

<u>MATERIAL:</u> 303 Stainless Steel, D/H = 3.23					
<u>WAFER:</u> Solid, Confined					
<u>INITIAL O.D.</u> = 1.500" ; <u>INITIAL HEIGHT</u> = 0.465"					
ANVIL LUBRICANT Molybdenum Disulphide			ANVIL LUBRICANT Iron Oxide		
FORCE (Kips)	STRAIN GAGE (10^{-6} in/in)		FORCE (Kips)	STRAIN GAGE (10^{-6} in/in)	
	LEFT	RIGHT		LEFT	RIGHT
110	30	10	50	10	5
200	135	95	100	15	5
300	340	260	150	35	25
400	555	475	200	115	110
500	740	690	250	200	225
600	930	840	300	280	320
700	1115	930	350	360	435
800	1235	-	400	465	475
900	1360	-			

TABLE 2 EXPERIMENTAL DATA FOR COMPRESSION OF SOLID, CONFINED 303 STAINLESS STEEL WAFERS