

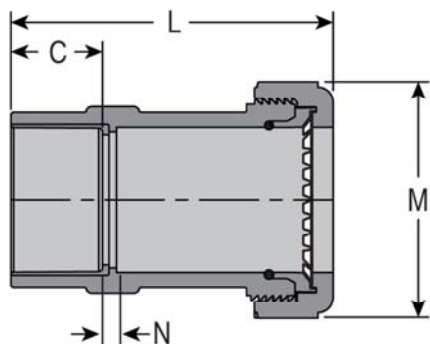
P092 GripLoc™ Transition Coupling -

H x GripLoc™ Compression

WARNING: DO NOT INSERT FINGERS

FKM Gasket

For connection to PP or PVDF systems

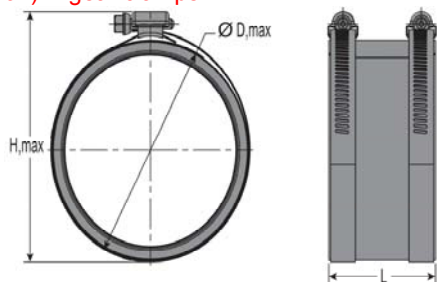


Part Number	Size	C	L	M	N
P092-015C	1-1/2	1-3/8	4-7/8	3-5/16	7/32
P092-020C	2	1-1/2	5-5/16	3-15/16	1/4

P093 Elastomer Transition Coupling - Glass/IPS Pipe

IPS Clamp Joint x IPS Clamp Joint

For connection to plain end Glass or any same-size IPS pipe systems. Shielded FKM (Fluorocarbon) w/gear clamps.



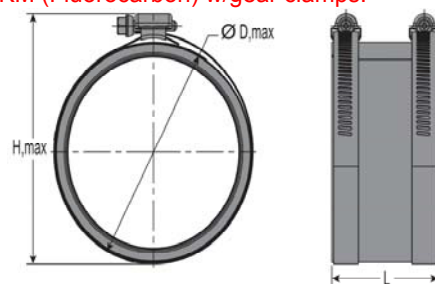
Part Number	Size	D	H	L
P093-015	1-1/2	2-1/2	2-7/8	2-1/8
P093-020	2	3	3-3/8	2-1/8
P093-030	3	4	4-3/8	2-1/8
P093-040	4	5	5-3/8	2-1/8
P093-060	6	7-3/16	7-9/16	3

P094 Elastomer Transition Coupling-Duriron

IPS Clamp Joint x Duriron Clamp Joint

For connection to Duriron plain end pipe.

Shielded FKM (Fluorocarbon) w/gear clamps.

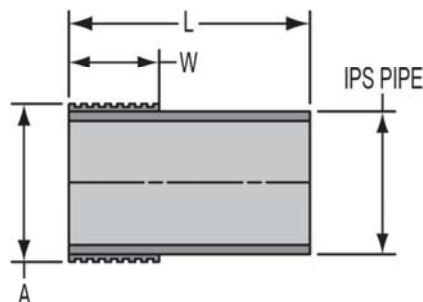


Part Number	Size	D	H	L
P094-015	1-1/2	2-1/2	2-7/8	2-1/8
P094-020	2	3	3-3/8	2-1/8
P094-030	3	4	4-3/8	2-1/8
P094-040	4	5	5-3/8	2-1/8

P095 Duriron Transition Fitting

Mechanical Joint x Pipe Size

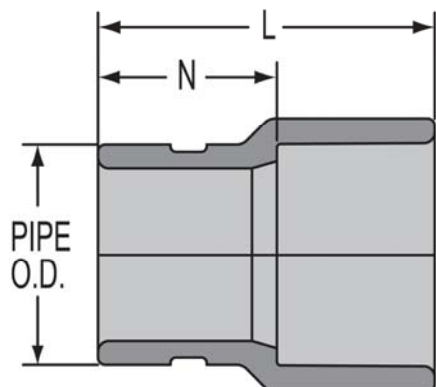
For connection to Duriron system. Requires Duriron mechanical joint coupling.



Part Number	Size	A	L	W
P095-015C	1-1/2	2- 3/16	4	1- 3/8
P095-020C	2	2- 5/8	4	1- 1/2
P095-030C	3	3- 3/4	4	1- 7/8
P095-040C	4	4-3/4	4	2- 1/4

P096 Grooved Coupling

Grv x Soc

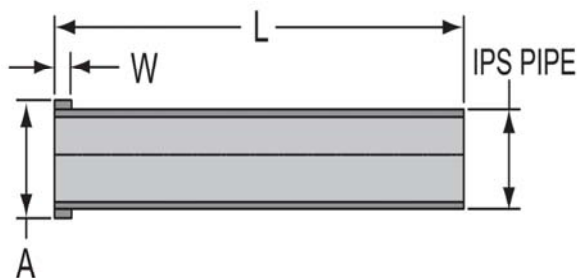


Part Number	Size	L	N
P096-015C	1-1/2	2- 5/16	1- 1/2
P096-020C	2	3- 1/16	1- 9/16
P096-030C	3	3- 9/16	1-11/16
P096-040C	4	4- 1/2	2- 1/4
P096-060C	6	5- 3/8	2- 3/8

P097 Duriron Transition Coupling

Spig x Caulk Joint

For connection to Duriron system. Requires packing and plastic lead. Warning: Do not use hot lead or oiled Oakum

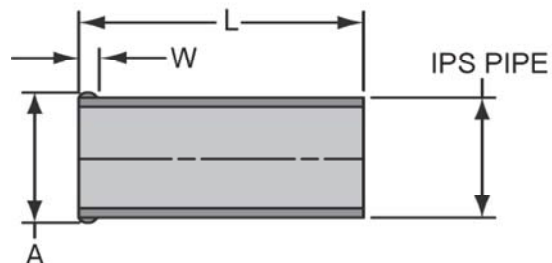


Part Number	Size	A	L	W
P097-015C	1-1/2	2- 1/4	12	1/2
P097-020C	2	2- 7/8	12	1/2
P097-030C	3	4- 3/16	12	1/2
P097-040C	4	5- 1/4	12	1/2

P098 Glass Transition Coupling

Spig x Clamp

For connection to glass system. Requires use of clamp from glass system manufacturer.

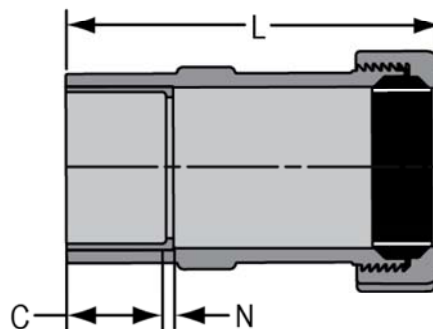


Part Number	Size	A	L	W
P098-015C	1-1/2	2- 1/16	4	1/4
P098-020C	2	2- 9/16	5	1/4
P098-030C	3	3-11/16	6	5/16
P098-040C	4	4-27/32	6	5/16
P098-060C	6	7- 1/8	6	1/2

P099 Transition Coupling

H x Compression

For connection to PP or PVDF systems. Requires Safety Retaining Groove Tool. Contact Spears®.

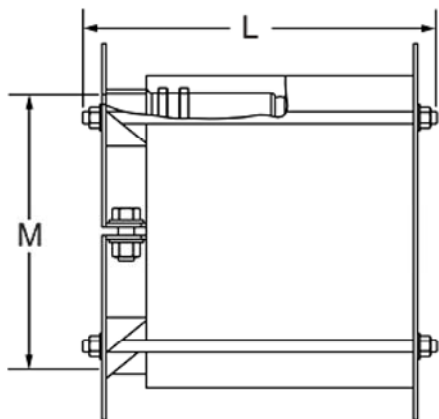


Part Number	Size	C	L	N
P099-015C	1-1/2	1- 3/8	5- 1/8	3/32
P099-020C	2	1- 1/2	5- 3/4	1/8
P099-030C	3	1- 7/8	10- 5/16	3/16
P099-040C	4	2- 1/4	11- 5/32	7/32
P099-060C	6	3	13- 3/8	9/32



P099 Transition Coupling - Bolted Style

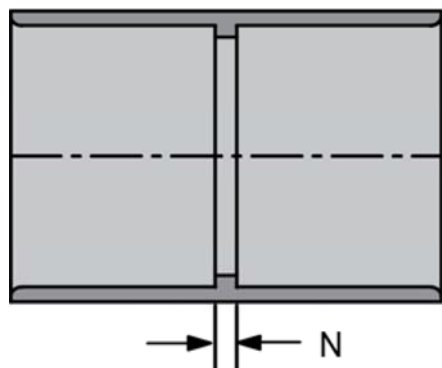
H x Compression



Part Number	Size	L	M
P099-080C	8	11	8-9/16

P100 Coupling

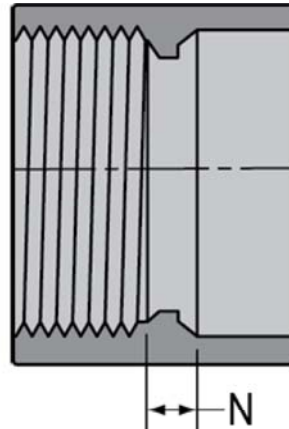
H x H



Part Number	Size	N
P100-015C	1-1/2	1/8
P100-020C	2	1/8
P100-030C	3	1/8
P100-040C	4	1/4
P100-060C	6	1/4
P100-080C	8	1/4
P100-100C	10	3/8
P100-120C	12	3/8
P100-140C	14	3/8

P101 Female Adapter

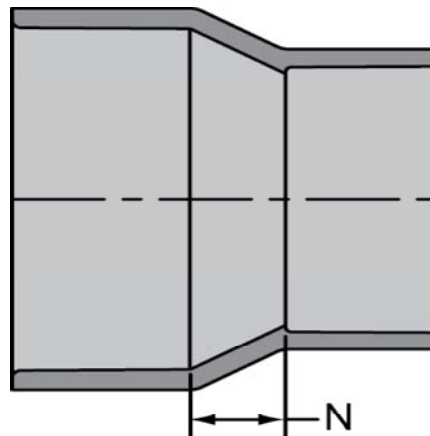
Fpt x H



Part Number	Size	N
P101-015C	1-1/2	1/4
P101-020C	2	1/4
P101-030C	3	5/16
P101-040C	4	3/8
P101-060C	6	3/8
P101-080C	8	1/4

P102 Increaser - Reducer

H x H

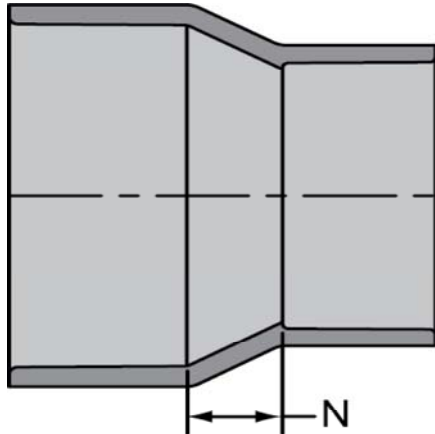


Part Number	Size	N
P102-251C	2X1-1/2	11/16
P102-337C	3X1-1/2	1- 3/32
P102-338C	3X2	15/16
P102-420C	4X2	1- 3/8
P102-422C	4X3	15/16
P102-530C	6X3	2-1/4
P102-532C	6X4	1- 7/16
P102-582C	8X4	2-3/8
P102-585C	8X6	1-3/8
P102-624C	10X4	3- 3/8
P102-626C	10X6	2- 1/4
P102-628C	10X8	1- 5/16
P102-664CF	12X4	18-11/16

