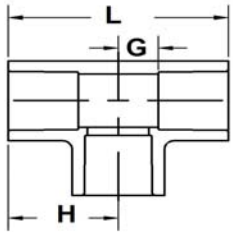
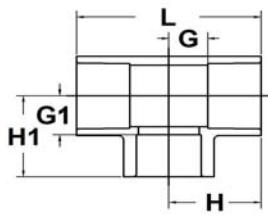


SCHEDULE 80 PVC



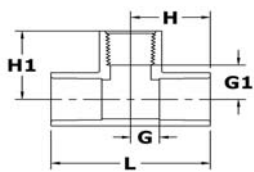
Tee				
Part No	Size (in)	L	H	G
801-002	¼	1 7/8	15/16	5/16
801-003	⅜	2 5/16	1 5/32	13/32
801-005	½	2 25/32	1 3/8	1/2
801-007	¾	3 5/32	1 9/16	9/16
801-010	1	3 25/32	1 7/8	23/32
801-012	1¼	4 9/32	2 5/32	7/8
801-015	1½	4 25/32	2 3/8	1 1/32
801-020	2	5 17/32	2 25/32	1 9/32
801-025	2½	6 17/32	3 1/4	1 1/2
801-030	3	7 7/16	3 3/4	1 27/32
801-040	4	9 1/8	4 19/32	2 11/32
801-060	6	13	6 9/16	3 9/16
801-080	8	18 5/32	9 5/32	4 21/32
801-100	10	22	11 1/32	6
801-120	12	26 1/4	13 5/32	7 5/32



Reducing Tee

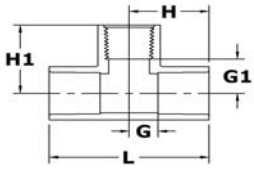
Part No	Size (in)	L	H	H1	G	G1
801-101	¾ x ¾ x ½	3 1/32	1 1/2	1 21/32	1/2	3/4
801-130	1 x 1 x ½	3 9/32	1 5/8	1 21/32	1/2	3/4
801-131	1 x 1 x ¾	3 3/4	1 15/16	1 3/4	13/16	3/4
801-168	1¼ x 1¼ x 1	4 1/4	2 1/8	2	7/8	7/8
801-210	1½ x 1½ x ¾	4 3/4	2 3/8	2	1	1
801-211	1½ x 1½ x 1	4 3/4	2 3/8	2 9/32	1 1/16	1
801-212	1½ x 1½ x 1¼	4 3/4	2 3/8	2 3/8	1	1 5/32
801-247	2 x 2 x ½	5 17/32	2 3/4	2 3/32	1 9/32	1 7/32
801-248	2 x 2 x ¾	5 17/32	2 3/4	2 1/4	1 1/4	1 1/4
801-249	2 x 2 x 1	5 17/32	2 3/4	2 3/8	1 1/4	1 1/4
801-250	2 x 2 x 1¼	5 3/32	2 17/32	2 19/32	1	1 11/32
801-251	2 x 2 x 1½	5 1/8	2 19/32	2 19/32	1 1/16	1 7/32
801-290	2½ x 2½ x 1¼	6 17/32	3 1/4	3	1 1/2	1 3/4
801-291	2½ x 2½ x 1½	6 17/32	3 1/4	2 29/32	1 1/2	1 17/32
801-292	2½ x 2½ x 2	6 1/2	3 1/4	3	1 1/2	1 1/2
801-337	3 x 3 x 1½	6 1/2	3 7/32	3 1/4	1 5/16	1 7/8
801-338	3 x 3 x 2	6 7/16	3 7/32	3 3/8	1 5/16	1 7/8
801-420	4 x 4 x 2	7 7/32	3 5/8	3 15/16	1 11/32	2 13/32
801-422	4 x 4 x 3	8 5/16	4 5/32	4 9/32	1 29/32	2 3/8
801-530	6 x 6 x 3	9 3/4	4 7/8	5 13/32	1 7/8	3 1/2
801-532	6 x 6 x 4	10 3/4	5 3/8	5 25/32	2 3/8	3 1/2
801-580	8 x 8 x 3	18 5/32	9 3/32	10 7/16	4 19/32	8 17/32
801-585*	8 x 8 x 6	18 5/32	9 3/32	9 29/32	4 19/32	6 29/32
801-623*	10 x 10 x 3	22	11 1/32	11 15/16	6 1/32	10
801-624*	10 x 10 x 4	22	11	11 15/16	6 1/32	9 21/32
801-626*	10 x 10 x 6	22	11	11 13/32	6	8 7/16
801-628*	10 x 10 x 8	22	11 1/32	11 15/32	6	7 15/32
801-666*	12 x 12 x 6	26 1/4	13 1/8	14 11/32	7 5/32	11 11/32
801-668*	12 x 12 x 8	26 1/4	13 1/8	13 19/32	7 5/32	9 9/16
801-670*	12 x 12 x 10	26 1/4	13 1/8	13 5/8	7 5/32	8 19/32

