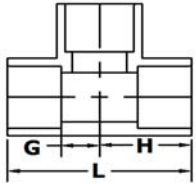


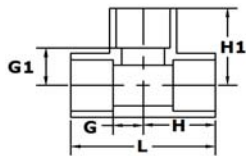
SCH 40 - PVC

Pressure Fittings

SCHEDULE 40 PVC



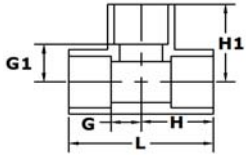
Tee				
Part No	Size (in)	L	H	G
401-003	3/8	2 5/16	1 3/16	3/8
401-005	1/2	2 1/2	1 1/4	1/2
401-007	3/4	2 3/4	1 3/8	9/16
401-010	1	3 6/16	1 11/16	11/16
401-012	1 1/4	4 1/4	2 1/8	7/8
401-015	1 1/2	4 5/8	2 5/16	1
401-020	2	5 1/4	2 5/8	1 1/4
401-025	2 1/2	7	3 1/2	1 1/2
401-030	3	7 5/8	3 13/16	1 13/16
401-040	4	8 11/16	4 5/16	2 5/16
401-050	5	12 1/16	6	3
401-060	6	14 1/16	7 1/16	3 1/2
401-080	8	18	9	4 1/2
401-100	10	21 13/16	10 15/16	5 7/8
401-120	12	26 1/8	13 1/16	7



Reducer Tee						
Part No	Size (in)	L	H	H1	G	G1
401-101	3/4 x 1/2	2 5/8	1 5/16	1 3/8	1/2	5/8
401-130	1 x 1/2	3	1 1/2	1 1/2	1/2	11/16
401-131	1 x 3/4	3 1/8	1 9/16	1 1/2	9/16	11/16
401-166	1 1/4 x 1/2	3 1/2	1 3/4	1 5/8	1 1/4	7/8
401-167	1 1/4 x 3/4	3 11/16	1 7/8	1 11/16	9/16	7/8
401-168	1 1/4 x 1 1/4 x 1	3 7/8	1 15/16	1 7/8	11/16	7/8
401-209	1 1/2 x 1/2	3 11/16	1 13/16	1 13/16	1/2	1
401-210	1 1/2 x 3/4	3 13/16	1 15/16	1 13/16	5/8	1
401-211	1 1/2 x 1	4	2	2	11/16	1
401-212	1 1/2 x 1 1/4	4 3/8	2 3/16	2 1/4	7/8	1 1/16
401-247	2 x 1/2	3 13/16	1 7/8	2	1/2	1 1/4
401-248	2 x 3/4	3 15/16	2	2	9/16	1 1/4
401-249	2 x 1	4 3/16	2 1/16	2 1/4	11/16	1 1/4
401-250	2 x 1 1/4	4 1/2	2 1/4	2 1/2	7/8	1 1/4
401-251	2 x 1 1/2	4 3/4	2 3/8	2 9/16	1	1 1/4
401-287	2 1/2 x 1/2	5 1/16	2 1/2	2 3/16	1/2	1 1/2
401-288	2 1/2 x 3/4	4 15/16	2 7/16	2 5/16	9/16	1 1/2
401-289	2 1/2 x 1	5 3/16	2 9/16	2 5/8	11/16	1 1/2
401-290	2 1/2 x 1 1/4	5 3/4	2 7/8	2 3/4	7/8	1 1/2
401-291	2 1/2 x 1 1/2	6 5/16	3 1/8	2 3/4	1	1 1/2
401-292	2 1/2 x 2	6 1/4	3 1/8	2 7/8	1 1/4	1 1/2
401-333	3 x 1/2	5 1/16	2 1/2	2 9/16	1/2	1 13/16

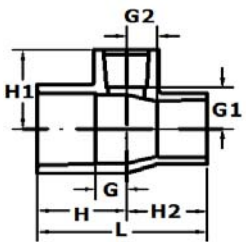
Reducer Tee (con't.)

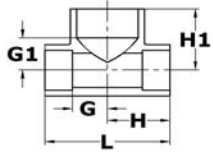
Part No	Size (in)	L	H	H1	G	G1
401-334	3 x ¾	5 2/16	2 9/16	2 9/16	9/16	1 13/16
401-335	3 x 1	5 3/8	2 11/16	2 7/8	11/16	1 13/16
401-336	3 x 1¼	5 3/4	2 7/8	3 1/16	7/8	1 13/16
401-337	3 x 1½	6 1/16	3	3 3/16	1	1 13/16
401-338	3 x 2	6 1/2	3 1/4	3 3/16	1 1/4	1 13/16
401-339	3 x 2½	7 5/8	3 13/16	4 1/4	1 13/16	2 1/4
401-416	4 x ¾	5 3/16	2 9/16	3	9/16	2 5/16
401-417	4 x 1	5 7/16	2 3/4	3 5/16	11/16	2 5/16
401-418	4 x 4 x 1¼	5 3/4	2 7/8	3 9/16	7/8	2 5/16
401-419	4 x 4 x 1½	6 1/16	3	3 5/8	1	2 5/16
401-420	4 x 4 x 2	6 9/16	3 1/4	3 11/16	1 1/4	2 5/16
401-422	4 x 4 x 3	7 11/16	3 13/16	4 3/8	1 13/16	2 5/16
401-486	5 x 5 x 2	8 1/2	4 1/4	4 3/8	1 1/4	3
401-488	5 x 5 x 3	9 5/8	4 13/16	5	1 13/16	3
401-490	5 x 5 x 4	10 5/8	5 5/16	5	2 5/16	3
401-528	6 x 6 x 2	9 9/16	4 3/4	4 15/16	1 1/4	3 1/2
401-530	6 x 6 x 3	10 11/16	5 3/8	5 9/16	1 13/16	3 9/16
401-532	6 x 6 x 4	11 3/4	5 7/8	5 9/16	2 3/8	3 1/2
401-582	8 x 8 x 4	13 5/8	6 13/16	6 15/16	2 5/16	4 7/8
401-585	8 x 8 x 6	16	8	8 1/16	3 1/2	4 1/2
401-624	10 x 10 x 4	21	10 1/2	7 15/16	5 7/16	5 15/16
401-626	10 x 10 x 6	21	10 1/2	8 15/16	5 7/16	5 15/16
401-628	10 x 10 x 8	21	10 1/2	9 7/8	5 7/16	5 7/8
401-664	12 x 12 x 4	23	11 1/2	9	5 7/16	6 15/16
401-666	12 x 12 x 6	23	11 1/2	10	5 7/16	6 15/16
401-668	12 x 12 x 8	23	11 1/2	11	5 7/16	7
401-670	12 x 12 x 10	26 1/8	13 1/16	13 1/2	7	8 7/16



