.00	0.9375	3.375	4
	PRESS	3.625	-	5.875	6	-	3.375	3.46

Nominal dimensions are shown. Allowances must be made for manufacturers' tolerances.

**CALL JABO SUPPLY FOR ALL YOUR PRV NEEDS**



**CALL JABO SUPPLY FOR ALL YOUR PRV NEEDS**




# JABO SUPPLY


WATER & SEWER QUICK GUIDE

## BACKFLOW PREVENTERS

**BACKFLOW PREVENTERS**

INDEX





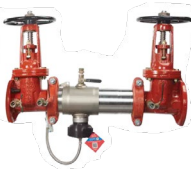
	
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<b>Call Jabo Supply</b>	

BACKFLOW PREVENTERS

Make	"Apollo" <sup>®</sup>			WATTS <sup>®</sup>	
Series	RPLF 4A Series	RPLF 4A Series	DCLF 4A	LF009	957
Check Valve	Single	Single	Double Check Valve	Single	Single
Diameter	Small Diameter	Large Diameter	Small Diameter	Small Diameter	Large Diameter
Lead Free	Lead Free	Lead Free	Lead Free	Lead Free	Lead Free
Strainer (Y / N)	No	Ship Loose	Standard	Yes	No
Shut off Valve	W/Ball Valve Standard	Flanged /Gate Valve	W/Ball Valve Standard	Quarter Turn Ball Valve	UL Classified and FM Approved outside stem and yoke resilient seated gate valves
Options	Threaded Test Cocks	No	Threaded Test Cocks	Flood Detection Center	Flood Sensor on Relief Valve
RPZ	Yes	Yes	NO	Yes	Yes
AVAIL SIZES	1/2"-2"	2-1/2"-12"	1/2"-2"	1/4"-3"	2-1/2"-10"
<b>CALL JABO SUPPLY</b>					
SIZE	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>	<b>JABO#</b>
3/4"	<b>761-01010</b>	NA	<b>761-02030</b>	<b>761-00005</b>	NA
1"	<b>761-01020</b>	NA	<b>761-02050</b>	<b>761-00010</b>	NA
1-1/2"	<b>761-01040</b>	NA	<b>761-02070</b>	<b>761-00015</b>	NA
2"	<b>761-01060</b>	NA	<b>761-02090</b>	<b>761-00020</b>	NA
2-1/2"	NA	*	NA	*	*
3"	NA	<b>761-01630</b>	NA	*	<b>761-00500</b>
4"	NA	<b>761-01640</b>	NA	NA	<b>761-00505</b>
6"	NA	*	NA	NA	<b>761-00510</b>
8"	NA	*	NA	NA	*
10"	NA	*	NA	NA	*
12"	NA	*	NA	NA	*

## BACKFLOW PREVENTERS

### ITEMS NEEDED TO BUILD A NON STOCK BACKFLOW PREVENTERS

#### WHAT IS A REDUCED PRESSURE ZONE (RPZ)

*A Reduced Pressure Zone (RPZ) valve in a backflow preventer creates a pressure differential to prevent contaminated water from flowing back into a potable water supply. It uses two independent check valves and a relief valve to create a zone of reduced pressure. If either check valve fails, the relief valve opens, discharging water and preventing backflow.*

#### BUILD YOUR DESIRED BACKFLOW PREVENTER



#### RP 4A / RPLF 4A SERIES

#### PART NUMBER MATRIX

4A X	2 X	X	XX	X
	Y-STRAINER	SIZE	SHUT-OFF VALVES	OPTIONS (CAN BE COMBINED)
4A - Standard	0 - Standard	3 - 1/2"	A2 - w/ Ball Valves (Standard)	F - SAE Threaded Test Cocks (Standard 1/2")
4ALF - Lead Free	1 - w/Y-Strainer (Shipped Loose)	4 - 3/4"	A4 - w/ Union Ball Valves (3/4" - 2")	L - Lever Handle (3/4" & 1" Only)
		5 - 1"	T2ST - Tamper Gear Operated Ball Valves (1-1/2" - 2")	LL - Locking Lever Handles
		6 - 1-1/4"		P - Push Connection (Factory Installed)
		7 - 1-1/2"		PR - Press Connection (Factory Installed) (3/4" & 1" Only)
		8 - 2"		

EXAMPLE: 4A 215 A4LL = 1" reduced pressure backflow preventer with strainer, union ball valves and locking lever handles

## BACKFLOW PREVENTERS

### ITEMS NEEDED TO BUILD A NON STOCK BACKFLOW PREVENTERS



### RPLF 4A SERIES

**part number matrix**

4ALF	2 X	X	0 X	XX
	Y-STRAINER	SIZE	SHUT-OFF VALVES	OPTIONS
4ALF - LEAD FREE STANDARD	0 - STANDARD	9 - 2-1/2"	2 - NRS FLANGE X NRS FLANGE	D - DOMESTIC ASSEMBLY
	1 - W/Y-STRAINER	0 - 3"	3 - OS&Y FLANGE X OS&Y FLANGE	
	(SHIPPED LOOSE)	A - 4"	4 - OS&Y FLANGE X MONITORED (MON.) BUTTERFLY VALVE GROOVE'	
		C - 6"	6 - OS&Y FLANGE X POST INDICATOR FLANGE	
		E - 8"	7 - OS&Y FLANGE X OS&Y GROOVE	
		G - 10"	8 - OS&Y GROOVE X OS&Y GROOVE	
		H - 12"	9 - MON. BUTTERFLY VALVE GROOVE X MON. BUTTERFLY VALVE GROOVE'	
			10 - OS&Y FLANGE X POST INDICATOR GROOVE	
			11 - NRS GROOVE X NRS GROOVE	
			12 - NRS FLANGE X NRS GROOVE	
			13 - POST INDICATOR FLANGE X MON. BUTTERFLY VALVE GROOVE'	
			14 - POST INDICATOR FLANGE X POST INDICATOR FLANGE	
			16 - MON BUTTERFLY VALVE GROOVE X POST INDICATOR FLANGE'	
			17 - POST INDICATOR FLANGE X OS&Y GROOVE	
			18 - OS&Y GROOVE X POST INDICATOR GROOVE	
			19 - MON. BUTTERFLY VALVE GROOVE X POST INDICATOR GROOVE	
			20 - POST INDICATOR FLANGE X OS&Y FLANGE	
			21 - POST INDICATOR GROOVE X OS&Y GROOVE	
			22 - POST INDICATOR GROOVE X MON. BUTTERFLY VALVE GROOVE'	
			23 - MON. BUTTERFLY VALVE GROOVE X OS&Y FLANGE	

EXAMPLE: 4ALF 20A 07 = 4" size Lead Free Reduced Pressure Assembly with OS&Y flanged inlet x OS&Y grooved outlet shut-off valves.