*Sized with Bushing

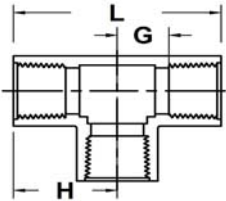


Tee

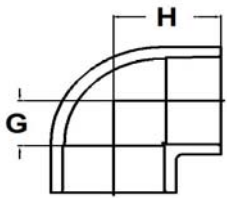
Part No	Size (in)	L	H	H1	G	G1
802-005	½	2 3/4	1 13/32	1 5/32	17/32	15/32
802-007	¾	3 7/32	1 5/8	1 1/4	5/8	9/16
802-010	1	3 3/4	1 7/8	1 7/8	3/4	11/16
802-012	1¼	4 1/4	2 1/8	2 5/32	7/8	7/8
802-015	1½	4 13/16	2 13/32	2 3/32	1 1/32	1 1/32
802-020	2	5 19/32	2 25/32	2 3/8	1 9/32	1 9/32



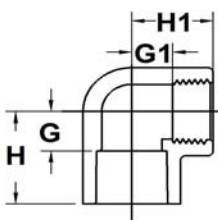
Tee						
Part No	Size (in)	L	H	H1	G	G1
802-250	2 x 2 x 1¼	5 1/8	2 9/16	2 1/2	1 1/32	1 19/32
802-251	2 x 2 x 1½	5 1/8	2 9/16	2 1/4	1 1/32	1 5/16
802-291	2½ x 2½ x 1½	6 1/2	3 1/4	2 7/16	1 1/2	1 1/2



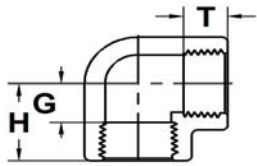
Tee				
Part No	Size (in)	L	H	G
805-002	¼	1 11/16	7/8	5/16
805-003	⅜	1 7/8	15/16	13/32
805-005	½	2 5/16	1 5/32	15/32
805-007	¾	2 17/32	1 1/4	9/16
805-010	1	3 3/4	1 7/8	21/32
805-012	1¼	4 11/32	2 5/32	27/32
805-015	1½	4 7/8	2 7/16	15/16
805-020	2	4 17/32	2 1/4	1 5/16
805-025	2½	6 1/32	3 1/32	1 19/32
805-030	3	6 15/32	3 1/4	1 3/4
805-040	4	8 1/8	4 1/16	2 1/2



90° Ell			
Part No	Size (in)	H	G
806-002	¼	15/16	5/16
806-003	⅜	1 1/8	3/8
806-005	½	1 3/8	1/2
806-007	¾	1 9/16	9/16
806-010	1	1 13/16	11/16
806-012	1¼	2 1/8	7/8
806-015	1½	2 7/16	1 1/16
806-020	2	2 3/4	1 1/4
806-025	2½	3 17/32	1 3/4
806-030	3	4 3/32	2 3/16
806-040	4	4 9/16	2 5/16
806-060	6	6 1/2	3 1/2
806-080	8	9 3/32	5 17/32
806-100	10	11 1/16	6 1/32
806-120	12	13 1/8	7 1/8

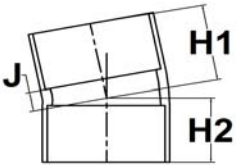


90° Ell					
Part No	Size (in)	H	H1	G	G1
807-005	½	1 3/8	1 1/3	1/2	1/2
807-007	¾	1 3/4	1 3/4	3/4	3/4
807-010	1	1 7/8	1 8/9	3/4	3/4
807-012	1¼	2 3/16	2 3/16	3/4	3/4
807-015	1½	2 3/8	1 29/32	1	1
807-020	2	2 3/4	2 1/4	1 1/4	1 1/4



90° EII

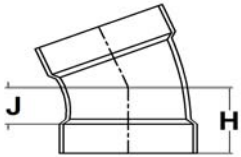
Part No	Size (in)	H	G	T
808-002	¼	27/32	5/16	9/16
808-003	⅜	15/16	13/32	17/32
808-005	½	1 3/8	1/2	7/8
808-007	¾	1 3/4	3/4	1
808-010	1	1 5/8	23/32	7/8
808-012	1¼	2 3/16	25/32	1 3/8
808-015	1½	1 29/32	1	15/16
808-020	2	2 1/4	1 9/32	1
808-025	2½	2 13/16	1 15/32	1 11/32
808-030	3	2 7/32	1 25/32	1 7/16
808-040	4	4	2 1/4	1 3/4