Reducer Tee-Irregular Shape

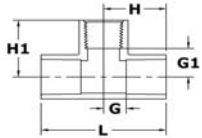
Part No	Size (in)	L	H	H1	H2	G	G1	G2
401-094	¾ x ½	2 9/16	1 5/16	1 5/16	1 5/16	1/2	9/16	9/16
401-095	¾ x ½ x ¾	2 9/16	1 5/16	1 5/16	1 1/4	9/16	9/16	9/16
401-122	1 x ½ x 1	3 1/16	1 11/16	1 11/16	1 3/8	11/16	3/4	11/16
401-124	1 x ¾ x ½	2 13/16	1 1/2	1 3/8	1 5/16	1/2	11/16	1/2
401-125	1 x ¾	2 15/16	1 9/16	1 7/16	1 3/8	9/16	11/16	9/16
401-126	1 x ¾ x 1	3 3/16	1 11/16	1 11/16	1 1/2	3/4	11/16	11/16
401-156	1¼ x 1 x ½	3 7/8	2 1/16	1 9/16	1 13/16	7/8	13/16	11/16
401-157	1¼ x 1 x ¾	3 7/8	2 1/16	1 5/8	1 13/16	7/8	7/8	11/16
401-158	1¼ x 1 x 1	3 15/16	2 1/8	2	1 3/4	7/8	7/8	11/16
401-199	1½ x 1¼ x ½	4 5/16	2 1/4	1 3/4	2 1/16	1	15/16	13/16
401-201	1½ x 1¼ x ¾	4 7/16	2 5/16	1 13/16	2 1/8	1	1	7/8
401-202	1½ x 1¼ x 1	4 5/16	2 1/4	2 1/8	2 1/16	1	1	7/8
401-238	2 x 1½ x ¾	3 7/8	2	2 1/16	1 15/16	9/16	1 1/4	9/16
401-239	2 x 1½ x 1	4 7/8	2 5/8	2 1/4	2 1/4	1 1/4	1 3/16	1
401-241	2 x 1½ x 1½	4 11/16	2 3/8	2 9/16	2 5/16	1	1 1/4	1





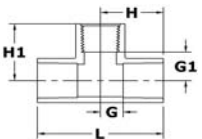
Bullhead Tee

Part No	Size (in)	L	H	H1	G	G1
401-074	½ x ¾	2 3/4	1 3/8	1 1/4	9/16	1/2
401-102	¾ x 1	3	1 1/2	1 9/16	11/16	9/16
401-132	1 x 1¼	3 3/4	1 7/8	1 15/16	7/8	11/16
401-133	1 x 1½	4	2	2	1	11/16
401-213	1½ x 2	5 1/8	2 9/16	2 3/8	1 1/4	1
401-341	3 x 4	8 11/16	4 3/8	3 13/16	2 5/16	1 13/16



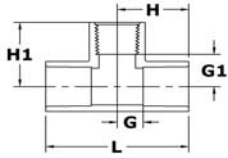
Tee

Part No	Size (in)	L	H	H1	G	G1
402-005	½	2 9/16	1 1/4	1 1/4	1/2	1/2
402-007	¾	2 3/4	1 3/8	1 3/8	9/16	9/16
402-010	1	3 3/8	1 11/16	1 11/16	11/16	11/16
402-012	1¼	4 1/4	2 1/8	2 1/8	7/8	1 3/16
402-015	1½	4 5/8	2 5/16	2 5/16	1	1 7/16
402-020	2	5 1/4	2 5/8	2 3/16	1 1/4	1 1/4
402-030	3	7 5/8	3 13/16	3 3/16	1 13/16	1 3/4
402-040	4	8 5/8	4 5/16	4	2 5/16	2 5/16



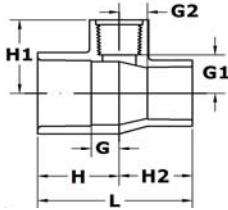
Reducing Tee

Part No	Size (in)	L	H	H1	G	G1
402-071	½ x ½ x ½	2 1/16	1	15/16	1/4	1/2
402-072	½ x ½ x ¼	2 7/16	1 3/16	1 1/16	1/2	1/2
402-101	¾ x ¾ x ½	2 9/16	1 5/16	1 5/16	1/2	9/16
402-130	1 x 1 x ½	3	1 1/2	1 7/16	1/2	3/4
402-131	1 x 1 x ¾	3 1/8	1 9/16	1 1/2	9/16	3/4
402-166	1¼ x 1¼ x ½	3 1/2	1 3/4	1 5/8	1/2	7/8
402-167	1¼ x 1¼ x ¾	3 11/16	1 13/16	1 5/8	9/16	15/16
402-168	1¼ x 1¼ x 1	3 7/8	1 15/16	1 7/8	11/16	1
402-209	1½ x 1½ x ½	3 5/8	1 13/16	1 3/4	1/2	1
402-210	1½ x 1½ x ¾	3 13/16	1 7/8	1 13/16	9/16	1 1/8
402-211	1½ x 1½ x 1	4	2	2	11/16	1
402-212	1½ x 1½ x 1¼	4 3/8	2 3/16	2 1/4	7/8	1
402-247	2 x 2 x ½	3 13/16	1 7/8	2	1/2	1 1/4
402-248	2 x ¾	3 15/16	2	2 1/16	9/16	1 1/4
402-249	2 x 2 x 1	4 3/16	2 1/16	2 1/4	11/16	1 1/4
402-250	2 x 2 x 1¼	4 1/2	2 1/4	2 1/2	7/8	1 9/16
402-251	2 x 2 x 1½	4 3/4	2 3/8	2 9/16	1	1 5/8
402-287	2½ x ½	5 1/16	2 1/2	2 1/4	1/2	1 9/16
402-288	2½ x 2½ x ¾	5 1/4	2 5/8	2 5/16	9/16	1 1/2
402-289	2½ x 2½ x 1	5 3/16	2 5/8	2 1/2	11/16	1 1/2
402-290	2½ x 2½ x 1¼	5 13/16	2 7/8	2 1/2	7/8	1 1/2
402-291	2½ x 2½ x 1½	6 1/16	3	2 1/2	1	1 1/2
402-292	2½ x 2½ x 2	6 1/2	3 1/4	2 7/8	1 1/4	1 13/16
402-333	3 x 3 x ½	5 1/16	2 1/2	2 9/16	1/2	1 3/4



