



DRAWING	WAFER-SIZE	OUTER RING				INNER RING			
		OUTSIDE- ϕ A ₁		INSIDE- ϕ I ₁		OUTSIDE- ϕ A ₂		INSIDE- ϕ I ₂	
		INCH	[mm]	INCH	[mm]	INCH	[mm]	INCH	[mm]
190306	3" (75 mm)	4.990	127	4.762	121	4.768	121	4.530	115
190406	4" (100 mm)	5.981	152	5.744	146	5.750	146	5.520	140
190506	5" (125 mm)	7.322	186	7.000	178	7.010	178	6.689	170
190606	6" (150 mm)	8.280	210	7.975	203	7.973	203	7.670	195
190806	8" (200 mm)	9.720	247	9.320	237	9.315	237	8.910	226
191206	12" (300 mm)	14.09	358	13.58	345	13.58	345	13.15	334

Notes: (Unless Otherwise Specified).
 1) DIMENSIONS INCHES [MM].
 2) MATERIAL: PLASTIC.

APPROVALS	DATE	TopLine®			
DRAWN T. Au	6/15/13				
ENG M. Hart	6/15/13	TITLE WAFER EXPANSION HOOPS ALL SIZES			
MFG		SCALE 1:2	SIZE A	DRAWING NO. 190006	REV A
QA		DO NOT SCALE DRAWING			SHEET 1 OF 1
CUST					
REVISED					