

LASCO[®]
Fittings, Inc.

NSF-dwv

TECHNICAL DATA

Drain – Waste – Vent

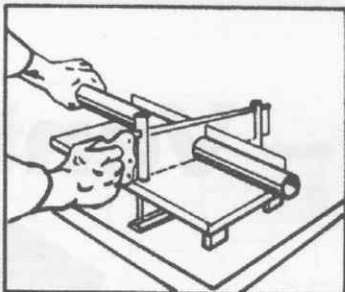
DWV

PVC PIPE FITTINGS

Installation Procedures

JOINT STRENGTH-Properly joined, PVC pipe and fittings produce pressure tight joints, either in shop operations or in the field. However, skill and knowledge are required in order to obtain good

quality joints. The following is an installation procedure that when followed closely will help insure a pressure tight joint when using LASCO PVC-DWV fittings.

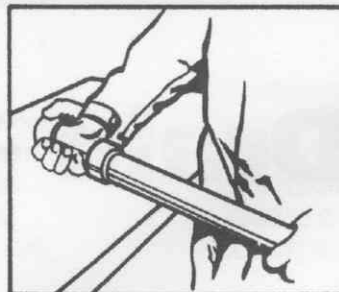


1. Cut pipe square. Use saw and mitre box or plastic tube cutter. Remove all burrs from both the inside and outside of the pipe with a knife, file or reamer. Remove dirt, grease and moisture. A thorough wipe with a clean dry rag is usually sufficient. Check dry fit. For proper interference fit, pipe should go easily into fitting $\frac{1}{2}$ to $\frac{3}{4}$ of the way.



2. Using a suitable applicator, apply primer to the socket of the fitting. (Care should be taken not to allow primer to puddle in fitting socket.) Next, apply primer to pipe surface equal to the depth of the fitting socket. Apply primer again to fitting socket. (Primer is used to soften the surfaces of PVC pipe and fittings making them suitable for solvent cementing.)

With the same type of applicator apply a full even coat of solvent cement to the pipe equal to the depth of the fitting socket. Coat the fitting socket with a medium layer. (Care should be taken not to allow cement to puddle in fitting socket.) Apply a second full even layer to the pipe. Cement must be applied in sufficient quantities to fill the joint.



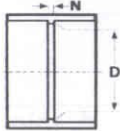
3. Without delay assemble while cement is still wet. Use sufficient force to insure that pipe bottoms in socket. If possible, twist the pipe or fitting $\frac{1}{8}$ to $\frac{1}{4}$ turn as assembled. Hold together about 30 seconds to make sure joint does not separate. With a rag, wipe off excess cement. Avoid disturbing the joint.

Allow about 15 minutes for good handling strength.

Adapting Plastic Piping to Other Piping Materials...

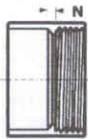
THREADED CONNECTIONS- DWV - PVC pipe should not be threaded. Most codes require transition from one material to another by use of appropriate adapter fittings. LASCO offers a complete line of adapters for PVC DWV. Common pipe "dopes" should not be used on threaded PVC joints. If lubricants are necessary, ordinary Vaseline or pipe tape can be used.

CAULKING-PVC can be caulked with lead into cast iron without damage. PVC absorbs heat so slowly that the lead cools before causing any distortion to the adaptor or pipe end. Lead should be heated just above the Melting Point. Do not overheat.



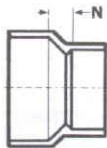
**Coupling
H X H**

Part No.	Size	D	N, min
D100-012	1 ¼	1.600 to 1.380	1/8
D100-015	1 ½	1.840 to 1.610	1/8
D100-020	2	2.320 to 2.067	1/8
D100-030	3	3.440 to 3.068	3/16
D100-040	4	4.440 to 4.026	1/4
D100-060	6	6.550 to 6.065	1/4
D100-080	8	8.655 to 8.610	1/4



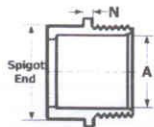
**Female
Adapter
H X FPT**

Part No.	Size	N, min
D101-012	1 ¼	1/4
D101-015	1 ½	1/4
D101-020	2	1/4
D101-030	3	5/16
D101-040	4	11/32



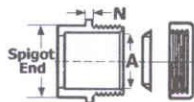
**Reducing
Coupling
H X H**

Part No.	Size	N, min
D102-251	1 ½ X 2	17/32
D102-337	1 ½ X 3	1 3/32
D102-338	2 X 3	7/8
D102-420	2 X 4	1 3/8
D102-422	3 X 4	15/16



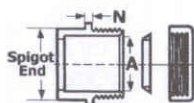
**Trap
Adapter
-Male-
SP X MPT**

Part No.	Size	N, min	A, min
D103-015	1 ½	3/16	1.500
D103-020	2	3/16	2.000
D103-212	1 ¼ X 1 ½	3/16	1.250



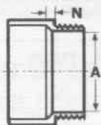
**Trap Adapter
-Male-
w/Chrome
Nut & Washer
SP X SJ**

Part No.	Size	N, min	A, min
D113-012	1 ¼	3/16	1.250
D113-015	1 ½	3/16	1.500
D113-020	2	3/16	2.000
D113-212	1 ½ X 1 ¼	3/16	1.250



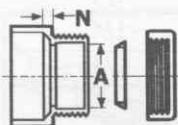
**Trap Adapter
-Male-
w/Chrome
Nut & Washer
SP X SJ**

