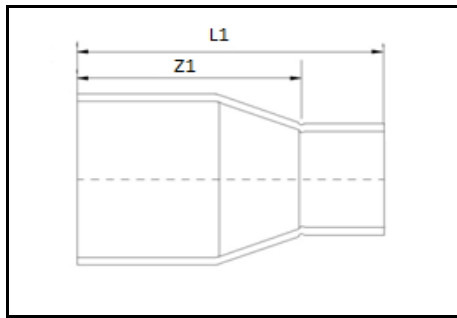


**SERIES 9000**  
**COPPER ENDFEED FITTINGS DIMENSIONS**  
**(mm)**

<b>REDUCER STRAIGHT COUPLER (Female / Female)</b>			
<b>ARTICLE CODE</b>	<b>ACR NOMINAL</b>	<b>Z1</b>	<b>L1</b>
9600 004002000	1/2x1/4"	8,90	25,00
9600 004003000	1/2x3/8"	4,76	22,30
9600 003002000	3/8"x1/4"	6,20	20,50
9600 005002000	5/8x1/4"	8,73	27,83
9600 005003000	5/8x3/8"	9,40	30,00
9600 005004000	5/8x1/2"	4,76	29,10
9600 006003000	3/4x3/8"	10,40	33,92
9600 006004000	3/4x1/2"	8,60	34,00
9600 006005000	3/4x5/8"	4,76	33,50
9600 007003000	7/8x3/8"	9,00	36,00
9600 007004000	7/8"x1/2"	11,20	40,00
9600 007005000	7/8x5/8"	7,20	39,00
9600 007006000	7/8x3/4"	7,20	42,00
9600 009004000	11/8x1/2"	10,32	43,12
9600 009005000	11/8x5/8"	13,00	49,00
9600 009006000	11/8"x3/4"	13,00	51,85
9600 009007000	11/8x7/8"	8,00	51,00
9600 011005000	13/8x5/8"	11,11	48,41
9600 011006000	13/8x3/4"	15,08	55,38
9600 011007000	13/8x7/8"	13,30	57,00
9600 011009000	13/8x11/8"	8,00	56,00
9600 013005000	15/8x5/8"	12,70	53,10
9600 013007000	15/8x7/8"	9,53	56,33
9600 013009000	15/8x11/8"	17,15	68,00
9600 013011000	15/8x13/8"	12,10	64,50
9600 017009000	21/8x11/8"	11,11	68,21
9600 017011000	21/8x13/8"	17,46	76,06
9600 017013000	21/8x15/8"	14,30	76,00
9600 021011000	25/8"x13/8"	20,64	82,54
9600 021013000	25/8"x15/8"	17,46	82,46
9600 021017000	25/8"x21/8"	12,70	84,00
9600 025013000	31/8"x15/8"	26,19	96,09
9600 025017000	31/8"x21/8"	23,81	100,01
9600 025021000	31/8"x25/8"	12,70	92,20
9600 033029000	41/8"x35/8"	15,08	118,50



