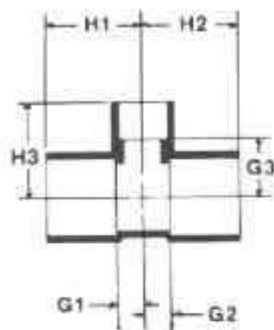


TECHNICAL DATA

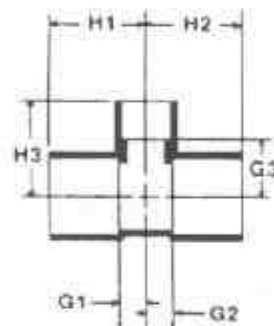
SCHEDULE

40

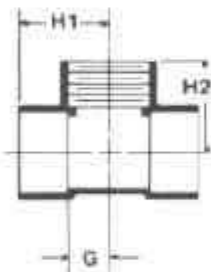
PVC PIPE FITTINGS



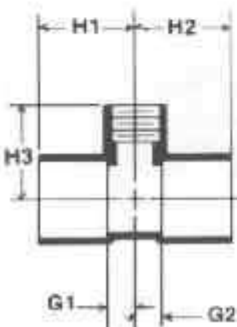
Tee Reducing
slip x slip x slip



Tee Bullhead
slip x slip x slip



Tee
slip x slip x FIPT



Tee Reducing
slip x slip x FIPT

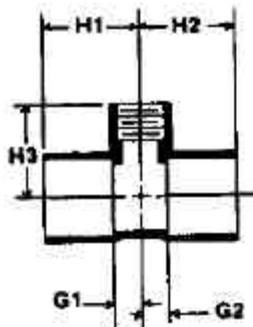
Part No.	Size	G1	H1	G2	H2	G3	H3
401-248	2 x 2 x 3/4	19/32	1 31/32	19/32	1 31/32	1 1/4	1 31/32
401-249	2 x 2 x 1	23/32	2 3/32	23/32	2 3/32	1 7/32	2 5/16
401-250	2 x 2 x 1 1/8	29/32	2 9/32	29/32	2 9/32	1 1/4	2 17/32
401-251	2 x 2 x 1 1/2	1 1/32	2 3/8	1 1/32	2 3/8	1 1/4	2 17/32
401-287	2 1/2 x 2 1/2 x 1 1/2	1 7/32	2 17/32	1 7/32	2 17/32	1 17/32	2 7/32
401-288	2 1/2 x 2 1/2 x 3/4	9/16	2 7/16	9/16	2 7/16	1 1/2	2 5/32
401-289	2 1/2 x 2 1/2 x 1	11/16	2 15/32	11/16	2 15/32	1 1/2	2 15/32
401-582	8 x 8 x 4	2 5/16	8 15/16	2 5/16	8 15/16	4 11/16	6 7/8

Part No.	Size	H1	G1	H2	G2
401-074	1/2 x 1/2 x 3/4	1 3/8	19/32	1 7/32	1 7/32
401-102	3/4 x 3/4 x 1	1 13/16	13/16	1 25/32	2 1/32
401-132	1 x 1 x 1 1/4	1 7/8	29/32	1 29/32	2 1/32
401-133	1 x 1 x 1 1/2	2	1 1/32	2	1 11/16
401-213	1 1/2 x 1 1/2 x 2	2 9/16	1 1/4	2 3/8	1
401-341	3 x 3 x 4	4 11/32	2 11/32	3 27/32	1 13/16

Part No.	Size	H	H2	G
402-005	1/2	1 1/4	1 5/32	1/2
402-007	3/4	1 3/8	1 5/32	1 9/32
402-010	1	1 11/16	1 21/32	1 1/16
402-012	1 1/4	2 5/32	2 1/8	7/8
402-015	1 1/2	2 5/16	2 9/32	1 1/32
402-020	2	2 5/8	2 3/16	1 1/4
402-030	3	3 13/16	3 7/32	1 13/16
402-040	4	4 5/16	4 1/16	2 5/16

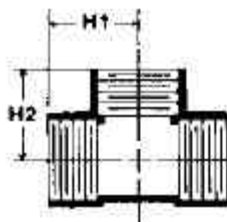
Part No.	Size	G1	H1	G2	H2	H3
402-071	1/2 x 1/2 x 1/8	17/32	9/16	17/32	1 9/16	15/16
402-072	1/2 x 1/2 x 1/4	17/32	1 7/32	17/32	1 7/32	1 11/16
402-074	1/2 x 1/2 x 3/4	19/32	1 3/8	19/32	1 3/8	1 9/32
402-094	3/4 x 1/2 x 1/2	17/32	1 7/32	1/2	1 7/32	1 11/32
402-095	3/4 x 1/2 x 3/4	19/32	1 3/8	19/32	1 3/8	1 3/8
402-101	3/4 x 3/4 x 1/2	9/16	1 11/32	9/16	1 11/32	1 1/4
402-124	1 x 3/4 x 1/2	1/2	1 1/2	17/32	1 5/16	1 15/32
402-125	1 x 3/4 x 3/4	19/32	1 19/32	9/16	1 3/8	1 15/32
402-130	1 x 1 x 1/2	1/2	1 19/32	1/2	1 19/32	1 3/8
402-131	1 x 1 x 3/4	9/16	1 9/16	9/16	1 9/16	1 1/2
402-156	1 1/4 x 1 x 1/2	7/8	2 1/16	23/32	1 13/16	1 19/32
402-157	1 1/4 x 1 x 3/4	7/8	2 3/32	11/16	1 25/32	1 5/8
402-166	1 1/4 x 1 1/4 x 1/2					