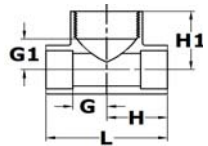
Reducing Tee (con't)

Part No	Size (in)	L	H	H1	G	G1
402-334	3 x 3 x 3/4	5 3/16	2 5/8	2 9/16	9/16	1 13/16
402-335	3 x 3 x 1	5 7/16	2 11/16	2 3/4	11/16	1 13/16
402-336	3 x 3 x 1 1/4	5 3/4	2 7/8	2 13/16	7/8	1 13/16
402-337	3 x 3 x 1 1/2	6	3	2 13/16	1	1 7/8
402-338	3 x 3 x 2	6 9/16	3 1/4	2 7/8	1 1/4	1 13/16
402-416	4 x 4 x 3/4	5 3/16	2 9/16	3 1/8	9/16	2 5/16
402-417	4 x 4 x 1	5 7/16	2 11/16	3 5/16	11/16	2 5/16
402-418	4 x 4 x 1 1/4	5 13/16	2 7/8	3 5/16	7/8	2 1/4
402-419	4 x 4 x 1 1/2	6 1/16	3	3 11/16	1	2 5/16
402-420	4 x 4 x 2	6 1/2	3 1/4	3 3/8	1 1/4	2 1/4
402-422	4 x 4 x 3	7 5/8	3 13/16	4 5/8	1 13/16	3
402-490	5 x 5 x 4	10 11/16	5 5/16	5 1/16	2 5/16	3 5/16
402-528	6 x 6 x 2	9 9/16	4 13/16	4 11/16	1 1/4	3 1/4
402-530	6 x 6 x 3	10 11/16	5 5/16	5 1/2	2 5/16	3 1/2
402-532	6 x 6 x 4	11 11/16	5 13/16	5 1/2	2 5/16	3 1/2



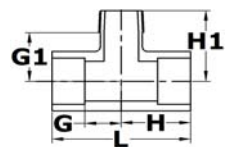
Reducing Tee-Irregular

Part No	Size (in)	L	H	H1	H2	G	G1	G2
402-094	3/4 x 1/2 x 1/2	2 1/2	1 1/4	1 5/16	1 5/16	1/2	9/16	1/2
402-095	3/4 x 1/2 x 3/4	2 3/4	1 3/8	1 3/8	1 3/8	9/16	9/16	5/8
402-124	1 x 3/4 x 1/2	2 13/16	1 1/2	1 1/2	1 5/16	1/2	11/16	1/2
402-125	1 x 3/4 x 3/4	2 15/16	1 9/16	1 1/2	1 3/8	9/16	11/16	5/8
402-156	1 1/4 x 1 x 1/2	3 7/8	2 1/16	1 9/16	1 3/4	7/8	7/8	5/8
402-157	1 1/4 x 1 x 3/4	3 7/8	2 1/16	1 5/8	1 3/4	7/8	15/16	11/16
402-199	1 1/2 x 1 1/4 x 1/2	4 5/16	2 1/4	1 11/16	2 1/16	1	15/16	7/8
402-202	1 1/2 x 1 1/4 x 1	4 5/16	2 1/4	2	2 1/16	15/16	1	7/8
402-239	2 x 1 1/2 x 1	4 7/8	2 9/16	2 1/4	2 1/4	1 1/4	1 3/8	1



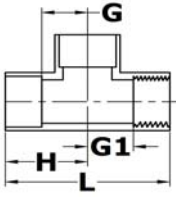
Bullhead Tee

Part No	Size (in)	L	H	H1	G	G1
402-074	1/2 x 3/4	2 3/4	1 3/8	1 5/16	9/16	1/2



Manifold Tee

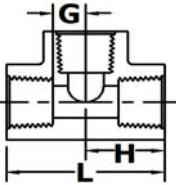
Part No	Size (in)	L	H	H1	G	G1
402B-010	1	3 5/16	1 5/8	1 13/16	11/16	1



Tee

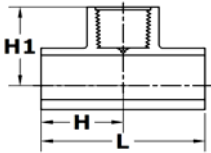
Part No	Size (in)	L	H	G	G1
403-005	½	2 9/16	1 1/4	1/2	1/2
403-007	¾	2 3/4	1 3/8	9/16	9/16

G1 related to thread



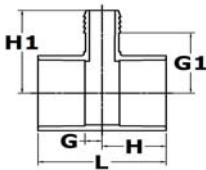
Tee

Part No	Size (in)	L	H	G
405-005	½	2 9/16	1 1/4	1/2
405-007	¾	2 3/4	1 3/8	9/16
405-010	1	3 3/8	1 11/16	11/16
405-012	1¼	4 1/4	2 1/8	1 1/4
405-015	1½	4 5/8	2 5/16	1



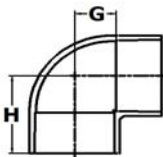
Snap-On Tee

Part No	Size (in)	L	H	H1
464-007	¾	2 3/4	1 3/8	1 3/8
464-101	¾ x ½	2 9/16	1 1/4	1 3/8
464-130	1 x ½	3 1/8	1 9/16	1 1/2
464-131	1 x ¾	3 5/16	1 11/16	1 1/2



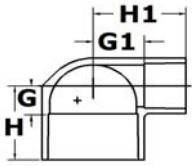
Transition Tee

Part No	Size (in)	L	H	H1	G	G1
1102-249	2 x 2 x 1	3 13/16	1 15/16	3	1/2	1 7/16



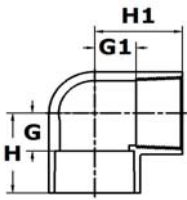
90° Ell

Part No	Size (in)	H	G
406-003	¾	1 1/8	3/8
406-005	½	1 1/4	1/2
406-007	¾	1 3/8	9/16
406-010	1	1 11/16	11/16
406-012	1¼	2 1/8	7/8
406-015	1½	2 1/4	1
406-020	2	2 9/16	1 1/4
406-025	2½	3 1/2	1 1/2
406-030	3	3 13/16	1 13/16
406-040	4	4 3/8	2 5/16
406-050	5	6	3
406-060	6	7	3 1/2
406-080	8	9	4 1/2
406-100	10	11 3/16	6 3/16
406-120	12	13 1/4	7 3/16