<b>SERIES 9000</b> <b>COPPER ENDFEED FITTINGS DIMENSIONS (mm)</b>				
<b>FITTING REDUCER</b> <b>(Male / Female)</b>				
ARTICLE CODE	ACR NOMINAL	Z1	L1	RESPONSABILITY
9600A003002000	3/8x1/4"	11,90	20,00	Córdoba
9600A004002000	1/2x1/4"	19,85	27,72	Córdoba
9600A004003000	1/2x3/8"	15,08	23,00	Córdoba
9600A005003000	5/8x3/8"	19,85	27,75	Córdoba
9600A005004000	5/8x1/2"	17,50	27,15	Córdoba
9600A006003000	3/4x3/8"	26,20	34,10	Córdoba
9600A006004000	3/4x1/2"	24,80	34,50	Córdoba
9600A006005000	3/4x5/8"	22,22	34,92	Córdoba
9600A007003000	7/8x3/8"	28,10	36,00	Córdoba
9600A007004000	7/8x1/2"	29,30	39,00	Córdoba
9600A007005000	7/8x5/8"	28,60	41,50	Córdoba
9600A007006000	7/8x3/4"	24,30	40,00	Córdoba
9600A009004000	1.1/8x1/2"	32,60	42,25	Córdoba
9600A009005000	1.1/8x5/8"	35,60	48,50	Córdoba
9600A009006000	1.1/8x3/4"	34,92	50,70	Córdoba
9600A009007000	1.1/8x7/8"	30,95	50,00	Córdoba
9600A011005000	1.3/8"x5/8"	34,93	47,63	Córdoba
9600A011007000	1.3/8x7/8"	38,10	57,15	Córdoba
9600A011009000	1.3/8x1.1/8"	33,34	56,45	Córdoba
9600A013007000	1.5/8x7/8"	39,00	58,00	Córdoba
9600A013009000	1.5/8x1.1/8"	41,30	64,41	Córdoba
9600A013005000	1.5/8"x5/8"	40,48	53,18	Córdoba
9600A013011000	1.5/8x1.3/8"	35,72	60,36	Córdoba
9600A017005000	2.1/8"x5/8"	49,21	61,91	Córdoba
9600A017007000	2.1/8"x7/8"	46,83	65,93	Córdoba
9600A017009000	2.1/8X1.1/8"	46,83	69,90	Córdoba
9600A017011000	2.1/8"X13/8"	53,18	77,80	Córdoba
9600A017013000	2.1/8"X15/8"	50,01	77,70	Córdoba
9600A021009000	2.5/8X1.1/8"	57,94	81,00	Córdoba
9600A021011000	25/8"x13/8"	57,94	82,50	Córdoba
9600A021013000	2 5/8"x1 5/8"	82,55	107,20	Córdoba
9600A021017000	25/8x21/8"	50,01	84,00	Córdoba
9600A025011000	31/8"x13/8"	82,55	107,20	Córdoba
9600A025013000	31/8"x15/8"	57,15	94,50	Córdoba
9600A025017000	31/8"x21/8"	59,53	101,70	Córdoba
9600A025021000	31/8"x25/8"	57,15	94,50	Córdoba
9600A029025000	35/8x31/8"	59,53	101,70	Córdoba
9600A033017000	41/8"x21/8"	86,52	120,50	Córdoba
9600A033021000	41/8"x25/8"	76,99	125,50	Córdoba
9600A033025000	41/8x31/8"	76,99	119,20	Córdoba
9600A033029000	41/8"x35/8"	76,99	125,50	Córdoba











### Male and female end diameters

DN	Male		Female	
	min	max	min	max
1/4"	6.3	6.38	6.4	6.5
3/8"	9.47	9.55	9.58	9.68
1/2"	12.62	12.73	12.75	12.85
5/8"	15.8	15.9	15.93	16.03
3/4"	18.97	19.08	19.10	19.20
7/8"	22.15	22.25	22.28	22.38
1"	25.32	25.44	25.46	25.56
1 1/8"	28.5	28.63	28.65	28.75
1 3/8"	34.85	34.98	35.00	35.10
1 5/8"	41.17	41.33	41.35	41.48
2 1/8"	53.87	54.03	54.05	54.18
2 5/8"	66.57	66.73	66.75	66.88
3 1/8"	79.27	79.43	79.45	79.58

These dimensions are applicable to the average diameter.

### Male and female engagement lengths

DN	Female (min)	Male (min)
1/4"	6.4	6.4
3/8"	7.9	7.9
1/2"	9.7	9.7
5/8"	12.7	12.7
3/4"	15.7	15.7
7/8"	19.1	19.1
1"	21.6	21.6
1 1/8"	23.1	23.1
1 3/8"	24.6	24.6
1 5/8"	27.7	27.7
2 1/8"	34	34
2 5/8"	37.3	37.3
3 1/8"	42.2	42.2

### Minimum wall thicknesses

DN	Min. wall thickness (min)
1/4"	0.48
3/8"	0.58
1/2"	0.66
5/8"	0.74
3/4"	0.79
7/8"	0.84
1"	0.93
1 1/8"	1.02
1 3/8"	1.12
1 5/8"	1.3
2 1/8"	1.5
2 5/8"	1.7
3 1/8"	1.91

### Tolerances applicable to construction dimensions (L1, L2 & L3)

Dimensions in mm	Tolerancia
Up to 15	D +/- 1
above 15 to 30	D +/- 1,5
above 30 to 50	D +/- 2
above 50 to 75	D +/- 2,5
above 75 to 100	D +/- 3
above 100 to 150	D +/- 3,5
above 150	D +/- 4