Part No.	Size	N, min	A, min
D115-015	1 ½	3/16	1.500
D115-020	2	3/16	2.000
D115-212	1 ½ X 1 ¼	3/16	1.250



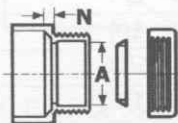
**Trap Adapter
-Female-
H X MPT**

Part No.	Size	N, min	A, min
D114-015	1 1/2	3/16	1.500
D114-020	2	3/16	2.000
D114-212	1 1/2 X 1 1/4	3/16	1.250



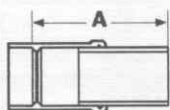
**Trap Adapter
-Female-
w/Plastic Nut
& Washer
H X MPT**

Part No.	Size	N, min	A, min
D104-012	1 1/4	3/16	1.250
D104-015	1 1/2	3/16	1.500
D104-020	2	3/16	2.000
D104-212	1 1/2 X 1 1/4	3/16	1.250



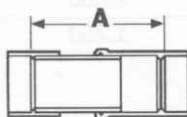
**Trap Adapter
-Female-
w/Chrome
Nut & Washer
H X SJ**

Part No.	Size	N, min	A, min
D116-015	1 1/2	3/16	1.500
D116-020	2	3/16	2.000
D116-212	1 1/2 X 1 1/4	3/16	1.250



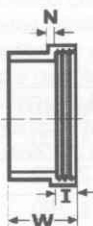
**Expansion
Joint
(with Piston)
H X SP**

Part No.	Size	A	
		min	max
D134-015	1 1/2	4 5/8	6 5/8
D134-020	2	5 1/8	7 1/8
D134-030	3	6	8 1/8
D134-040	4	7	9



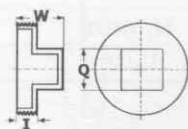
**Expansion
Joint
(with Poston)
H X H**

Part No.	Size	A	
		min.	max.
D133-015	1 1/2	5	7
D133-020	2	5	7
D133-030	3	5 7/8	7 3/4
D133-040	4	6 3/4	8 3/4



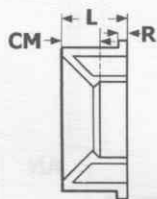
**Fitting
Cleanout
Adapter
SP X FPT**

Part No.	Size	N, min	I, min	W, min
D105-015	1 1/2	5/32	5/8	1 15/32
D105-020	2	5/32	5/8	1 17/32
D105-030	3	7/32	3/4	2 15/32
D105-040	4	1/4	7/8	2 3/4



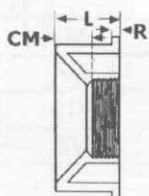
**Cleanout
Plug
W/Raised
Nut
MPT**

Part No.	Size	I	W	Q
D106-012	1 1/4	1/2	1	1
D106-015	1 1/2	5/8	1 3/8	1
D106-020	2	5/8	1 3/8	1 1/4
D106-030	3	3/4	1 3/4	1 5/8
D106-040	4	7/8	1 7/8	2



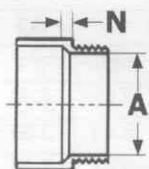
**Flush
Bushing
SP X H**

Part No.	Size	L	CM	R
D107-212	1 1/2 X 1 1/4	15/16	3/16	3/16
D107-250	2 X 1 1/4	1 1/16	5/16	3/16
D107-251	2 X 1 1/2	1 1/16	5/16	3/16
D107-337	3 X 1 1/2	1 3/4	1	1/4
D107-338	3 X 2	1 3/4	7/8	1/4
D107-420	4 X 2	2	1 1/8	1/4
D107-422	4 X 3	2	1/2	1/4
D107-532	6 X 4	3 1/2	1 3/4	1/2
D107-582	8 X 4	4 5/8	2 7/8	5/8
D107-585	8 X 6	4 5/8	1 5/8	5/8



**Flush
Bushing
SP X FPT**

Part No.	Size	L	CM	R
D108-251	2 X 1 1/2	1 1/16	5/16	3/16



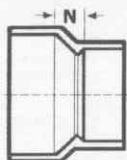
**Male
Adapter
H X MPT**

Part No.	Size	N, min	A, max
D109-012	1 1/4	3/16	1.290
D109-015	1 1/2	3/16	1.552
D109-020	2	3/16	2.067
D109-030	3	3/8	3.068
D109-040	4	3/8	4.026



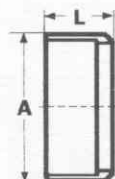
**Cap
Hub**

Part No.	Size	L	E
447-015	1 1/2	1 5/8	1 5/16
447-020	2	2 7/32	1 15/32
447-030	3	3 3/16	2 3/16
447-040	4	3 17/32	2 1/4
447-060	6	5 15/32	3 9/16



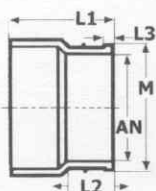
**Adapter
Coupling
H X H**
Adapts S&D
Spigot to DWV
Spigot

Part No.	Size	N, min
D117-422	4 x 3	15/16



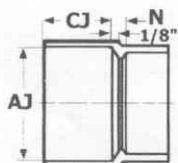
**Adapter
Bushing
SP X H**

Part No.	Size	L	A
D118-030	3	1 23/32	3.44 to 3.068
D118-040	4	2 1/32	4.44 to 4.026



