



**National Bronze Mfg. Co.**  
**Quality Bronze Products Since 1911**  
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Item #	Nominal Size I.D.	Nominal Size O.D.	I.D. Min	I.D. Max	O.D. Min	O.D. Max	Length (±0.120m)	Length Tolerance
CM-0608-08	6 mm	8 mm	5.975 mm	6.025 mm	8.050 mm	8.076 mm	8 mm	+/-0.12 mm
CM-06008-10	6 mm	8 mm	5.975 mm	6.025 mm	8.050 mm	8.076 mm	10 mm	+/-0.12 mm
CM-06010-06	6 mm	10 mm	5.975 mm	6.025 mm	10.050 mm	10.076 mm	6 mm	+/-0.12 mm
CM-06010-08	6 mm	10 mm	5.975 mm	6.025 mm	10.050 mm	10.076 mm	8 mm	+/-0.12 mm
CM-06010-10	6 mm	10 mm	5.975 mm	6.025 mm	10.050 mm	10.076 mm	10 mm	+/-0.12 mm
CM-06010-12	6 mm	10 mm	5.975 mm	6.025 mm	10.050 mm	10.076 mm	12 mm	+/-0.12 mm
CM-06012-06	6 mm	12 mm	5.975 mm	6.025 mm	12.050 mm	12.076 mm	6 mm	+/-0.12 mm
CM-06012-10	6 mm	12 mm	5.975 mm	6.025 mm	12.050 mm	12.076 mm	10 mm	+/-0.12 mm
CM-06012-12	6 mm	12 mm	5.975 mm	6.025 mm	12.050 mm	12.076 mm	12 mm	+/-0.12 mm

CM-08012-08	8 mm	12 mm	7.975 mm	8.025 mm	12.050 mm	12.076 mm	8 mm	+/-0.12 mm
CM-08012-12	8 mm	12 mm	7.975 mm	8.025 mm	12.050 mm	12.076 mm	12 mm	+/-0.12 mm
CM-10014-08	10 mm	14 mm	9.975 mm	10.025 mm	14.050 mm	14.076 mm	8 mm	+/-0.12 mm
CM-10014-10	10 mm	14 mm	9.975 mm	10.025 mm	14.050 mm	14.076 mm	10 mm	+/-0.12 mm
CM-10014-14	10 mm	14 mm	9.975 mm	10.025 mm	14.050 mm	14.076 mm	14 mm	+/-0.12 mm
CM-10014-16	10 mm	14 mm	9.975 mm	10.025 mm	14.050 mm	14.076 mm	16 mm	+/-0.12 mm
CM-10016-10	10 mm	16 mm	9.975 mm	10.025 mm	16.050 mm	16.076 mm	10 mm	+/-0.12 mm
C-M10016-16	10 mm	16 mm	9.975 mm	10.025 mm	16.050 mm	16.076 mm	16 mm	+/-0.12 mm
CM-12015-12	12 mm	15 mm	11.975 mm	12.025 mm	15.050 mm	15.076 mm	12 mm	+/-0.12 mm
CM-12015-16	12 mm	15 mm	11.975 mm	12.025 mm	15.050 mm	15.076 mm	16 mm	+/-0.12 mm
CM-12015-20	12 mm	15 mm	11.975 mm	12.025 mm	15.050 mm	15.076 mm	20 mm	+/-0.12 mm
CM-12016-12	12 mm	16 mm	11.975 mm	12.025 mm	16.050 mm	16.076 mm	12 mm	+/-0.12 mm

CM-12016-16	12 mm	16 mm	11.975 mm	12.025 mm	16.050 mm	16.076 mm	16 mm	+/-0.12 mm
CM-12016-20	12 mm	16 mm	11.975 mm	12.025 mm	16.050 mm	16.076 mm	20 mm	+/-0.12 mm
CM-12018-12	12 mm	18 mm	11.975 mm	12.025 mm	18.050 mm	18.076 mm	12 mm	+/-0.12 mm
CM-12018-16	12 mm	18 mm	11.975 mm	12.025 mm	18.050 mm	18.076 mm	16 mm	+/-0.12 mm
CM-12018-20	12 mm	18 mm	11.975 mm	12.025 mm	18.050 mm	18.076 mm	20 mm	+/-0.12 mm
CM-14018-14	14 mm	18 mm	13.975 mm	14.025 mm	18.050 mm	18.076 mm	14 mm	+/-0.12 mm
CM-14018-18	14 mm	18 mm	13.975 mm	14.025 mm	18.050 mm	18.076 mm	18 mm	+/-0.12 mm
CM-14018-22	14 mm	18 mm	13.975 mm	14.025 mm	18.050 mm	18.076 mm	22 mm	+/-0.12 mm
CM-14020-14	14 mm	20 mm	13.975 mm	14.025 mm	20.050 mm	20.076 mm	14 mm	+/-0.12 mm
CM-14020-16	14 mm	20 mm	13.975 mm	14.025 mm	20.050 mm	20.076 mm	16 mm	+/-0.12 mm
CM-14020-22	14 mm	20 mm	13.975 mm	14.025 mm	20.050 mm	20.076 mm	22 mm	+/-0.12 mm
CM-15020-16	15 mm	20 mm	14.975 mm	15.025 mm	20.050 mm	20.076 mm	16 mm	+/-0.12 mm
CM-15020-20	15 mm	20 mm	14.975 mm	15.025 mm	20.050 mm	20.076 mm	20 mm	+/-0.12 mm