11½° EII

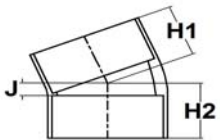
Part No	Size (in)	H1	H2	J
861-100*	10*	6 5/8	6 5/8	1
861-120*	12	7 9/32	7 7/16	1

H1 & H2 is lay length of each side



22½° EII

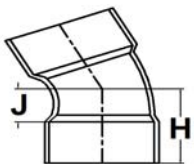
Part No	Size (in)	H	J
865-020	2	1 15/16	7/16
865-030	3	2 7/16	9/16



22½° EII

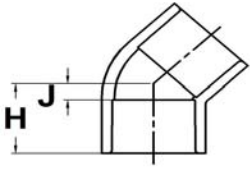
Part No	Size (in)	H1	H2	J
865-100*	10	6 15/16	7 1/16	1 1/2
865-120*	12	7 31/32	8 3/8	1 3/4

H1 & H2 is lay length of each side

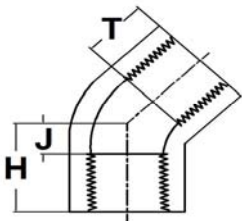


30° EII

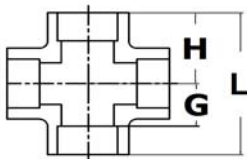
Part No	Size (in)	H	J
815-060	6	4	1



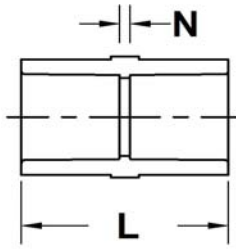
45° EI			
Part No	Size (in)	H	J
817-002	¼	13/16	1/8
817-003	⅜	15/16	3/16
817-005	½	1 1/8	1/4
817-007	¾	1 5/16	5/16
817-010	1	1 1/2	3/8
817-012	1¼	1 23/32	7/16
817-015	1½	1 7/8	1/2
817-020	2	3 3/16	11/16
817-025	2½	2 1/2	3/4
817-030	3	2 25/32	7/8
817-040	4	3 5/16	1
817-060	6	4 3/4	1 3/4
817-080	8	6 13/16	2 5/16
817-100	10	7 7/16	2 7/16
817-120	12	9	2 15/16



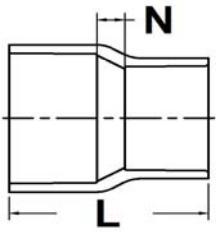
45° EI				
Part No	Size (in)	H	J	T
819-005	½	1 1/32	1/4	3/4
819-007	¾	1 3/16	3/8	13/16
819-010	1	1 11/32	3/8	1
819-012	1¼	1 13/32	3/8	1 1/32
819-015	1½	1 1/2	1/2	1 1/32
819-020	2	1 3/4	11/16	1 1/16
819-025	2½	2 17/32	31/32	1 3/8
819-030	3	2 7/16	3/4	1 11/16
819-040	4	2 25/32	1	1 25/32



Cross				
Part No	Size (in)	L	H	G
820-015	1½	4 3/4	2 3/8	1
820-020	2	6 1/8	3 1/16	1 1/4
820-030	3	8 1/4	4 1/8	1 13/16
820-040	4	9 3/4	4 7/8	2 5/8

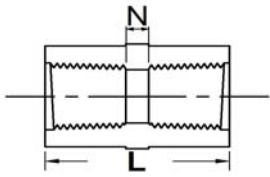


Coupling			
Part No	Size (in)	L	N
829-002	¼	1 11/32	1/16
829-003	⅜	1 5/8	1/8
829-005	½	1 7/8	1/8
829-007	¾	2 1/8	1/8
829-010	1	2 1/2	1/4
829-012	1¼	2 13/16	1/4
829-015	1½	3 1/16	1/4
829-020	2	3 5/16	1/4
829-025	2½	3 25/32	1/4
829-030	3	4	1/4
829-040	4	4 3/4	3/16
829-060	6	6 5/16	1/4
829-080	8	9 5/16	1/4
829-100	10	10 3/8	5/16
829-120	12	12 7/16	3/8



Reducer Coupling			
Part No	Size (in)	L	N
829-101	¾ x ½	2 5/32	1/8
829-131	1 x ¾	2 1/4	1/8
829-168	1¼ x 1	2 17/32	1/8
829-210	1½ x ¾	2 7/8	17/32
829-211	1½ x 1	2 21/32	1/8
829-212	1½ x 1¼	2 13/16	1/8
829-251	2 x 1½	3 1/16	1/8
829-338	3 x 2	3 5/8	3/16
829-422	4 x 3	4 3/8	1/4
829-532*	6 x 4	6 13/16	1 1/2
829-585	8 x 6	10 25/32	2 23/32
829-619*	10 x 2	11 9/32	4 3/4
829-623*	10 x 3	11 9/32	4 3/8
829-624*	10 x 4	11 9/32	4
829-626*	10 x 6	10 25/32	2 3/8

