

BL 11 Slit Tank Roll
for mating with stopper

9-10-03
Perry McDargal

Slit Tanking Balls				Flanges	
A	B	C	D	1/6	1/5
19.324	19.324	19.324	19.324	19.324	19.324
+ .035	5.496	6.476	0.000	4.990	4.990
19.289 ✓	13.828	12.848		14.334 ✓	14.334 ✓
18.289 ✓	12.828 ✓	11.848 ✓	18.324 ✓	14.295 +.039	14.280 +.054
18.235 +54	12.757 +71	11.800 +48	18.297 +27	14.315 +019	14.345 - .011
18.245 +44	12.781 +47	11.803 +45	18.282 +42		
18.267 +22	12.803 +25	11.828 +20	18.307 +17		
18.283 +6	12.818 +10	11.818 +30	18.298 +26		

Now slit tank and stopper are hard mated, stopper + collimator control the position.

Slit		Fixture Arm		Slit Travel
1/5	1/5	(5)	(6)	
C	B	A	B	
+ .016	- .016	17.852	24.346	in .635 .630 in
+ .044	+ .054	-18.229	-24.722	out .821 .810 out
- .060	- .038	.377	.376	S/R .606 in
				.850 out

Kink in line from "off the shelf" Assembly

X Slit in, Dimension from print = .982" from $\frac{1}{2}$,
so, reading on T/B + move in S/ = .982 .
so moved in stop out by .029, moved
out stop out by same .029

- 376 Read
- 606 Set on stop.