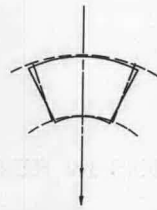


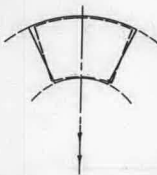
TABLE LVI. DEFLECTIONS IN RING SEGMENTS, $\nu = 0.3$

(a) $\alpha = 60^\circ$				
k_2	$\frac{Eu}{rp_1}$ at $\theta = 0^\circ$		$\frac{Ev}{rp_1}$ at $\theta = \alpha$	
	$r = r_1$	$r = r_2$	$r = r_1$	$r = r_2$
1.1	0.3463	0.2291	-0.0008	0.0447
1.2	0.3899	0.1730	-0.0221	0.0612
1.3	0.4287	0.1494	-0.0408	0.0652
1.4	0.4642	0.1153	-0.0576	0.0743
1.5	0.4970	0.0611	-0.0726	0.0931
2.0	0.6324	-0.0303	-0.1301	0.1163
3.0	0.8251	-0.0905	-0.2013	0.1243

(b) $k_2 = 2.0$				
α	$\frac{Eu}{rp_1}$ at $\theta = 0^\circ$		$\frac{Ev}{rp_1}$ at $\theta = \alpha/2$	
	$r = r_1$	$r = r_2$	$r = r_1$	$r = r_2$
45°	0.6324	-0.0303	-0.1052	0.0835
60°	0.6324	-0.0303	-0.1301	0.1163
90°	0.6324	-0.0303	-0.1529	0.1957



a. Segment Radii Initially Same As Radii of Mating Cylinders.



b. Segment Radii Initially Larger Than Radii of Mating Cylinders.

FIGURE 78. BENDING DEFORMATION OF RING SEGMENTS

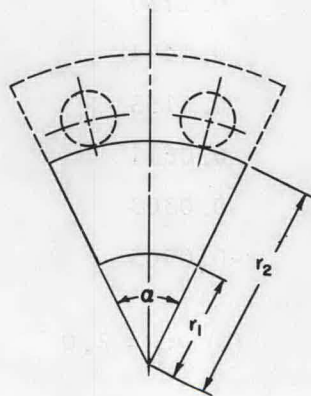


FIGURE 79. GEOMETRY OF PIN SEGMENT

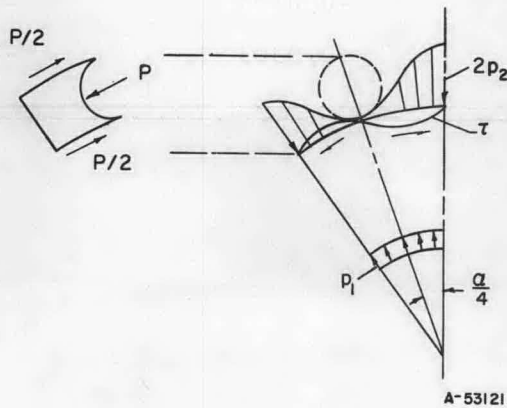


FIGURE 80. LOADING OF PIN SEGMENT