## BACKFLOW PREVENTERS

### ITEMS NEEDED TO BUILD A NON STOCK BACKFLOW PREVENTERS



### DC 4A / DCLF 4A SERIES

#### PART NUMBER MATRIX

4A X	1 X	X	XX	X
	Y-STRAINER	SIZE	SHUT-OFF VALVES	OPTIONS (CAN BE COMBINED)
4A - Standard	0 - Standard	3 - 1/2"	A2 - w/ Ball Valves (Standard)	F - SAE Threaded Test Cocks (Standard 1/2"-2")
4ALF - Lead Free	1 - w/Y-strainer (Shipped Loose)	4 - 3/4"	A4 - w/ Union Ball Valves (3/4" - 2")	LL - SS Locking Lever Handles
		5 - 1"		PR - Press Connections (Factory Installed)
		6 - 1-1/4"		P - Push Connections (Factory Installed) (3/4"-1")
		7 - 1-1/2"		
		8 - 2"		
EXAMPLE: 4A 104 A4LL = 3/4" double check valve assembly with union ball valves with locking lever handles				

## BACKFLOW PREVENTERS

### ITEMS NEEDED TO BUILD A NON STOCK BACKFLOW PREVENTERS



#### SERIES LF009

Model/Option	
<b>1/4" - 2"</b>	
<b>Prefix:</b>	
U	- Union connections
<b>Suffix:</b>	
FS	- Flood detection sensor (1/2" - 2")
LF	- Without shutoff valves
PC	- Internal polymer coating
Press**	- Press inlet x press outlet (1/2" - 2")
QT	- Quarter-turn ball valves
S	- Strainer
<b>2 1/2" - 3"</b>	
<b>Suffix:</b>	
FS	- Flood detection sensor
LF	- Without shutoff valves
NRS	- Non-rising stem resilient seated gate valves
OSY	- UL Classified and FM Approved outside stem and yoke resilient seated gate valves
S-FDA	- FDA epoxy coated strainer
NOTE: The installation of a drain line is recommended. When installing a drain line, an air gap is necessary. (For more information download ES-AG/EL/TC at watts.com.)	



#### SERIES 957

Model/Option	
FS	Flood sensor on relief valve for flood detection
NRS	Non-rising stem, resilient seated gate valves
OSY	UL Classified and FM Approved outside stem and yoke resilient seated gate valves
N	N-pattern orientation
Z	Z-pattern orientation
BFG	UL Classified and FM Approved grooved gear operated butterfly valves with tamper switch
QT	2 1/2" - 4" quarter-turn ball valves
OSY FxG**	Flanged inlet gate connection and grooved outlet gate connection
OSY GxF**	Grooved inlet gate connection and flanged outlet gate connection
OSY GxG**	Grooved inlet gate connection and grooved outlet gate connection



# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## AIR RELEASE VALVES

## AIR RELEASE VALVES

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#### Clean Water

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## AIR RELEASE VALVES

### BASIC AIR RELEASE VALVE FUNCTIONS

#### AIR & VACUUM VALVES

- **Air & Vacuum Valves-** Release air when pump starts and allows air back in the line when pump shuts down. DOES NOT release air that accumulates while under pressure. This is typically on a pump discharge or on a high point in a piping system.
- 
- Clean water valves: AL series, DL series (used with vertical turbine pumps)
- Sewage valves: SA series
- 316 Stainless Steel model for water or sewage: AX Series

#### PRESSURE AIR RELEASE VALVES

**Pressure Air Release Valves-** Release small amounts of air that accumulates at a high point in a pipeline. Unlike the air & vacuum valve, this typically isn't located on a pump discharge.

- Clean water valves: AR, M and PL series
- Sewage valves: S & SL series
- 316 Stainless Steel model for water or sewage: PX Series

## AIR RELEASE VALVES

### BASIC AIR RELEASE VALVE FUNCTIONS

### UNIVERSAL AIR RELEASE VALVES

**Universal Air Release Valves-** Functions as both, an air & vacuum valve, plus a pressure air release valve in one single valve body. Typically used in all applications, and is the most common specified valve by engineers. This valve is made up through 4”.

Clean water valves: UL series

Sewage valves: US & USL series

316 Stainless Steel model for water or sewage: UX Series

### DUAL AIR RELEASE VALVES

**Dual Air Release Valves-** Functions as both an air & vacuum valve, plus a pressure air release valve. It consists of two valves that are piped together. It functions the same as the universal valve, but is manufactured through 24”.

Clean water valves: AL/PL series and DL/PL series (used with vertical turbine pumps)

Sewage valves: SA/SL and SA/S series

## AIR RELEASE VALVES

### BASIC AIR RELEASE VALVE FUNCTIONS

#### COMBINATION VALVES

**Combination Valves-** Functions as both an air & vacuum valve, plus a pressure air release valve in one single valve body. This valve is very similar to the universal valve. This valve is made up through 8”.

Clean water valves: C series

Sewage valves: N/A

#### THE INFORMATION BELOW IS REQUIRED TO PROPERLY SELECT AND SIZE AIR RELEASE VALVES

- ☞ Flow (GPM)
- ☞ Line Pressure (PSI)
- ☞ Elevation Changes (A Pipeline Profile is Best)
- ☞ Pipeline Material
- ☞ Pipeline Diameter
- ☞ Pipeline Wall Thickness
- ☞ Pipeline Collapse Pressure
- ☞ Is the Line for Clean Water or Sewage

## AIR RELEASE VALVES

### VALVE TYPES & FUNCTIONS

#### AIR & VACUUM VALVES



#### *How Air & Vacuum Valves and Air & Vacuum Sewer Valves Work:*

← The air and vacuum valve or air and vacuum sewer valve releases air at a high point as the system is filling. The air exhausts through the valve and out of the large discharge orifice

← As the liquid enters the body of the valve, the float becomes bouyant and the discharge orifice is sealed. Any air captured in the valve body becomes compressed.

