

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) $k_2 = 2.0$				
$\alpha$	$\frac{Eu}{rp_1}$ 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

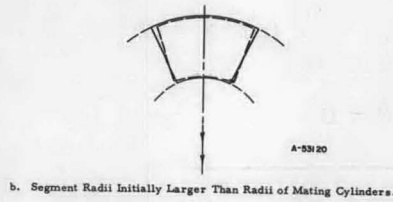
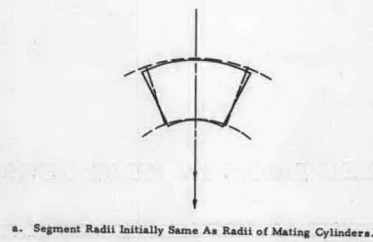


FIGURE 78. BENDING DEFORMATION OF RING SEGMENTS

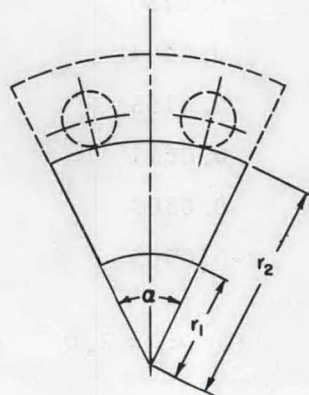


FIGURE 79. GEOMETRY OF PIN SEGMENT

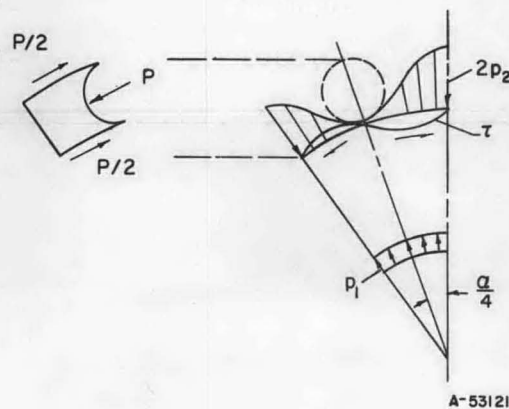


FIGURE 80. LOADING OF PIN SEGMENT