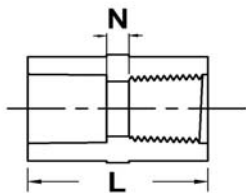
*Sized with Bushing



Coupling

Part No	Size (in)	L	N	Body Dia.
830-002	¼	1 5/16	1/4	27/32
830-005	½	2	1/4	1 5/16
830-007	¾	2 1/4	1/4	1 9/16
830-010	1	2 1/2	1/4	1 27/32
830-012	1¼	2 25/32	1/4	2 7/32
830-015	1½	3 1/16	1/4	2 1/2
830-020	2	3 5/16	1/4	3
830-025	2½	3 3/8	1/4	3 3/4
830-030	3	3 9/16	5/16	4 7/32
830-040	4	3 3/4	7/16	5 1/2

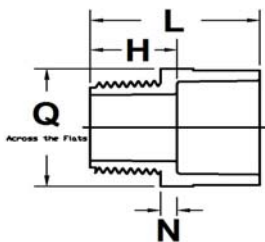
Body diameter measured across hex flats (if applicable)



Female Adapter

Part No	Size (in)	L	N	Body Dia.
835-002	¼	1 7/16	3/16	15/16
835-005	½	2	1/4	1 3/8
835-007	¾	2 1/4	1/4	1 9/16
835-010	1	2 1/2	1/4	1 7/8
835-012	1¼	2 25/32	1/4	2 7/32
835-015	1½	3 1/16	1/4	2 17/32
835-020	2	3 5/16	1/4	3 1/16
835-025	2½	3 13/16	1/4	3 5/8
835-030	3	4 1/16	1/4	4 11/32
835-040	4	4 25/32	1/4	5 1/2

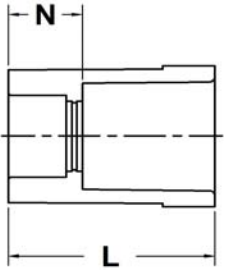
Body diameter measured across hex flats (if applicable)



Male Adapter

Part No	Size (in)	L	N	H	Q
836-005	½	1 7/8	1/4	1	1 7/32
836-007	¾	2	1/4	1 1/32	1 7/16
836-010	1	2 3/8	1/4	1 7/32	1 3/4
836-012	1¼	2 9/16	1/4	1 9/32	2 1/8
836-015	1½	2 11/16	5/16	1 5/16	2 3/8
836-020	2	2 29/32	5/16	1 3/8	2 7/8
836-025	2½	3 11/16	3/8	1 31/32	3 1/2
836-030	3	3 15/16	3/8	2	4 5/32
836-040	4	4 1/2	15/32	2 7/32	5 9/32

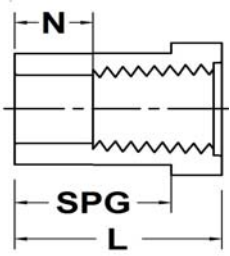
Q is Hex outside diameter measured across flats



