

# Outside Diameter Conversion Chart

Nominal Bore		inch																																																		
		0.5	0.75	1	1.25	1.5	2	2.5	3	3.5	4	5	6	7	8	9	10	11	12	14	15	16	18	20	21	22	24	26	27	28	30	32	33	34	36	40	42	44	48													
Nominal Bore		mm																																																		
		15	20	25	32	40	50	65	80	90	100	125	150	175	200	225	250	275	300	350	375	400	450	500	525	550	600	650	675	700	750	800	825	850	900	1000	1050	1100	1200													
Imperial Cast Iron & Asbestos Cement (Turned End)	BS 78 1981	Class ABCD																																					32.52 826.0	35.66 905.8	38.76 984.5	45.0 1143.0	51.20 1300.5									
	BS1211 (UTI 27" NB)	Class AB only				2.20 55.9	2.72 69.1	3.24 82.3	3.76 95.5			4.80 121.9	5.90 149.9	6.98 177.3	8.06 204.7	9.14 232.2	10.20 259.1	11.26 286.0			13.14 333.8	15.22 386.6	16.26 413.0	17.30 439.4	19.38 492.3	21.46 545.1	22.50 571.5	23.54 597.9	25.60 650.2	27.66 702.6	28.70 728.9	29.72 754.9	31.78 807.2	33.84 859.5	34.88 886.0	25.92 912.4	37.96 964.2	42.06 1068.3	44.12 1120.6	46.16 1172.5	50.26 1276.6											
	BS 78 BS 486 1996	Class CD only				2.20 55.9	2.72 69.1	3.24 82.3	3.76 95.5			4.80 121.9	5.90 149.9	6.98 177.3	8.06 204.7	9.14 232.2	10.20 259.1	11.26 286.0			13.60 345.4	15.72 399.3	16.78 426.2	17.84 453.1	19.96 506.9	22.06 560.13	23.12 587.2	24.16 613.7	26.26 667.0	28.36 720.3	29.4 746.8	30.44 773.2	32.52 826.0	24.62 879.3	35.66 905.8		38.76 984.5	42.92 1090.2	45.0 1143.0	51.20 1300.5												
		Non-Standard				2.25 57		3.25 82.5																																												
Steel	ISO/420 0	Series 1 Series 2 Series 3	21.3 26.9 33.7	26.9 32 35	33.7 40 44.5	42.4 47 54	48.3 57 65	60.3 70 82.5	76.1 87 101.6	88.9 101.6 114.3	114.3 127 108	139.7 133 141.3	168.3 177.8		193.7		219.1		273		323.9	355.6		406.4	457	508			559		610		660				711	762	813			864	914	1016	1067	1118 1168	1219					
	BS 1387		21.3	26.9	33.7	42.4	48.3	60.3	76.1	88.9		114.3	139.7	165.1																																						
	BS 534							60.3	76.1	88.9		114.3	139.7	168.3	193.7	219.1	244.5	273			323.9	355.6		406.4	457	508		559	610	660		711	762	813		864	914	1016										1220				
	BS 3600		21.3	26.9	33.7	42.4	48.3	60.3	76.1	88.9	101.6	114.3	139.7	168.3	193.7	219.1	244.5	273			323.9	355.6		406.4	457	508		559	610	660		711	762	813		864	914	1016									1220					
	API SL & BS 1600 (UTI 36" NB)		21.3	26.7	33.4	42.2	48.3	60.3	73	88.9	101.6	114.3	141.3	168.3		219.1		273			323.9	355.6		406.4	457	508		559	610	660		711	762	813		864	914	1016	1067	1118	1220											
uPVC	BS 3505		21.3	26.9	33.7	42.4	48.3	60.3		88.9		114.3	140.2	168.3		219.1		273			323.9	355.6		406.4	457	508				610																						
	BS 3506		21.3	26.9	33.7	42.4	48.3	60.3	75.1	88.9		114.3	140.2	168.3	193.7	219.1	244.5	273			323.9	355.6		406.4	457	508		559	610																							
Ductile Iron	BS 4772 DIN 28601, 28602 28603, 28605					56 DIN 28601	66 DIN 28605	82 DIN 28605	98			118	144 DIN 28601/3	170			222		274		326	378		429	480 BS Only	532			635			738		842				945	1048			1152 BS Only	1255									
GRP																220		272			324	376		427	478	530			633			718		820				924	1027			1144	1228									
Metric Asbestos Cement (Turned End)	BS 486 1981	Class 15 Class 20 Class 25																																																		
uPVC & Polyethylene	Metric BS 5556 iso/161/1		16	20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000	1200	1400	1600	1800	2000																

Metric uPVC & PE have a designated nominal bore, which is usually the same as the outside diameter. Quote pipe class, rating or wall thickness on enquiries.