P102 Increaser - Reducer

(Continued)

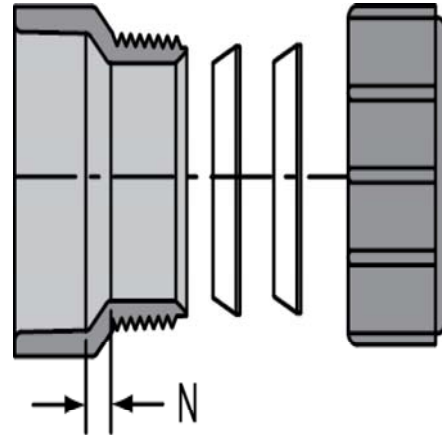
H x H



Part Number	Size	N
P102-666C	12X6	3- 1/4
P102-668C	12X8	2- 5/16
P102-670C	12X10	1-1/4

P104R Trap Adapter - Female

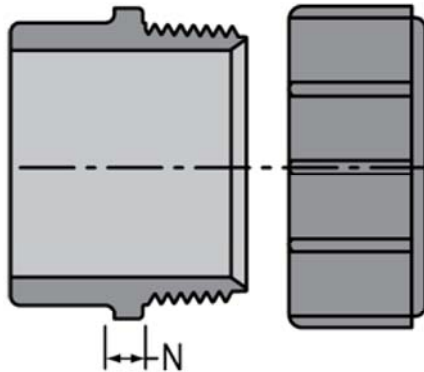
w/1-1/2 Plastic Nut & Washer and 1-1/2x1-1/4 Washer
H x Slip w/Plastic Nut



Part Number	Size	N
P104R-015C	1-1/2	3/16

P103P Trap Adapter - Male

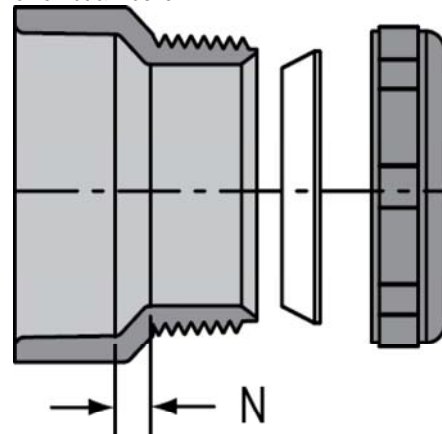
Spig x Slip with Plastic Nut



Part Number	Size	N
P103P-015C	1-1/2	3/16
P103P-020C	2	3/16

P104X Trap Adapter - Female

H x Slip w/Chrome Nut & Washer

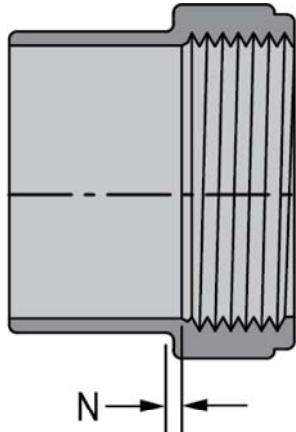


Part Number	Size	N
P104X-015C	1-1/2	3/16



P105 Cleanout Adapter

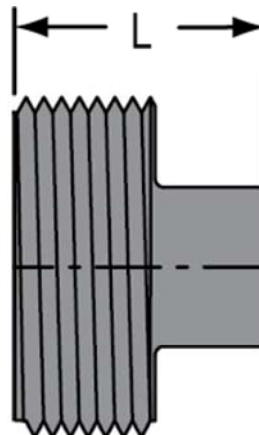
Spig x Fpt



Part Number	Size	N
P105-015C	1-1/2	5/32
P105-020C	2	1/4
P105-030C	3	1/4
P105-040C	4	1/4
P105-060C	6	3/8
P105-080C	8	3/8

P106 Square Head Cleanout Plug

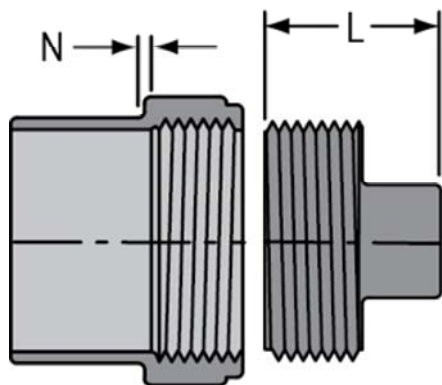
Mpt



Part Number	Size	L
P106-015C	1-1/2	1- 3/8
P106-020C	2	1- 3/8
P106-030C	3	1-3/4
P106-040C	4	1- 7/8
P106-060C	6	1-15/16
P106-080C	8	2- 1/16

P105X Cleanout Adapter with Square Head Plug

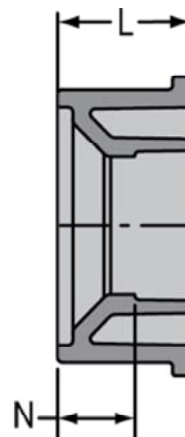
Spig



Part Number	Size	L	N
P105X-015C	1-1/2	1- 3/8	5/32
P105X-020C	2	1-3/8	5/32
P105X-030C	3	1-3/4	1/4
P105X-040C	4	1- 7/8	1/4
P105X-060C	6	1-15/16	3/8
P105X-080C	8	2-1/16	5/16

P107 Flush Bushing

Spig x H

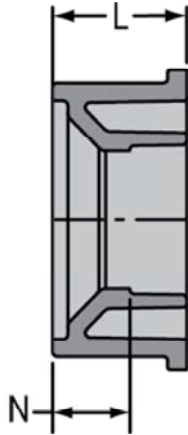


Part Number	Size	L	N
P107-251C	2X1-1/2	1- 1/16	1/4
P107-337C	3X1-1/2	1- 3/4	1
P107-338C	3X2	1-3/4	1
P107-420C	4X2	2	1- 1/8
P107-422C	4X3	2	1/2
P107-530C ¹	6X3	3-3/4	2-11/32
P107-532C	6X4	3- 7/16	1-3/4
P107-582C	8X4	4- 9/16	2-13/16
P107-585C	8X6	4-9/16	1- 9/16
P107-623C ¹	10X3	6-3/16	4-5/8
P107-624C ¹	10X4	6	4-1/4

P107 Flush Bushing

(Continued)

Spig x H

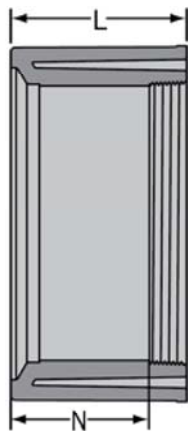


Part Number	Size	L	N
P107-626C	10X6	5- 11/32	2- 5/16
P107-628C	10X8	5-1/4	1-5/16
P107-664C ¹	12X4	6-15/16	5-5/32
P107-666C ¹	12X6	6-7/8	3- 7/8
P107-668C	12X8	6-5/16	2-5/16
P107-670C	12X10	6-5/16	1-5/16

¹ Outlet-sized with Bushing

P108 Flush Bushing (Cleanout Adapter)

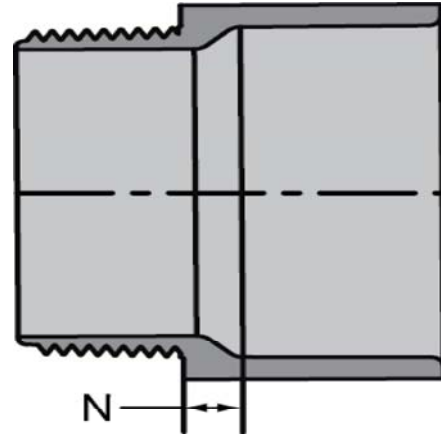
Spig x FPT



Part Number	Size	L	N
P108-212C	1-1/2X1-1/4	7/8	3/16

P109 Male Adapter

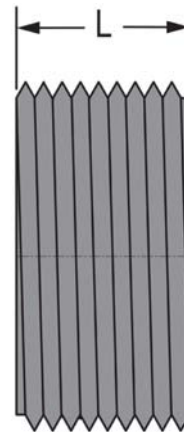
Mpt x H



Part Number	Size	N
P109-015C	1-1/2	3/16
P109-020C	2	3/16
P109-030C	3	3/8
P109-040C	4	3/8
P109-060C	6	3/8

P110 Counter Sunk Cleanout Plug

Mpt

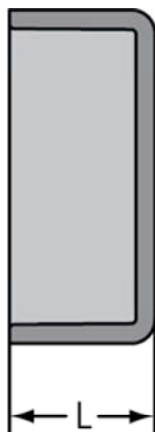


Part Number	Size	L
P110-015C	1-1/2	5/8
P110-020C	2	5/8
P110-030C	3	3/4
P110-040C	4	7/8
P110-060C	6	31/32



P116 Cap

Socket

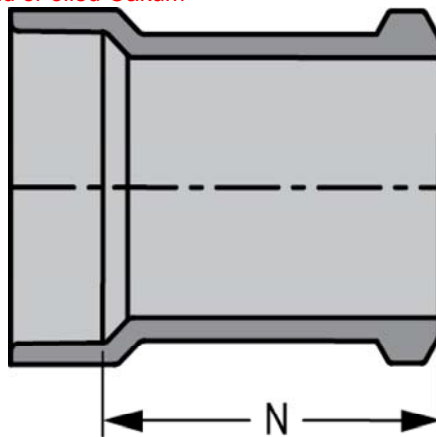


Part Number	Size	L
P116-015C	1-1/2	15/16
P116-020C	2	1
P116-030C	3	1- 3/4
P116-040C	4	2
P116-060C	6	3- 9/32
P116-080C	8	6- 3/8
P116-100CF	10	3-3/4
P116-120CF	12	4-1/8

P123 Hub Adapter

H x S

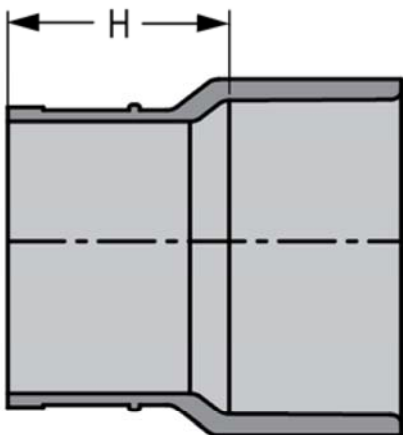
For connection to Cast Iron system. Requires packing and plastic lead. Warning: Do not use hot lead or oiled Oakum



Part Number	Size	N
P123-020C	2	4- 7/8
P123-030C	3	4- 1/8

P119 No-Hub Adapter

S x H



Part Number	Size	H
P119-015C	1-1/2	1- 5/8
P119-020C	2	1- 5/8
P119-030C	3	1-3/4
P119-040C	4	1- 7/8
P119-060C	6	2-9/16