Reducer Bushing (Flush Style)				
Part No	Size (in)	L	N	Hex O.D.
837-052	3/8 x 1/4	1	3/8	3/4
837-072	1/2 x 1/4	1 3/16	9/16	7/8
837-073	1/2 x 3/8	1 7/32	7/16	7/8
837-101	3/4 x 1/2	1 1/16	1/4	1 3/32
837-130	1 x 1/2	1 7/16	17/32	1 3/8
837-131	1 x 3/4	1 1/4	15/32	1 3/8
837-166	1 1/4 x 1/2	1 9/16	11/16	1 27/32
837-167	1 1/4 x 3/4	1 9/16	1/2	1 25/32
837-168	1 1/4 x 1	1 9/16	7/16	1 27/32
837-209	1 1/2 x 1/2	1 11/16	13/16	2 1/16
837-210	1 1/2 x 3/4	1 11/16	5/8	2 1/16
837-211	1 1/2 x 1	1 11/16	9/16	2 1/32
837-212	1 1/2 x 1 1/4	1 11/16	15/32	2 1/16
837-247	2 x 1/2	1 13/16	15/16	2 1/2
837-248	2 x 3/4	1 13/16	25/32	2 1/2
837-249	2 x 1	1 13/16	25/32	2 1/2
837-250	2 x 1 1/4	1 13/16	9/16	2 1/2
837-251	2 x 1 1/2	1 13/16	3/8	2 7/16
837-289	2 1/2 x 1	2 5/16	1 1/4	2 15/16
837-290	2 1/2 x 1 1/4	2.31	1.07	3
837-291	2 1/2 x 1 1/2	2 5/16	29/32	2 15/16
837-292	2 1/2 x 2	2 7/32	11/16	2 15/16
837-335	3 x 1	2 15/32	1 5/16	3 9/16
837-336	3 x 1 1/4	2 7/16	1 3/16	3 9/16
837-337	3 x 1 1/2	2 15/32	1 3/32	3 9/16
837-338	3 x 2	2 1/4	3/4	3 17/32
837-339	3 x 2 1/2	2 15/32	11/16	3 5/8
837-420	4 x 2	2 13/16	1 9/32	4 9/16
837-421*	4 x 2 1/2	3 7/32	1 7/16	3 5/8
837-422	4 x 3	2 21/32	23/32	4 9/16
837-528	6 x 2	3 17/32	2	6 15/16
837-530	6 x 3	3 17/32	1 21/32	6 15/16
837-532	6 x 4	3 17/32	1 3/4	6 15/16
837-585	8 x 6	5 5/16	2 5/16	8 3/4
837-624*	10 x 4	5 31/32	3 11/16	6 31/32
837-626	10 x 6	5 7/16	2 7/16	11 9/16
837-628	10 X 8	5 7/16	1 7/16	11 9/16
837-666*	12 x 6	6 7/8	2 7/8	11 19/32
837-668	12 x 8	6 13/32	2 3/8	13 3/4
837-670	12 x 10	6 15/32	1 7/16	13 3/4

*Sized with Bushing

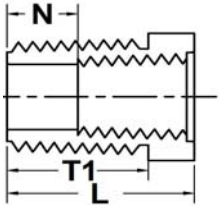
Hex outside diameter measured across hex flats



Reducer Bushing (Flush Style)

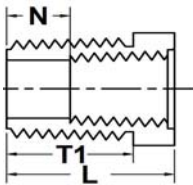
Part No	Size (in)	L	N	SPG	Hex O.D.
838-052	3/8 x 1/4	1	3/8	25/32	13/16
838-072	1/2 x 1/4	1 3/16	15/32	7/8	7/8
838-098	3/4 x 1/4	1 7/32	5/8	1	1 3/16
838-101	3/4 x 1/2	1 1/16	1/4	25/32	1 1/16
838-130	1 x 1/2	1 1/4	1/2	1	1 3/8
838-131	1 x 3/4	1 1/4	13/32	1	1 11/32
838-166	1 1/4 x 1/2	1 9/16	1/2	1 1/4	1 25/32
838-167	1 1/4 x 3/4	1 9/16	3/4	1 1/4	1 13/16
838-168	1 1/4 x 1	1 9/16	19/32	1 1/4	1 13/16
838-209	1 1/2 x 1/2	1 5/8	7/8	1 5/16	2
838-210	1 1/2 x 3/4	1 5/8	3/4	1 5/16	2
838-211	1 1/2 x 1	1 11/16	13/16	11/16	2 1/16
838-212	1 1/2 x 1 1/4	1 11/16	5/16	1 3/8	2 1/16
838-247	2 x 1/2	1 11/16	13/16	1 3/8	2 1/2
838-248	2 x 3/4	1 11/16	15/16	1 3/8	2 1/2
838-249	2 x 1	1 11/16	5/8	1 3/8	2 1/2
838-250	2 x 1 1/4	1 13/16	15/16	1 1/2	2 9/16
838-251	2 x 1 1/2	1 13/16	3/8	1 1/2	2 9/16
838-292	2 1/2 x 2	2 5/16	3/4	2	3 1/8
838-338	3 x 2	2 5/16	1 11/32	1 29/32	3 17/32
838-339	3 x 2 1/4	2 3/8	13/16	2	3 5/8
838-420	4 x 2	2 7/16	1 1/2	2	4 1/2
838-422	4 x 3	2 21/32	7/8	2 1/4	4 9/16
838-532	6 x 4	3 15/32	2 1/8	2 31/32	6 3/4

Hex outside diameter measured across hex flats



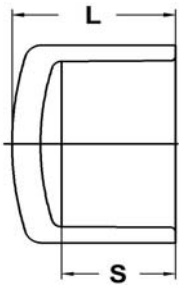
Reducer Bushing (Flush Style)