Schedule 40



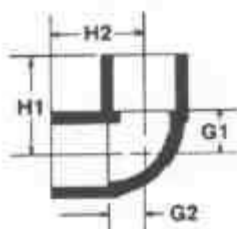
Tee Reducing
slip x slip x FIPT

Part No.	Size	G1	H1	G2	H2	H3
402-167	1 1/4 x 1 1/4 x 3/4	19/32	1 27/32	19/32	1 27/32	1 5/8
402-167	1 1/4 x 1 1/4 x 3/4	19/32	1 27/32	19/32	1 27/32	1 5/8
402-168	1 1/4 x 1 1/4 x 1	11/16	1 15/16	11/16	1 15/16	1 27/32
402-199	1 1/2 x 1 1/4 x 1	31/32	2 9/32	7/8	2 1/16	1 11/16
402-202	1 1/2 x 1 1/4 x 1	1	2 1/4	7/8	2 3/32	1 31/32
402-209	1 1/2 x 1 1/2 x 1/2	19/32	1 27/32	19/32	1 27/32	1 3/4
402-210	1 1/2 x 1 1/2 x 3/4	19/32	1 29/32	19/32	1 29/32	1 25/32
402-211	1 1/2 x 1 1/2 x 1	11/16	2	11/16	2	1 31/32
402-212	1 1/2 x 1 1/2 x 1 1/4	7/8	2 3/16	7/8	2 3/16	2 1/4
402-239	2 x 1 1/2 x 1	11/16	2 1/16	23/32	2 1/32	2 1/4
402-247	2 x 2 x 1/2	1/2	1 29/32	1/2	1 29/32	2 1/32
402-248	2 x 2 x 3/4	19/32	2	19/32	2	2 1/32
402-249	2 x 2 x 1	23/32	2 3/32	23/32	2 3/32	2 9/32
402-250	2 x 2 x 1 1/4	7/8	2 9/32	7/8	2 9/32	2 1/2
402-251	2 x 2 x 1 1/2	1	2 3/8	1	2 3/8	2 9/10
402-287	2 1/2 x 2 1/2 x 1/2	17/32	2 17/32	17/32	2 17/32	2 1/2
402-288	2 1/2 x 2 1/2 x 3/4	19/32	2 19/32	19/32	2 19/32	2 19/32
402-289	2 1/2 x 2 1/2 x 1	23/32	2 19/32	23/32	2 19/32	2 3/16
402-290	2 1/2 x 2 1/2 x 1 1/4	7/8	2 7/8	7/8	2 7/8	2 5/16
402-291	2 1/2 x 2 1/2 x 1 1/2	1	3 1/32	1	3 1/32	2 17/32
402-292	2 1/2 x 2 1/2 x 2	1 9/32	3 9/32	1 9/32	3 9/32	2 9/16
402-333	3 x 3 x 1/2	17/32	2 17/32	17/32	2 17/32	2 3/16
402-334	3 x 3 x 3/4	19/32	2 19/32	19/32	2 19/32	2 7/8
402-335	3 x 3 x 1	23/32	2 23/32	23/32	2 23/32	2 9/16
402-336	3 x 3 x 1 1/4	7/8	2 25/32	7/8	2 25/32	2 19/32
402-337	3 x 3 x 1 1/2	1	3	1	3	2 13/16
402-338	3 x 3 x 2	1 9/32	3 9/32	1 9/32	3 9/32	2 27/32
402-416	4 x 4 x 3/4	19/32	2 19/32	19/32	2 19/32	2 13/16
402-417	4 x 4 x 1	23/32	2 23/32	23/32	2 23/32	2 7/8
402-418	4 x 4 x 1 1/4	29/32	2 29/32	29/32	2 29/32	3 1/32
402-419	4 x 4 x 1 1/2	1	3	1	3	3 9/32
402-420	4 x 4 x 2	1 1/4	3 1/4	1 1/4	3 1/4	3 3/8
402-422	4 x 4 x 3	1 27/32	3 27/32	1 27/32	3 27/32	4 5/8
402-490	5 x 5 x 4	2 11/32	5 11/32	2 11/32	5 11/32	5 1/8
402-528	6 x 6 x 2	1 9/32	4 13/16	1 9/32	4 13/16	4 3/4
402-530	6 x 6 x 3	1 13/16	5 11/32	1 13/16	5 11/32	5 17/32
402-532	6 x 6 x 4	2 5/16	5 13/16	2 5/16	5 13/16	5 17/32