CM-15020-25	15 mm	20 mm	14.975 mm	15.025 mm	20.050 mm	20.076 mm	25 mm	+/-0.12 mm
CM-16020-16	16 mm	20 mm	15.975 mm	16.025 mm	20.050 mm	20.076 mm	16 mm	+/-0.12 mm
CM-16020-20	16 mm	20 mm	15.975 mm	16.025 mm	20.050 mm	20.076 mm	20 mm	+/-0.12 mm
CM-16020-25	16 mm	20 mm	15.975 mm	16.025 mm	20.050 mm	20.076 mm	25 mm	+/-0.12 mm
CM-18022-18	18 mm	22 mm	17.975 mm	18.025 mm	22.050 mm	22.076 mm	18 mm	+/-0.12 mm
CM-18022-22	18 mm	22 mm	17.975 mm	18.025 mm	22.050 mm	22.076 mm	22 mm	+/-0.12 mm
CM-18022-28	18 mm	22 mm	17.975 mm	18.025 mm	22.050 mm	22.076 mm	28 mm	+/-0.12 mm
CM-18025-18	18 mm	25 mm	17.975 mm	18.025 mm	25.050 mm	25.076 mm	18 mm	+/-0.12 mm
CM-18025-22	18 mm	25 mm	17.975 mm	18.025 mm	25.050 mm	25.076 mm	22 mm	+/-0.12 mm
CM-18025-28	18 mm	25 mm	17.975 mm	18.025 mm	25.050 mm	25.076 mm	28 mm	+/-0.12 mm
CM-20025-16	20 mm	25 mm	19.975 mm	20.025 mm	25.050 mm	25.076 mm	16 mm	+/-0.12 mm
CM-20025-20	20 mm	25 mm	19.975 mm	20.025 mm	25.050 mm	25.076 mm	20 mm	+/-0.12 mm

CM-20025-25	20 mm	25 mm	19.975 mm	20.025 mm	25.050 mm	25.076 mm	25 mm	+/-0.12 mm
CM-20025-30	20 mm	25 mm	19.975 mm	20.025 mm	25.050 mm	25.076 mm	30 mm	+/-0.12 mm
CM-22028-18	22 mm	28 mm	21.975 mm	22.025 mm	28.050 mm	28.076 mm	18 mm	+/-0.12 mm
CM-22028-22	22 mm	28 mm	21.975 mm	22.025 mm	28.050 mm	28.076 mm	22 mm	+/-0.12 mm
CM-22028-28	22 mm	28 mm	21.975 mm	22.025 mm	28.050 mm	28.076 mm	28 mm	+/-0.12 mm
CM-25030-20	25 mm	30 mm	24.975 mm	25.025 mm	30.050 mm	30.076 mm	20 mm	+/-0.12 mm
CM-25030-25	25 mm	30 mm	24.975 mm	25.025 mm	30.050 mm	30.076 mm	25 mm	+/-0.12 mm
CM-25030-30	25 mm	30 mm	24.975 mm	25.025 mm	30.050 mm	30.076 mm	30 mm	+/-0.12 mm
CM-28032-22	28 mm	32 mm	27.975 mm	28.025 mm	32.050 mm	32.076 mm	22 mm	+/-0.12 mm
CM-28032-28	28 mm	32 mm	27.975 mm	28.025 mm	32.050 mm	32.076 mm	28 mm	+/-0.12 mm
CM-28033-22	28 mm	33 mm	27.975 mm	28.025 mm	33.050 mm	33.076 mm	22 mm	+/-0.12 mm
CM-28033-28	28 mm	33 mm	27.975 mm	28.025 mm	33.050 mm	33.076 mm	28 mm	+/-0.12 mm
CM-30038-25	30 mm	38 mm	29.975 mm	30.025 mm	38.050 mm	38.076 mm	25 mm	+/-0.12 mm