← While the system is operating and under pressure, air will collect at the high point. The air enters the valve body and displaces the liquid level. However, the valve remains closed because the float weight is less than the force, due to system pressure, holding it in its seat. This valve will only open again when a vacuum occurs.

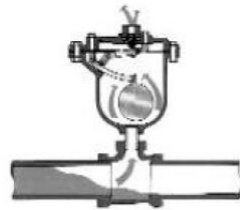
## AIR RELEASE VALVES

### VALVE TYPES & FUNCTIONS

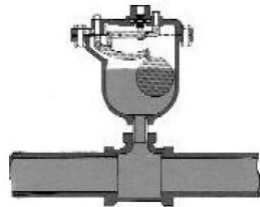
#### PRESSURE AIR RELEASE VALVES

##### PRESSURE AIR RELEASE VALVE

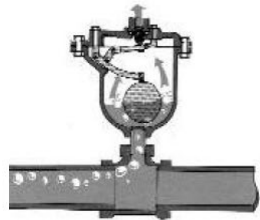
##### *How Pressure Air Release Valves and Pressure Air Release Sewer Valves Work:*



The pressure air release valves for potable water or sewer systems operate under the same basic principle. The valves are applied at the system high points. Air is forced through the small discharge orifice while the pipe line is filling.



As the liquid fills the valve body, the float is made buoyant, and seals the outlet orifice via its operating lever mechanism.



The system will continue to collect air at the high point. As the compressed air enters the body of the valve, it gradually dispenses or pushes the liquid back through the valve inlet. This causes the float to drop as the liquid level drops. This, the lever system opens the valve, causing the collected compressed air to escape. The water level will rise as the air is released. This buoys the float to again seal the valve.

## AIR RELEASE VALVES

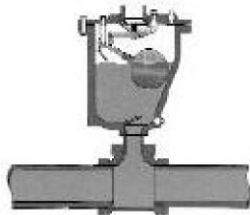
### VALVE TYPES & FUNCTIONS

#### COMBINATION VALVES

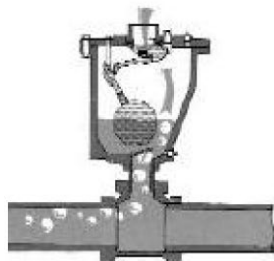
#### UNIVERSAL AIR RELEASE VALVE



The universal valve for potable water or sewage water releases air through a large air and vacuum orifice as the system fills.



The liquid enters the valve body which raises the float and simultaneously seals the air and vacuum orifice and pressure air release orifice









As the compressed air entering the valve displaces the liquid level, the float drops to open the pressure air release orifice. The air and vacuum orifice remains closed because of its large cross section and relative system pressure. The float will rise as the air is exhausted to again seal the valve via the compound leversystem. The air and vacuum orifice will only open again when a vacuum occurs.

## AIR RELEASE VALVES







CLEAN WATER

CRISPIN

TYPE		AIR RELEASE VALVES				AIR & VACUUM VALVE		COMBINATION		UNIVERSAL COMBO			
SERIES		M		AR		PL		AL		UK		UL	
<b>CALL JABO SUPPLY</b>										 STAINLESS STEEL			
INLET	OUTLET	JABO#	PSI	JABO#	PSI	JABO#	PSI	JABO#	PSI	JABO#	PSI	JABO#	PSI
3/8"npt	3/8"npt	*	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1/2"npt	3/8"npt	*											
3/4" npt	3/8"npt	*											
1" npt	3/8"npt	*											
1/2"npt	1/2"npt	*											
3/4"npt	1/2"npt	<b>138-00060</b>											
1"npt	1/2" npt	<b>138-00070</b>											
1/2"npt	1/2"npt			*	<b>10-300</b>								
3/4"npt	1/2"npt			<b>138-00060</b>	<b>10-300</b>								
1"npt	1/2" npt			<b>138-00070</b>	<b>10-300</b>								
1"npt	1/2"npt	NA	NA	NA	NA	*	20-150	NA	NA	NA	NA	NA	NA
2"npt	1/2"npt					*							
3"npt	1"npt					*							
4"npt	1"npt					*							
1"npt	1"npt					*	20-150						
2"npt	1"npt					*							
2"npt	2"npt					*							
3"npt	3"npt					NA							
4"npt	4"npt					*							
6"npt	6"npt					*							
1"npt	3/16"npt											<b>138-10500</b>	20-150
2"npt	1/4"npt											*	
3"npt	1/4"npt											*	
4"npt	1/4"npt											*	

## AIR RELEASE VALVES

CLEAN WATER  
GA INDUSTRIES

TYPE		AIR RELEASE VALVES												
SERIES		905		905H		912		912H		920		920H		
ORIFICE SIZE		3/32"		1/16"		1/8"		3/32"		3/16"		1/8"		
<b>CALL JABO SUPPLY</b>														
GA INDUSTRIES	INLET	OUTLET	JABO#	PSI	JABO#	PSI	JABO#	PSI	JABO#	PSI	JABO#	PSI	JABO#	PSI
	3/8" npt	3/8" npt	*	150	*	300	NA		NA		NA		NA	
	1/2" npt	1/4" npt	*		*									
	3/4" npt	1/4" npt	138-00040		*									
	1" npt	1/4" npt	138-00050		*									
	1/2" npt	3/8"npt	NA		NA		*	150	*	300	NA		NA	
	3/4" npt	3/8"npt					*		*					
	1" npt	3/8"npt					*		*					
	1"npt	1/2 npt	NA		NA		NA		NA		*	150	*	300
	2"npt	1/2 npt									*		*	



*Inlet- Threads into the piping system* *Releases Air 2x faster than 905* *Releases Air 2x faster than 912*




