

M/710 Barrel Dimensions

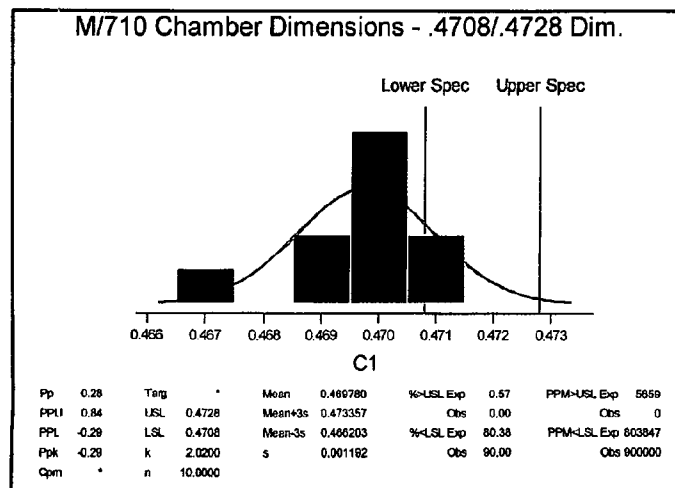
(Measured f/Chamber Casts during DAT Phase II by J. Carson)

NOTE: .4708/.4728 Dim. was not measured from the Bolt Face, but from the corner of the "chamfer".

				Bore	Groove	Twist
.4728	.4440	34.5d	.3424	.3105	.301	.309 10.25
.4708	.4425	Basic	.3404	.3095	.300	.308 9.75
0.4694	0.4430	34.09	0.3435	0.3086	0.3015	0.3098 10.0000
0.4692	0.4440	34.67	0.3441	0.3103	0.3005	0.3089 9.9375
0.4704	0.4434	34.40	0.3446	0.3085	0.3005	0.3087 9.7500
0.4709	0.4442	34.33	0.3441	0.3101	0.3005	0.3088 9.8750
0.4695	0.4430	34.26	0.3424	0.3096	0.3005	0.3085 9.9375
0.4704	0.4432	34.50	0.3436	0.3096	0.3010	0.3088 9.8750
0.4668	0.4432	34.59	0.3436	0.3099	0.3005	0.3085 9.8750
0.4707	0.4448	34.59	0.3444	0.3100	0.3005	0.3088 9.6250
0.4701	0.4448	34.58	0.3445	0.3099	0.3000	0.3089 9.7500
0.4704	0.4447	34.53	0.3447	0.3108	0.3010	0.3099 9.8750

Variable	N	Mean	Median	TrMean	StDev	SEMean
C1	10	0.46978	0.47025	0.47001	0.00119	0.00038
C2	10	0.44383	0.44370	0.44381	0.00076	0.00024
C3	10	34.454	34.515	34.472	0.181	0.057
C4	10	0.34395	0.34410	0.34405	0.00070	0.00022
C5	10	0.30973	0.30990	0.30985	0.00071	0.00023
bore dia	10	0.30065	0.30050	0.30062	0.00041	0.00013
groove d	10	0.30896	0.30880	0.30890	0.00049	0.00016
twist 1-	10	9.8500	9.8750	9.8594	0.1110	0.0351

Variable	Min	Max	Q1	Q3
C1	0.46680	0.47090	0.46935	0.47048
C2	0.44300	0.44480	0.44315	0.44473
C3	34.090	34.670	34.313	34.590
C4	0.34240	0.34470	0.34358	0.34453
C5	0.30850	0.31080	0.30935	0.31015
bore dia	0.30000	0.30150	0.30050	0.30100
groove d	0.30850	0.30990	0.30865	0.30913
twist 1-	9.6250	10.0000	9.7500	9.9375



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