P130 Repair Coupling

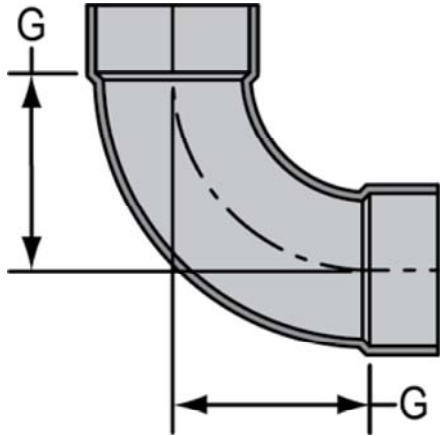
H x H



Part Number	Size	L
P130-015C	1-1/2	1-1/2
P130-020C	2	1- 5/8
P130-030C	3	3- 3/16
P130-040C	4	3- 3/4
P130-060C	6	6-3/8
P130-080C	8	8-5/16
P130-100C	10	10-7/16

P300 1/4 Bend (90° Ell)

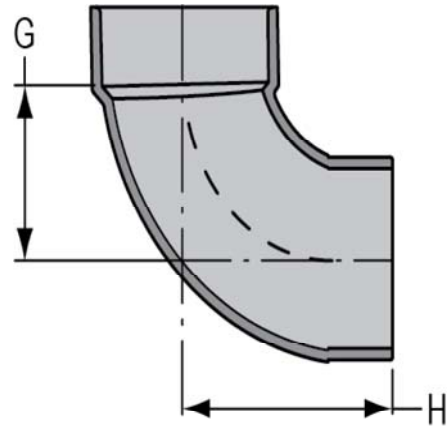
H x H



Part Number	Size	G
P300-015C	1-1/2	1-3/4
P300-020C	2	2- 5/16
P300-030C	3	3-1/16
P300-040C	4	3-7/8
P300-060C	6	5
P300-080C	8	6
P300-100C	10	9-13/16
P300-120C	12	10- 3/4

P302 1/4 Bend, Street (90° Street Ell)

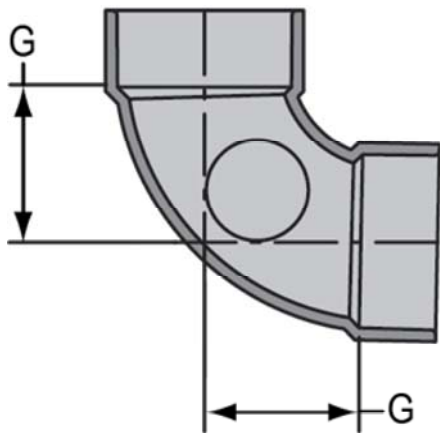
H x Spig



Part Number	Size	G	H
P302-015C	1-1/2	1- 3/4	2-13/32
P302-020C	2	2-5/16	3-1/4
P302-030C	3	3-1/16	4- 9/16
P302-040C	4	3- 7/8	5- 9/16
P302-060C	6	5	8-1/4
P302-080C	8	6	10- 3/8
P302-100C	10	9-13/16	15- 5/16
P302-120C	12	10-13/16	17- 1/4

P300S 1/4 Bend w/Side Inlet (90° Ell)

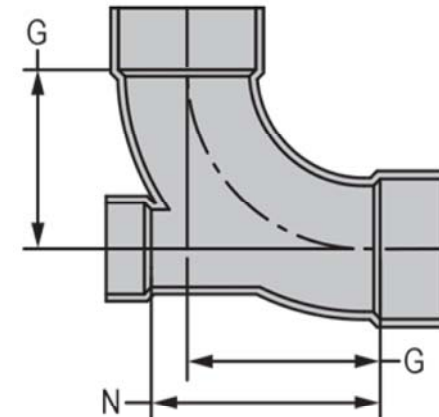
All Hub



Part Number	Size	G
P300S-338C	3X3X2	3- 1/16

P303 1/4 Bend w/Low Heel Inlet

H x H x H

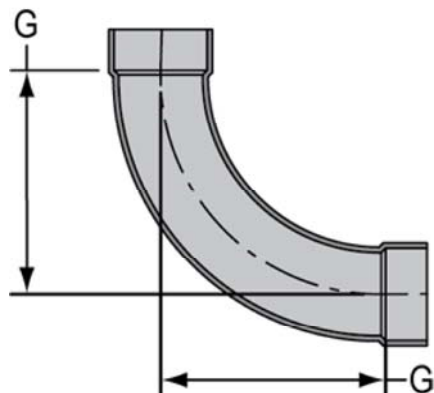


Part Number	Size	G	N
P303-338C	3X3X2	3- 1/16	4- 7/16
P303-420C	4X4X2	3-7/8	5-1/4



P304 1/4 Bend, Long Sweep (90° LS Ell)

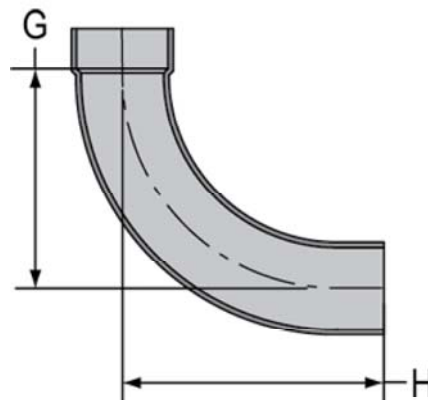
H x H



Part Number	Size	G
P304-015C	1-1/2	2- 3/4
P304-020C	2	3-1/4
P304-030C	3	4-1/16
P304-040C	4	4- 15/16
P304-060C	6	9

P309 1/4 Bend Long Sweep, Street (90° LS Street Ell)

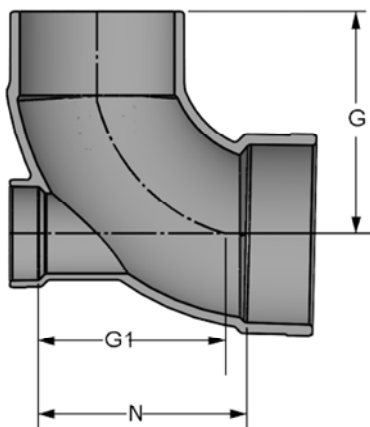
H x Spig



Part Number	Size	G	H
P309-015C	1-1/2	2- 3/4	3-5/16
P309-020C	2	3- 1/4	4- 1/16
P309-030C	3	4-1/16	5-3/4
P309-040C	4	4-15/16	6-1/2
P309-060C	6	9	11-3/4

P306 1/4 Bend w/Low Heel Inlet

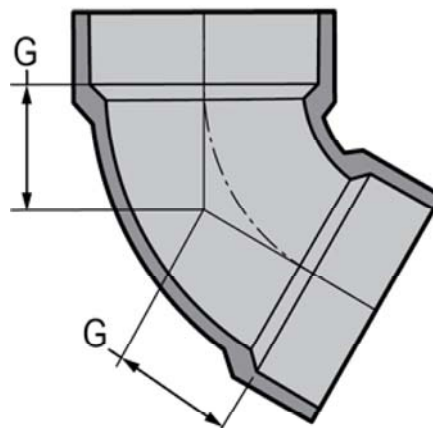
S x H x H



Part Number	Size	G	G1	N
P306-420C	4X4X2	5- 5/8	3- 7/8	5-7/16

P319 1/6 Bend (60° Ell)

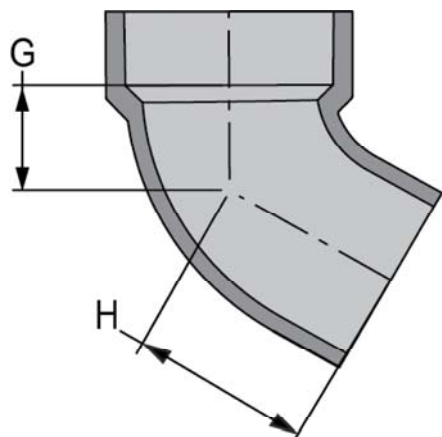
H x H



Part Number	Size	G
P319-015C	1-1/2	1
P319-020C	2	1- 5/16
P319-030C	3	1-11/16
P319-040C	4	2- 1/16
P319-060CF	6	2-13/16
P319-120CF	12	4-15/16

P320 1/6 Bend, Street (60° Street Ell)

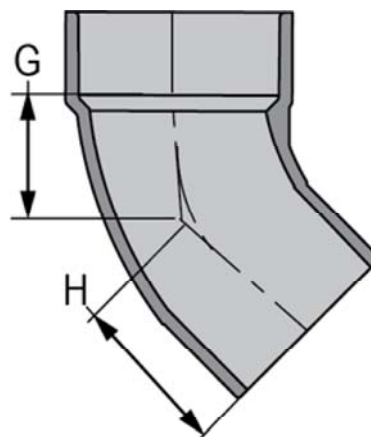
H x Spig



Part Number	Size	G	H
P320-015C	1-1/2	1	1- 3/4
P320-020C	2	1- 5/16	2- 1/8
P320-030C	3	1-11/16	3
P320-040C	4	2- 1/16	3-1/2

P323 1/8 Bend, Street (45° Street Ell)

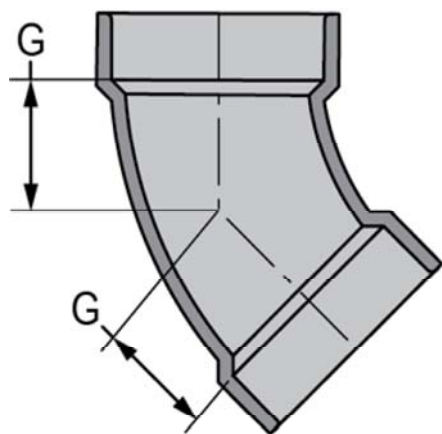
H x Spig



Part Number	Size	G	H
P323-015C	1-1/2	1-1/8	1-3/4
P323-020C	2	1-1/2	2- 3/16
P323-030C	3	1- 3/4	3- 1/4
P323-040C	4	2- 3/16	3-15/16
P323-060C	6	2	5
P323-080C	8	2-1/16	6
P323-100C	10	2-5/8	10-5/8
P323-120C	12	3-1/8	12-7/8

P321 1/8 Bend (45° Ell)

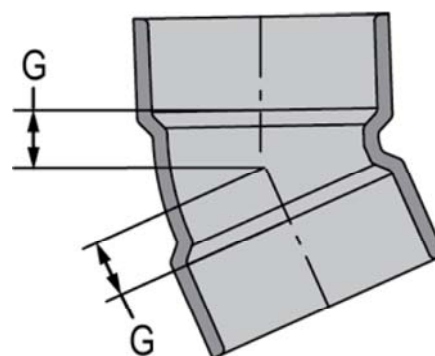
H x H



Part Number	Size	G
P321-015C	1-1/2	1- 1/8
P321-020C	2	1-1/2
P321-030C	3	1-3/4
P321-040C	4	2-3/16
P321-060C	6	2
P321-080C	8	2-1/16
P321-100C	10	2-5/8
P321-120C	12	3- 1/8

P324 1/16 Bend (22-1/2° Ell)

H x H

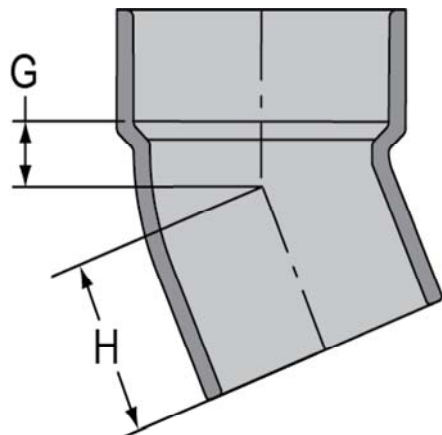


Part Number	Size	G
P324-015C	1-1/2	1/2
P324-020C	2	11/16
P324-030C	3	13/16
P324-040C	4	1
P324-060C	6	1- 1/2
P324-080C	8	1-1/2
P324-100CF	10	2-1/16
P324-120CF	12	2-1/4