*Outlet-Can safely be vented to the Atmomphere or pipe to another location*

## AIR RELEASE VALVES

CLEAN WATER




GA Industries / ARI / Bermad

TYPE		AIR RELEASE VALVES			
MFG		GA INDUSTRIES			
SERIES		922	922H		
ORIFICE SIZE		1/8"	7/32"		
<b>CALL JABO SUPPLY</b>					
		<b>Releases Air 2x faster than 920</b>			
INLET	OUTLET	JABO#	PSI	JABO#	PSI
2"npt	1/2"npt	*	150	*	300
3"npt	1/2"npt	*		*	
<b>*Non Stock Call Jabo</b>					
<i>Inlet- Threads into the piping system</i>					
<i>Outlet-Can safely be vented to the Atomphere or pipe to another location</i>					

TYPE	COMBINATION AIR VALVE							
MFG	ARI		BERMAD		BERMAD			
MODEL	D-040P		C30P		C70			
<b>CALL JABO SUPPLY</b>								
<b>CALL JABO SUPPLY</b>								
	ARI	Bermad		Picture Flanged				
INLET	JABO#	PSI	JABO#	PSI	JABO#	PSI	INLET	JABO#
1/2"npt	*	250	NA		NA		2"	*
3/4"npt	138-20000	250	*	230			3"	*
1" npt	138-20010	250	070-94470				4"	*
2"npt	*	250	*		070-94475	360	6"	*
							8"	*
<i>Available from 230 PSI -500 in both NPT &amp; Flange</i>								
<b>CALL JABO SUPPLY</b>								

## AIR RELEASE VALVES

### SEWAGE & WASTEWATER

TYPE		AIR & VACUUM		COMBINATION AIR RELEASE			UNIVERSAL COMBO VALVES			
NAME		<i><b>SEWER VALVE</b></i>		<i><b>CLEAN WATER / SEWER</b></i>			<i><b>SEWER VALVE</b></i>			
SERIES		SL		UX			USL			
ORIFICE SIZE		1/4"	1/8"	2"-3/16	3"6" 5/32		<i>Call Jabo Supply</i>			
PSI		150	300	20-200	20-150					
<i>Call Jabo Supply</i>										
INLET	OUTLET	JABO#		INLET	OUTLET	JABO#		INLET	OUTLET	JABO#
2"npt	1/2"npt	*		2" npt	1" npt	*		2" npt	1" npt	*
3"npt	1/2"npt	*		2" npt	2" npt	*		<i>2" Size Available (NPT or ANSI flanging)</i>		
4"npt	1/2"npt	*		4" npt	4"npt	*		<b>Call Jabo Supply</b>		
<b>Call Jabo Supply</b>				6"npt	6"npt	*				
Also available 150 Flange										

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## METERS

**METERS**



The ZENNER Group, established in 1903, is solely focused on designing innovative metering products for the water and gas industry. This includes the manufacturing and development of water meters, gas meters, meter reading systems, and submetering products as well as the support services required to implement and keep these systems relevant and functional throughout their lifecycle.

*JABO SUPPLY is a full line distributor of all Zenner water meters, gas meters, meter reading systems, and submetering products.*

**ZENNER CORE PRODUCTS**

- Residential Meters
- Commerical Meters
- Hydrant Meters
- Ultrasonic Meters
- Meter Electronics
- AMI+/AMR

**POPULAR TYPES OF METER**

- \*Multi Jet
- \*Positive Displacement
- \*Ultrasonic
- More options available upon request

**SYSTEMS**

- Radio Read
- Drive By Systems
- Off Site Data Collection
- Celluar Available
- Satellite Coming



Multi-Jet



Positive Displacement



Ultrasonic

# JABO SUPPLY

WATER & SEWER QUICK GUIDE

## METER BOXES & LIDS

**METER BOXES & LIDS**

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<i>Call Jabo Supply</i>	
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<i>Call Jabo Supply</i>	

METER BOXES & LIDS

---



# RECTANGULAR METER BOXES

"Carson Lightweight / Southeastern Lightweight & Heavy Duty

## METER BOXES & LIDS

### RECTANGULAR METER BOXES & LIDS

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CARSON LIGHTWEIGHT			
RECTANGULAR METER BOXES	FLUSH SOLID LID	FLUSH HINGED WITH AMR	READER DOOR
<p>1419-06</p>	<p>Flush Solid</p>	<p>Flush Hinged with AMR Recess</p>	<p>Reader Door Detail</p>
<b>Stock</b>	<b>Stock</b>	<b>Stock</b>	<b>Stock</b>
CARSON LIGHTWEIGHT		SOUTHEASTERN	
TEE COVER SOLID	EXTENSIONS	MB 16 L / LL LIGHTWEIGHT	
<p>T-Cover Solid</p>		<p>L=12" Depth</p> <p>LL=18" Depth</p>	
<b>Stock</b>	<b>Stock</b>	<b>Stock</b>	
HEAVY DUTY METER BOX & LIDS (H2O RATED)			
MB 16HD BOX & LIDS	MB 17&17.5 BOX & LIDS	MB 18	VAULTS
<b>Stock</b>	<b>Stock</b>	<b>Stock</b>	<b>Stock</b>

## METER BOXES & LIDS

### RECTANGULAR METER BOXES & LIDS

Carson & Southeastern Rectangular Meter Boxes

#### CARSON LIGHTWEIGHT RECTANGULAR METER BOXES

##### RECTANGULAR METER BOX CARSON LIGHTWEIGHT

TYPE	LIGHT WEIGHT
SIZES	JABO#
14" x 19" x 12"	137-12030
15" x 20" x 18"	137-12035
17" x 30" x 18"	137-12040
17" x 30" x 24"	137-12045

##### LIDS FOR CARSON LIGHTWEIGHT BOXES

SIZES OF LID	FITS	
	14"X19"X12"	17X30
	&	
15"X20"X18"		
DESCRIPTION	JABO#	JABO#
SOLID FLUSH	137-12050	137-12200
TOUCH READ 1-2"HOLE	137-12052	NA
DOOR CENTER-FLUSH	137-12054	NA
RECESSED FL FITS Neptune/Sensus	137-12056	NA
SOLID T COVER	137-12070	NA
CAST IRON SOLID T COVER	137-12075	NA
CI READER DOOR	NA	137-12205

