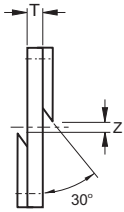
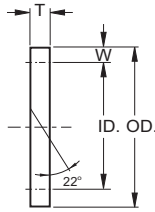


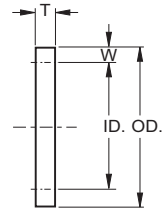
TABLE OF DIMENSIONS OF BACK-UP RINGS (JIS B 2407)



spiral (T1)



cut (T2)



endless (T3)

(Unit : mm)

Nominal size of back up ring	Spiral				biacut and endless				Applicable O-ring nominal size by JIS B 2401						
	ID.	Width (W)	Thickness (T)	Clearance (Z)	ID.	OD.	Thickness (T)								
P 3	3	$1.5 \pm \begin{smallmatrix} 0.03 \\ -0.05 \end{smallmatrix}$	$0.7 \mu 0.05$	$1.2 \mu 0.4$	3	$\begin{smallmatrix} +0.15 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$	$1.25 \mu 0.1$	P 3						
P 4	4				4				7	P 4					
P 5	5				5				8	P 5					
P 6	6				6				9	P 6					
P 7	7				7				10	P 7					
P 8	8				8				11	P 8					
P 9	9				9				12	P 9					
P 10	10				10				13	P 10					
P 10A	10				$2.0 \pm \begin{smallmatrix} 0.03 \\ -0.05 \end{smallmatrix}$				$0.7 \mu 0.05$	$1.4 \mu 0.8$	10	$\begin{smallmatrix} +0.15 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$	$1.25 \mu 0.1$	P 10A
P 11	11										11				15
P 11.2	11.2	11.2	15.2	P 11.2											
P 12	12	12	16	P 12											
P 12.5	12.5	12.5	16.5	P 12.5											
P 14	14	14	18	P 14											
P 15	15	15	19	P 15											
P 16	16	16	20	P 16											
P 18	18	18	22	P 18											
P 20	20	20	24	P 20											
P 21	21	21	25	P 21											
P 22	22	22	26	P 22											
P 22A	22	$3.0 \pm \begin{smallmatrix} 0.03 \\ -0.05 \end{smallmatrix}$	$0.7 \mu 0.05$	$2.5 \mu 1.5$	22	$\begin{smallmatrix} +0.20 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.20 \end{smallmatrix}$	$1.25 \mu 0.1$	P 22A						
P 22.4	22.4				22.4				28.4	P 22.4					
P 24	24				24				30	P 24					
P 25	25				25				31	P 25					
P 25.5	25.5				25.5				31.5	P 25.5					
P 26	26				26				32	P 26					
P 28	28				28				34	P 28					
P 29	29				29				35	P 29					
P 29.5	29.5				29.5				35.5	P 29.5					
P 30	30				30				36	P 30					
P 31	31				31				37	P 31					
P 31.5	31.5				31.5				37.5	P 31.5					