



Unit : mm

Dimensions Code	Nominals	Internal Diameter (d)		External Diameter (D)		Thickness (t)		Free Height (H)		
		Basic Size	Tolerance	Basic Size	Tolerance	Basic Size	Tolerance	Basic Size	Tolerance	
41004	4	4.3	+0.20 0	8	0 -0.35	0.15	±0.020	0.6	+0.4 0	
41005	5	5.4		10		0.15		0.8		
41905	5L	5.4		12		0.15		1		
41006	6	6.4	11	0.15	1					
41906	6L	6.4	14	0.15	1.3					
41007	7	7.5	+0.25 0	12	0 -0.40	0.2		1		
41008	8	8.5		13		0.2		1.2		
41908	8L	8.5		17		0.2		1.6		
41010	10	10.6		15		0.25		1.4		
	10L	10.6	21	0 -0.50	0.25	2				
41012	12	13	+0.30 0	17	0 -0.40	0.25	±0.025	1.8	+0.5 0	
	12L	13		24		0.25		2.6		
41014	14	15		20		0.3		2		
	14L	15		26		0.3		2.6		
41016	16	17		23		0 -0.50		0.3		2.5
	16L	17		30				0.3		3.3
41018	18	19		25				0.4		2.5
	18L	19		34		0 -0.60		0.4		3.4
41020	20	21.5	+0.35 0	28	0 -0.50	0.4	±0.030	3.1	+0.6 0	
	20L	21.5		38		0 -0.60		0.4		4.2

- Remarks 1. Specification is based on Automotive standard JASO F302; Adjustable wave washer ver. 3.
 2. Internal and External dimensions represents before molding.
 3. Refer to technical information at the end of this book "page T5".

Product code	141	Material code	02...SUS304-CSP		Part Number Structure (Standardized Product Code)									
			70...Spring Steel		Product	Surface								
Surface code	01...Burnished (SUS304-CSP)	Hardness	HRC37 ~ 46 (SUS304-CSP)		①	④	①	○	○	○	○	○	○	○
	03...Temper Color (Spring Steel)		HRC42 ~ 50 (Spring Steel)		Material			Dimensions code						