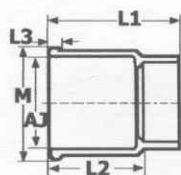
**No-Hub
Adapter
H X SP**

Part No.	Size	L2	L1	L3	M		AN
	min	min	min	min	min	max	
D119-020	2	3 1/2	4 5/8	3/8	2.75	2.63	2.00
D119-030	3	3 3/4	5 5/8	3/8	3.88	3.63	3.00
D119-040	4	4	6 1/8	3/8	4.88	4.63	4.00



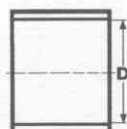
**Spigot
Adapter
Cast Iron
Soil Pipe
H X H**

Part No.	Size	AJ	CJ	N
D122-020	2X2	2.94	2 3/8	3/8
D122-030	3X3	3.94	2 5/8	7/16
D122-040	4X4	4.94	2 7/8	1/2



**Hub
Adapter
Cast Iron
Soil Pipe
H X SP**

Part No.	Size	L2	L1	L3	M		AJ
		min	min	min	max	min	
D123-020	2 X 2	3 1/2	4 5/8	3/8	2.75	2.63	2.00
D123-030	3 X 3	3 3/4	5 5/8	3/8	3.88	3.63	3.00
D123-040	4 X 4	4	6 1/8	3/8	4.88	4.63	4.00
D123-251	2 X 1 1/2	3 1/2	4 1/4	3/8	2.75	2.63	2.00
D123-341	4 X 3	4	5 1/2	3/8	4.88	4.63	4.00



**Repair
Coupling
H X H**

Part No.	Size	D
D130-015	1 1/2	1.840 to 1.610
D130-020	2	2.320 to 2.067
D130-030	3	3.440 to 3.068
D130-040	4	4.440 to 4.026



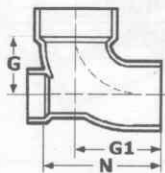
**Test Cap
Insert
Type**

Part No.	Size	A	B	C
D131-015	1 1/2	1.85	1.59	.05
D131-020	2	2.32	2.05	.05
D131-030	3	3.40	3.06	.05
D131-040	4	4.40	4.01	.05



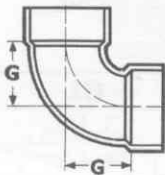
**Test Cap
Pipe**

Part No.	Size	A
D132-015	1 1/2	1 7/8
D132-020	2	2 11/32
D132-030	3	3 1/2
D132-040	4	4 15/32



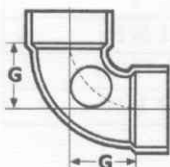
**Street
1/4 Bend
W/Low
Heel Inlet
SP X H X H**

Part No.	Size	G	G1	N
D293-338	3 X 3 X 2	3 1/16	4 9/16	5 15/16



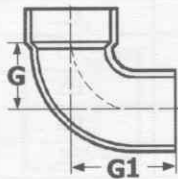
**1/4 Bend
H X H**

Part No.	Size	G
D300-012	1 1/4	1 9/16
D300-015	1 1/2	1 3/4
D300-020	2	2 5/16
D300-030	3	3 1/16
D300-030	4	3 7/8
D300-060	6	5 min
D300-080	8	6



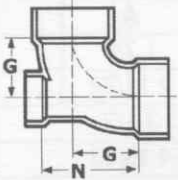
**1/4 Bend
W/Side Inlet
All Hub**

Part No.	Size	G
D301-337	3 X 3 X 1 1/2	3 1/16
D301-337	3 X 3 X 2	3 1/16



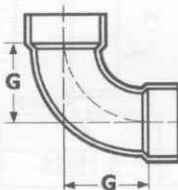
**1/4 Bend
Street
H X SP**

Part No.	Size	G	G1
D302-012	1 1/4	1 9/16	2 5/16
D302-015	1 1/8	1 3/4	2 1/2
D302-020	2	2 5/16	3 3/16
D302-030	3	3 1/16	4 9/16
D302-040	4	3 7/8	5 5/8
D302-060	6	5 min	8



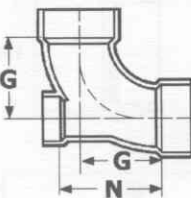
**1/4 Bend
w/Low Heel
Inlet
All Hub**

Part No.	Size	G	N
D303-337	3 X 3 X 1 1/2	3 1/16	4 3/16
D303-338	3 X 3 X 2	3 1/16	4 7/16
D303-420	4 X 4 X 2	3 7/8	5 7/16



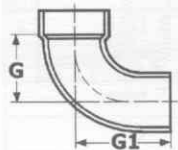
**Long Sweep
1/4 Bend
H X H**

Part No.	Size	G
D304-015	1 1/2	2 3/4
D304-020	2	3 1/4
D304-030	3	4 1/8
D304-040	4	4 15/16



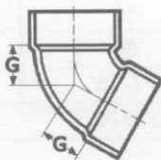
**Long Sweep
1/4 Bend
W/Low Heel
Inlet
All Hub**

Part No.	Size	G	N
D307-338	3 X 3 X 2	4 1/16	4 15/16



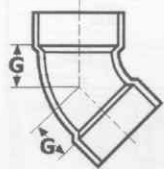
**Street
Long Sweep
1/4 Bend
H X SP**

Part No.	Size	G	G1
D309-015	1 1/2	2 3/4	3 1/2
D309-020	2	3 1/4	4 1/8
D309-030	3	4 1/16	5 9/16