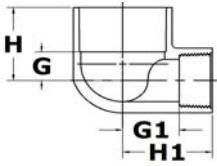
Reducing 90° Ell

Part No	Size (in)	H	H1	G	G1
406-101	¾ x ½	1 5/16	1 5/16	1/2	9/16
406-130	1 x ½	1 1/2	1 3/8	1/2	11/16
406-131	1 x ¾	1 9/16	1 1/2	9/16	11/16
406-167	1¼ x ¾	2	1 3/4	3/4	7/8
406-168	1¼ x 1	1 15/16	1 7/8	11/16	7/8
406-211	1½ x 1	2 3/4	2 3/16	1 1/2	1 1/16
406-212	1½ x 1¼	2 3/16	2 1/4	7/8	1 1/8
406-249	2 x 1	2 3/16	2 7/16	13/16	1 3/8
406-250	2 x 1¼	2 1/4	2 7/16	7/8	1 1/4
406-251	2 x 1½	2 7/16	2 5/8	1 1/16	1 5/16



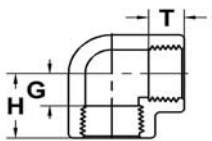
90° Ell

Part No	Size (in)	H	H1	G	G1
407-005	½	1 1/4	1 3/16	1/2	7/16
407-007	¾	1 3/8	1 3/8	5/8	9/16
407-010	1	1 5/8	1 11/16	11/16	11/16
407-012	1¼	2 3/16	1 13/16	7/8	15/16
407-015	1½	2 5/16	2 5/16	1	1
407-020	2	2 5/8	2 5/8	1 1/4	1 1/4
407-025	2½	3 3/8	2 3/4	1 1/2	1 1/2
407-030	3	3 3/4	3 3/16	1 3/4	15/8
407-040	4	4 3/8	4 3/16	2 3/8	3 5/16



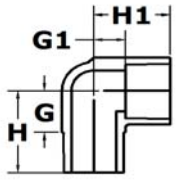
Reducing 90° Ell

Part No	Size (in)	H	H1	G	G1
407-074	½ x ¾	1 3/8	1 5/16	9/16	1/2
407-101	¾ x ½	1 3/8	1 1/4	9/16	9/16
407-130	1 x ½	1 9/16	1 3/8	9/16	11/16
407-131	1 x ¾	1 9/16	1 1/2	9/16	11/16
407-168	1¼ x 1	1 15/16	1 7/8	11/16	7/8
407-211	1½ x 1	1 15/16	2 3/4	1 1/16	1 3/4
407-212	1½ x 1¼	2 3/16	2 1/4	7/8	1 5/16
407-249	2 x 1	2 3/16	2 7/16	13/16	1 9/16
407-250	2 x 1¼	2 1/4	2 7/16	7/8	1 9/16
407-251	2 x 1½	2 7/16	2 5/8	1 1/16	1 11/16



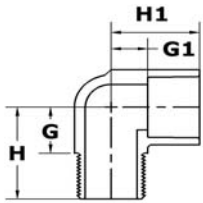
90° Ell

Part No	Size (in)	H	G
408-005	½	1 5/16	1/2
408-007	¾	1 3/8	9/16
408-010	1	1 11/16	11/16
408-012	1¼	2 1/8	7/8
408-015	1½	2 5/16	15/16
408-020	2	2 5/8	1 1/4



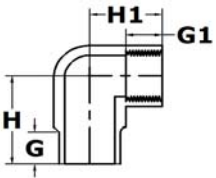
90° Street Ell

Part No	Size (in)	H	H1	G	G1
409-005	½	1 5/16	1 1/8	9/16	5/16
409-007	¾	1 5/8	1 1/4	13/16	1/2
409-010	1	1 7/8	1 7/16	7/8	9/16
409-012	1¼	2 3/8	2 1/8	1 1/16	13/16
409-015	1½	2 5/8	2 5/16	1 1/4	1
409-020	2	2 7/8	2 5/8	1 7/16	1 1/4
409-025	2 ½	4 1/16	3 3/8	2	1 7/16
409-030	3	4 7/16	4 3/16	2 5/16	2 3/16



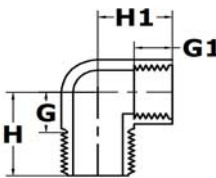
90° Street Ell

Part No	Size (in)	H	H1	G	G1
410-005	½	1 5/16	1 1/4	11/16	1/2
410-007	¾	1 9/16	1 1/4	3/4	7/16
410-010	1	1 7/8	1 9/16	1	9/16
410-012	1¼	1 15/16	2 1/16	1 1/8	13/16
410-015	1½	2 5/16	2 5/16	1 1/4	1
410-020	2	2 1/4	2 11/16	1 1/2	1 5/16
410-101	¾ x ½	1 1/4	1 3/8	1/2	3/4



90° Street Ell

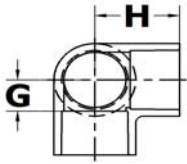
Part No	Size (in)	H	H1	G	G1
411-005	½	1 5/16	1 1/8	9/16	3/8
411-007	¾	1 1/2	1 1/4	11/16	1/2
411-010	1	1 13/16	1 9/16	13/16	9/16
411-012	1¼	2 3/8	2 1/16	1 1/16	1 1/8
411-015	1½	2 5/8	2 5/16	1 5/16	1



90° Street Ell

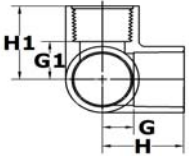
Part No	Size (in)	H	H1	G	G1
412-005	½ PVC	1 7/16	1 1/16	13/16	5/16
412-007	¾ PVC	1 5/8	1 3/16	13/16	7/16
412-010	1 PVC	1 14/16	1 7/16	7/8	9/16
412-012	1¼ PVC	1 15/16	2 1/8	1 1/8	1 3/16
412-015	1½ PVC	2 5/16	2 5/16	1 1/4	1 5/16
M412-005	½ Poly*	1 3/8	1	3/4	5/16
M412-007	¾ Poly*	1 11/16	1 3/16	7/8	7/16
M412-010	1 Poly*	1 7/8	1 1/2	15/16	1/2

*Not Listed by NSF



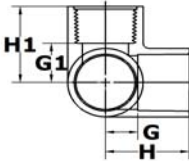
90° Side Outlet EII

Part No	Size (in)	H	G
413-005	½	1 5/16	9/16
413-007	¾	1 3/8	9/16
413-010	1	1 11/16	11/16
413-015	1 ½	2 5/16	1
413-020	2	2 5/8	1 1/4



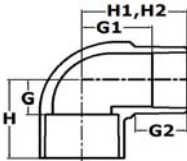
90° Side Outlet EII

Part No	Size (in)	H	H1	G	G1
414-005	½	1 1/4	1 3/16	1/2	1/2
414-010	1	1 11/16	1 11/16	11/16	13/16



