



Precision
Products, Inc.

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PLASTER MOLD CASTING TOLERANCES

DIMENSION		NORMAL TOLERANCE		PREMIUM TOLERANCE	
Inches	MM	Inches	MM	Inches	MM
Up to 2	Up to 50	± .010	± .25	± .005	± .13
Up to 3	Up to 75	± .015	± .40	± .010	± .25
Up to 4	Up to 100	± .019	± .50	± .012	± .32
Up to 5	Up to 125	± .022	± .60	± .014	± .37
Up to 6	Up to 150	± .025	± .68	± .015	± .40
Up to 7	Up to 175	± .028	± .74	± .016	± .42
Up to 8	Up to 200	± .031	± .78	± .017	± .45
Up to 9	Up to 225	± .034	± .85	± .018	± .47
Up to 10	Up to 250	± .037	± .92	± .019	± .50
Maximum Variation		± .040	± 1.00	-	-

Note: The normal rule for tolerances on dimensions which go to or across any parting line or core set is an additional .015”.

Normal draft angles used in the Plaster Mold Process can vary from ½ a degree to 2 degrees.