P326 1/16 Bend, Street (22-1/2° Street Ell)

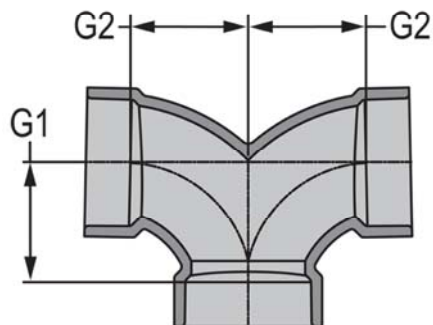
H x Spig



Part Number	Size	G	H
P326-015C	1-1/2	1/2	1- 1/8
P326-020C	2	11/16	1- 3/8
P326-030C	3	13/16	2- 1/4
P326-040C	4	1	2-1/2
P326-060C	6	1- 1/2	4- 1/2
P326-080C	8	1- 1/2	5- 1/2

P327 Double 1/4 Bend (3 Way Ell)

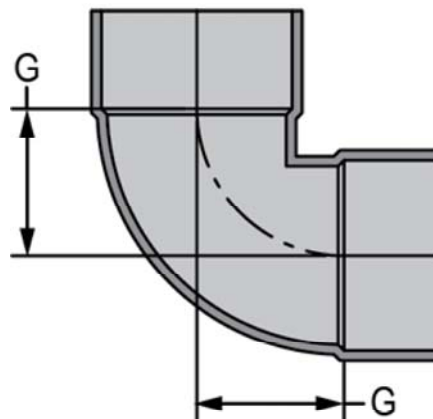
All Hub



Part Number	Size	G1	G2
P327-015C	1-1/2	1- 3/4	1- 3/4
P327-020C	2	2- 5/16	2- 5/16
P327-030C	3	3- 1/16	3- 1/16
P327-040C	4	3-7/8	3-7/8
P327-241C	2X1-1/2X1-1/2	1- 15/16	2-3/16

P331 Vent Ell

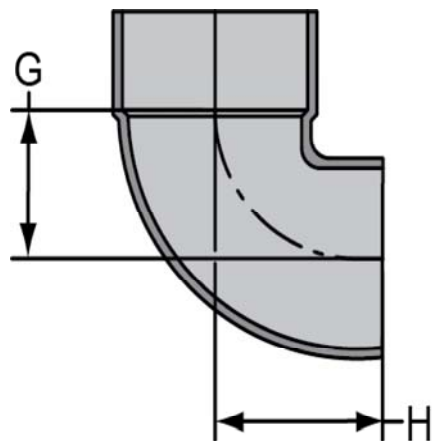
H x H



Part Number	Size	G
P331-015C	1-1/2	1- 3/16
P331-020C	2	1- 1/2
P331-030C	3	1- 7/8
P331-040C	4	2- 1/2
P331-060C	6	3-1/2

P333 Vent Ell, Street

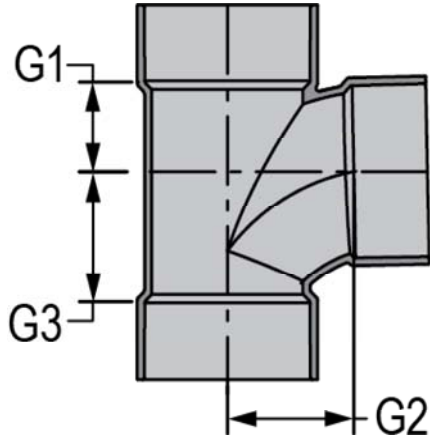
H x Spig



Part Number	Size	G	H
P333-015C	1-1/2	1- 3/16	1-7/8
P333-020C	2	1- 1/2	2- 3/16
P333-030C	3	1- 7/8	3- 5/8
P333-040C	4	2-1/2	4- 7/16

P400 Sanitary Tee

All Hub

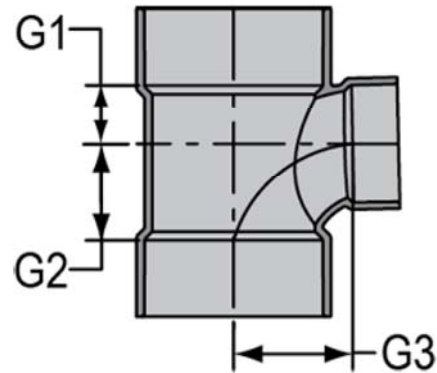


Part Number	Size	G1	G2	G3
P400-015C	1-1/2	1	1- 3/4	1- 3/4
P400-020C	2	1-3/8	2- 5/16	2- 5/16
P400-030C	3	1-13/16	3-1/16	3-1/16
P400-040C	4	2- 1/4	3-7/8	3-7/8
P400-060C	6	3- 1/2	5	5
P400-080C	8	4-1/2	6	6
P400-100C	10	5-1/2	10	10
P400-120C	12	6- 9/16	11	11

P401 Sanitary Tee, Reducing

All Hub

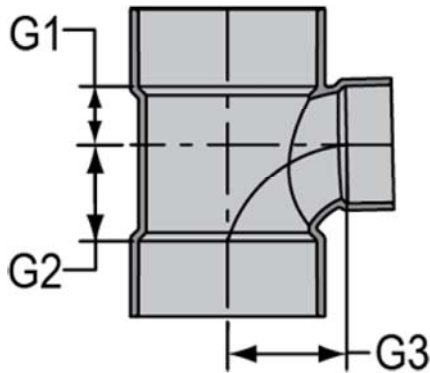
(Continued)



Part Number	Size	G1	G2	G3
P401-578CF	8X2	3-1/2	6-1/4	8-7/16
P401-585CF	8X6	3-7/8	11-3/4	12-7/8
P401-624CF	10X4	4-5/16	9-5/16	12-1/8
P401-626CF	10X6	4-15/16	12-13/16	13-7/8
P401-628CF	10X8	5-1/4	15-3/4	16-3/16
P401-666CF	12X6	4-7/8	12-5/8	14-7/8
P401-668CF	12X8	5	15-1/2	17-1/8

P401 Sanitary Tee, Reducing

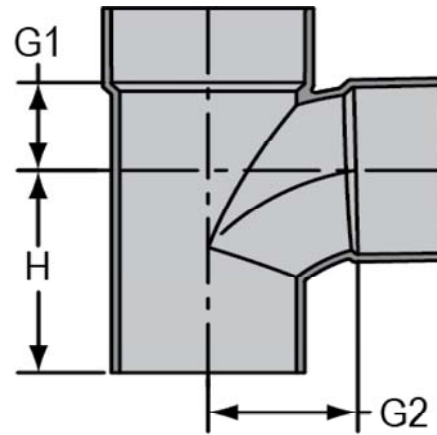
All Hub



Part Number	Size	G1	G2	G3
P401-241C	2X1-1/2X1-1/2	1- 3/16	1-15/16	2- 3/16
P401-251C	2X2X1-1/2	1-3/16	1-15/16	2-3/16
P401-257C	2X1-1/2X2	1- 3/8	2- 5/16	2- 5/16
P401-337C	3X3X1-1/2	15/16	1- 3/4	2- 9/16
P401-338C	3X3X2	1-3/16	2-1/8	2-7/8
P401-419C	4X1-1/2	1-1/16	2	3-1/4
P401-420C	4X4X2	1-1/8	2-1/16	3- 5/16
P401-422C	4X4X3	1-3/4	3	3-9/16
P401-530CF	6X3	3-1/4	7	9-11/16
P401-532C	6X4	2-3/16	3-5/8	4-11/16
P401-582C	8X4	4-1/2	6	8- 7/8

P403 Sanitary Tee, Street

S x H x H

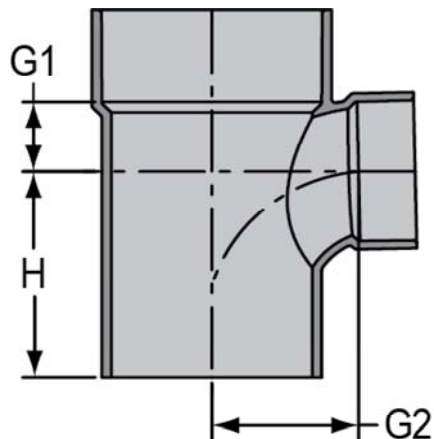


Part Number	Size	G1	G2	H
P403-015C	1-1/2	1	1-3/4	2- 7/16
P403-020C	2	1-3/8	2-5/16	3-3/16
P403-030C	3	1-13/16	3-1/16	4-1/2
P403-040C	4	2- 1/4	3- 7/8	5- 5/8
P403-060C	6	3-1/2	5	7-1/2
P403-080C	8	4- 1/2	6	9-3/8
P403-100C	10	5-5/8	10	14-5/8
P403-120C	12	6-1/2	11	16- 1/4



P404 Sanitary Tee, Street, Reducing

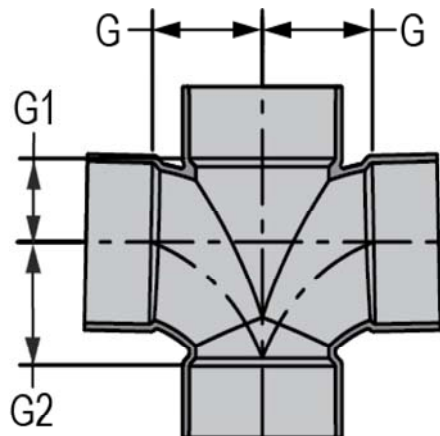
S x H x H



Part Number	Size	G1	G2	H
P404-241C	2X1-1/2X1-1/2	1-3/16	2-3/16	2-11/16
P404-251C	2X1-1/2	1-3/16	2-3/16	2-11/16
P404-337C	3X3X1-1/2	15/16	2-9/16	2-15/16
P404-338C	3X3X2	1-3/16	2-7/8	3- 1/4

P428 Double Sanitary Tee

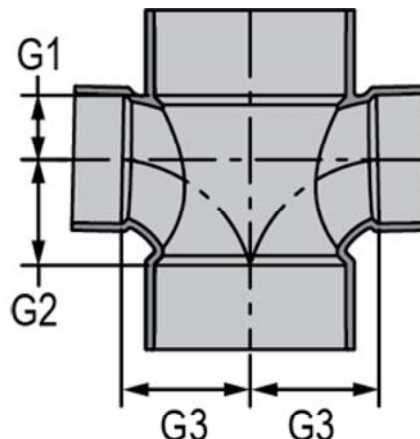
All Hub



Part Number	Size	G	G1	G2
P428-015C	1-1/2	1-3/4	1	1-3/4
P428-020C	2	2-5/16	1-3/8	2-5/16
P428-030C	3	3-1/16	1-13/16	3-1/16
P428-040C	4	3-7/8	2-1/4	3-7/8