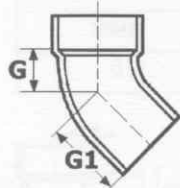
**1/6 Bend
H X H**

Part No.	Size	G
D319-015	1 1/2	1
D319-020	2	1 5/16
D319-030	3	1 11/16
D319-040	4	2 1/16



**1/8 Bend
H X H**

Part No.	Size	G
D321-015	1 1/2	1 1/8
D321-020	2	1 1/2
D321-030	3	1 3/4
D321-040	4	2 3/16
D321-060	6	2 min
D321-080	8	2 1/16



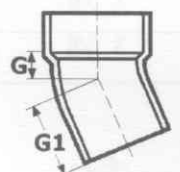
**Street
1/8 Bend
H X SP**

Part No.	Size	G	G1
D323-015	1 1/2	1 1/8	1 7/8
D323-020	2	1 1/2	2 3/8
D323-030	3	1 3/4	3 1/4
D323-040	4	2 3/16	3 15/16
D323-060	6	2 min	5
D323-080	8	2 1/16	6 1/16



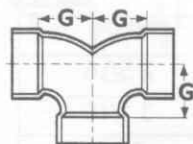
**1/16 Bend
H X H**

Part No.	Size	G
D324-015	1 1/2	1/2
D324-020	2	11/16
D324-030	3	13/16
D324-040	4	1



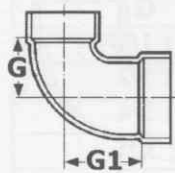
**Street
1/16 Bend
Sp X H**

Part No.	Size	G	G1
D326-015	1 1/2	1	1 3/4
D326-020	2	1 5/16	2 3/16
D326-030	3	1 11/16	3 3/16
D326-040	4	2 1/16	3 13/16



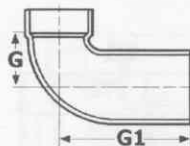
**Three Way
Ell
All Hub**

Part No.	Size	G
D327-015	1 1/2	1 9/16
D327-020	2	1 3/4
D327-030	3	2 5/16
D327-041	2 X 1 1/2 X 1 1/2	1 5/8



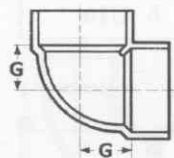
**Reducing
Closet Bend
H X H**

Part No.	Size	G	G1
D329-422	4 X 3	3 3/8	3



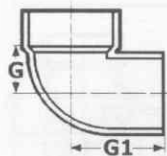
**Reducing
Closet Bend
H X SP**

Part No.	Size	G	G1
		min	max
D330-341	4 X 3	3 3/8	6



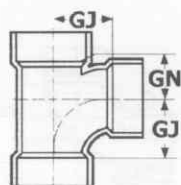
**Vent Ell
H X H**

Part No.	Size	G
D331-015	1 1/2	1 3/16
D331-020	2	1 1/2
D331-030	3	1 7/8



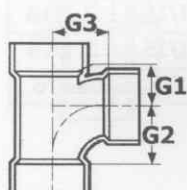
**Street Vent
Ell
H X SP**

Part No.	Size	G	G1
D333-015	1 1/2	1 3/16	1 15/16
D333-020	2	1 1/2	2 3/8
D333-030	3	1 7/8	3 3/8



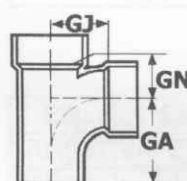
**Sanitary
Tee
All Hub**

Part No.	Size	GN	GJ
D400-012	1 1/4	3/4	1 9/16
D400-015	1 1/2	1	1 3/4
D400-020	2	1 3/8	2 5/16
D400-030	3	1 13/16	3 1/16
D400-040	4	2 1/4	3 7/8
D400-060	6	3 1/2	5



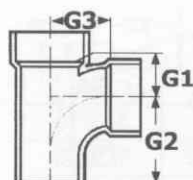
**Reducing
Sanitary Tee
All Hub**

Part No.	Size	G1	G2	G3
D401-241	2 X 1 1/2 X 1 1/2	1 3/16	1 15/16	2 3/16
D401-242	2 X 1 1/2 X 2	1 3/8	2 5/16	2 5/16
D401-251	2 X 2 X 1 1/2	1 3/16	1 15/16	2 3/16
D401-337	3 X 3 X 1 1/2	15/16	1 3/4	2 9/16
D401-338	3 X 3 X 2	1 3/16	2 1/8	2 7/8
D401-420	4 X 4 X 2	1 1/8	2 1/16	3 5/16
D401-422	4 X 4 X 3	1 3/4	3	3 9/16
D401-532	6 X 6 X 4	2 3/16	3 5/8	4 5/16



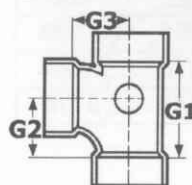
**Street
Sanitary Tee
H X H X SP**

Part No.	Size	GN	GJ	GA
D403-015	1 1/2	1	1 3/4	2 1/2
D403-020	2	1 3/8	2 5/16	3 3/16
D403-030	3	1 13/16	3 1/16	4 9/16
D403-040	4	2 1/4	3 7/8	5 5/8