#### SOUTHEASTERN LIGHTWEIGHT & HEAVY DUTY RECTANGULAR METER BOXES

##### RECTANGULAR METER BOX

##### SOUTHEASTERN

TYPE	LIGHT WEIGHT	HEAVY DUTY
SIZES	JABO#	JABO#
13" x 19" x 12"	137-00500	137-00510
13" x 19" x 18"	135-00505	NA
15" x 22" x 12"	NA	137-00515
15" x 22" x 18"	NA	137-00520
22" x 24" x 12	NA	137-00525
18" x 38" x 26"	NA	137-10750
30" x 60" x 36	NA	137-10900
30" x 60" x 48"	NA	137-10905
30" x 60" x 60"	NA	137-10910
34" x 64" x 1/4"	NA	137-10915

##### LIDS FOR SOUTHEASTERN BOXES

SIZES OF LIDS	FITS					
	13" x 19" x 12"	13" x 19" x 12"	15" x 22" x 12"	22" x 24" x 12	22" x 24" x 12	30" x 60" x 36"
			15" x 22" x 18"			30" x 60" x 48"
13" x 19" x 18"						30" x 60" x 60"
						34" x 64" x 1/4"
DESCRIPTION	JABO#	JABO#	JABO#	JABO#	JABO#	JABO#
Solid Lid	137-01000	137-01015	137-01030	137-01045	NA	NA
AMR Lid	137-01005	137-01020	137-01035	NA	NA	NA
Flip Reader Lid	137-01010	137-01025	137-01040	137-01060	137-10755	137-10915
MB18 1 Hole Sensus or Neptune	NA	NA	NA	137-01050	NA	NA
MB18 2 Hole Sensus or Neptune	NA	NA	NA	137-01055	NA	NA



METER BOXES & LIDS

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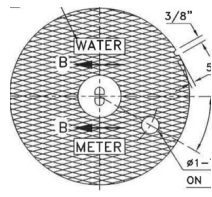


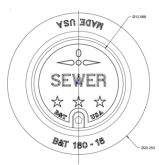
# ROUND METER BOXES

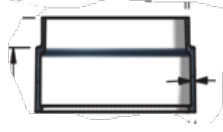
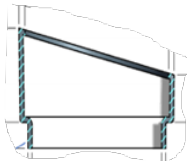
"Import & Domestic"



## METER BOXES & LIDS

### IMPORT ROUND METER BOXES

Picture Index

ROUND METER BOXES			ROUND IMPORT METER LIDS			
BLACK WITH WHITE LINER	WHITE CORRUGATED	RHINO BOX	1-PIECE ROUND LID	A FRAME / LID	C FRAME/LID	1-PIECE SEWER LID
				 FLUSH	 RECESSED	

EXTENSIONS	
ROUND SLOPE	ROUND / SLOPE
	

EXPANDER RINGS & MONITOR RINGS	
EXPANDER RINGS	MONITOR RING
	

LID ONLY	
A STYLE	C STYLE
	

## METER BOXES & LIDS

### UNDERSTANDING THE ROUND METER BOXES & LIDS

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#### DIFFERENT STYLES

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Jabo Supply we offer both IMPORT & DOMESTIC LIDS and FRAMES

A-Style lid is recessed into the frame making it a good option for concrete driveways and sidewalks

C-Style Lid is overlapped and fits on top of the frame making it good for non traffic areas such as yards and behind the curb.

