

<u>MATERIAL:</u> 303 Stainless Steel, D/H = 3.22					
<u>WAFER:</u> Hollow, Confined; <u>INITIAL I.D.</u> = 0.375"					
<u>INITIAL O.D.</u> = 1.500" ; <u>INITIAL HEIGHT</u> = 0.466"					
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
200	15	5	200	90	100
250	150	95	250	235	255
300	320	285	300	405	445
350	500	485	350	580	635
400	665	660	400	745	755
450	820	815	450	945	935
500	1005	990	500	1145	1075

Final I.D. = 0.264"

Final I.D. = 0.293"

TABLE 4 EXPERIMENTAL DATA FOR COMPRESSION OF HOLLOW, CONFINED 303 STAINLESS STEEL WAFERS