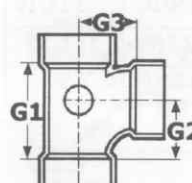
**Reducing
Street
Sanitary Tee
H X H X SP**

Part No.	Size	G1	G2	G3
D404-241	2 X 1 1/2 X 1 1/2	1 3/16	2 11/16	2 3/16
D404-242	2 X 1 1/2 X 2	1 3/8	3 1/16	2 5/16
D404-251	2 X 2 X 1 1/2	1 3/16	2 11/16	2 3/16
D404-337	3 X 3 X 1 1/2	15/16	3 1/4	2 9/16
D404-338	3 X 3 X 2	1 3/16	3 5/8	2 7/8
D404-420	4 X 4 X 2	1 1/8	3 13/16	3 5/16



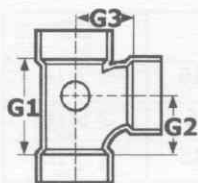
**Sanitary Tee
W/Left Side
Inlet
All Hub**

Part No.	Size	G1	G2	G3
D416-337	3 X 3 X 3 X 1 1/2	4 7/8	3 1/16	3 1/16
D416-338	3 X 3 X 3 X 2	4 7/8	3 1/16	3 1/16
D416-420	4 X 4 X 4 X 2	6 1/8	3 7/8	3 7/8



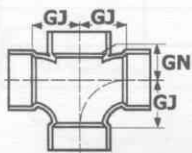
**Sanitary Tee
W/Right Side
Inlet
All Hub**

Part No.	Size	G1	G2	G3
D417-337	3 X 3 X 3 X 1 1/2	4 7/8	3 1/16	3 1/16
D417-338	3 X 3 X 3 X 2	4 7/8	3 1/16	3 1/16
D417-420	4 X 4 X 4 X 2	6 1/8	3 7/8	3 7/8



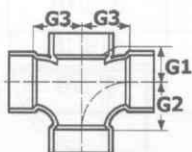
**Sanitary Tee
W/R & L
Side Inlet
All Hub**

Part No.	Size	G1	G2	G3
D418-337	3 X 3 X 3 X 1 1/2 X 1 1/2	4 7/8	3 1/16	3 1/16
D418-338	3 X 3 X 3 X 2 X 2	4 7/8	3 1/16	3 1/16
D418-420	4 X 4 X 4 X 2 X 2	6 1/8	3 7/8	3 7/8



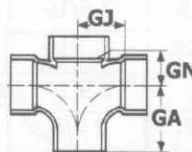
**Double
Sanitary Tee
All Hub**

Part No.	Size	GN	GJ
D428-015	1 1/2	1	1 3/4
D428-020	2	1 3/8	2 5/16
D428-030	3	1 13/16	3 1/16
D428-040	4	2 1/4	3 7/8



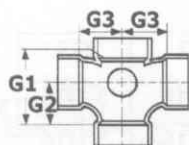
**Reducing
Double
Sanitary Tee
All Hub**

Part No.	Size	G1	G2	G3
D429-252	2 X 2 X 1 1/2 X 1 1/2	1 3/16	1 15/16	2 3/16
D429-337	3 X 3 X 1 1/2 X 1 1/2	15/16	1 3/4	2 9/16
D429-338	3 X 3 X 2 X 2	1 3/16	2 1/8	2 7/8
D429-420	4 X 4 X 2 X 2	1 1/8	2 1/16	3 5/16
D429-422	4 X 4 X 3 X 3	1 3/4	3	3 9/16



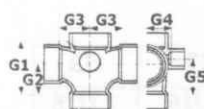
**Street
Double
Sanitary Tee
SP X H X H X
H**

Part No.	Size	GJ	GN	GA
D431-030	2	2 5/16	1 3/8	3 3/16
D431-251	3	3 1/16	1 13/16	4 9/16
D431-338	4	3 7/8	2 1/4	5 5/8



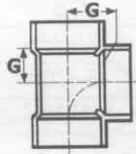
**Double
Sanitary
Tee
W/Side Inlet
All Hub**

Part No.	Size	G1	G2	G3
D438-337	3 X 3 X 3 X 3 X 1 1/2	4 7/8	3 1/16	3 1/16
D438-338	3 X 3 X 3 X 3 X 2	4 7/8	3 1/16	3 1/16
D438-420	4 X 4 X 4 X 4 X 2	6 1/8	3 7/8	3 7/8



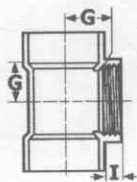
**Double
Sanitary
Tee
W/R & L
Side Inlets
All Hubs**

Part No.	Size	G1	G2	G3	G4	G5
D439-337	3x3x3x3x1 1/2	4 7/8	3 1/16	3 1/16	2 9/16	3 11/16
D439-338	3x3x3x3x2	4 7/8	3 1/16	3 1/16	2 7/8	3 11/16
D439-420	4x4x4x4x2	6 1/8	3 7/8	3 7/8	3 5/16	5



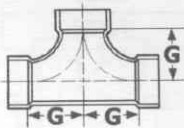
**Vent Tee
All Hub**

Part No.	Size	G
D441-015	1 1/2	1 3/16
D441-020	2	1 1/2
D441-030	3	1 7/8
D441-040	4	2 1/2