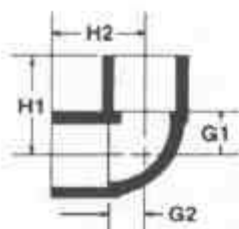
Tee
FIPTxFIPTxFIPT

Part No.	Size	H1	H2
405-005	1/2	1 5/16	1 1/4
405-007	3/4	1 3/8	1 11/32
405-010	1	1 11/16	1 21/32
405-015	1 1/2	2 5/16	2 9/32



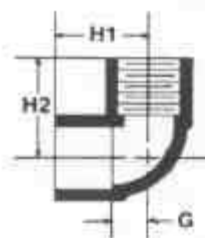
90° ELL
slip x slip

Part No.	Size	H1	H2	G1	G2
406-005	1/2	1 1/4		1/2	17/32
406-007	3/4	1 13/32		9/16	9/16
406-010	1	1 21/32		11/16	23/32
406-012	1 1/4	2 1/8		7/8	7/8
406-015	1 1/2	2 1/4		1	31/32
406-020	2	2 19/32		1 1/4	1 9/32
406-025	2 1/2	3 3/8		1 15/32	1 1/2
406-030	3	4 1/8	4 1/8	2 13/16	2 13/16
406-040	4	4 1/4		2 1/4	2 1/4
406-050	5	5 31/32		2 31/32	3
406-060	6	7 1/16		3 17/32	3 17/32
406-080	8	9 1/16		4 9/16	7



90° ELL Reducing
slip x slip

Part No.	Size	H1	H2	G1	G2
406-101	3/4 x 1/2	1 1/4	1 5/16	17/32	1/2
406-130	1 x 1/2	1 13/32	1 1/2	11/16	1/2
406-131	1 x 3/4	1 1/2	1 17/32	23/32	19/32
406-168	1 1/4 x 1	1 7/8	1 15/16	27/32	23/32
406-211	1 1/2 x 1	2 9/16	2 9/32	1 15/32	1 1/32
406-212	1 1/2 x 1 1/4	2 1/4	2 3/16	1	7/8
406-251	2 x 1 1/2	2 5/8	2 7/16	1 5/16	1 1/16



90° ELL
FIPT x slip

Part No.	Size	H1	H2	G
407-005	1/2	1 9/32	1 5/32	1/2
407-007	3/4	1 3/8	1 7/16	19/32
407-010	1	1 11/16	1 11/16	23/32
407-012	1 1/4	2 5/32	1 13/16	29/32
407-015	1 1/2	2 5/16	2 11/32	1
407-020	2	2 5/8	2 5/8	1 1/4
407-025	2 1/2	3 3/8	2 25/32	1 1/2
407-030	3	3 13/16	3 3/16	1 13/16
407-040	4	4 11/32	4 3/16	2 5/16



90° ELL
Reducing
slip x FIPT

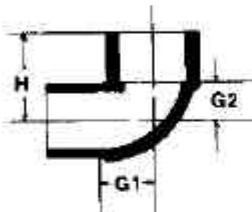
Part No.	Size	H1	H2	G
407-074	1/2 x 3/4	1 3/8	1 5/16	19/32
407-101	3/4 x 1/2	1 11/32	1 1/4	9/16
407-130	1 x 1/2	1 9/16	1 7/16	9/16
407-131	1 x 3/4	1 19/32	1 15/32	21/32
407-168	1 1/4 x 1	1 15/16	1 13/16	11/16
407-211	1 1/2 x 1	2 7/32	2 19/32	1 1/16
407-212	1 1/2 x 1 1/4	2 5/32	2 7/32	27/32
407-251	2 x 1 1/2	2 7/16	2 5/8	1 1/32

Schedule 40



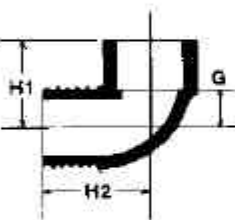
90° ELL
FIPT x FIPT

Part No.	Size	H
408-005	1/2	1 1/4
408-007	3/4	1 3/8
408-010	1	1 27/32
408-012	1 1/4	2 1/8
408-015	1 1/2	2 11/32
408-020	2	2 5/8



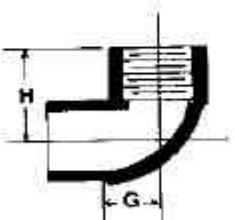
90° Street ELL
sp x slip

Part No.	Size	H	G1	G2
409-005	1/2	1 1/16	23/32	11/32
409-007	3/4	1 1/4	11/16	17/32
409-010	1	1 9/16	27/32	9/16
409-012	1 1/4	2 3/32	1 1/16	27/32
409-015	1 1/2	2 11/32	1 5/16	1
409-020	2	2 19/32	1 1/2	1 7/32



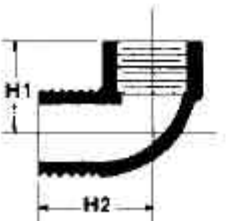
90° Street ELL
MIPT x slip

Part No.	Size	H1	H2
410-005	1/2	1 1/32	1 13/32
410-007	3/4	1 1/4	1 17/32
410-010	1	1 9/16	1 7/8
410-012	1 1/4	2 3/32	1 7/8
410-015	1 1/2	2 11/32	2 5/16
410-020	2	2 3/4	2 17/32
410-101	3/4 x 1/2	1 5/16	1 11/32