A-C Style Frames and Lids are NOT INTERCHANGABLE



## METER BOXES & LIDS

### UNDERSTANDING THE ROUND METER BOXES & LIDS

Frames & Lids

#### MOST COMMON FRAMES



Standard Frame

STD



Heavy Frame with Gussets

HEAVY DUTY

- *Heavy Frame with Gussets provides more weight and stability*

#### MOST COMMON LIDS



Solid Lid



One Non-Recessed Hole



Two Non-Recessed Holes



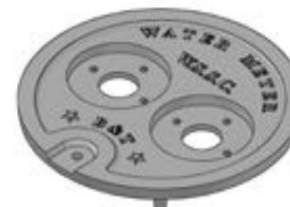
One Oblong Recessed Hole



One Circular Recessed Hole



Two Oblong Recessed Holes



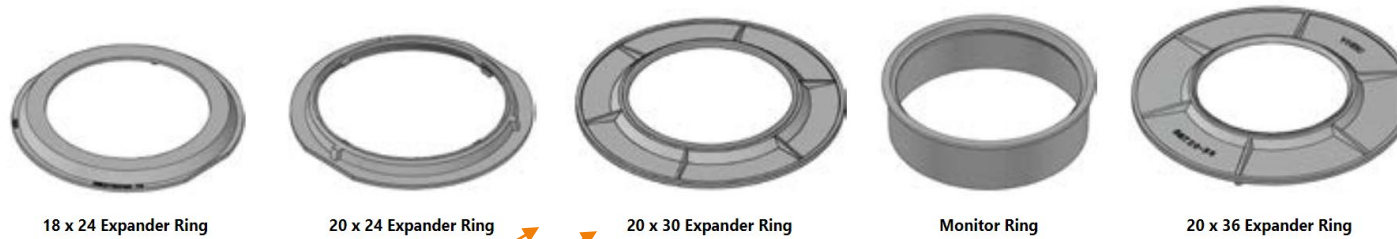
Two Circular Recessed Holes

## METER BOXES & LIDS

### UNDERSTANDING THE ROUND METER BOXES & LIDS

#### Expander Rings

### EXPANDER & MONITOR RING



18 x 24 Expander Ring

20 x 24 Expander Ring

20 x 30 Expander Ring

Monitor Ring

20 x 36 Expander Ring

20X30 Expander Ring =20" frame & 30" Meter Pit

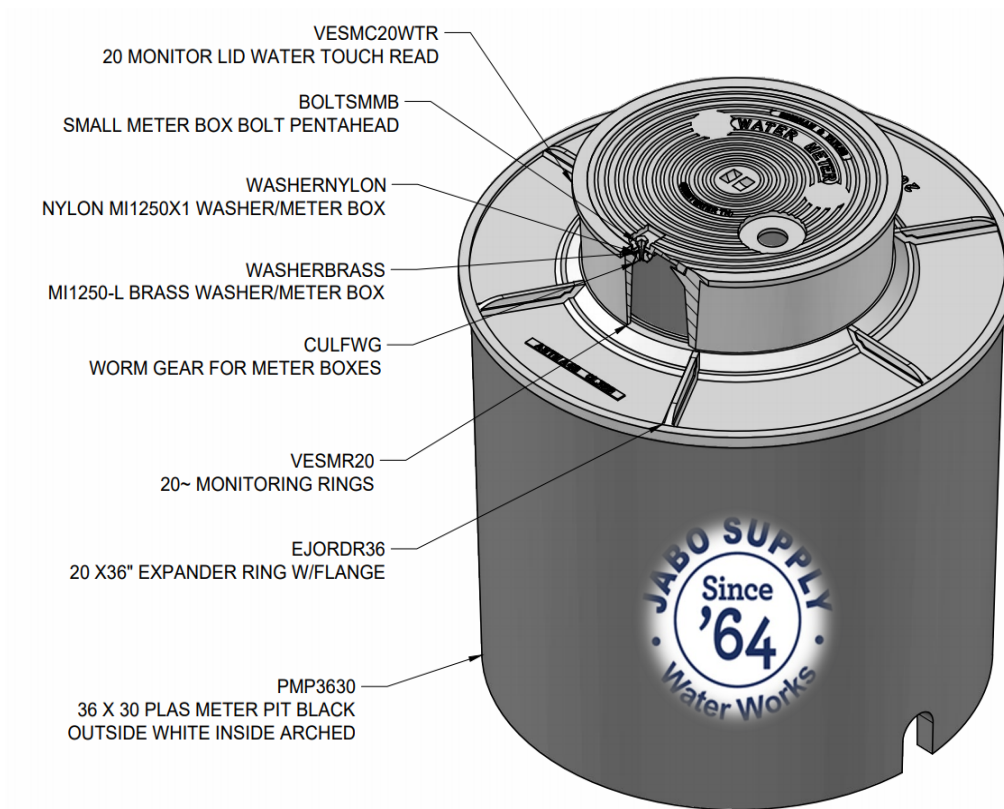
**Expander Rings** are designed to be used with meter boxes above 21". The first number represents the Diameter of the Lid. The 2nd number represents the size meter pit opening . Expander Ring can be used with Monitor Cover but is not required. Recommended for Heavier lids and when installed in light weight traffic areas.(Ref to Diagram on the next page)

## METER BOXES & LIDS

### UNDERSTANDING THE ROUND METER BOXES & LIDS

#### Monitor Covers

**Monitor covers** are designed for use on large tiles where a large lid opening is desired. The monitor cover is not designed to withstand traffic, but heavier lids are available for driveway installations where only light weight traffic is likely.



**METER BOXES & LIDS**





**IMPORT ROUND**

ROUND METER BOXES				LIDS & FRAMES					ROUND EXTENSIONS		PLUG / BOLT & WORM																																							
TYPE	BLACK W/WHITE LINER	WHITE CORRUGATED	RHINO BOX	TYPE	ROUND-1 PIECE	A-STYLE FRAME& LID	C-STYLE FRAME & LID	1 PIECE SEWER	ROUND EXTENSION		PLUG																																							
SIZE	JABO#	JABO#	JABO#	STYLE	JABO#	RECESSED	FLUSH	JABO#	SIZE	JABO#	BOLT & WORM																																							
15"x18"	NA	237-00400	NA	18" SOLID	237-40000	237-41000	237-42000	237-67500	18" X 1"	237-00105	237-44000	CAST IRON																																						
15" X 24"	NA	237-00405	NA	18" TR	237-40020	237-41020	237-42020	NA	18" X 2"	237-00110	237-44020	*27 /32"																																						
18" x 18"	237-00005	237-00410	237-10700	20" Solid	237-40040	237-41040	237-42040	NA	18" X 3"	237-00115	237-44040	**1-1/32"																																						
18" x 24"	237-00010	237-00415	237-10705	20" TR	237-40060	237-41060	237-42060	NA	18' X 4"	237-00120	*Standard																																							
18" x 30"	237-00015	237-00420	237-10710	21" SOLID	NA	237-41080	237-42080	NA	18" X 6"	237-00125	**Large																																							
18" x 48"	237-00025	237-00425	NA	21" T/R	NA	237-41090	237-42100	NA	18" X 12"	237-00130	* Non Stock Call Jabo Supply NA-Not Available																																							
20" x 20"	237-00030	NA	NA	<b>LID ONLY 11.25" Below Lids sold without frame</b>					20" X 1"	237-00145																																								
20" x 30"	237-00040	NA	NA	STYLE	A- LID	C-LID		20" X 2"	237-00150																																									
20" x 36"	237-00045	NA	NA	TYPE	JABO#	JABO#		20" X 3"	237-00155																																									
20" x 48"	237-00050	NA	NA	Solid Std	237-41120	237-42120		20" X 4"	237-00160																																									
21" x 24"	NA	237-00430	NA	Solid HD	237-41140	237-42140		20" X 6"	237-00165																																									
21" x 30"	NA	237-00435	NA	TR Std	237-41160	237-42160		20" X 12"	237-00170																																									
21" x 36"	NA	237-00440	NA	TR HD	237-41180	237-42180		24" X 3"	237-00190																																									
21" x 48"	NA	237-00445	NA	Oblong Recessed	237-41200	*		24" X 6"	237-00195																																									
24" x 24"	237-00055	237-00450	NA	<table border="1"> <thead> <tr> <th colspan="2">SLOPE EXTENSIONS</th> <th colspan="3">EXPANDER &amp; MONITOR RINGS</th> </tr> <tr> <th>INCHES X DEGREE</th> <th>JABO#</th> <th>TYPE</th> <th>EXPANDER RINGS</th> <th>MONITOR RINGS</th> </tr> <tr> <th></th> <th></th> <th>SIZE</th> <th>JABO#</th> <th>JABO#</th> </tr> </thead> <tbody> <tr> <td>18" x 15</td> <td>237-00135</td> <td>20"</td> <td>NA</td> <td>237-43140</td> </tr> <tr> <td>18" x 22</td> <td>237-00140</td> <td>20x24</td> <td>237-43020</td> <td>NA</td> </tr> <tr> <td>20" x 7</td> <td>237-00175</td> <td>20x30</td> <td>237-43080</td> <td>NA</td> </tr> <tr> <td>20" x 15</td> <td>237-00180</td> <td>20x36</td> <td>237-43120</td> <td>NA</td> </tr> <tr> <td>20" x 22</td> <td>237-00185</td> <td colspan="3">Call Jabo Supply for all your Meter Box Needs</td> </tr> </tbody> </table>					SLOPE EXTENSIONS				EXPANDER & MONITOR RINGS			INCHES X DEGREE	JABO#	TYPE	EXPANDER RINGS	MONITOR RINGS			SIZE	JABO#	JABO#	18" x 15	237-00135	20"	NA	237-43140	18" x 22	237-00140	20x24	237-43020	NA	20" x 7	237-00175	20x30	237-43080	NA	20" x 15	237-00180	20x36	237-43120	NA	20" x 22	237-00185	Call Jabo Supply for all your Meter Box Needs		
SLOPE EXTENSIONS		EXPANDER & MONITOR RINGS																																																
INCHES X DEGREE	JABO#	TYPE	EXPANDER RINGS						MONITOR RINGS																																									
		SIZE	JABO#						JABO#																																									
18" x 15	237-00135	20"	NA						237-43140																																									
18" x 22	237-00140	20x24	237-43020						NA																																									
20" x 7	237-00175	20x30	237-43080						NA																																									
20" x 15	237-00180	20x36	237-43120						NA																																									
20" x 22	237-00185	Call Jabo Supply for all your Meter Box Needs																																																
24" x 30"	237-00060	237-00455	NA						30" X 3"	237-00205																																								
24" x 36"	237-00065	237-00460	NA	30" X 6"	237-00210																																													
24" x 42"	NA	237-00465	NA	30" x 12"	237-00215																																													
24" x 48"	237-00070	237-00470	NA	36" X 3"	237-00220																																													
30" x 30"	237-00075	237-00475	NA	36" X 6"	237-00225																																													
30" x 36"	237-00080	237-00480	NA	36" X 12"	237-00230																																													
36" x 30"	237-00085	237-00485	NA																																															
36" x 36"	237-00090	237-00490	NA																																															
36" x 42"	237-00095	NA	NA																																															
36" x 48"	237-00100	NA	NA																																															







