



Unit : mm

Dimensions Code	Nominals	Applicable Shafts d_1	Dimensions of Retaining Rings						Groove Dimensions (Ref.)							
			Internal Diameter d		External Diameter D	H	Thickness t		b Approx.	Groove Diameter D	Groove Width m	n Min.				
※ 11008	0.8	1~1.4	0.8	$\begin{matrix} 0 \\ -0.08 \end{matrix}$	2	± 0.1	0.7	$\begin{matrix} 0 \\ -0.25 \end{matrix}$	0.2	± 0.02	0.3	0.8	$\begin{matrix} +0.05 \\ 0 \end{matrix}$	0.3	$\begin{matrix} +0.05 \\ 0 \end{matrix}$	0.4
※ 11012	1.2	1.4~2	1.2	$\begin{matrix} 0 \\ -0.09 \end{matrix}$	3		1		0.3	± 0.025	0.4	1.2	0.4	$\begin{matrix} +0.06 \\ 0 \end{matrix}$		0.4
※ 11015	1.5	2~2.5	1.5		$\begin{matrix} 0 \\ -0.12 \end{matrix}$	4	1.3	$\begin{matrix} 0 \\ -0.35 \end{matrix}$	0.4	± 0.03	0.6	1.5	$\begin{matrix} +0.075 \\ 0 \end{matrix}$		0.5	$\begin{matrix} +0.1 \\ 0 \end{matrix}$
※ 11020	2	2.5~3.2	2	5		1.7	0.4		0.7		2	0.5		1		
※ 11025	2.5	3.2~4	2.5	6	2.1	0.4	0.8	2.5	0.5	1						
※ 11030	3	4~5	3	7	2.6	0.6	0.9	3	0.7	1						
※ 11040	4	5~7	4	$\begin{matrix} 0 \\ -0.15 \end{matrix}$	9	± 0.2	3.5	$\begin{matrix} 0 \\ -0.45 \end{matrix}$	0.6	± 0.04	1.1	4	$\begin{matrix} +0.09 \\ 0 \end{matrix}$	0.7	$\begin{matrix} +0.14 \\ 0 \end{matrix}$	1.2
※ 11050	5	6~8	5		11		4.3		0.6		1.2	5		0.7		1.2
※ 11060	6	7~9	6	12	5.2	0.8	1.4	6	0.9	1.2						
※ 11070	7	8~11	7	14	6.1	0.8	1.6	7	0.9	1.5						
※ 11080	8	9~12	8	16	6.9	0.8	1.8	8	0.9	1.8						
※ 11090	9	10~14	9	18	7.8	0.8	2.0	9	0.9	2						
※ 11100	10	11~15	10	20	8.7	1	2.2	10	1.15	2						
11120	12	13~18	12	23	10.4	1	2.4	12	1.15	2.5						
11150	15	16~24	15	29	13	1.5	2.8	15	1.65	3						
11190	19	20~31	19	37	16.5	1.5	4.0	19	1.65	3.5						
11240	24	25~38	24	44	20.8	2	5.0	24	2.2	4						

Notes ※: Stacked package versions are also available (product code is 145 and first two digit of dimensions code change into 45)

Product code	111	Material code	02...SUS304-CSP		Part Number Structure (Standardized Product Code)					
			04...SUS316		Product	Surface				
Surface code	01...Burnished	Hardness	HRC37 ~ 46 (SUS304-CSP)		①	①	①	①	①	①
			HRC35 ~ 46 (SUS316)		Material		Dimensions code			