90° Side Outlet EII-Reducer

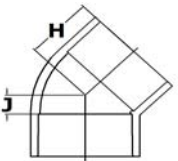
Part No	Size (in)	H	H1	G	G1
414-101	¾ x ½	1 5/16	1 3/8	9/16	11/16
414-130	1 x 1 x ½	1 3/4	1 3/8	11/16	11/16



Reducing EII

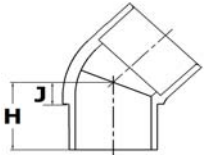
Part No	Size (in)	H	H1	H2	G	G1	G2
416-251	2 x 1½ (2 Sp)	2 5/8	2 7/8	2 7/8	1 1/4	1 9/16	1 1/2
416-292	2½ x 2 (2½ Sp)	3 3/8	4 1/8	4 1/8	2 3/4	1 1/2	2 1/16

**H2, G2 items pertain to dimension of spigot



45° EII

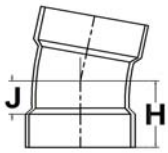
Part No	Size (in)	H	J
417-005	½	1 1/16	1/4
417-007	¾	1 1/8	3/8
417-010	1	1 7/16	5/16
417-012	1¼	1 5/8	3/8
417-015	1½	1 11/16	7/16
417-020	2	2	11/16
417-025	2½	2 11/16	11/16
417-030	3	2 3/4	3/4
417-040	4	3	1
417-050	5	4 3/8	1 3/8
417-060	6	5 3/8	1 13/16
417-080	8	6 1/2	2
417-100	10	8 1/16	3 1/16
417-120	12	9 9/16	3 1/2



45° Street Ell

Part No	Size (in)	H	J
423-015	1½	1 15/16	11/16
423-020	2	2	5/8
423-025	2½	3 1/16	1 1/16
423-030	3	3 1/4	1 1/4
423-100	10	8 1/16	3 1/16
423-120	12	9 9/16	3 1/2

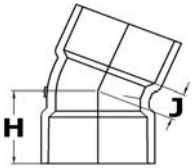
* H & J is related to spigot



11½° Ell

Part No.	Size (in)	H*	J*
461-100	10	5 15/16	3/4
461-120	12	7 5/16	1

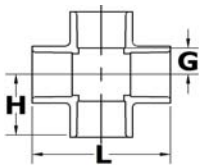
H & J Lengths may vary, Socket Depths are averages



22½° Ell

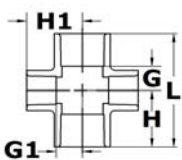
Part No	Size (in)	H	J
465-015	1½	1 1/4	1/2
465-020	2	1 15/16	3/4
465-025	2½	2 11/16	11/16
465-030	3	2 3/8	7/8
465-040	4	2 11/16	15/16
465-060	6	4 1/2	1 1/2
465-100	10	6 11/16	1 1/4
465-120	12	7 13/16	1 1/2

*250 p.s.i. working pressure. 200 p.s.i. working pressure does not comply with ASTM D2466.



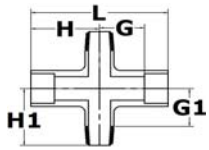
Cross

Part No	Size (in)	L	H	G
420-005	½	2 7/16	1 3/16	1/2
420-007	¾	2 5/8	1 5/16	9/16
420-010	1	3 3/8	1 11/16	11/16
420-012	1¼	4 1/4	2 1/8	7/8
420-015	1½	4 5/8	2 5/16	1
420-020	2	5 1/4	2 5/8	1 1/4
420-025	2½	7	3 1/2	1 1/2
420-030	3	7 5/8	3 13/16	1 13/16
420-040	4	8 11/16	4 5/16	2 5/16



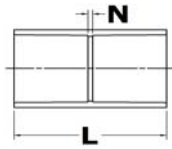
Reducing Cross

Part No	Size (in)	L	H	H1	G	G1
420-335	3 x 1	5 7/16	2 3/4	2 13/16	11/16	1 13/16
420-337	3 x 1½	6	3	3 1/8	1	1 13/16
420-338	3 x 2	6 9/16	3 1/4	3 3/16	1 1/4	1 13/16
420-419	4 x 1½	6 1/16	3	3 5/8	1	2 5/16
420-420	4 x 2	6 9/16	3 1/4	3 11/16	1 1/4	2 5/16



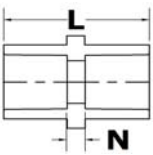
Manifold Cross

Part No	Size (in)	L	H	H1	G	G1
421A-010	1	3 5/16	1 5/8	1 13/16	11/16	1



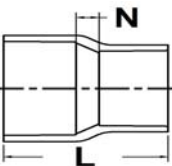
Long Socket Coupling

Part No	Size (in)	L	N
428-015	1½ (1.825*)	3 3/4	1/8
428-020	2 (1.945*)	4	1/8



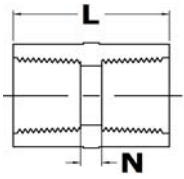
Coupling

Part No	Size (in)	L	N
429-003	3/8	1 5/8	1/8
429-005	1/2	1 11/16	1/8
429-007	3/4	1 11/16	1/8
429-010	1	2 1/16	1/8
429-012	1¼	2 5/8	1/8
429-015	1½	2 3/4	1/8
429-020	2	2 7/8	1/8
429-025	2 ½	4 1/16	3/16
429-030	3	4 3/16	3/16
429-040	4	4 1/4	3/16
429-050	5	6 1/4	3/16
429-060	6	7 5/16	5/16
429-080	8	9 1/4	1/4
429-100	10	10 5/16	5/16
429-120	12	12 3/8	5/16



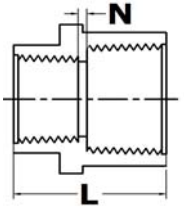
Reducer Coupling

Part No	Size (in)	L	N
429-101	¾ x ½	1 5/8	1/8
429-131	1 x ¾	2 1/8	1/4
429-168	1¼ x 1	2 9/16	5/16
429-212	1½ x 1¼	2 3/4	1/4
429-251	2 x 1½	3 1/8	7/16
429-338	3 x 2	4 1/16	5/8
429-422	4 x 3	4 5/8	5/8
429-532	6 x 4	6 5/8	1 3/16
429-582	8 x 4	8 15/16	2 3/8
429-585	8 x 6	9 1/16	1 1/16
429-626	10 x 6	10 13/16	2 11/16
429-628	10 x 8	10 3/4	1 11/16
429-668	12 x 8	12 7/8	2 11/16
429-670	12 x 10	13 1/16	1 15/16



