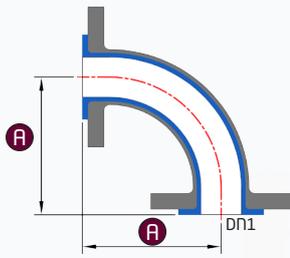
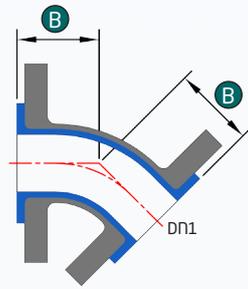


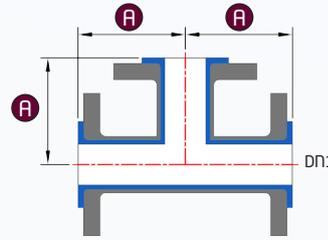
DIN 2848 PN 10



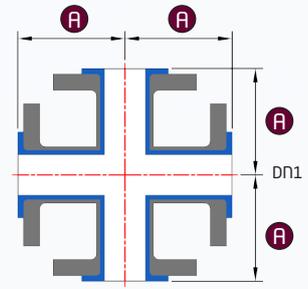
90° Elbow
(Type B ≤ DN40, Type A ≥ DN50)



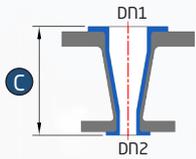
45° Elbow
(Type C ≤ DN40, Type D ≥ DN50)



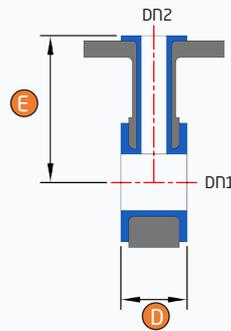
Equal Tee



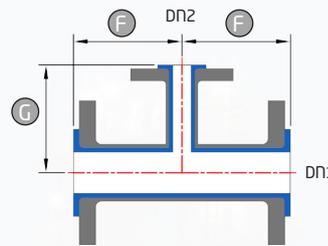
Equal Cross



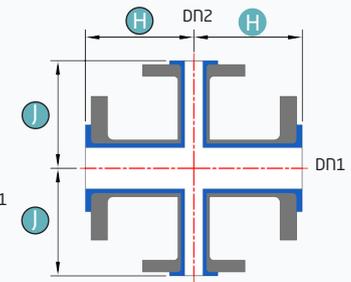
Concentric Reducer (Type K)



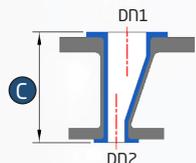
Instrument Tee



Reducing Tee



Reducing Cross

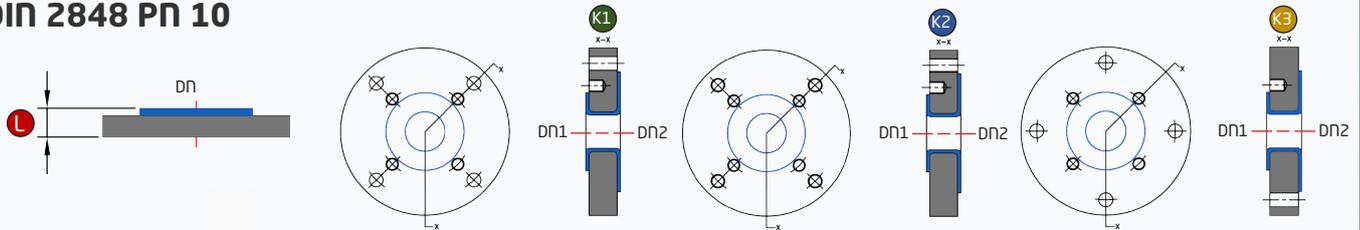


Eccentric Reducer (Type E)