P429 Double Sanitary Tee, Reducing

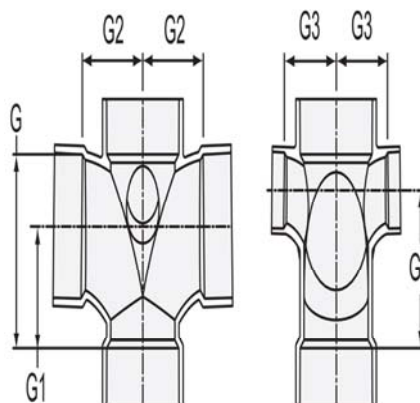
All Hub



Part Number	Size	G1	G2	G3
P429-241C	2X1-1/2X1-1/2X1-1/2	1- 3/16	1- 15/16	2- 3/16
P429-251C	2X2X1-1/2X1-1/2	1- 3/16	1- 15/16	2- 3/16
P429-337C	3X3X1-1/2X1-1/2	15/16	1- 3/4	2-9/16
P429-338C	3X3X2X2	1- 1/8	2- 1/8	2- 7/8
P429-419C	4X4X1-1/2X1-1/2	1- 1/16	2	3-1/4
P429-420C	4X4X2X2	1- 1/8	2- 1/16	3- 5/16
P429-422C	4X4X3X3	1- 3/4	3	3- 9/16
P429-532CF	6X6X4X4	3-5/16	8-7/16	10-3/16

P439 Double Sanitary Tee with R&L Side Inlets

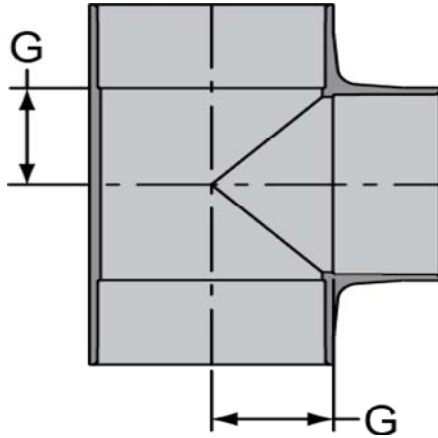
All Hub



Part Number	Size	G	G1	G2	G3	G4
P439-338C	3X3X3X3X2X2	4-7/8	3-1/16	3- 1/16	2-7/8	3-11/16
P439-420C	4X4X4X4X2X2	6-1/8	3-7/8	3-7/8	3-3/16	4-15/16

P441 Vent Tee

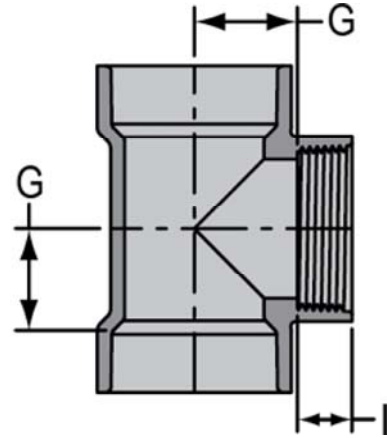
All Hub



Part Number	Size	G
P441-015C	1-1/2	1-3/16
P441-020C	2	1-1/2
P441-030C	3	1-15/16
P441-040C	4	2-1/2
P441-060C	6	3- 5/8
P441-080C	8	4-1/2

P445 Cleanout Tee

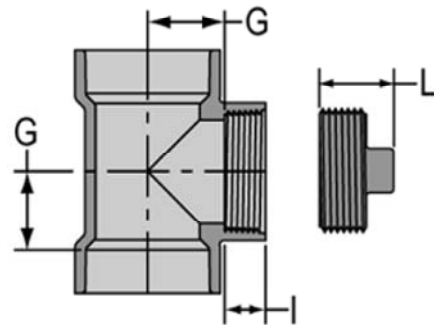
H x H x Fpt



Part Number	Size	G	I
P445-015C	1-1/2	1- 3/16	5/8
P445-020C	2	1-1/2	5/8
P445-030C	3	1- 7/8	3/4
P445-040C	4	2- 1/2	7/8
P445-060C	6	3- 1/2	1

P444X Cleanout Tee w/Plug

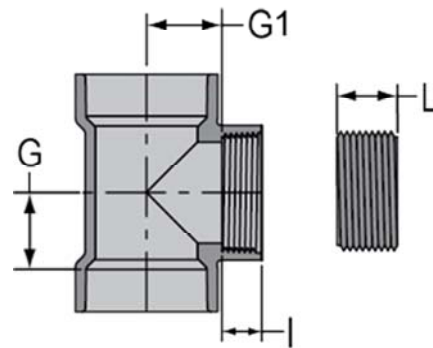
H x H x Fpt



Part Number	Size	G	I	L
P444X-015C	1-1/2	1- 3/16	5/8	1- 3/8
P444X-020C	2	1- 1/2	5/8	1-3/8
P444X-030C	3	1- 7/8	3/4	1-3/4
P444X-040C	4	2- 1/2	7/8	1- 7/8
P444X-060C	6	3-1/2	1	2
P444X-080C	8	4-9/16	1-1/8	2-1/16

P445X Cleanout Tee with Counter Sunk Plug

H x H

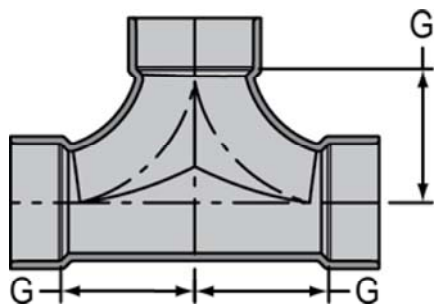


Part Number	Size	G	G1	I	L
P445X-015C	1-1/2	1-3/16	1-3/16	5/8	5/8
P445X-020C	2	1-1/2	1-1/2	5/8	5/8
P445X-030C	3	1- 7/8	1-7/8	3/4	3/4
P445X-040C	4	2- 1/2	2-1/2	7/8	7/8
P445X-060C	6	3- 1/2	3-1/2	1	1
P445X-080CF	8	7-5/16	4-1/4	1	1-1/2
P445X-100CF	10	9	5-3/4	1	1-1/2
P445X-120CF	12	9-1/4	7-9/16	1	1-1/2



P448 2-WAY Cleanout

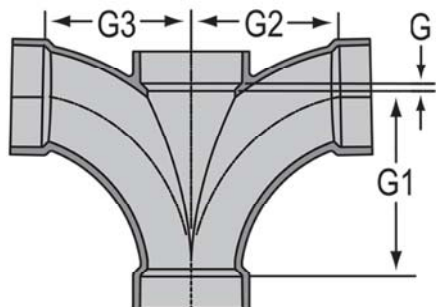
All Hub



Part Number	Size	G
P448-030C	3	4-1/16
P448-040C	4	4-15/16

P500 Double Fixture Fitting

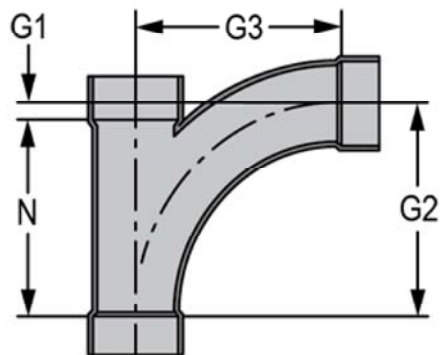
All Hub



Part Number	Size	G	G1	G2	G3
P500-020C	2X2X2X2	3/8	4-1/4	3- 1/2	3- 1/2
P500-030C	3X3X3X3	1/2	6- 1/4	4-15/16	4-15/16
P500-241C	2X1-1/2X1-1/2X1-1/2	3/8	3- 3/8	2- 7/8	2- 7/8
P500-251C	2X2X1-1/2X1-1/2	3/8	3- 1/4	2-7/8	2-7/8
P500-338C	3X2X3X3	1/2	6- 9/32	4- 7/8	4- 7/8

P501 Combo Wye + 1/8 Bend (Long Turn Tee Wye)

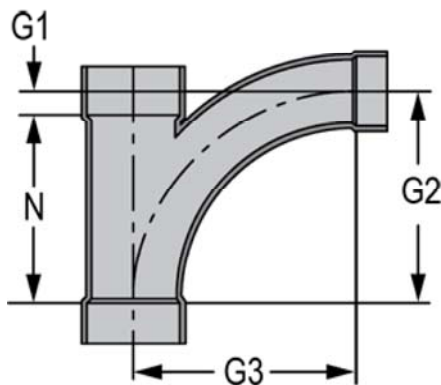
All Hub



Part Number	Size	G1	G2	G3	N
P501-015C	1-1/2	7/16	3-15/16	3-15/16	3-1/2
P501-020C	2	11/16	5-1/8	5-1/8	4-7/16
P501-030C	3	1-1/8	7-9/16	7-9/16	6-1/2
P501-040C	4	1- 1/2	10	10	8- 1/2

P502 Combination Wye + 1/8 Bend Reducing (Long Turn Tee Wye)

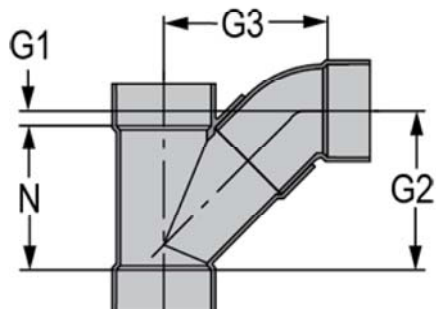
All Hub



Part Number	Size	G1	G2	G3	N
P502-251C	2X2X1-1/2	7/16	3-15/16	4- 3/16	3- 1/2
P502-337C	3X3X1-1/2	7/16	3-15/16	4-13/16	3- 1/2
P502-338C	3X3X2	11/16	5-1/8	5-11/16	4-7/16
P502-420C	4X4X2	5/8	5-1/8	6-1/8	4-1/2
P502-422C	4X4X3	1- 1/16	7-9/16	8-1/16	6-1/2
P502-578C	8X8X2	7/8	8-7/8	10	8

P503 Combination Wye and 1/8 Bend (Two Piece)

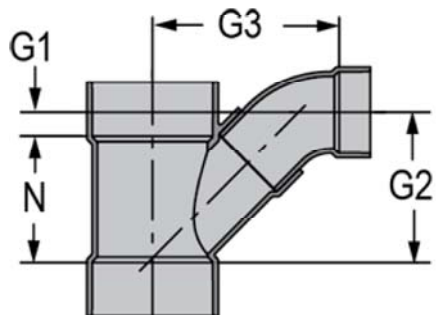
All Hub



Part Number	Size	G1	G2	G3	N
P503-040C	4	7/8	9-3/16	9-1/2	8-1/4
P503-060C	6	1-1/16	11-3/16	11-1/2	10-3/16
P503-080C	8	1-3/16	18-7/8	14-5/8	14-1/16
P503-100C	10	1-1/4	17-3/4	17-7/8	16-1/2
P503-120C	12	1-11/16	21-1/16	20-15/16	19-3/8

P504 Combination Wye and 1/8 Bend, Reducing (Two Piece)

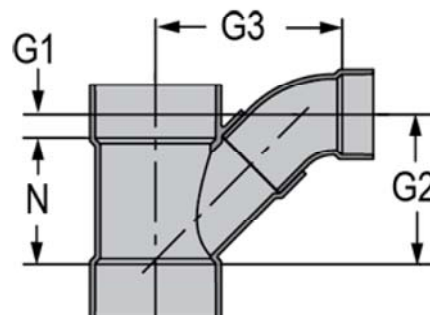
All Hub



Part Number	Size	G1	G2	G3	N
P504-241C	2X1-1/2X1-1/2	1/2	4-1/8	4-7/16	3-9/16
P504-422C	4X4X3	1	7-5/8	8-5/16	6-5/8
P504-528C ¹	6X2	5/8	7-13/16	9-3/32	7-1/8
P504-530C	6X3	5/8	7-3/4	9-5/16	7-1/8
P504-532C	6X4	1-3/8	8-1/4	10-1/4	6-7/8
P504-580C	8X3	1-1/8	8-13/16	10-9/16	8
P504-582C	8X4	1-1/4	9-1/4	11-1/8	8
P504-585C	8X6	1	11-7/16	12-1/2	10-7/16
P504-623C ¹	10X3	1-1/4	12-3/8	14-3/32	10-13/16