Part No	Size (in)	L	N	T1
839-052	3/8 x 1/4	7/8	1/4	21/32
839-072	1/2 x 1/4	1 1/8	1/2	3/4
839-073	1/2 x 3/8	1 1/8	1/2	25/32
839-098	3/4 x 1/4	1 1/8	1/2	25/32
839-099	3/4 x 3/8	1 1/8	1/2	25/32
839-101	3/4 x 1/2	1	5/16	11/16
839-128	1 x 1/4	1 1/8	9/16	25/32
839-129	1 x 3/8	1 7/16	3/4	31/32
839-130	1 x 1/2	1 7/16	0.62	15/16
839-131	1 x 3/4	1 1/8	3/8	3/4
839-166	1 1/4 x 1/2	1 11/32	0.55	7/8
839-167	1 1/4 x 3/4	1 5/16	17/32	7/8
839-168	1 1/4 x 1	1 5/16	5/16	7/8
839-209	1 1/2 x 1/2	13/32	5/8	31/32
839-210	1 1/2 x 3/4	1 7/16	5/8	1
839-211	1 1/2 x 1	1 7/16	1/4	1
839-212	1 1/2 x 1 1/4	1 7/16	13/32	1
839-247	2 x 1/2	13/32	5/8	1
839-248	2 x 3/4	1 7/16	5/8	1 1/16
839-249	2 x 1	1 7/16	15/32	1 1/16
839-250	2 x 1 1/4	1 7/16	15/32	1 1/16
839-251	2 x 1 1/2	1 1/2	15/32	1 3/32
839-292	2 1/2 x 2	1 13/16	3/4	1 9/16
839-337	3 x 1 1/2	2 1/16	31/32	1 5/8
839-338	3 x 2	2 1/32	1	1 5/8
839-339	3 x 2 1/2	2 1/16	1/2	1 5/8
839-420	4 x 2	2 1/16	1	1 11/16
839-422	4 x 3	2 1/8	1/2	1 3/4

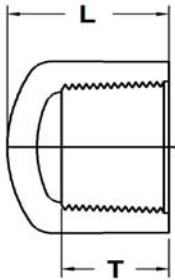


Reducer Bushing (Flush Style)

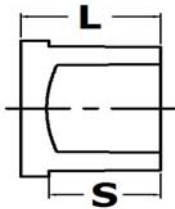
Part No	Size (in)	L	N	T1
845-249	2 x 1	1 1/2	15/32	1 1/16



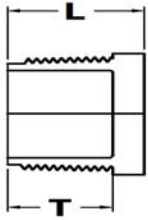
Cap			
Part No	Size (in)	L	S
847-002	¼	31/32	5/8
847-003	⅜	1	3/4
847-005	½	1 7/32	15/16
847-007	¾	1 3/8	1
847-010	1	1 5/8	1 1/8
847-012	1¼	1 13/16	1 9/32
847-015	1½	2	1 13/32
847-020	2	2 3/32	1 1/2
847-025	2½	2 11/16	1 7/8
847-030	3	2 31/32	1 31/32
847-040	4	3 1/8	2 1/2
847-060	6	4 15/16	3 1/16
847-080	8	6 9/16	4 3/8
847-100	10	8 1/2	5 1/32
847-120	12	10 7/32	6



Cap			
Part No	Size (in)	L	T
848-002	¼	15/16	5/8
848-003	⅜	31/32	17/32
848-005	½	1 3/16	13/16
848-007	¾	1 3/8	1
848-010	1	1 19/32	1 3/16
848-012	1¼	1 3/4	2 7/32
848-015	1½	2	1 3/8
848-020	2	2 1/16	1 1/2
848-025	2½	2 11/16	1 13/16
848-030	3	2 31/32	1 15/16
848-040	4	2 1/2	1 11/16



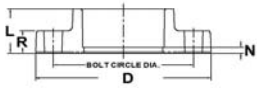
Plug			
Part No	Size (in)	L	S
849-007	¾	1 9/32	1 1/32
849-010	1	1 13/32	1 1/8
849-012	1¼	1 5/8	1 9/32
849-015	1½	1 11/16	1 3/8
849-020	2	1 29/32	1 1/2



Plug

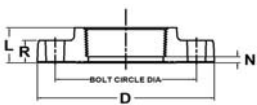
Part No	Size (in)	L	T
850-002	¼	7/8	5/8
850-003	⅜	29/32	5/8
850-005	½	1	3/4
850-007	¾	1 1/16	25/32
850-010	1	1 1/4	1
850-012	1¼	1 9/32	27/32
850-015	1½	1 3/16	7/8
850-020	2	2	1 5/8
850-025	2½	2 1/16	1 21/32
850-030	3	2 1/8	1 3/4
850-040*	4	2 5/32	1 3/4

*Overall Length includes protruding feature on top of part



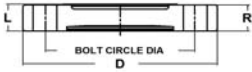
Flange (Solid Style)