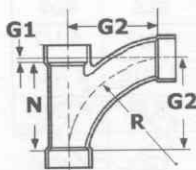
**Flush
Cleanout
Tee
H X H X FPT**

Part No.	Size	G	I
D445-015	1 1/2	1 3/16	5/8
D445-020	2	1 1/2	5/8
D445-030	3	1 7/8	3/4
D445-040	4	2 1/2	7/8



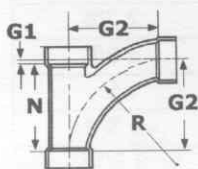
**Two-Way
Cleanout
All Hub**

Part No.	Size	G
D448-030	3	4 1/16
D448-040	4	4 15/16



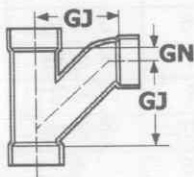
**Long Turn
Tee
1/8 Bend
(one pc.)
All Hub**

Part No.	Size	G1	G2	N	R
D501-015	1 1/2	7/16	3 15/16	3 1/2	5 7/8
D501-020	2	11/16	5 1/8	4 7/16	7
D501-030	3	1 1/18	7 9/16	6 1/2	10 1/8
D501-040	4	1 1/2	10	8 1/2	13 1/4



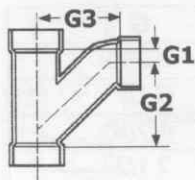
**Long Turn
Tee
1/8 Bend
(one pc.)
All Hub**

Part No.	Size	G1	G2	G3	N	R
D502-241	2 x 1 1/2 x 1 1/2	7/16	3 15/16	4 3/16	3 1/2	5 7/8
D502-251	2 x 2 x 1 1/2	7/16	3 15/16	4 3/16	3 1/2	5 7/8
D502-337	3 x 3 x 1 1/2	7/16	3 15/16	4 3/4	3 1/2	5 7/8
D502-338	3 x 3 x 2	11/16	5 1/8	5 11/16	4 7/16	7
D502-420	4 x 4 x 2	5/8	5 1/8	6 1/8	4 1/2	7
D502-422	4 x 4 x 3	1 1/18	7 9/16	8 1/16	6 1/2	10 1/8



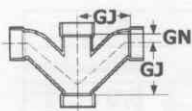
**Combination
Wye & 1/8
Bend
(two pc.)
All Hub**

Part No.	Size	GN	GJ
D503-015	1 1/2	1/2	3 3/8
D503-020	2	1	4 1/2
D503-030	3	1 1/8	6 5/16
D503-040	4	1 13/16	8 5/8
D503-060	6	-1.029	11.375



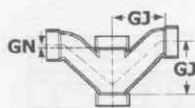
**Reducing
Combination
Wye & 1/8
Bend
(two pc.)
All Hub**

Part No.	Size	G1	G2	G3
D504-338	3 X 3 X 2	7/16	4 3/4	5 5/16
D504-442	4 X 4 X 3	1 1/16	6 3/8	6 7/8
D504-532	6 X 6 X 4	9/16	7 13/16	8 15/16



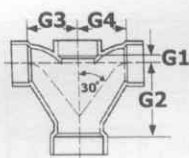
**Double
Combination
Wye 1/8
Bend
All Hub**

Part No.	Size	GN	GJ
D507-030	3	1 1/8	6 5/16
D507-040	4	1 13/16	8 5/8



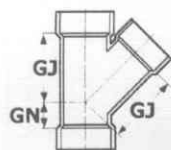
**Reducing
Double
Combination
Wye 1/8
Bend
All Hub**

Part No.	Size	GN	GJ
D507-420	4 X 4 X 2 X 2	-.071	6.038
D507-422	4 X 4 X 3 X 3	-1.0	7.588



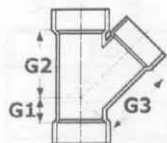
**Double
Fixture
Fitting
All Hub**

Part No.	Size	G1	G2	G3	G4
D510-030	3	1/2	6 3/4	4 1/2	4 1/2
D510-241	2 X 1 1/2 X 1 1/2 X 1 1/2	3/8	3 9/16	2 7/16	2 7/16
D510-329	3 X 2 X 3 X 3	.480	6.230	5.0	5.0



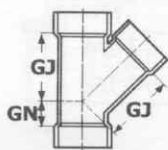
**Wye
All Hub**

Part No.	Size	GN	GJ
D600-015	1 1/2	1 1/8	2 7/8
D600-020	2	1 3/8	3 5/8
D600-030	3	1 5/8	5
D600-040	4	1 7/8	6 3/8
D600-060	6	1 3/4	8 7/16
D600-080	8	2 3/8	11 3/4



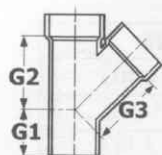
**Reducing
Wye
All Hub**

Part No.	Size	G1	G2	G3
D601-241	2 X 1 1/2 X 1 1/2	3/4	2 13/16	2 15/16
D601-251	2 X 2 X 1 1/2	1 1/16	3 5/16	3 7/16
D601-337	3 X 3 X 1 1/2	1/2	3 3/4	4 5/16
D601-338	3 X 3 X 2	7/8	4 1/8	4 5/8
D601-420	4 X 4 X 2	3/8	4 11/16	5 9/16
D601-422	4 X 4 X 3	1 1/16	5 9/16	6
D601-532	6 X 6 X 4	3/16	6 11/16	7 7/16
D601-582	8 X 8 X 4	3/8	7 5/8	8 5/8
D601-585	8 X 8 X 6	1	9 1/2	9 13/16