CM-30038-30	30 mm	38 mm	29.975 mm	30.025 mm	38.050 mm	38.076 mm	30 mm	+/-0.12 mm
CM-30040-25	30 mm	40 mm	29.975 mm	30.025 mm	40.050 mm	40.076 mm	25 mm	+/-0.12 mm
CM-30040-30	30 mm	40 mm	29.975 mm	30.025 mm	40.050 mm	40.076 mm	30 mm	+/-0.12 mm
CM-32038-20	32 mm	38 mm	31.975 mm	32.025 mm	38.050 mm	38.076 mm	20 mm	+/-0.12 mm
CM-32038-25	32 mm	38 mm	31.975 mm	32.025 mm	38.050 mm	38.076 mm	25 mm	+/-0.12 mm
CM-32038-32	32 mm	38 mm	31.975 mm	32.025 mm	38.050 mm	38.076 mm	32 mm	+/-0.12 mm
CM-32040-20	32 mm	40 mm	31.975 mm	32.025 mm	40.050 mm	40.076 mm	20 mm	+/-0.12 mm
CM-32040-25	32 mm	40 mm	31.975 mm	32.025 mm	40.050 mm	40.076 mm	25 mm	+/-0.12 mm
CM-32040-32	32 mm	40 mm	31.975 mm	32.025 mm	40.050 mm	40.076 mm	32 mm	+/-0.12 mm
CM-35045-25	35 mm	45 mm	34.975 mm	35.025 mm	45.050 mm	45.076 mm	25 mm	+/-0.12 mm
CM-35045-30	35 mm	45 mm	34.975 mm	35.025 mm	45.050 mm	45.076 mm	30 mm	+/-0.12 mm
CM-35045-35	35 mm	45 mm	34.975 mm	35.025 mm	45.050 mm	45.076 mm	35 mm	+/-0.12 mm

CM-36042-25	36 mm	42 mm	35.975 mm	36.025 mm	42.050 mm	42.076 mm	25 mm	+/-0.12 mm
CM-36042-30	36 mm	42 mm	35.975 mm	36.025 mm	42.050 mm	42.076 mm	30 mm	+/-0.12 mm
CM-36042-35	36 mm	42 mm	35.975 mm	36.025 mm	42.050 mm	42.076 mm	35 mm	+/-0.12 mm
CM-38044-25	38 mm	44 mm	37.975 mm	38.025 mm	44.050 mm	44.076 mm	25 mm	+/-0.12 mm
CM-38044-35	38 mm	44 mm	37.975 mm	38.025 mm	44.050 mm	44.076 mm	35 mm	+/-0.12 mm
CM-38044-45	38 mm	44 mm	37.975 mm	38.025 mm	44.050 mm	44.076 mm	45 mm	+/-0.12 mm
CM-40050-25	40 mm	50 mm	39.975 mm	40.025 mm	50.050 mm	50.076 mm	25 mm	+/-0.12 mm
CM-40050-30	40 mm	50 mm	39.975 mm	40.025 mm	50.050 mm	50.076 mm	30 mm	+/-0.12 mm
CM-40050-35	40 mm	50 mm	39.975 mm	40.025 mm	50.050 mm	50.076 mm	35 mm	+/-0.12 mm
CM-40050-40	40 mm	50 mm	39.975 mm	40.025 mm	50.050 mm	50.076 mm	40 mm	+/-0.12 mm
CM-45055-35	45 mm	55 mm	44.975 mm	45.025 mm	55.050 mm	55.076 mm	35 mm	+/-0.12 mm
CM-45055-40	45 mm	55 mm	44.975 mm	45.025 mm	55.050 mm	55.076 mm	40 mm	+/-0.12 mm
CM-45055-45	45 mm	55 mm	44.975 mm	45.025 mm	55.050 mm	55.076 mm	45 mm	+/-0.12 mm

CM-45055-50	45 mm	55 mm	44.975 mm	45.025 mm	55.050 mm	55.076 mm	50 mm	+/-0.12 mm
CM-50060-35	50 mm	60 mm	49.975 mm	50.025 mm	60.050 mm	60.076 mm	35 mm	+/-0.12 mm
CM-50060-50	50 mm	60 mm	49.975 mm	50.025 mm	60.050 mm	60.076 mm	50 mm	+/-0.12 mm
CM-50060-60	50 mm	60 mm	49.975 mm	50.025 mm	60.050 mm	60.076 mm	60 mm	+/-0.12 mm
CM-50060-70	50 mm	60 mm	49.975 mm	50.025 mm	60.050 mm	60.076 mm	70 mm	+/-0.12 mm
CM-60070-40	60 mm	70 mm	59.975 mm	60.025 mm	70.050 mm	70.076 mm	40 mm	+/-0.12 mm
CM-60070-50	60 mm	70 mm	59.975 mm	60.025 mm	70.050 mm	70.076 mm	50 mm	+/-0.12 mm
CM-60070-70	60 mm	70 mm	59.975 mm	60.025 mm	70.050 mm	70.076 mm	70 mm	+/-0.12 mm
CM-70080-90	70 mm	80 mm	69.975 mm	70.025 mm	80.076 mm	80.127 mm	90 mm	+/-0.12 mm
CM-70080-120	70 mm	80 mm	69.975 mm	70.025 mm	80.076 mm	80.127 mm	120 mm	+/-0.12 mm
CM-80100-80	80 mm	100 mm	79.962 mm	80.038 mm	100.076 mm	100.127 mm	80 mm	+/-0.12 mm



CM-80100-120	80 mm	100 mm	79.962 mm	80.038 mm	100.076 mm	100.127 mm	120 mm	+/-0.12 mm
CM-100120-80	100 mm	120 mm	99.962 mm	100.038 mm	120.076 mm	120.127 mm	80 mm	+/-0.12 mm



