Part No	Size (in)	D	L	N	R	Bolt Circle Dia.
851-005	½	3 1/2	1	1/8	15/32	2 11/32
851-007	¾	3 29/32	1 5/32	1/8	1/2	2 3/4
851-010	1	4 9/32	1 9/32	3/16	19/32	3 3/32
851-012	1¼	4 21/32	1 13/32	3/16	5/8	3 7/16
851-015	1½	5	1 17/32	1/8	11/16	3 27/32
851-020	2	6 1/32	1 11/16	3/16	25/32	4 3/4
851-025	2½	7	2 3/32	5/16	15/16	5 1/2
851-030	3	7 1/2	2 1/8	1/4	1	6
851-040	4	9	2 1/2	1/4	1	7 7/16
851-060	6	10 31/32	3 7/16	7/16	1 5/16	9 1/2



Flange (Solid Style)

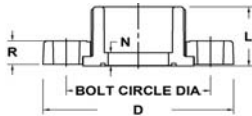
Part No	Size (in)	D	L	N	R	Bolt Circle Dia.
852-005	½	3 1/2	15/16	3/16	7/16	2 11/32
852-007	¾	3 7/8	1 1/8	5/16	1/2	2 3/4
852-010	1	4 1/4	1 3/16	3/16	9/16	3 1/8
852-012	1¼	4 5/8	1 3/8	1/4	5/8	3 15/32
852-015	1½	5	1 1/2	13/32	23/32	3 7/8
852-020	2	6 3/32	1 11/16	19/32	25/32	4 23/32
852-025	2½	7	1 7/8	3/16	7/8	5 15/32
852-030	3	7 1/2	1 7/8	13/32	1	6
852-040	4	9 3/32	2 3/8	9/16	15/16	7 7/16



Flange

Part No	Size (in)	D	L	R	Bolt Circle Dia.
853-005	½	3 1/2	1/2	7/16	2 3/8
853-007	¾	3 7/8	1/2	7/16	2 3/4
853-010	1	4 1/4	19/32	19/32	3 1/8
853-012	1¼	4 5/8	5/8	9/16	3 1/2
853-015	1½	5	13/16	23/32	3 7/8
853-020	2	6	15/16	3/4	4 3/4
853-025	2½	7	1	29/32	5 7/16
853-030	3	7 1/2	1	7/8	6
853-040	4	9	1 3/8	1 1/8	7 1/2
853-060	6	11	1 1/2	1 3/4	9 1/2
853-080	8	13 1/2	1 5/8	1 7/16	11 3/4

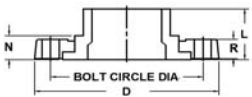
Flange (Loose Ring)



Part No	Size (in)	D	L	N	R	Bolt Circle Dia.
854-005	½	3 1/2	1	1/8	19/32	2 3/8
854-007	¾	3 7/8	1 5/32	1/8	19/32	2 3/4
854-010	1	4 1/4	1 3/8	1/8	21/32	3 1/8
854-012	1¼	4 5/8	1 1/2	1/8	11/16	3 1/2
854-015	1½	5	1 11/16	1/4	3/4	3 7/8
854-020	2	6	1 3/4	3/16	13/16	4 3/4
854-030FT	3	7 19/32	2 1/8	3/16	1	6
854-040FT	4	9 1/16	2 1/2	1/4	1 7/32	7 7/16
854-050FT	5	10	2 7/8	1/4	1 1/4	8 1/2
854-060FT	6	10 15/16	3 9/32	1/4	1 5/16	9 1/2
854-080FT	8	13 9/16	4 1/2	1/4	1 1/2	11 3/4
854-100FT	10	16	6	7/16	1 9/16	14 3/8
854-120FT	12	19 1/32	7 17/32	9/16	1 11/16	17

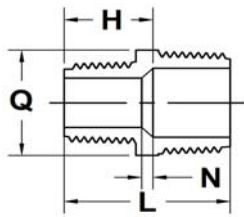
FT Represents FiberTuff Ring.

Flange (Loose Ring)



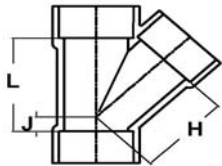
Part No	Size (in)	D	L	N	R	Bolt Circle Dia.
856-005	½	3 1/2	1 3/4	7/8	17/32	2 3/8
856-007	¾	3 7/8	1 7/8	13/16	19/32	2 3/4
856-010	1	4 1/4	2 1/8	15/16	21/32	3 1/8
856-012	1¼	4 5/8	2 9/32	31/32	11/16	3 1/2
856-015	1½	5	2 1/2	1 1/16	3/4	3 7/8
856-020	2	6	2 13/16	1 7/32	13/16	4 3/4
856-030FT	3	7 19/32	3 11/32	1 5/16	1	5 15/16
856-040FT	4	9	3 7/8	1 5/8	1 7/32	7 7/16
856-050FT	5	10	4 1/2	1 1/2	1 1/4	8 1/2
856-060FT	6	10 15/16	4 11/16	1 19/32	1 5/16	9 1/2
856-080FT	8	13 9/16	6 1/4	1 11/16	1 15/32	11 3/4
856-100FT	10	16	7 13/32	1 7/8	1 9/16	14 3/8
856-120FT	12	19	9	1 15/16	1 21/32	17 1/32

FT Represents FiberTuff Ring.