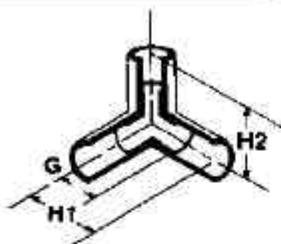
90° Street ELL
sp x FIPT

Part No.	Size	H1	H2
411-005	1/2	17/32	1 1/8
411-007	3/4	11/16	1 1/4
411-010	1	13/16	1 17/32
411-012	1 1/4	1 3/32	2 1/16
411-015	1 1/2	1 5/16	2 11/32



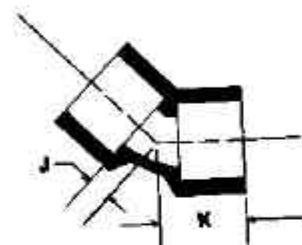
90° Street ELL
MIPT x FIPT

Part No.	Size	H1	H2
412-005	1/2 PVC	1 1/32	1 7/16
412-007	3/4 PVC	1 3/16	1 17/32
412-010	1 PVC	1 1/2	1 7/8
412-012	1 1/4 PVC	2 3/32	1 28/32
412-015	1 1/2 PVC	2 5/16	2 5/16
M412-005	1/2 Poly	1 1/32	1 13/32
M412-007	3/4 Poly	1 5/32	1 7/16
M412-010	1 Poly	1 1/2	1 7/8



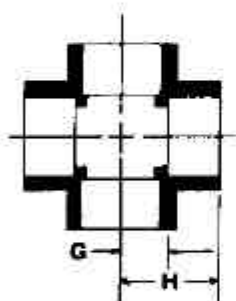
Side Outlet
90° ELL
slip x slip x FIPT

Part No.	Size	H2	G	H
414-005	1/2	1 5/32	15/32	1 1/4
414-010	1	1 25/32	11/16	1 13/16
414-101	3/4 x 3/4 x 1/2	1 1/4	9/16	1 11/32
414-130	1 x 1 x 1/2	1 3/8	11/16	1 25/32



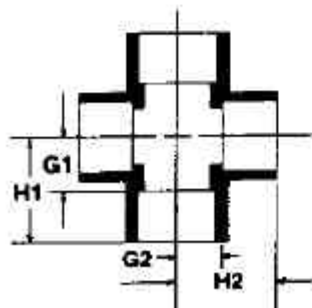
45° ELL
slip x slip

Part No.	Size	K	J
417-005	1/2	1 1/32	5/16
417-007	3/4	1 1/8	11/32
417-010	1	1 13/32	5/16
417-012	1 1/4	1 9/16	3/8
417-015	1 1/2	1 11/16	7/16
417-020	2	1 31/32	21/32
417-025	2 1/2	2 23/32	23/32
417-030	3	2 25/32	25/32
417-040	4	3 1/32	1 1/32
417-050	5	4 13/32	1 3/8
417-060	6	5 1/4	1 3/4
417-080	8	8 1/2	2



Cross
slip

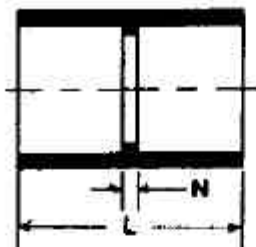
Part No.	Size	H	G
420-005	1/2	1 7/32	17/32
420-007	3/4	1 5/16	19/32
420-010	1	1 11/16	11/16
420-012	1 1/4	2 1/8	7/8
420-015	1 1/2	2 5/16	1
420-020	2	2 21/32	1 9/32
420-025	2 1/2	3 1/2	1 1/2
420-030	3	3 13/16	1 13/16
420-040	4	4 5/16	2 11/32



Cross
Reducing
slip

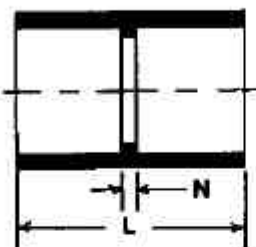
Part No.	Size	H1	H2	G1	G2
420-335	3 x 3 x 1 x 1	2 13/16	2 23/32	1 13/16	11/16
420-337	3 x 3 x 1 1/2 x 1 1/2	3 1/8	3 1/32	1 13/16	1
420-338	3 x 3 x 2 x 2	3 3/16	3 9/32	1 13/16	1 1/4
420-419	4 x 4 x 1 1/2 x 1 1/2	3 5/8	3 1/32	2 5/16	1
420-420	4 x 4 x 2 x 2	3 11/16	3 9/32	2 5/16	1 7/32

Schedule 40



Long Socket
Coupling
slip

Part No.	Size	N
428-015	1 1/2	1/8
428-020	2	1/8



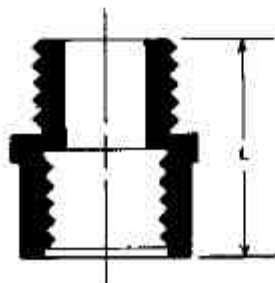
Coupling
slip

Part No.	Size	L	N
429-005	7	1 21/32	1/8
429-007	3/4	1 11/16	1/8
429-010	1	2 3/32	1/8
429-012	1 1/4	2 5/8	1/8
429-015	1 1/2	2 5/8	1/8
429-020	2	2 7/8	1/8
429-025	2 1/2	4 7/32	7/32
429-030	3	4 1/4	7/32
429-040	4	4 1/4	3/16
429-050	5	6 9/32	7/32
429-060	6	7 5/16	5/16
429-080	8	9 5/16	9/32
429-101	3/4 x 1/2	1 11/16	3/32