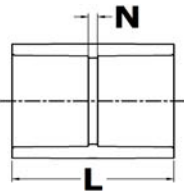
Coupling

Part No	Size (in)	L	N
430-005	½	1 11/16	5/16
430-007	¾	2	1/16
430-010	1	2 1/16	1/16
430-020	2	2 1/2	5/8
430-005-45	½ GRAY	1 11/16	5/16
430-007-45	¾ GRAY	2	0



Coupling

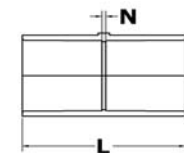
Part No	Size (in)	L	N
430-101	¾ x ½	1 9/16	1/8
430-131	1 x ¾	1 13/16	1/16
430-101-45	¾ x ½ GRAY	1 9/16	1/16
430-131-45	1 x ¾ GRAY	1 3/4	1/16



Nested Coupling

Part No	Size (in)	L	N
477-005BC	½*	1 5/8	1/8
477-007BC	¾	1 11/16	1/8
477-010BC	1	2 1/16	1/16

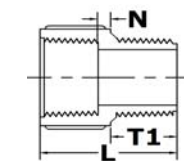
*1/2" nested couplings do not meet ASTM Standards for Sch 40 fittings and are not NSF listed.



Deep Socket Coupling

Part No	Size (in)	L	N
482-015	1½ (2.169*)	4 7/16	1/8
482-020	2 (2.389*)	4 15/16	1/8
482-025	2½ (3.385*)	7	1/4
482-030	3 (3.625*)	7 9/16	1/4
482-040	4 (3.625*)	7 5/8	1/4

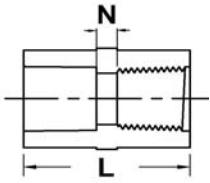
*Socket depth, each side.



Riser Extender

Part No	Size (in)	L	N	T1
434-005	½	1 11/16	1/8	3/4
434-007	¾	1 9/16	1/8	5/8
434-008	¾*	2 1/4	7/8	9/16
434-020	2	2 5/8	3/16	1 1/16

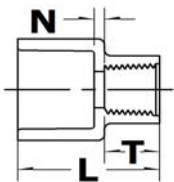
*2 5/16 Long



Female Adapter

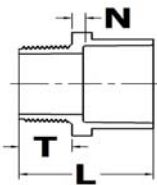
Part No	Size (in)	L	N
435-005	½	1 ¾	5/16
435-007	¾	1 ¾	5/16
435-010	1	2 ¾	1/8
435-012	1¼	2 ¼	1/16
435-015	1½	2 ¼	1/16
435-020	2	2 7/16	1/16
435-025	2½	3 ¾	3/16
435-030	3	3 ¾	3/16
435-040	4	4	3/16
435-050	5	5 1/8	1/4
435-060	6	5 ¾	1/4
435-080	8	6 15/16	1/4

Body diameter measured across hex flats (if applicable)



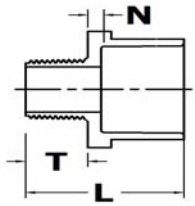
Reducing Female Adapter

Part No	Size (in)	L	N	T
435-074	½ x ¾	1 11/16	1/16	13/16
435-101	¾ x ½	1 9/16	1/8	11/16
435-102	¾ x 1	1 ¾	1/16	1
435-131	1 x ¾	1 7/8	0	7/8
435-211	1 x 1½	2 ¾	3/16	1



Male Adapter

Part No	Size (in)	L	N	T
436-005	½	1 9/16	1/8	5/8
436-007	¾	1 9/16	3/16	5/8
436-010	1	2	3/16	13/16
436-012	1¼	2 1/2	1/4	1
436-015	1½	2 1/2	3/16	1
436-020	2	2 11/16	1/4	1 1/16
436-025	2½	3 7/8	5/16	1 9/16
436-030	3	3 15/16	5/16	1 5/8
436-040	4	4 1/16	5/16	1 ¾
436-050	5	5 3/16	3/8	1 13/16
436-060	6	5 7/8	7/16	1 15/16
436-080	8	7 1/8	7/16	2 1/8

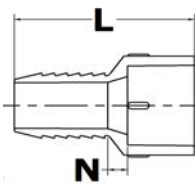


Reducing Male Adapter

Part No	Size (in)	L	N	T
436-073	1/2 x 3/8	1 1/2	1/8	3/4
436-074	1/2 x 3/4	1 3/4	1/8	3/4
436-101	3/4 x 1/2	1 11/16	1/8	13/16
436-102	3/4 x 1	1 13/16	3/16	5/8
436-131	1 x 3/4	2 5/16	3/16	13/16
436-132	1 x 1 1/4	2 7/16	3/16	1
436-133	1 x 1 1/2	2 9/16	3/16	1
436-168	1 1/4 x 1	2	3/16	13/16
436-169	1 1/4 x 1 1/2	2 5/16	3/16	3/4
436-212	1 1/2 x 1 1/4	2 1/2	3/16	1
436-213	1 1/2 x 2	2 5/8	3/16	1 1/16
436-251	2 x 1 1/2	2 9/16	3/16	1 1/16
436-252	2 x 2 1/2	3 5/16	1/4	1 1/16
436-253	2 x 3	3 5/16	5/16	1
436-293	2 1/2 x 3	3 7/8	1/4	1 9/16
436-341	3 x 4	3 15/16	5/16	1 5/8

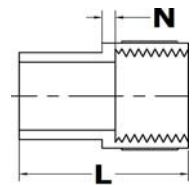
Hex outside diameter measured across hex flats

Body diameter includes body hex (if applicable)



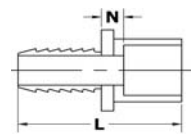
Adapter

Part No	Size (in)	L	N
474-007	3/4	2 9/16	1/4
474-010	1	2 11/16	1/4
474-015	1 1/2	3 7/16	3/8
474-020	2	3 5/16	1/4



Fitting Adapter

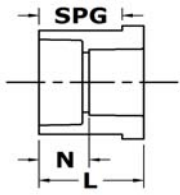
Part No	Size (in)	L	N
478-010	1	2 1/4	3/16
478-012	1 1/4	2 1/2	3/16
478-015	1 1/2	2 5/16	3/16
478-020	2	2 9/16	3/16



Insert Adapter

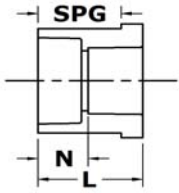
Part No	Size (in)	L	N
460-007	1/4 x 3/4 SP (1/2 Slip)	2 9/16	1/4
460-010	1 x 1 SP (3/4 Slip)	2 11/16	3/8
460-015	1 1/2 x 1 1/2 SP	3 3/8	3/8