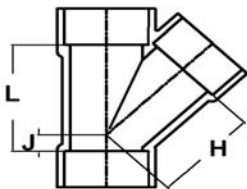
Reducing TBE Nipple

Part No	Size (in)	L	N	H	Q
882-101	¾ x ½	1 1/2	1/8	25/32	1 1/8



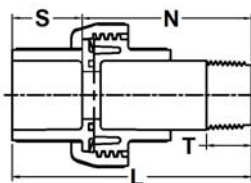
WYE

Part No	Size (in)	L	J	H
875-020	2	3 19/32	5/8	3
875-040	4	6 9/16	1	5 3/4
875-060	6	9 1/2	1 13/32	8 1/16
875-080	8	13 9/32	2 1/32	11 1/4



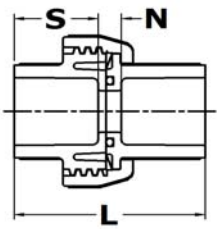
Reducing WYE

Part No	Size (in)	L	J	H
876-420*	4 x 4 x 2	6 9/16	1	7 1/32
876-422*	4 x 4 x 3	6 9/16	1	6 1/2
876-528*	6 x 6 x 2	6 19/32	0	8 7/16
876-530*	6 x 6 x 3	6 19/32	0	7 27/32
876-532	6 x 6 x 4	6 19/32	0	7 1/8
876-578*	8 x 8 x 2	8	3/8	10 13/16
876-580*	8 x 8 x 3	8	3/8	10 1/4
876-582	8 x 8 x 4	8	3/8	9 1/2
876-585*	8 x 8 x 6	13 9/32	2 3/32	16 1/16



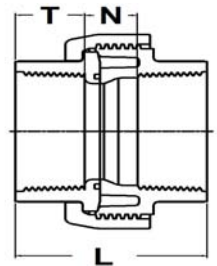
Union (O-Ring Type)

Part No	Size (in)	L	S	N	T
896-005	½	3 1/4	15/16	2 5/16	25/32
896-007	¾	3 21/32	1 1/16	2 19/32	5/8
896-010	1	3 27/32	1 3/16	2 11/16	13/16
896-012	1¼	4 1/8	1 5/16	2 13/16	1 1/8
896-015	1½	5 9/32	1 7/16	3 27/32	1
896-020	2	5 1/16	1 19/32	3 1/2	1 1/4
896-030	3	5 1/2	2	3 1/2	1 3/32
896-168	1¼ x 1	4 7/32	1 5/16	2 29/32	15/16



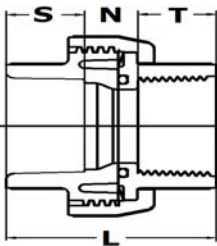
Union (O-Ring Type)

Part No	Size (in)	L	N	S
897-002	¼	1 5/8	3/8	5/8
897-003	⅜	1 15/16	13/32	25/32
897-005	½	2 5/32	5/16	15/16
897-007	¾	2 7/16	1/4	1 3/32
897-010	1	2 23/32	3/8	1 3/16
897-012	1¼	3	3/8	1 5/16
897-015	1½	3 1/4	3/8	1 7/16
897-020	2	3 9/16	7/16	1 19/32
897-030	3	4 7/16	15/32	2



Union (O-Ring Type)

Part No	Size (in)	L	N	T
898-005	½	1 15/16	1/2	23/32
898-007	¾	2	17/32	3/4
898-010	1	2 3/8	19/32	7/8
898-012	1¼	2 7/16	5/8	15/16
898-015	1½	2 17/32	11/16	15/16
898-020	2	2 29/32	15/16	1
898-030	3	4	1 1/8	1 7/16
898-040	4	4 11/16	1 5/8	1 17/32



Union (O-Ring Type)

Part No	Size (in)	L	N	S	T
899-005	½	2 5/32	17/32	15/16	23/32
899-007	¾	2 11/32	17/32	1 3/32	3/4
899-010	1	2 3/8	5/16	1 3/16	7/8
899-012	1¼	2 27/32	19/32	1 5/16	15/16
899-015	1½	3	11/16	1 7/16	29/32
899-020	2	3 15/32	27/32	1 19/32	1 1/32