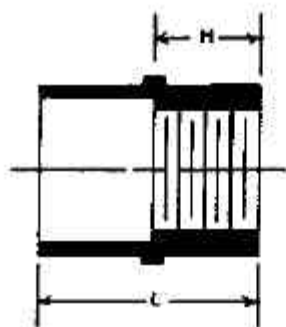
Coupling
FIPT x FIPT

Part No.	Size	L
430-005	1/2	1 23/32
430-007	3/4	2
430-010	1	2 1/16
430-101	3/4 x 1/2	1 9/16
430-131	1 x 3/4	1 7/8
430-005-45	1/2 Gray	1 23/32
430-007-45	3/4 Gray	2
430-101-45	3/4 x 1/2 Gray	1 9/16
430-131-45	1 x 3/4 Gray	1 7/8



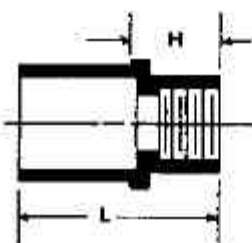
Riser Extender
MIPT x FIPT

Part No.	Size	L
434-005	1/2 x 2 1/16 lg.	2 1/16
434-007	3/4 x 1 5/8 lg.	1 19/32
434-008	3/4 x 2 5/16 lg.	2 5/16
434-020	2	2 21/32



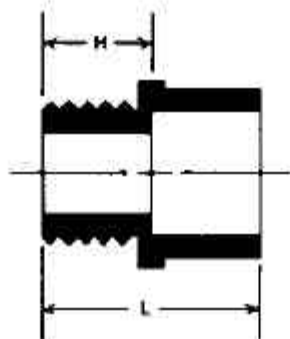
**Female Adapter
slip x FIPT**

Part No.	Size	L	H
435-005	1/2	1 13/16	1 1/32
435-007	3/4	1 23/32	1 5/16
435-010	1	2 7/32	1 1/8
435-012	1 1/4	2 7/32	1 1/32
435-015	1 1/2	2 15/32	1 3/16
435-020	2	2 13/32	1 1/16
435-025	2 1/2	3 13/16	1 3/4
435-030	3	3 27/32	1 27/32
435-040	4	3 15/16	1 15/16
435-050	5	5 3/32	2 3/32
435-060	6	5 3/4	2 1/4
435-080	8	7	2 1/2



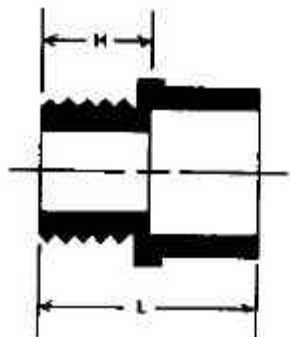
**Female Adapter
Reducing
slip x FIPT**

Part No.	Size	H	L
435-074	1/2 x 3/4	29/32	1 11/16
435-101	3/4 x 1/2	13/16	1 9/16
435-102	3/4 x 1	1 3/32	1 7/8
435-131	1 x 3/4	7/8	1 7/8
435-211	1 x 1 1/2	1 7/32	2 3/16



**Male Adapter
MIPT x slip**

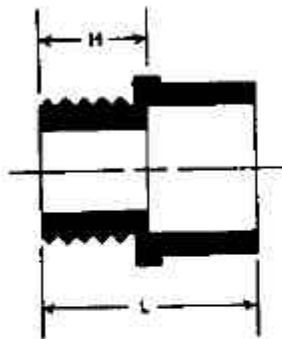
Part No.	Size	H	L
436-005	1/2	15/16	1 23/32
436-007	3/4	27/32	1 5/8
436-010	1	1 3/16	2 3/16
436-012	1 1/4	1 5/16	2 17/32
436-015	1 1/2	1 1/4	2 9/16
436-020	2	1 9/32	2 11/16
436-025	2 1/2	1 7/8	3 7/8
436-030	3	1 15/16	3 15/16
436-040	4	2 3/32	4 3/32
436-050	5	2 3/16	5 3/16
436-060	6	2 11/32	5 27/32
436-080	8	2 5/8	7 1/8



**Male Adapter
Reducing
MIPT x slip**

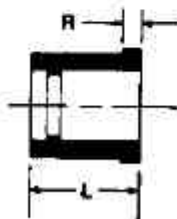
Part No.	Size	H	L
436-074	1/2 x 3/4	31/32	1 3/4
436-101	3/4 x 1/2	15/16	1 23/32
436-102	3/4 x 1	1	1 31/32
436-131	1 x 3/4	1 1/32	2 5/16
436-132	1 x 1 1/4	1 3/16	2 7/16