ASTM D 2609 - Plastic Insert Fitting for Polyethylene (PE) pipe



Reducer Bushing

Part No	Size (in)	L	N	SPG
437-073	½ x ¾	1 3/16	7/16	7/8
437-101	¾ x ½	1 1/16	1/4	13/16
437-130	1 x ½	1 1/4	1/2	1
437-131	1 x ¾	1 1/4	7/16	1
437-166	1¼ x ½	1 9/16	13/16	1 1/4
437-167	1¼ x ¾	1 1/2	3/4	1 3/16
437-168	1¼ x 1	1 1/2	7/16	1 3/16
437-209	1½ x ½	1 5/8	7/8	1 5/16
437-210	1½ x ¾	1 5/8	13/16	1 5/16
437-211	1½ x 1	1 11/16	11/16	1 5/16
437-212	1½ x 1¼	1 9/16	3/8	1 1/4
437-247	2 x ½	1 11/16	15/16	1 3/8
437-248	2 x ¾	1 11/16	7/8	1 3/8
437-249	2 x 1	1 5/8	9/16	1 5/16
437-250	2 x 1¼	1 11/16	7/16	1 3/8
437-251	2 x 1½	1 11/16	3/8	1 3/8
437-287	2½ x ½	2 5/16	1 9/16	2
437-288	2½ x ¾	2 5/16	5/16	2
437-289	2½ x 1	2 5/16	1 5/16	2
437-290	2½ x 1¼	2 1/4	1	2
437-291	2½ x 1½	2 5/16	1	2
437-292	2½ x 2	2 1/4	7/8	1 15/16
437-334	3 x ¾	2 7/16	1/4	2
437-335	3 x 1	2 3/8	1 7/16	2
437-336	3 x 1¼	2 7/16	1 1/4	2 1/16
437-337	3 x 1½	2 3/8	1 1/8	2
437-338	3 x 2	2 3/8	1	2
437-339	3 x 2½	2 3/8	3/8	2
437-420	4 x 2	2 3/8	1	2
437-421	4 x 2½	2 7/16	9/16	2 1/16
437-422	4 x 3	2 3/8	3/8	2
437-488	5 x 3	3 5/16	1 1/4	3 1/16
437-490	5 x 4	3 1/4	1 1/4	3
437-528	6 x 2	4	2 11/16	3 1/2
437-529*	6 x 2½	4 7/16	2 7/16	3 1/2
437-530	6 x 3	4 1/16	2 1/16	3 1/2
437-532	6 x 4	4	2	3 1/2
437-534	6 x 5	3 13/16	13/16	3 1/2
437-582	8 x 4	5 1/4	3 1/4	4 1/2
437-585	8 x 6	5 1/4	1 3/4	4 1/2
437-623	10 x 3	6 3/8	4 3/8	5 1/16
437-624	10 x 4	6 3/8	4 1/3	5 1/16
437-626	10 x 6	5 7/16	2 7/16	5 1/16
437-628	10 x 8	5 7/16	1 3/8	5 1/16

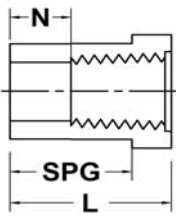


Reducer Bushing

Part No	Size (in)	L	N	SPG
437-661	12 x 3	7 3/8	5 3/8	6 1/16
437-664	12 x 4	7 5/8	5 5/8	6 1/16
437-666	12 x 6	7 11/16	4 1/8	6 1/16
437-668	12 x 8	6 7/16	2 3/8	6 1/16
437-670	12 x 10	6 1/2	1 7/16	6 1/16

Outside diameter taken across hex flats

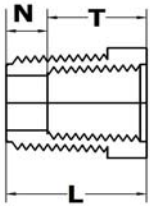
Reducer Bushing



Part No	Size (in)	L	N	SPG
438-071	1/2 x 1/8	1 3/16	3/4	7/8
438-072	1/2 x 1/4	1 3/16	1/2	7/8
438-073	1/2 x 3/8	1 1/4	5/8	7/8
438-098	3/4 x 1/4	1 1/8	1/2	13/16
438-101	3/4 x 1/2	1 1/16	1/4	13/16
438-130	1 x 1/2	1 1/4	1/2	1
438-131	1 x 3/4	1 1/4	9/16	1
438-166	1 1/4 x 1/2	1 9/16	1/2	1 1/4
438-167	1 1/4 x 3/4	1 9/16	13/16	1 1/4
438-168	1 1/4 x 1	1 9/16	9/16	1 1/4
438-209	1 1/2 x 1/2	1 9/16	7/8	1 1/4
438-210	1 1/2 x 3/4	1 9/16	7/8	1 1/4
438-211	1 1/2 x 1	1 9/16	11/16	1 1/4
438-212	1 1/2 x 1 1/4	1 5/8	1/4	1 5/16
438-247	2 x 1/2	1 11/16	15/16	1 7/16
438-248	2 x 3/4	1 11/16	1	1 3/8
438-249	2 x 1	1 3/4	5/8	1 3/8
438-250	2 x 1 1/4	1 11/16	5/16	1 3/8
438-251	2 x 1 1/2	1 11/16	3/4	1 1/3
438-288*	2 1/2 x 3/4	2 5/8	1 15/16	2
438-289	2 1/2 x 1	2 5/16	1 3/16	2
438-290	2 1/2 x 1 1/4	2 1/4	15/16	2
438-291	2 1/2 x 1 1/2	2 5/16	1	2
438-292	2 1/2 x 2	2 5/16	13/16	2
438-335	3 x 1	2 3/8	1 7/16	2
438-336	3 x 1 1/4	2 1/2	1 9/16	2 1/8
438-337	3 x 1 1/2	2 3/8	1 1/2	2
438-338	3 x 2	2 3/8	1 3/8	2
438-339	3 x 2 1/2	2 3/8	7/8	2
438-420	4 x 2	2 7/16	1 7/16	2
438-421	4 x 2 1/2	2 7/16	1 1/8	2 1/16
438-422	4 x 3	2 3/8	1	2
438-490	5 x 4	3 3/8	1 5/8	3
438-528*	6 x 2	4 7/16	3 1/2	3 9/16
438-532	6 x 4	3 7/8	2 3/16	3 1/2

*Fabricated part

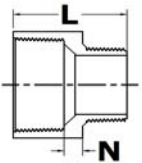
Hex outside diameter taken across hex flats