P504 Combination Wye and 1/8 Bend, Reducing (Two Piece)

All Hub

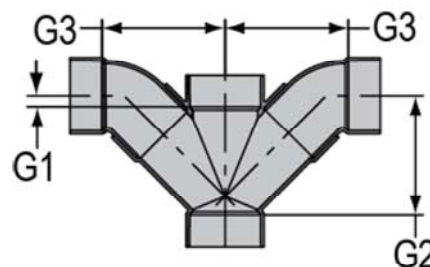


Part Number	Size	G1	G2	G3	N
P504-624C	10X4	1-7/16	12-1/2	14-11/16	10-13/16
P504-626C	10X6	15/16	12	14-1/16	10-13/16
P504-628C	10X8	15/16	14-15/16	15-1/2	13-15/16
P504-663C ¹	12X3	1-9/32	20-11/16	19-3/16	19-3/8
P504-664C	12X4	1-11/16	21	20-1/16	19-3/8
P504-666C	12X6	1-9/16	17-3/4	19-3/4	19-3/8
P504-668C ¹	12X8	1-3/16	20-9/16	19-5/16	19-3/8
P504-670C	12X10	5/8	16-13/16	19-7/16	19-3/8

¹ Sized with Bushing

P507 Double Combination Wye and 1/8 Bend

All Hub



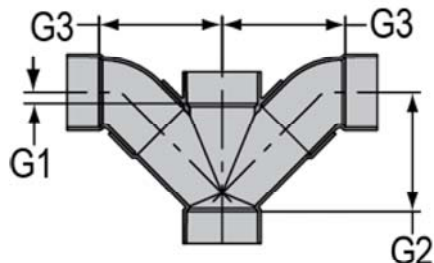
Part Number	Size	G1	G2	G3
P507-020C	2	9/16	5-7/16	5-5/8
P507-030C	3	7/8	7-3/8	7-9/16
P507-040C	4	15/16	9-1/8	9-1/2
P507-060C	6	1-1/16	11-3/16	11-1/2
P507-080CF	8	1/8	19-13/16	16-1/8
P507-251C	2X2X1-1/2X1-1/2	3/8	4-21/32	4-23/32



P507 Double Combination Wye and 1/8 Bend

(Continued)

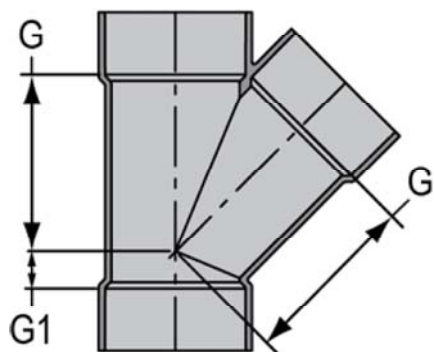
All Hub



Part Number	Size	G1	G2	G3
P507-338C	3X3X2X2	3/4	5-11/16	6-3/8
P507-420C	4X4X2X2	7/8	5-7/8	7-1/32
P507-422C	4X4X3X3	1	7-9/16	8-5/16
P507-530C	6X6X3X3	1- 1/4	8-1/8	9-11/16
P507-532C	6X6X4X4	1-3/8	8-1/4	10-1/4
P507-578CF	8X2	1-5/8	8-1/8	9-1/16
P507-582CF	8X4	3/4	12	12-1/8
P507-585CF	8X6	5/8	15	13-9/16
P507-624CF	10X10X4X4	1-1/4	12-3/8	13-1/8
P507-626CF	10X10X6X6	1-11/16	16-1/16	14-9/16
P507-628CF	10X10X8X8	3/4	20-1/4	17-3/16
P507-668CF	12X12X8X8	1/2	20	18-1/8
P507-670CF	12X12X10X10	9/16	22-15/16	20-3/16

P600 45° Wye

All Hub

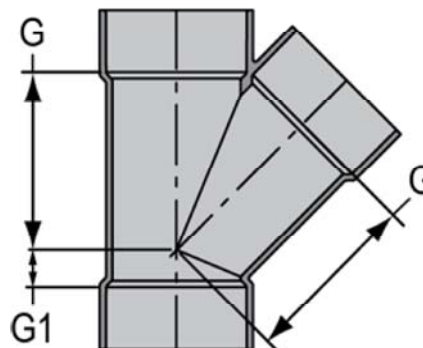


Part Number	Size	G	G1
P600-015C	1-1/2	2-7/8	1- 1/8
P600-020C	2	3- 5/8	1-3/8
P600-030C	3	5	1- 5/8
P600-040C	4	6- 3/8	1- 7/8

P600 45° Wye

All Hub

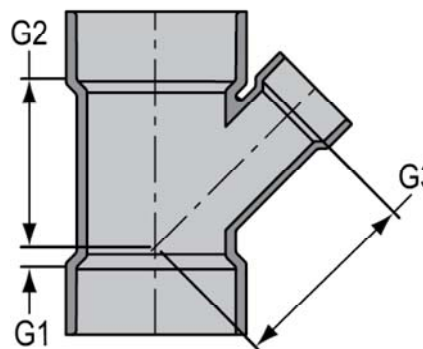
(Continued)



Part Number	Size	G	G1
P600-060C	6	8-7/16	1- 3/4
P600-080C	8	11- 3/4	2- 3/8
P600-100C	10	13- 15/16	2- 1/2
P600-120C	12	16- 1/4	3- 3/32

P601 45° Wye, Reducing

All Hub

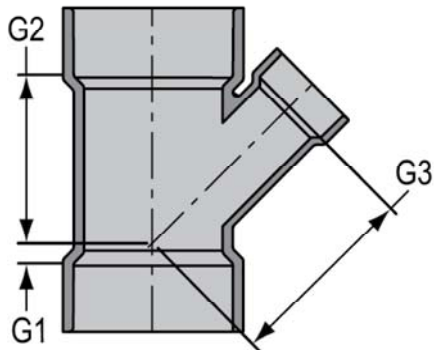


Part Number	Size	G1	G2	G3
P601-241C	2X1-1/2X1-1/2	3/4	2-13/16	2-15/16
P601-251C	2X2X1-1/2	1-1/16	3-5/16	3-17/32
P601-257C	2X1-1/2X2	1	3-1/2	3-3/8
P601-337C	3X3X1-1/2	1/2	3-3/4	4- 5/16
P601-338C	3X3X2	7/8	4-1/8	4-5/8
P601-419C	4X4X1-1/2	0	3- 3/4	4-1/2
P601-420C	4X4X2	3/8	4-11/16	5- 9/16
P601-422C	4X4X3	1-1/16	5-9/16	6
P601-528C ¹	6X6X2	3/8	6- 3/4	8- 3/8
P601-530C	6X6X3	1/4	6-15/16	7-3/8
P601-532C	6X6X4	1/4	6- 11/16	7- 7/16
P601-580C	8X8X3	7/16	9- 1/8	7-5/8
P601-582C	8X8X4	3/8	7-5/8	8-5/8
P601-585C	8X8X6	1	9- 1/2	9-13/16
P601-621C ¹	10X10X2	3/16	11	14-1/8

P601 45° Wye, Reducing

(Continued)

All Hub

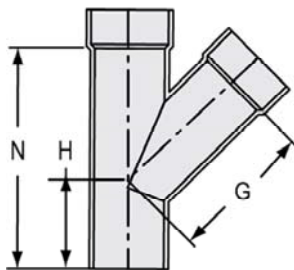


Part Number	Size	G1	G2	G3
P601-623C ¹	10X10X3	3/16	10-31/32	14-3/16
P601-624C ¹	10X10X4	3/16	11	13-11/16
P601-626C	10X10X6	3/16	11	12
P601-628C	10X10X8	1- 7/16	12- 1/2	13
P601-661C ¹	12X12X2	3-3/16	16- 3/16	22-1/2
P601-663C ¹	12X12X3	3-3/16	16- 3/16	21-13/16
P601-664C ¹	12X12X4	3-3/16	16- 3/16	21-5/16
P601-666C ¹	12X12X6	3-3/16	16- 3/16	20-1/16
P601-668C ¹	12X12X8	3-3/16	16-3/16	19
P601-670C ¹	12X10	3-3/16	16- 3/16	17-1/2

¹ Sized with Bushing

P602 45° Wye, Street

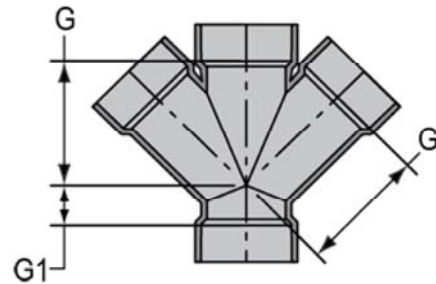
S x H x H



Part Number	Size	G	H	N
P602-030C	3	5	3	8
P602-040C	4	6-3/8	3-5/8	9 15/16

P611 Double Wye

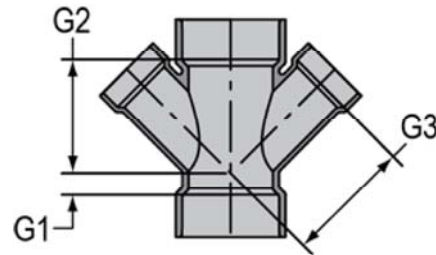
All Hub



Part Number	Size	G	G1
P611-015C	1-1/2	2- 7/8	1- 1/8
P611-020C	2	3- 5/8	1- 3/8
P611-030C	3	5	1- 5/8
P611-040C	4	6-3/8	1-7/8
P611-060C	6	8- 7/16	1-3/4
P611-080CF	8	14-5/16	5-5/8
P611-100CF	10	17-1/4	6-9/16
P611-120CF	12	20-1/16	7-5/16

P612 Double Wye, Reducing

All Hub



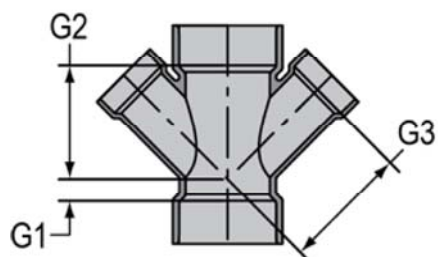
Part Number	Size	G1	G2	G3
P612-241C	2X1-1/2X1-1/2X1-1/2	1-1/16	3-5/16	3-7/16
P612-251C	2X2X1-1/2X1-1/2	1- 1/16	3- 5/16	3- 7/16
P612-337C	3X3X1-1/2X1-1/2	1/2	3- 3/4	4- 5/16
P612-338C	3X3X2X2	7/8	4- 1/16	4- 5/8
P612-420C	4X4X2X2	3/8	4- 11/16	5-9/16
P612-422C	4X4X3X3	1- 1/16	5- 9/16	6
P612-530C ¹	6X6X3X3	3/16	6-11/16	7-15/16
P612-532C	6X6X4X4	3/16	6-11/16	7- 7/16
P612-580CF	8X8X3X3	1-5/16	9-15/16	10-7/8
P612-582CF	8X8X4X4	2-1/16	10-11/16	11-7/8
P612-585CF	8X8X6X6	3-1/2	12-1/8	12-13/16