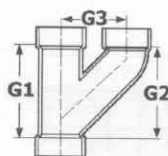
**Street
Wye
SP X H X H**

Part No.	Size	GN	GJ
D602-015	1 1/2	1 7/8	2 7/8
D602-020	2	2 1/4	3 5/8
D602-030	3	3 1/8	5
D602-040	4	3 5/8	6 3/8



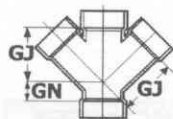
**Reducing
Street Wye
SP X H X H**

Part No.	Size	G1	G2	G3
D603-251	2 X 2 X 1 1/2	1 15/16	3 5/16	3 7/16
D603-337	3 X 3 X 1 1/2	2	3 3/4	4 5/16
D603-338	3 X 3 X 2	2 3/8	4 1/8	4 5/8
D603-420	4 X 4 X 2	2 1/8	4 11/16	5 9/16
D603-422	4 X 4 X 3	2 13/16	5 9/16	6



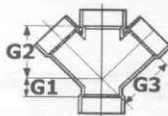
**Upright
Combination
Wye & 1/8
Bend
(two pc.)
All Hub**

Part No.	Size	G1	G2	G3
D605-020	2	5 1/2	5 3/16	3 3/8
D605-030	3	7 1/2	7 3/8	5 1/4
D606-251	2 X 2 X 1 1/2	4 1/4	4 1/8	3 1/16
D606-338	3 X 3 X 2	5 3/16	5 5/16	4 9/16



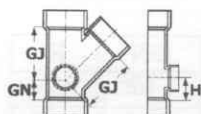
**Double
Wye
All Hub**

Part No.	Size	GN	GJ
D611-015	1 1/2	1 1/8	2 7/8
D611-020	2	1 3/8	3 5/8
D611-030	3	1 5/8	5
D611-040	4	1 7/8	6 3/8



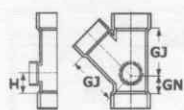
**Reducing
Double Wye
All Hub**

Part No.	Size	G1	G2	G3
D612-252	2 X 2 X 1 1/2 X 1 1/2	1 1/16	3 5/16	3 7/16
D612-337	3 X 3 X 1 1/2 X 1 1/2	1/2	3 3/4	4 5/16
D612-338	3 X 3 X 2 X 2	7/8	4 1/8	4 5/8
D612-420	4 X 4 X 2 X 2	3/8	4 11/16	5 9/16
D612-422	4 X 4 X 3 X 3	1 1/16	5 9/16	6
D612-523	6 X 6 X 4 X 4	3/16	6 11/16	7 7/16



**Wye
W/Left Hand
Inlet
All Hub**

Part No.	Size	GN	GJ	H
D625-030	3x3x3x2	3 1/8	5	2 1/4
D625-040	4x4x4x2	3 5/8	6 3/8	2 1/2



**Wye W/
Right Hand
Inlet
All Hub**

Part No.	Size	GN	GJ	H
D626-030	3x3x3x2	3 1/8	5	2 1/4
D626-040	4x4x4x2	3 5/8	6 3/8	2 1/2



**Return
Bend
H X H**

Part No.	Size	GGN min	GN min
D700-015	1 1/2	3	1 3/8
D700-020	2	5	2 1/4
D700-030	3	6 1/4	2 5/8



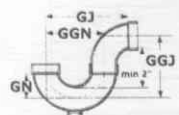
**P-Trap
H X H**

Part No.	Size	GJ	GGJ	GGN	GN	R
D706-015	1 1/2	4 7/32	3 5/8	3	1 3/8	1 5/8
D706-020	2	7 1/4	4 1/16	5	2 1/4	2 1/2
D706-030	3	8 7/16	6 5/16	6 1/4	2 5/8	3 1/8
D706-040	4	10 13/16	7 7/8	8 1/16	3 7/16	4 1/16



**Low Profile
P-Trap
H X H**

Part No.	Size	GN	GJ	GGN	GGJ
D706-016	1 1/2	1 3/8	4 7/32	3	3.413
D706-021	2	2 1/4	7 1/4	5	4.660



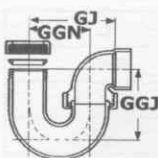
**P-Trap
w/Cleanout
H X H**

Part No.	Size	GN	GJ	GGN	GGJ
D707-015	1 1/2	1 3/8	4 7/32	3	3.792
D707-020	2	2 1/4	7 1/4	5	4.912



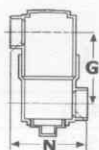
**P-Trap Union
W/Plastic
Nut
H X H**

Part No.	Size	GJ	GGJ	GGN	GN	R
D708-015	1 1/2	4 7/32	3 5/8	3	1 3/8	1 5/8
D708-020	2	7 1/4	4 1/16	5	2 1/4	2 1/2



**L.A. Pattern
P-Trap
W/Plastic
Nut
H X SJ**

Part No.	Size	GJ	GGJ	GGN
D711-015	1 1/2	5.098	3.741	3.550
D711-212	1 1/2 X 1 1/4	5.098	3.741	3.550



