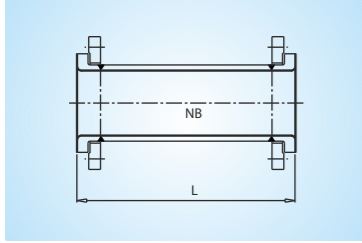


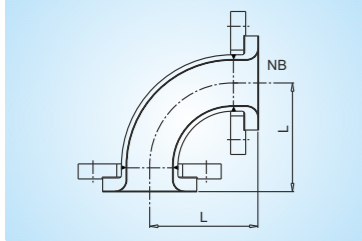


STRAIGHT PIPES



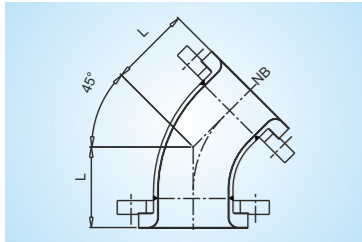
NB	MM	25	32	40	50	65	80	100	125	150	200	250	300
	INCH	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L (MIN-MAX)		100-400	100-400	100-500	100-600	100-600	100-800	100-1000	150-1000	150-1500	150-1500	150-1500	150-2000

90° ELBOWS



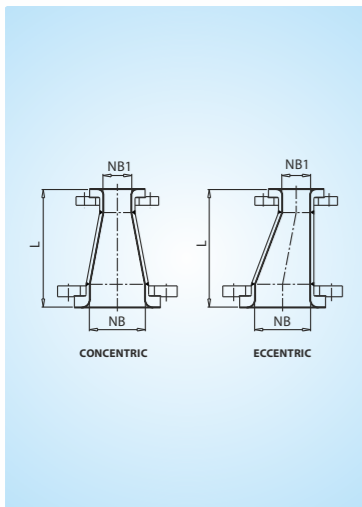
NB	MM	25	32	40	50	65	80	100	125	150	200	250	300
	INCH	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L		90	100	105	115	120	135	155	175	195	260	315	350

45° ELBOWS



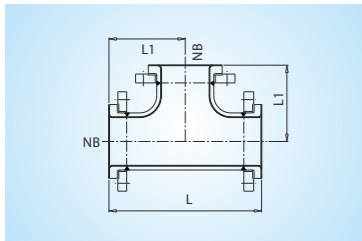
NB	MM	25	32	40	50	65	80	100	125	150	200	250	300
	INCH	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L		60	65	70	80	85	95	105	125	150	180	220	260

REDUCERS



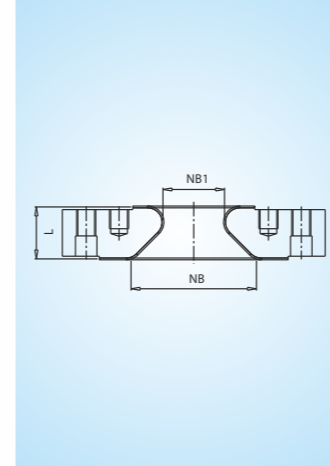
NB	NB1	25	32	40	50	65	80	100	125	150	200	250
		MM	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
32	1 1/4"	140										
40	1 1/2"	140	140									
50	2"	140	140	140								
65	2 1/2"	150	150	150	150							
80	3"		160	160	160	160						
100	4"			175	175	175	175					
125	5"				200	200	200	200				
150	6"					225	225	225	225			
200	8"							250	250	250		
250	10"								300	300	300	
300	12"									350	350	350

TEES

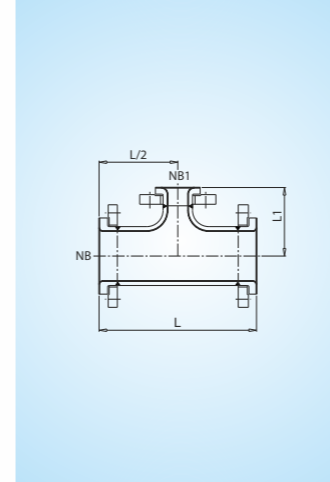


NB	MM	25	32	40	50	65	80	100	125	150	200	250	300
	INCH	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L		180	200	210	230	240	270	310	350	390	520	630	700
L1		90	100	105	115	120	135	155	175	195	260	315	350

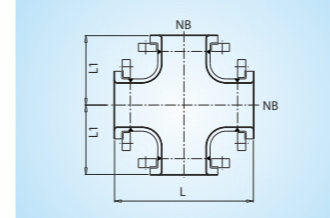
REDUCING FLANGES



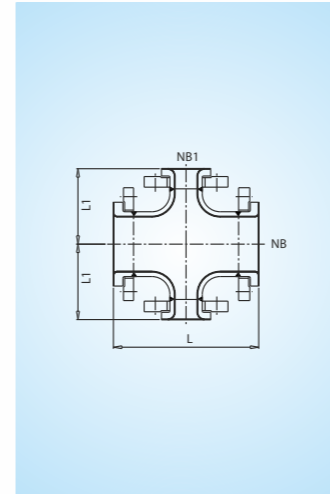
REDUCING TEES



CROSSES



REDUCING CROSSES



NB	NB1	25	32	40	50	65	80	100	125	150	200
		MM	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
32	1 1/4"	35									
40	1 1/2"	35	35								
50	2"	35	35	35							
65	2 1/2"	35	35	35	35						
80	3"	35	35	35	35	35					
100	4"	45	45	45	45	45	45				
125	5"			45	45	45	45	45			
150	6"				45	45	45	45	45		
200	8"					45	45	45	45	45	
250	10"							45	45	45	45

NB	NB1	L	25	32	40	50	65	80	100	125	150	200	250
			MM	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
32	1 1/4"	200	95										
40	1 1/2"	210	95	100									
50	2"	230	100	105	110								
65	2 1/2"	240	105	110	115	120							
80	3"	270	115	120	125	130	135						
100	4"	310	125	130	135	140	145	150					
125	5"	350	140	145	150	155	160	165	170				
150	6"	390	155	160	165	170	175	180	185	190			
200	8"	520	185	190	195	200	205	210	215	220	225		
250	10"	630	230	235	240	245	250	255	260	265	270	275	
300	12"	700	290	295	300	305	310	315	320	325	330	335	340

NB	MM	25	32	40	50	65	80	100	125	150	200	250	300
	INCH	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L		180	200	210	230	240	270	310	350	390	520	630	700
L1		90	100	105	115	120	135	155	175	195	260	315	350

NB	NB1	L	25	32	40	50	65	80	100	125	150	200	250
			MM	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
32	1 1/4"	200	95										
40	1 1/2"	210	95	100									
50	2"	230	100	105	110								
65	2 1/2"	240	105	110	115	120							
80	3"	270	115	120	125	130	135						
100	4"	310	125	130	135	140	145	150					
125	5"	350	140	145	150	155	160	165	170				
150	6"	390	155	160	165	170	175	180	185	190			
200	8"	520	185	190	195	200	205	210	215	220	225		
250	10"	630	230	235	240	245	250	255	260	265	270	275	
300	12"	700	290	295	300	305	310	315	320	325	330	335	340