Threaded Reducer Bushing

Part No	Size (in)	L	T	N
439-005	½	7/8	11/16	1/4
439-052	¾ x ¼	1 1/8	11/16	7/16
439-072	½ x ¼	1 1/8	5/8	1/2
439-073	½ x ⅜	1 1/8	11/16	1/2
439-098	¾ x ¼	1 1/8	11/16	7/16
439-099	¾ x ⅜	1 1/8	5/8	1/2
439-101	¾ x ½	1	3/4	1/4
439-130	1 x ½	1 1/16	3/4	5/16
439-131	1 x ¾	1 1/8	3/4	3/8
439-166	1¼ x ½	1 5/16	3/4	1/2
439-167	1¼ x ¾	1 5/16	1/2	13/16
439-168	1¼ x 1	1 5/16	1	5/16
439-209	1½ x ½	1 3/8	3/4	5/8
439-210	1½ x ¾	1 7/16	13/16	5/8
439-211	1½ x 1	1 7/16	1 1/8	5/16
439-212	1½ x 1¼	1 7/16	1	7/16
439-249	2 x 1	1 7/16	1	7/16
439-250	2 x 1¼	1 7/16	1	7/16
439-251	2 x 1½	1 1/2	1	1/2
439-292	2½ x 2	1 13/16	1 1/16	3/4
439-338	3 x 2	2 1/16	1 1/16	1

Outside diameter taken across hex flats (if applicable)



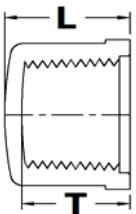
Increaser Adapter

Part No	Size (in)	L	N
439-198	1½ x 2	2 5/8	5/8



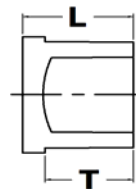
Cap			
Part No	Size (in)	L	S*
447-005	½	1 3/16	3/4
447-007	¾	1 5/16	13/16
447-010	1	1 3/4	1 1/8
447-012	1¼	1 3/4	1 1/4
447-015	1½	2	1 5/16
447-020	2	2 3/16	1 3/8
447-025	2 ½	3 1/16	2 1/16
447-030	3	3 3/16	2 3/16
447-040	4	3 1/2	2 1/4
447-050	5	4 7/8	3 5/16
447-060	6	5 3/8	3 3/8
447-080	8	6 11/16	4 1/2
447-100	10	8 1/2	5 9/16
447-120	12	9 5/8	6 5/8

*S dimension is a measurement of two blended radii



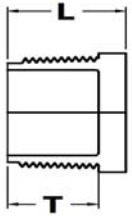
Cap			
Part No	Size (in)	L	T
448-005	½	1 1/16	3/4
448-007	¾	1 1/8	13/16
448-010	1	1 1/4	1
448-012	1¼	1 1/2	1 5/16
448-015	1½	1 9/16	1 1/16
448-020	2	1 3/4	1 7/16
448-025	2 ½	2 9/16	2 1/8
448-030	3	3 1/8	2
448-040	4	3 1/4	2 3/16

Hex outside diameter measured across hex flats (if applicable)



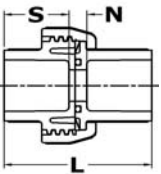
Plug			
Part No	Size (in)	L	SPG
449-003	⅜	1	3/4
449-005	½	1	3/4
449-007	¾	1 1/16	13/16
449-010	1	1 1/4	1
449-012	1¼	1 9/16	1 1/4
449-015	1½	1 5/8	1 5/16
449-020	2	1 11/16	1 3/8
449-025	2½	2 3/8	2
449-030	3	2 3/8	2
449-040	4	2 3/8	2

Hex outside diameter measured across hex flats (if applicable)

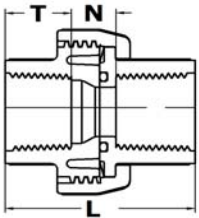


Plug			
Part No	Size (in)	L	T
450-005	½	1	3/4
450-007	¾	1 1/16	3/4
450-010	1	1 1/8	13/16
450-012*	1¼	1 1/4	13/16
450-015	1½	1 3/8	1
450-020	2	1 3/8	1 1/16
450-025	2½	1 15/16	1 9/16
450-030	3	2	1 11/16
450-040	4	2 1/8	1 3/4

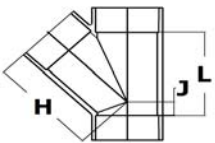
Hex outside diameter measured across hex flats



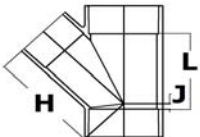
Union (O-Ring Type)				
Part No	Size (in)	L	N	S
457-005	½	1 3/4	1/4	3/4
457-007	¾	1 7/8	1/4	13/16
457-010	1	2 3/8	1/4	1 1/16
457-012	1¼	2 13/16	3/8	1 1/4
457-015	1½	3	3/8	1 5/16
457-020	2	3 1/8	3/8	1 3/8
457-030	3	4 3/8	7/16	2



Union (O-Ring Type)				
Part No	Size (in)	L	N	T
458-005	½	1 3/4	1/4	3/4
458-007	¾	1 7/8	1/4	13/16
458-010	1	2 7/16	5/16	1 1/16
458-012	1¼	2 13/16	5/8	1 1/8
458-015	1½	3	13/16	1 1/16
458-020	2	3 1/8	13/16	1 3/16
458-030	3	4	1 1/8	1 7/16
458-040	4	4 5/8	1 5/8	1 1/2



WYE				
Part No	Size (in)	L	J	H
475-040	4	6 3/4	1 1/8	5 7/8



Reducing WYE				
Part No	Size (in)	L	J	H
475-422	4 x 4 x 3	5 3/8	3/8	5 7/16

150 psi working pressure

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8212 South 228th Street
Kent, WA 98032
425-272-0990
888-285-2726
Fax: 425-272-0995

Limited Warranty

LASCO Fittings, Inc. products 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 three years from date of installation. If LASCO products 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 products are not used strictly in accordance with LASCO's directions with respect to use and storage or if the products 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 A 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.

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.

STANDARDS AND SPECIFICATIONS – Schedule 40

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

ASTM D-2466 – Socket Type Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40.

ASTM F-1970 – Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems.

MATERIAL – LASCO Schedule 40 Fittings are produced from PVC Type 1, Cell Classification 12454-B.

– O-rings are produced from a Buna-N (Nitrile) material.

LISTINGS – NSF/ANSI Standard 61, Annex G: Drinking Water System Components Weighted average lead content of $\leq 0.25\%$ and is in compliance with California's Health & Safety Code Section 116875 (commonly known as AB1953) NSF/ANSI Standard 14: Plastics Piping system Components and Related Materials. Includes /ANSI Standard 61, Annex G

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