P612 Double Wye, Reducing

(Continued)

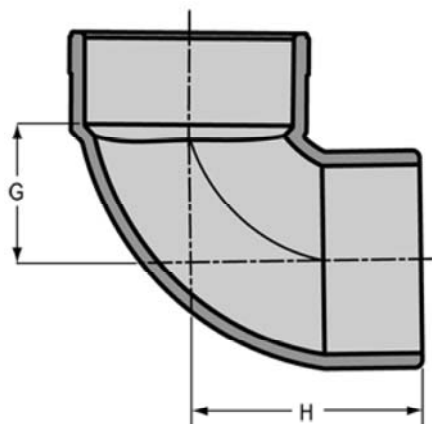
All Hub



Part Number	Size	G1	G2	G3
P612-624CF	10X10X4X4	1-7/16	12-3/16	13-5/16
P612-628CF	10X10X8X8	5-1/8	15-7/8	15-11/16
P612-664CF	12X12X4X4	3/8	13-1/8	14-11/16

P335 Trap Elbow (for use with Traps only)

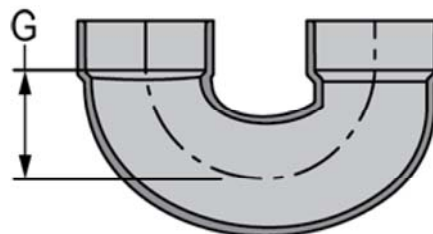
H x S



Part Number	Size	G	H
P335-030C	3	2-1/4	3-7/8
P335-040C	4	2-13/16	4-1/2

P700 Return Bend

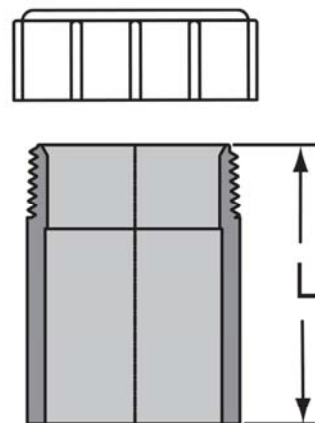
H x H



Part Number	Size	G
P700-015C	1-1/2	1-7/16
P700-020C	2	2- 3/8
P700-030C	3	3
P700-040C	4	3- 3/4
P700-060C	6	5
P700-080C	8	6
P700-100C	10	9-13/16
P700-120C	12	10-3/4

P704P Tail Piece Adapter

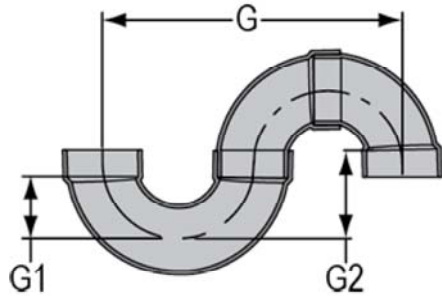
Spig x Slip w/Plastic Nut



Part Number	Size	L
P704P-015C	1-1/2	2- 1/2

P705 S-Trap

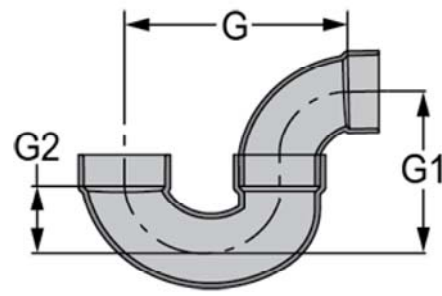
H x H



Part Number	Size	G	G1	G2
P705-015C	1-1/2	7- 1/4	1- 7/16	2- 1/4
P705-020C	2	10- 1/2	2- 3/8	3-1/4
P705-030C	3	14- 3/8	3	4- 1/2
P705-040C	4	17-3/4	3- 3/4	5- 9/16

P706X P-Trap

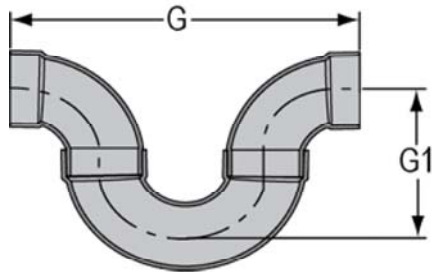
H x H



Part Number	Size	G	G1	G2
P706X-015C	1-1/2	4-3/8	3-5/8	1-7/16
P706X-020C	2	6- 1/2	4-5/8	2-3/8
P706X-030C	3	8-7/8	6-7/8	3
P706X-040C	4	11	8- 3/16	3-3/4
P706X-060C	6	18-3/8	13- 1/4	5
P706X-080C	8	22-9/16	16- 1/2	6
P706X-100C	10	35-5/16	25- 1/4	9-13/16
P706X-120C	12	39-1/4	28- 1/8	10- 7/8

P705R Running Trap

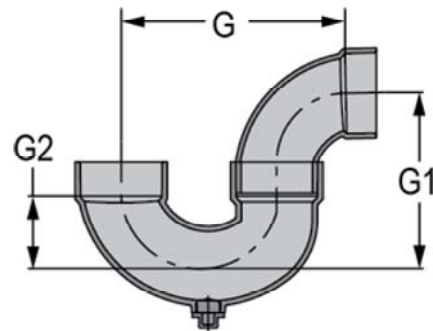
H x H



Part Number	Size	G	G1
P705R-015C	1-1/2	7- 7/8	3- 13/16
P705R-020C	2	11	5- 9/16
P705R-030C	3	15- 7/8	7-9/16
P705R-040C	4	19- 1/2	9- 5/16

P707X P-Trap w/Cleanout

H x H

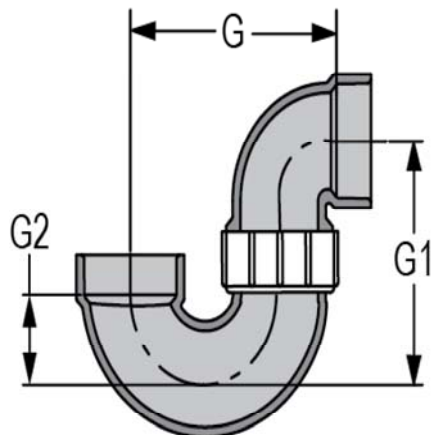


Part Number	Size	G	G1	G2
P707X-015C	1-1/2	4- 3/16	3-13/16	1- 3/8



P708P P-Trap w/Plastic Nut (Union Connection)

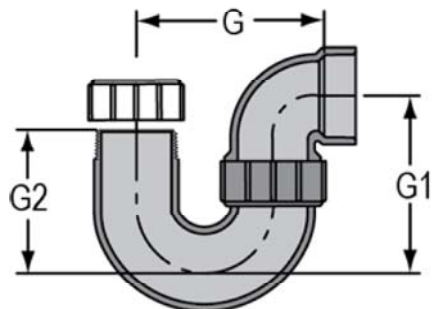
H x H



Part Number	Size	G	G1	G2
P708P-015C	1-1/2	4-1/2	3- 3/4	1-7/16
P708P-020C	2	6- 7/16	4- 3/8	2-5/16

P711P L.A Pattern P-Trap w/Plastic Nut

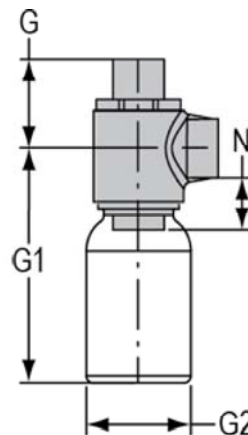
(Union Connection w/Slip Joint) Slip x H w/Plastic Nut



Part Number	Size	G	G1	G2
P711P-015C	1-1/2	4-1/4	3- 7/8	3- 3/44

P712 Jar Trap

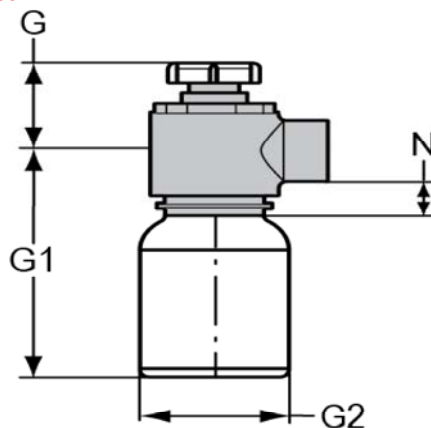
Spig x H
32 oz. PP Jar



Part Number	Size	G	G1	G2	N
P712-015C	1-1/2	3- 3/16	8- 1/4	3-29/32	1- 7/8

P712P Jar Trap w/Tail Piece Adapter

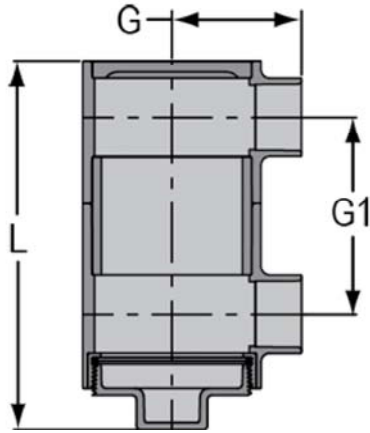
Slip x H
32 oz. PP Jar



Part Number	Size	G	G1	G2	N
P712P-015C	1-1/2	3- 3/8	8- 1/4	3- 7/8	1- 3/4

P720 Drum Trap

H x H

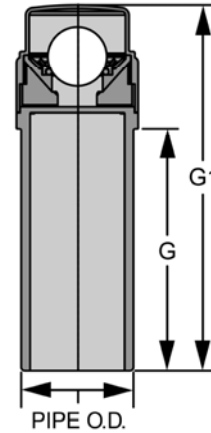


Part Number	Size	G	G1	L
P720-015C	1-1/2	3- 5/8	5-11/16	10- 5/8
P720-020C	2	3- 7/8	5	10- 3/8
P720-030C	3	4- 1/2	6- 3/4	13- 7/16
P720-040C	4	4- 3/8	8- 1/4	15-11/16

LabWaste® Air Admittance Valve

Spigot

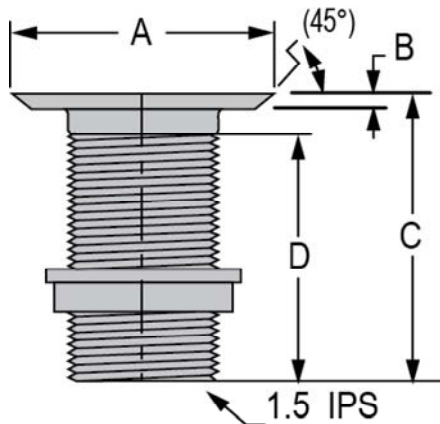
Maximum 6 DFU (Drainage Fixture Units)



