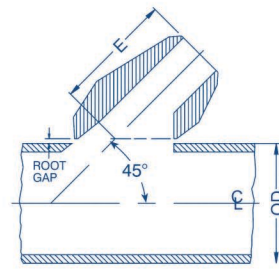
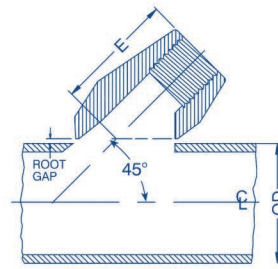


45° CONNECTIONS

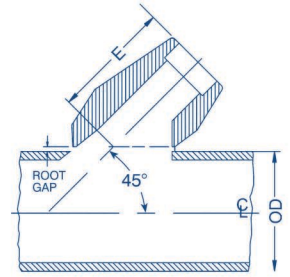
FORGED



BUTT WELD

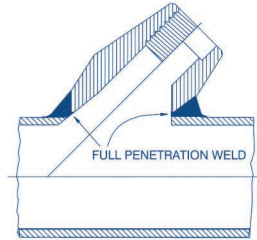


THREADED



SOCKET-WELD

45° BRANCH CONNECTIONS THREADED, SOCKET-WELD AND BUTT-WELD ENDS



Nominal Run Pipe Size	Outlet Size	Dimensions			
		CL 3000 Threaded and Socket-Weld	CL 6000 Threaded and Socket-Weld	STD & XS Butt-Weld	Sch. 160 and XXS Butt-Weld
		E	E	E	E
2-1/2 - 1-1/4 12 - 3	1/4	1-9/16	1-9/16	1-9/16	
2-1/2 - 1-1/4 12 - 3	3/8	1-9/16	1-9/16	1-9/16	
2-1/2 - 1-1/4 12 - 3	1/2	1-9/16	1-15/16	1-9/16	1-7/8
1-1/2 - 1-1/4 5 - 2 12 - 6	3/4	1-15/16	2-1/4 2-1/4 2-5/16	1-15/16	2-1/8
2-1/2 - 2 5 - 3 12 - 6	1	2-1/4 2-1/4 2-5/16	2-1/2	2-1/4 2-1/4 2-5/16	2-7/16
2-1/2 - 2 5 - 3 12 - 6	1-1/4	2-1/2	2-11/16	2-1/2	2-15/16
2-1/2 - 2 5 - 3 12 - 6	1-1/2	2-11/16	3-3/16	2-11/16	3-1/4
5 - 4 8 - 6 12 - 10	2	3-3/16		3-7/16	
Order to Specific Run Pipe Sizes	3				
	4				

Also available for run sizes through 36".
See footnotes at bottom of page 15.