## METER BOXES & LIDS

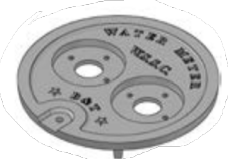
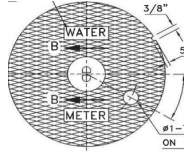
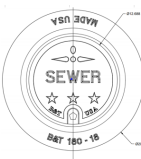
### ROUND DOMESTIC Domestic Picture Index

#### DOMESTIC FRAMES

STANDARD FRAME A	STANDARD FRAME C	HD FRAME A	HD FRAME C
			
Standard Frame	Standard Frame	Heavy Frame with Gussets	Heavy Frame with Gussets

#### DOMESTIC LIDS

SOLID (A/C)	1-NON RECESSED HOLE (A/C)	2-NON RECESSED HOLE (A/C)	1-OBLONG RECESSED HOLE (A/C)	1- CIRCULAR HOLE (A/C)	2- OBLONG HOLES (A/C)
					







2-CIRCULAR ROUND HOLES (A/C)	DOMESTIC 1-PIECES ROUND	DOMESTIC SEWER 1-PIECE
		

## METER BOXES & LIDS



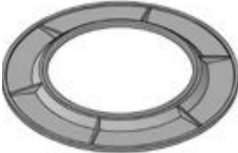
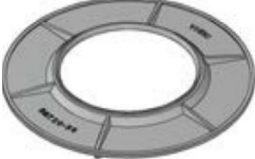

### ROUND DOMESTIC

Picture index

### UNIVERSAL COMPOSITE LIDS & TRANSMITTERS

COMPOSITE SOLID	COMPOSITE OBLONG RECESSED	CLIP FOR SOLID LID	SENSUS TRANSMITTER	MUELLER TRANSMITTER	BADGER / ORION TRANSMITTER
 <p><b>PLD-S</b> Solid Lid</p>	 <p><b>PLD-T</b> One Recessed Oblong Hole Fits Neptune Transmitter</p>	 <p><b>PLDBRC</b> C-Clip for Solid Lid</p>	 <p><b>PLDIS</b> Insert for Sensus Transmitter</p>	 <p><b>PLDIM</b> Insert for Mueller Transmitter</p>	 <p><b>PLDIB</b> Insert for Orion Transmitter</p>

### EXPANDER & MONITOR RINGS





EXPANDER RINGS 18"X24"	EXPANDER RING 20"X24"	EXPANDER RING RING 20"X30"	EXPANDER RING 20"X36"	MONITOR RING
				

## METER BOXES & LIDS

### DOMESTIC ROUND

Frames & Lids

### DOMESTIC FRAMES

TYPE	(A) STANDARD FRAME	(C) STANDARD FRAME	(A) HD FRAME	(C) HD FRAME
CALL JABO SUPPLY	 Standard Frame	 Standard Frame	 Heavy Frame with Gussets	 Heavy Frame with Gussets
	Lid sold separatly			
SIZE	JABO#	JABO#	JABO#	JABO#
18"	237-60000	237-63000	237-60020	*
20"	237-60040	237-63020	237-60060	*

### DOMESTIC LIDS

STYLE	A-STYLE		C-STYLE	
	RECESSED		FLUSH	
GRADE	Standard	Heavy Duty	Standard	Heavy Duty
TYPE	JABO#	JABO#	JABO#	JABO#
Solid	237-61000	237-61020	237-61020	*
TR-NON Recessed	237-61040	237-61060	237-61060	*
TR-1-Oblong Recessed	237-61080	237-61080	237-61080	*
TR 2-Oblong Recessed	237-61100	237-61100	237-61100	*

