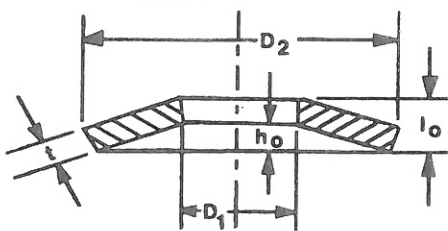


LIVE LOADING OF FLANGE JOINT

This section is on the Gee Graphite Spring loading method to maintain gasket load above the minimum seal pressure on flange stud bolts, including standard piping flange, hand holes, heat exchanger headers, tube sheets, level gauge sight glass, and valve bonnet to valve body seals. Their use will eliminate gasketed joints from leaking, providing the joint is assembled and torque properly. A special high temperature Gee Graphite Spring series has been developed for all standard bolt sizes, for use on 30,000, 45,000 and 60,000 lbs. bolt stress, to eliminate leakage which occurs at high temperatures and where temperatures and pressures vary. On normal flange application, Gee Graphite recommends using one Gee Graphite Spring on each end of the stud bolt.

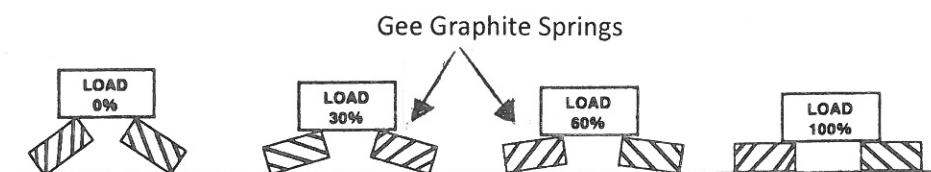
CONVENTIONAL SHAPE OF A DISC SPRING



Abbreviations:-

D2	=	Outside Diameter
D1	=	Inside Diameter
H0	=	Dish height of unstressed washer
l0	=	Overall height of unstressed washer
T	=	Thickness of individual washer

HOW A DISC SPRING WORKS



APPLICATION OF GEEGRAPHITE DISC SPRINGS ON FLANGES TO PREVENT LEAKAGE