Schedule 40



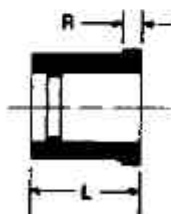
**Male Adapter
Reducing
MIPT x slip**

Part No.	Size	H	L
436-168	1 1/4 x 1	1 3/16	2 3/16
436-169	1 1/4 x 1 1/2	1 7/32	2 17/32
436-212	1 1/2 x 1 1/4	1 7/32	2 7/16
436-213	1 1/2 x 2	1 7/32	2 5/8
436-251	2 x 1 1/2	1 1/4	2 9/16
436-252	2 x 2 1/2	1 5/16	3 11/32
436-293	2 1/2 x 3	1 7/8	3 29/32
436-341	3 x 4	1 29/32	3 29/32



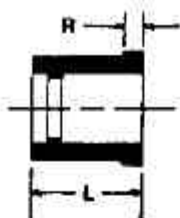
**Reducer Bushing
sp x slip**

Part No.	Size	R	L
437-073	1/2 x 3/8	5/16	1 7/32
437-101	3/4 x 1/2	1/4	1 1/16
437-130	1 x 1/2	1/4	1 1/4
437-131	1 x 3/4	1/4	1 1/4
437-166	1 1/4 x 1/2	5/16	1 9/16
437-167	1 1/4 x 3/4	1/4	1 17/32
437-168	1 1/4 x 1	5/16	1 19/32
437-209	1 1/2 x 1/2	5/16	1 5/8
437-210	1 1/2 x 3/4	5/16	1 5/8
437-211	1 1/2 x 1	5/16	1 21/32
437-212	1 1/2 x 1 1/4	5/16	1 19/32
437-247	2 x 1/2	5/16	1 23/32
437-248	2 x 3/4	5/16	1 3/4
437-249	2 x 1	5/16	1 11/16
437-250	2 x 1 1/4	5/16	1 23/32
437-251	2 x 1 1/2	5/16	1 23/32
437-287	2 1/2 x 1/2	19/32	2 19/32
437-288	2 1/2 x 3/4	9/16	2 19/32
437-289	2 1/2 x 1	5/16	2 5/8
437-290	2 1/2 x 1 1/4	1/4	2 1/4
437-290	2 1/2 x 1 1/2	5/16	2 5/16
437-292	2 1/2 x 2	5/16	2 11/32



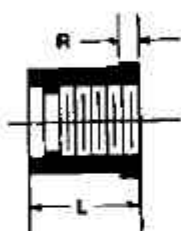
**Reducer
Bushings
sp x slip**

Part No.	Size	R	L
437-334	3 x 3/4	21/32	2 11/16
437-335	3 x 1	3/8	2 13/32
437-336	3 x 1 1/4	3/8	2 15/32
437-337	3 x 1 1/2	3/8	2 13/32
437-338	3 x 2	3/8	2 3/8
437-339	3 x 2 1/2	3/8	2 7/16



**Reducer
Bushings
sp x slip**

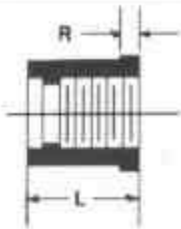
Part No.	Size	R	L
437-420	4 x 2	3/8	2 13/32
437-421	4 x 2 1/2	13/32	2 15/32
437-422	4 x 3	3/8	2 13/32
437-488	6 x 3	1/4	3 9/32
437-490	5 x 4	1/4	3 9/32
437-528	6 x 2	5/16	4 5/16
437-530	6 x 3	5/16	3 27/32
437-532	6 x 4	5/16	3 27/32
437-534	6 x 5	5/16	3 27/32
437-582	8 x 4	3/4	5 9/32
437-585	8 x 6	3/4	5 9/32



**Reducer Bushing
sp x FIPT**

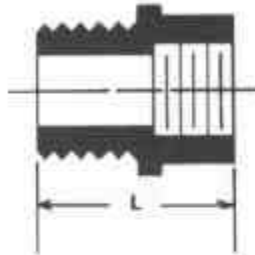
Part No.	Size	L	R
438-071	1/2 x 1/8	1 7/32	5/16
438-072	1/2 x 1/4	1 7/32	5/16
438-073	1/2 x 3/8	1 1/4	11/32
438-098	3/4 x 1/4	1 5/32	11/32
438-101	3/4 x 1/2	1 3/32	1/4
438-130	1 x 1/2	1 1/4	1/4
438-131	1 x 3/4	1 1/4	9/32
438-166	1 1/4 x 1/2	1 9/16	5/16
438-167	1 1/4 x 3/4	1 9/16	5/16
438-168	1 1/4 x 1	1 9/16	5/16
438-209	1 1/2 x 1/2	1 5/8	5/16
438-210	1 1/2 x 3/4	1 5/8	5/16
438-211	1 1/2 x 1	1 5/8	5/16
438-212	1 1/2 x 1 1/4	1 21/32	5/16
438-247	2 x 1/2	1 23/32	5/16
438-248	2 x 3/4	1 23/32	5/16
438-249	2 x 1	1 23/32	5/16
438-250	2 x 1 1/4	1 23/32	5/16
438-251	2 x 1 1/2	1 11/16	5/16
438-289	2 1/2 x 1	2 11/32	5/16
438-290	2 1/2 x 1 1/4	2 1/4	1/4
438-291	2 1/2 x 1 1/2	2 5/16	5/16
438-292	2 1/2 x 2	2 11/32	5/16
438-335	3 x 1	2 7/16	3/8
438-336	3 x 1 1/4	2 15/32	3/8
438-337	3 x 1 1/2	2 3/8	3/8
438-338	3 x 2	2 13/32	3/8
438-339	3 x 2 1/2	2 13/32	3/8
438-420	4 x 2	2 13/32	3/8
438-421	4 x 2 1/2	2 15/32	3/8
438-422	4 x 3	2 13/32	3/8