LARGER 1-PIECE LID		
LID STAMP	Water	Sewer
SIZE	JABO PART#	JABO PART#
18" Solid	237-67000	237-67500
18" Blank	237-67010	*

DOMESTIC FRAME & COVER		
SIZE	JABO PART#	
18" Oblong	237-61500	
20" TR	237-61150	
21" Solid	237-60200	

**METER BOXES & LIDS**

**DOMESTIC ROUND**

*Universal Composite Lides / Transmitters / Expander & Monitor Rings*

**UNIVERSAL COMPOSITE LIDS & TRANSMITTERS**

UNIVERSAL COMPOSITE LID		
CALL JABO	Solid	One Recessed Oblong Hole Fits Neptune Transmitters
SIZE	JABO#	JABO#
12.25	237-85000	*
12.5	*	*
12.75	*	*
13	*	*

TRANSMITTERS				
Fits	C-CLIP	Sensus	Mueller	ORION / BADGER
JABO#	*	137-67060	137-67040	137-67080

**DOMESTIC EXPANDER RINGS & MONITOR RINGS**

DOMESTIC EXPANDER RINGS	
SIZE	JABO#
18"X24"	137-65000
20x24	137-65020
20x30	*
20x36	137-65200

DOMESTIC MONITOR RING	
SIZE	JABO#
20'	137-65140
<b>ONLY FITS A SYTLE FRAME &amp; LID</b>	



# JABO SUPPLY

WATER & SEWER QUICK GUIDE

**INSERTA TEE**  
***"SAVES TIME & MONEY"***

## INSERTA TEE FITTINGS

### INSERTA TEE SAVES TIME & MONEY WITHOUT CUTTING THE MAINLINE

JABO STOCK	
MAINLINE	SDR 35
X	X
BRANCH	SDR 35
<b>SIZE</b>	<b>JABO#</b>
4X6	115-32000
4X8	115-32005
6X8	115-32010



**INSERTA TEE fittings for all gravity flow pipe and manholes**

Ductile Iron	Spirolite	Ultra Rib™	Pro 21®
Fiberglass	Hi Q®/Sure-Lok®	PermaLok®	Polyethylene
PVC	Vylon®	Corrugated Metal	Truss®
Ultra Corr™	N-12®	Solflo® Max	A2000®
GOLDFLO®	Kor-Flo™	Concrete	Clay
Weholite®	Asbestos Cement	N-12® HP	SaniTite® HP
DuroMaxx®			

**FOR ANY NON STOCK INSERTA TEE CALL JABO SUPPLY WITH THE FOLLOWING INFORMATION**

- 1. Mainline- Pipe Type**
- 2. Mainline OD**
- 3. Branch-Type**
- 4. Branch OD**

**INSERTA TEE**  
**HOLE SAWS**

<b>JABO STOCK</b>	
<b>COLOR</b>	<b>RED</b>
<b>SIZE</b>	<b>JABO#</b>
<b>4"</b>	<b>115-32500</b>
<b>6"</b>	<b>115-32505</b>



Common Hole Saws												
Hole Saw Series	Mainline Pipe Type	Lateral Size	2" (50mm)	3" (75mm)	4" (100mm)	6" (150mm)	8" (200mm)	10" (250mm)	12" (300mm)	15" (375mm)	18" (450mm)	24" (600mm)
Red	Plastic	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
		Hole Saw Depth	-	-	4 1/2" (114mm)	4 1/2" (114mm)	4 1/2" (114mm)	-	-	-	-	-
		Pilot Drill	-	-	12mm	12mm	12mm	-	-	-	-	-
Blue	Plastic	Hole Saw Size	2 5/8" (67mm)	3 3/4" (95mm)	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	10 7/8" (276mm)	12 7/8" (327mm)	15 13/16" (402mm)	19 13/16" (503mm)	25 5/16" (603mm)
		Hole Saw Depth	4 1/2" (114mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	10 1/2" (267mm)
		Pilot Drill	12mm	12mm	12mm	12mm	12mm	3/4"	3/4"	3/4"	3/4"	3/4"
Silver	Non-Plastic	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
		Hole Saw Depth	-	-	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	-	-	-	-	-
		Pilot Drill	-	-	10mm	10mm	10mm	-	-	-	-	-
Gold	Non-Plastic	Hole Saw Size	2 5/8" (67mm)	3 3/4" (95mm)	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	10 7/8" (276mm)	12 7/8" (327mm)	15 13/16" (402mm)	19 13/16" (503mm)	25 5/16" (603mm)
		Hole Saw Depth	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	8 1/2" (216mm)	9 1/2" (242mm)	11 1/2" (292mm)
		Pilot Drill	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Uncommon Hole Saws												
Orange	Air Testible Applications ADS HP Pipe	Hole Saw Size	-	-	4 3/8" (111mm)	6 3/8" (162mm)	8 5/8" (219mm)	10 3/4" (273mm)	12 3/4" (324mm)	15 3/4" (400mm)	19 1/16" (484mm)	-
		Hole Saw Depth	4 1/2" (114mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)
		Pilot Drill	-	-	12mm	12mm	12mm	3/4"	3/4"	3/4"	3/4"	-
Grey	Solid Wall PE	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
		Hole Saw Depth	-	-	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	-	-	-	-	-
		Pilot Drill	-	-	3/4"	3/4"	3/4"	-	-	-	-	-

**JABO SUPPLY**

**PHYSICAL LOCATIONS**

**HUNTINGTON WV**

*5164 Braley Street, 25705  
(304) 736-8333*



**BRANCH LOCATIONS**

**PARKERSBURG WV**

*10085 Emerson Ave, 26102  
(304) 464-4400*

**NORTON VA**

*205 Hawthorne Drive, 24273  
(276) 679-1224*

**MORGANFIELD KY**

*118 Jim Veatch Road, 42437  
(270) 389-3430*

**BEAVER WV (BECKLEY)**

*227 C&O Shop Road, 25813  
(304) 252-0000*