**Drum Trap
H X H**

Part No.	Size	G	N
D720-015	1 1/2	4.565	3.456



**Closet Flange
(one pc.)
Hub**

Part No.	Size	E min	L min
D800-040	4	1/4	2
D800-422	4 X 3	1/4	1 1/4



**Closet Flange
(one pc.)
Spigot**

Part No.	Size	E min	L min
D801-040	4	1/4	2
D801-422	4 X 3	1/4	3/8



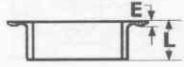
**Closet Flange
W/K.O.
(one pc.)
Hub**

Part No.	Size	E min	L min
D810-422	4 X 3	1/4	1 1/4



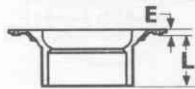
**Closet Flange
W/Metal Ring**

Part No.	Size	M min	L min
D811-040	4	7/32	2
D811-422	4 X 3	7/32	1 1/4



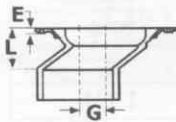
**Closet Flange
W/Metal Ring
Spigot**

Part No.	Size	E min	L min
D812-040	4	7/32	2
D812-422	4 X 3	7/32	3/4



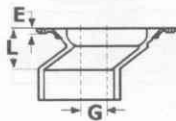
**Flush Closet
Flange
W/K.O.
Hub**

Part No.	Size	E min	L min
D815-422	4 X 3	1/4	15/16



**Offset Closet
Flange
W/Plastic
Ring
Hub**

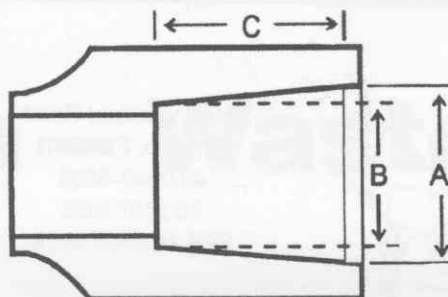
Part No.	Size	E min	L min	G
D822-422	4 X 3	1/4	2.706	1.500



**Offset Closet
Flange
W/Metal Ring
Hub**

Part No.	Size	E min	L min	G
D823-422	4 X 3	7/32	2.647	1.500

DWV Fittings Hub Dimensions



Size	A (in.)	B (in.)	C (min.)
1 1/4	1.675	1.655	.687
1 1/2	1.915	1.895	.687
2	2.390	2.370	.750
3	3.520	3.495	1.500
4	4.520	4.495	1.750
6	6.647	6.614	3.000
8	8.655	8.610	4.000

Decimal Equivalents

1/64 = .0156	13/64 = .2031	25/64 = .3906
1/32 = .0313	7/32 = .2188	13/32 = .4063
3/64 = .0469	15/64 = .2344	15/32 = .4688
1/16 = .0625	1/4 = .2500	1/2 = .5000
5/64 = .0781	17/64 = .2656	9/16 = .5625
3/32 = .0938	9/32 = .2813	5/8 = .6250
7/64 = .1094	19/64 = .2969	11/16 = .6875
1/8 = .1250	5/16 = .3125	3/4 = .7500
9/64 = .1406	21/64 = .3281	13/16 = .8125
5/32 = .1563	11/32 = .3438	7/8 = .8750
11/64 = .1719	23/64 = .3594	15/16 = .9375
3/16 = .1875	3/8 = .3750	

Fittings Terms And Abbreviations

FPT	= Female Pipe Thread
H	= Hub
MPT	= Male Pipe Thread
SJ	= Slip Joint
SP	= Spigot

LASCO® DWV-PVC

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Standards and Specifications

ASTM D-2665 – Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste and Vent Pipe and Fittings.

ASTM D-1784 – Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

ASTM 3311 – Drain, Waste, and Vent (DWV) Plastic Fitting Patterns.

MATERIAL – LASCO DWV Fittings are produced from PVC Type I, Cell classification 12454-B. PVC Fittings are listed by NSF (National Sanitation Foundation).

ATTENTION!

DO NOT use LASCO Fittings for **compressed air** or **gases**.

DO NOT test PVC piping systems with **compressed air** or **gases**.

DO NOT use fittings with liquids not recommended by LASCO.

Modifications of fittings voids the warranty.

LIMITED WARRANTY

LASCO fittings are made from 100% virgin materials and are warranted to be free from manufacturing defects in materials and workmanship. They are warranted against rot, rust, and electrolytic corrosion for a period of 3 years from date of installation. If LASCO fittings prove defective due to manufacturing defects in material or workmanship during that period, the manufacturer will provide new replacement units of the same type and size. No remedy will be granted under this warranty if LASCO fittings are not used strictly in accordance with LASCO's directions with respect to use and storage or if the fittings have been modified in any way. THE MANUFACTURER'S LIABILITY UNDER EXPRESSED OR IMPLIED WARRANTY OR FOR ANY REASON IS LIMITED TO FURNISHING REPLACEMENT UNITS OR GRANTING CREDIT FOR DEFECTIVE UNITS. NO LABOR EXPENSE OR CONSEQUENTIAL DAMAGES WILL BE PAID BY LASCO. THIS WARRANTY IS IN LIEU OF ALL OTHER GUARANTEES AND WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PURPOSE, EXCEPT FOR ANY WARRANTIES IMPLIED BY LAW FOR NONCOMMERCIAL CONSUMERS. ANY SUCH WARRANTIES ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.