Schedule 40



Reducer Bushing
sp x FIPT

Part No.	Size	L	R
438-490	5 x 4	3 13/32	3/8
438-532	5 x 4	3 29/32	3/8



Threaded Bushing
MIPT x FIPT

Part No.	Size	L
439-005	1/2 x 1/2	1 11/16
439-052	3/8 x 1/4	29/32
439-072	1/2 x 1/4	1 1/8
439-073	1/2 x 3/8	1 5/32
439-098	3/4 x 1/4	1 1/8
439-099	3/4 x 3/8	1 5/32
439-101	3/4 x 1/2	1 1/32
439-130	1 x 1/2	1 1/16
439-131	1 x 3/4	1 1/8
439-166	1 1/4 x 1/2	1 15/32
439-167	1 1/4 x 3/4	1 7/16
439-168	1 1/4 x 1	1 5/16
439-209	1 1/2 x 1/2	1 7/16
439-210	1 1/2 x 3/4	1 15/32
439-211	1 1/2 x 1	1 7/16
439-212	1 1/2 x 1 1/4	1 7/16
439-249	2 x 1	1 15/32
439-250	2 x 1 1/4	1 7/16
439-251	2 x 1 1/2	1 7/16
439-292	2 1/2 x 2	1 13/16
439-338	3 x 2	2 1/32



Cap
slip

Part No.	Size	L	H
447-005	1/2	1 5/32	3/8
447-007	3/4	1 5/16	7/16
447-010	1	1 17/32	17/32
447-012	1 1/4	1 23/32	7/16
447-015	1 1/2	1 5/8	5/16
447-020	2	2 7/32	3/4
447-025	2 1/2	2 15/16	13/16
447-030	3	3 3/16	1
447-040	4	3 17/32	1 9/32
447-050	5	4 7/8	1 23/32
447-060	6	5 15/32	1 29/32
447-080	8	6 13/16	2 11/32



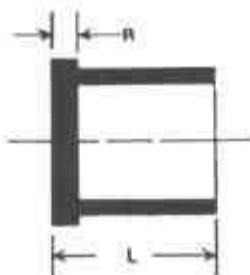
Cap
FIPT

Part No.	Size	L
448-005	1/2	1 1/8
448-007	3/4	1 5/32
448-010	1	1 1/4
448-012	1 1/4	1 9/16



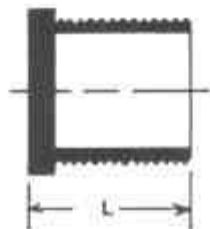
Cap
FIPT

Part No.	Size	L
448-015	1 1/2	1 5/8
448-020	2	1 3/4
448-025	2 1/2	2 1/2
448-030	3	3 3/16
448-040	4	3 1/4



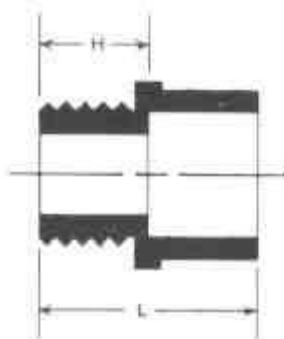
Plug
sp

Part No.	Size	L
449-005	1/2	1 1/32
449-007	3/4	1 1/16
449-010	1	1 1/4
449-012	1 1/4	1 9/16
449-015	1 1/2	1 5/8
449-020	2	1 23/32
449-025	2 1/2	2 3/8
449-030	3	2 13/32
449-040	3/8	2 13/32



Plug
MIPT

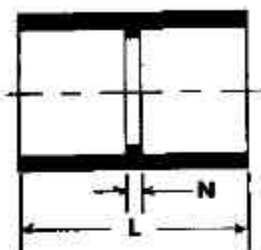
Part No.	Size	L
450-005	1/2	1 3/32
450-007	3/4	1 1/32
450-010	1	1 1/4
450-012	1 1/4	1 5/16
450-015	1 1/2	1 13/32
450-020	2	1 3/8
450-025	2 1/2	2 1/32
450-030	3	2 1/32
450-040	4	2 1/8



Adapter
insert x slip

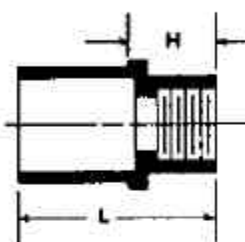
Part No.	Size	L	H
474-007	3/4	2 15/32	1 23/32
474-010	1	2 25/32	1 13/16
474-015	1 1/2	3 5/32	1 27/32