Part Number	Size	G	G1
AAV-015C	1-1/2	4- 1/8	6- 1/4

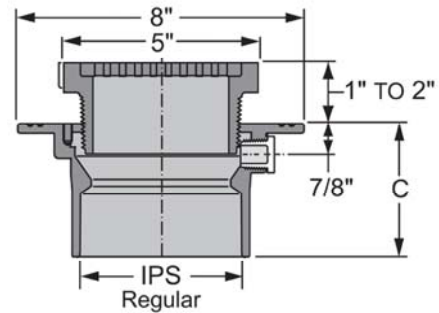
Waste Assembly

Sink Outlet



Part Number	Size	A	B	C	D
LWWA-1	1-1/2	2- 7/16	9/32	4- 9/32	3-27/32

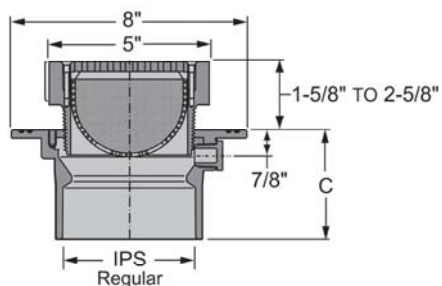
LW1500 Floor Drain with CPVC Adjustable Top w/5" Round Grate



Part Number	Size	C	IPS
LW1500-015C	1-1/2X5	4- 3/16	1- 1/2
LW1500-020C	2X5	4	2
LW1500-030C	3X5	4	3
LW1500-040C	4X5	3- 3/4	4

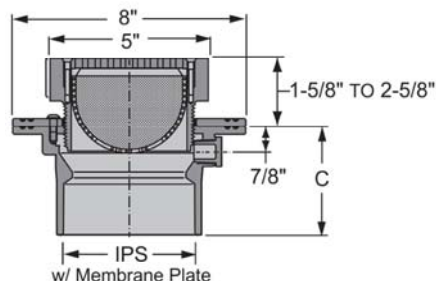


**LW1520 Floor Drain with
CPVC Adjustable Top w/5"
Round Grate & Strainer**



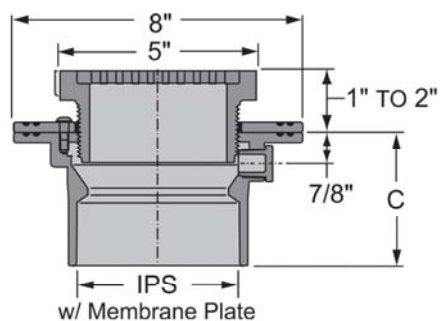
Part Number	Size	C	IPS
LW1520-015C	1-1/2X5	4- 3/16	1- 1/2
LW1520-020C	2X5	4	2
LW1520-030C	3X5	4	3
LW1520-040C	4X5	3- 3/4	4

**LW152M Floor Drain with
CPVC Adjustable Top w/5"
Round Grate, Strainer &
Membrane Collar**



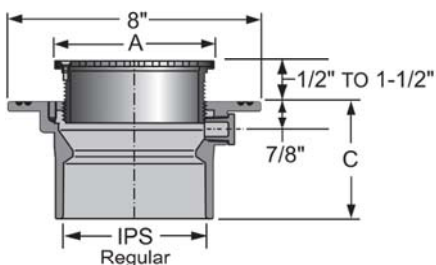
Part Number	Size	C	IPS
LW152M-015C	1-1/2X5	4- 3/16	1- 1/2
LW152M-020C	2X5	4	2
LW152M-030C	3X5	4	3
LW152M-040C	4X5	3- 3/4	4

**LW150M Floor Drain with
CPVC Adjustable Top w/5"
Round Grate & Membrane
Collar**



Part Number	Size	C	IPS
LW150M-015C	1-1/2X5	4- 3/16	1- 1/2
LW150M-020C	2X5	4	2
LW150M-030C	3X5	4	3
LW150M-040C	4X5	3- 3/4	4

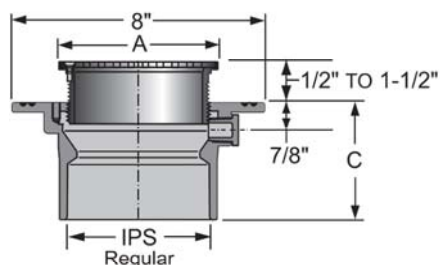
**Floor Drain with Stainless
Steel Adjustable Top
w/Round Grate**



Part Number	Size	A, Nom	C	IPS
LW1500-015S	1-1/2X5	5	4- 3/16	1- 1/2
LW1600-015S	1-1/2X6	6	4- 3/16	1- 1/2
LW1700-015S	1-1/2X7	7	4- 3/16	1- 1/2
LW1800-015S	1-1/2X8	8	4- 3/16	1- 1/2
LW1500-020S	2X5	5	4	2
LW1600-020S	2X6	6	4	2
LW1700-020S	2X7	7	4	2
LW1800-020S	2X8	8	4	2
LW1500-030S	3X5	5	4	3
LW1600-030S	3X6	6	4	3

Floor Drain with Stainless Steel Adjustable Top w/Round Grate

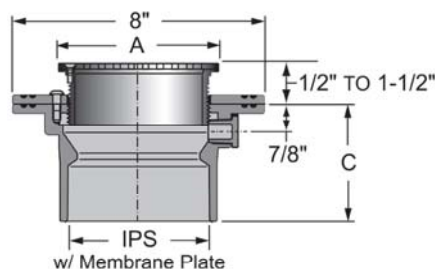
(Continued)



Part Number	Size	A, Nom	C	IPS
LW1700-030S	3X7	7	4	3
LW1800-030S	3X8	8	4	3
LW1500-040S	4X5	5	3- 3/4	4
LW1600-040S	4X6	6	3- 3/4	4
LW1700-040S	4X7	7	3- 3/4	4
LW1800-040S	4X8	8	3- 3/4	4

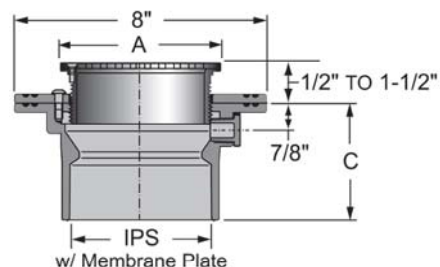
Floor Drain with Stainless Steel Adjustable Top w/Round Grate & Membrane Collar

(Continued)



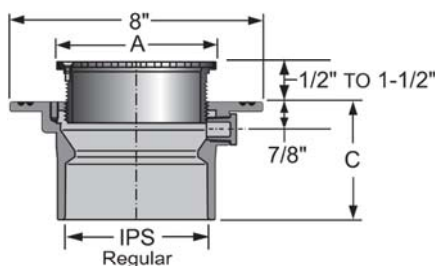
Part Number	Size	A, Nom	C	IPS
LW160M-030S	3X6	6	4	3
LW170M-030S	3X7	7	4	3
LW180M-030S	3X8	8	4	3
LW150M-040S	4X5	5	3- 3/4	4
LW160M-040S	4X6	6	3-3/4	4
LW170M-040S	4X7	7	3-3/4	4
LW180M-040S	4X8	8	3-3/4	4

Floor Drain with Stainless Steel Adjustable Top w/Round Grate & Membrane Collar



Part Number	Size	A, Nom	C	IPS
LW150M-015S	1-1/2X5	5	4- 3/16	1- 1/2
LW160M-015S	1-1/2X6	6	4-3/16	1-1/2
LW170M-015S	1-1/2X7	7	4-3/16	1- 1/2
LW180M-015S	1-1/2X8	8	4-3/16	1- 1/2
LW150M-020S	2X5	5	4	2
LW160M-020S	2X6	6	4	2
LW170M-020S	2X7	7	4	2
LW180M-020S	2X8	8	4	2
LW150M-030S	3X5	5	4	3

LW1510 Floor Cleanout w/Stainless Steel Adjustable Round Top & Solid Access Cover

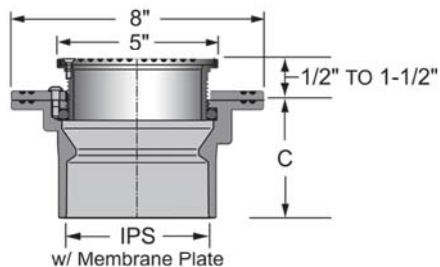


Part Number	Size	C	IPS
LW1510-015S	1-1/2X5	4- 3/16	1- 1/2
LW1510-020S	2X5	4	2
LW1510-030S	3X5	4	3
LW1510-040S	4X5	3- 3/4	4



LabWaste® Technical
Product Dimensions

**LW151M Floor Cleanout
w/Stainless Steel Adjustable
Round Top, Solid Access
Cover & Membrane Collar**



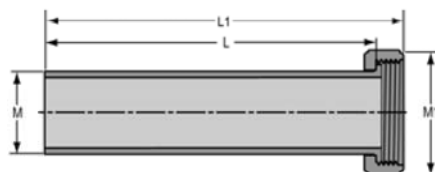
Part Number	Size	C	IPS
LW151M-015S	1-1/2X5	4- 3/16	1- 1/2
LW151M-020S	2X5	4	2
LW151M-030S	3X5	4	3
LW151M-040S	4X5	3- 3/4	4

LWTP CPVC Tail Piece



Part Number	Size	L	M	M1
LWTP-015060	1-1/2X6	6	1-1/2	1-3/4
LWTP-015120	1-1/2X12	12	1-1/2	1-3/4
LWTP-015140	1-1/2X14	14	1-1/2	1-3/4

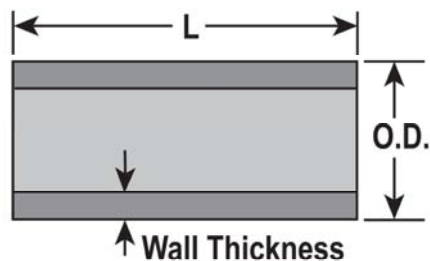
**LWTPN CPVC Tail Piece with
Nut**



Part Number	Size	L	L1	M	M1
LWTPN-015060	1-1/2X6	6	6-1/2	1-1/2	2-1/4
LWTPN-015120	1-1/2X12	12	12-1/2	1-1/2	2-1/4
LWTPN-015140	1-1/2X14	14	14-1/2	1-1/2	2-1/4

Pipe - LabWaste® CPVC

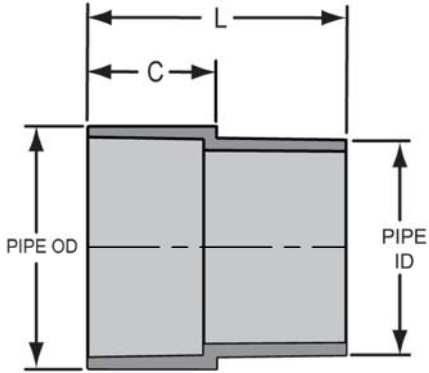
10' Lengths



Part Number	Size	L	AVG.O.D.	Minimum Wall
LW-015	1-1/2	10	1.900	.145
LW-020	2	10	2.375	.154
LW-030	3	10	3.500	.216
LW-040	4	10	4.500	.237
LW-060	6	10	6.625	.280
LW-080	8	10	8.625	.322
LW-100	10	10	10.750	.365
LW-120	12	10	12.750	.406
LW-140	14	10	14	.437
LW-160	16	10	16	.500
LW-180	18	10	18	.562
LW-200	20	10	20	.593
LW-240	24	10	24	.687



Pipe Extenders, LabWaste®



Part Number	Size	C	L
S0301-15C	1-1/2	1-1/4	2-1/2
S0301-20C	2	1-1/4	2-7/8
S0301-30C	3	2	4
S0301-40C	4	2-1/8	4-1/4