DN2 \ DN1	-	20	25	32	40	50	65	80	100	125	150	200	250	300
20	95													
	65													
25	110	125	50, 90											
	70	110, 95												
32	130	130	130											
	80	130, 100	130, 110											
			50, 100											
			130, 110											
40	150	145	145	150										
	90	150, 110	150, 110	150, 130										
			50, 110		75, 110									
			150, 100											
50	120		160	165	165									
	80		120, 110	120, 130	120, 150									
			50, 115		75, 115	90, 115								
			120, 110		120, 150									
65	140		50, 125	180	180	185								
	85			140, 130	140, 150	140, 120								
					140, 150	140, 120								
80	165		50, 135		185	190	190							
	100		165, 120		165, 150	165, 120	165, 140							
					165, 150	165, 120								
100	205		50, 150		75, 150	200	200	205						
	115		205, 150			205, 120	205, 140	205, 165						
						205, 150		205, 165						
125	245		50, 160		75, 160	90, 160	230	235	235					
	135						245, 140	245, 165	245, 205					
								245, 165	245, 205					
150	285		50, 180		75, 180	90, 180		250	250	250				
	150							285, 165	285, 205	285, 245				
								285, 205	285, 205					
200	365		50, 210		75, 210	90, 210			270	270	270			
									365, 205	365, 245	365, 285			
									365, 205		365, 285			
250	450		50, 240		75, 240	90, 240				305	305	310		
										450, 245	450, 285	450, 365		
											450, 285	450, 365		
300	525		90, 340		110, 340	120, 340					330	335	340	
											525, 285	525, 365	525, 450	
											525, 285	525, 365	525, 450	
350	600		90, 375		110, 375	120, 375						465	465	465
												600, 365	600, 450	600, 525
												600, 365	600, 450	600, 525

A	D, E
B	F, G
C	H, J

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Blank Flanges

Reducing Flange (Type K1)

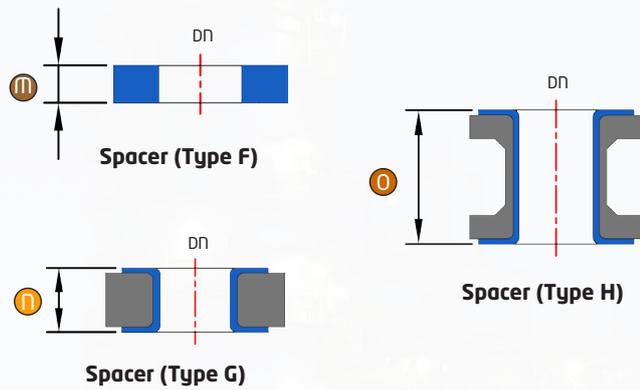
Reducing Flange (Type K2)

Reducing Flange (Type K3)

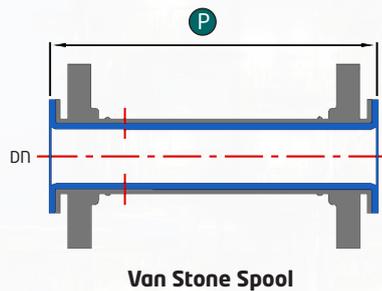
DN2 \ DN1	L	20	25	32	40	50	65	80	100	125	150	200	250	300
20	21													
25	21	35												
32	21	35	35											
40	21	35	35	35										
50	21	35	35	35	35									
65	21	35	35	35	35	35								
80	23.5		35	35	35	35	35							
100	24.5		45	45	45	45	45	45						
125	26.5			45	45	45	45	45	45					
150	27				45	45	45	45	45	45				
200	29					45	45	45	45	45	45			
250	31						45	45	45	45	45	45		
300	31							50	50	50	50	50	50	
350	31								50	50	50	50	50	50

K1
K2
K3

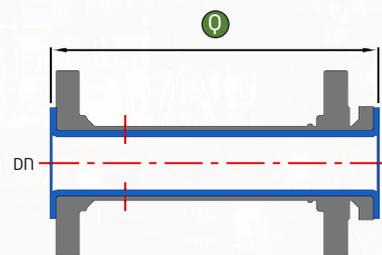
DN	M Max.	N Max.	O Max.
20	25	60	100
25	25	60	100
32	25	60	100
40	25	60	100
50	25	70	150
65	25	70	150
80	25	70	150
100	25	70	150
125	25	70	150
150	25	80	150
200	25	80	200
250	25	80	200
300	25	80	200
350	25	80	200



DN	P Min.	P Max.	Q Min.	Q Max.
20	250	6000	90	6000
25	250	6000	90	6000
32	250	6000	90	6000
40	250	6000	95	6000
50	250	6000	110	6000
65	250	6000	110	6000
80	250	6000	120	6000
100	250	6000	125	6000
125	500	6000	140	6000
150	500	6000	140	6000
200	500	3000	150	3000
250	n/a	3000	165	3000
300	n/a	3000	170	3000
350	n/a	3000	190	3000



Van Stone Spool



Fixed/Rotating Spool