Schedule 40



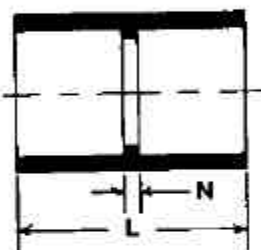
**Nested Coupling
slip**

Part No.	Size	N	L
477-005	1/2	3/32	1 11/16
477-007	3/4	1/8	1 11/16
477-010	1	1/8	2 1/16



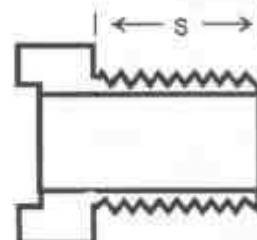
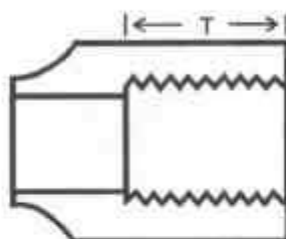
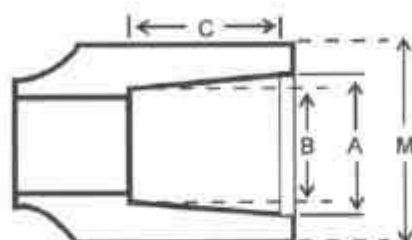
**Fitting Adapter
sp x FIPT**

Part No.	Size	L	H
478-010	1	2 9/32	1 3/16
478-012	1 1/4	2 7/16	1 7/32
478-015	1 1/2	2 5/16	1 7/32



**Deep Socket
Coupling
slip**

Part No.	Size	N	L
482-015	1 1/2	1/8	3 3/4
482-020	2	1/8	4 15/16
482-025	2 1/2	1/4	7 1/16
482-030	3	1/4	7 17/32
482-040	4	9/32	7 5/8



Size	Pipe O.D.	A (entrance)		B (bottom)		Max. Out of Round	C (socket) Depth (Min.)	T (thread) Female (Min.)	S (thread) Male (Min.)	M*
		Min.	Max.	Min.	Max.					
1/2	0.840	0.844	0.852	0.832	0.840	± .008	0.770	0.690	0.620	1.085
3/4	1.050	1.054	1.062	1.042	1.050	± .010	0.790	0.700	0.620	1.310
1	1.315	1.320	1.330	1.305	1.315	± .010	0.985	0.860	0.790	1.625
1-1/4	1.660	1.665	1.675	1.650	1.660	± .012	1.250	0.900	0.790	1.980
1-1/2	1.900	1.906	1.918	1.888	1.900	± .012	1.310	0.900	0.840	2.230
2	2.375	2.381	2.393	2.363	2.375	± .012	1.370	0.950	0.840	2.730
2-1/2	2.875	2.882	2.896	2.861	2.875	± .015	2.000	1.300	1.260	3.340
3	3.500	3.508	3.524	3.484	3.500	± .015	2.000	1.390	1.320	4.000
4	4.500	4.509	4.527	4.482	4.500	± .015	2.020	1.470	1.420	5.060
5	5.563	5.573	5.593	5.543	5.563	± .030	3.020			6.175
6	6.625	6.636	6.658	6.603	6.625	± .030	3.500	-	-	7.300
8	8.625	8.640	8.670	8.595	8.625	± .030	4.500	-	-	9.400

*1/2 to 1 1/2 = ±1/32

2 to 8 = ±1/16

Maximum Pipe Operating Pressure

Pipe Size	Maximum Operating Pressure (p.s.i.) at 73.4 °F		
	Schedule 40 Pipe Plain Ends	Schedule 80 Pipe Plain Ends	Schedule 80 Pipe Threaded Ends
1/2	600	850	420
3/4	480	690	340
1	450	630	320
1 1/4	370	520	260
1 1/2	330	470	240
2	280	400	200
2 1/2	300	420	210
3	260	370	190
4	220	320	160
5	190	290	Not Recommended
6	180	280	Not Recommended
8	160	250	Not Recommended

Temperature Correction Factors

Operating Temperature (°F)	PVC Pressure Rating Factor
75	1.00
80	0.90
90	0.75
100	0.62
110	0.50
115	0.45
120	0.40
125	0.35
130	0.30
140	0.22

Not Recommended above 140°F. Based on water service.

For more severe service, an additional correction factor may be required.

LASCO

Schedule 40-PVC

Sales Offices in Major Cities, Warehouses Nationwide:



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414 Morgan St.
Brownsville, TN 38012
901/772-3180
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Buena Park, CA 90620
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4780 Holly St., Unit-A
Denver, CO 80216
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303/388-7208

3450 Vineland Rd.
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Wood Dale, IL 60191
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1228-A Crowley Circle
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FAX 972/466-2280
800/326-5469

22473 72nd Ave. So.
Kent, WA 98032
253/672-0185
888/285-2726
FAX 253/395-0221
888/315-2726

Standards and Specifications

- ASTM D-2464** — Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40.
ASTM D-2466 — Socket Type Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40.
ASTM D-1784 — Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

MATERIAL — LASCO Schedule 40 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.