

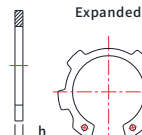
# JX STAMPING FASTENERS SERIES

## DIN 983-2011 Retaining Rings with Lugs for Shafts

Material: 65MN, SK5, SK7, Stainless steel



Unstressed



Expanded

1. Hardness requirements: shaft diameter  $d \leq 48\text{mm}$ , 470HV-580HV or 47HRC-54HRC.  $48\text{mm} < \text{shaft diameter } d \leq 140\text{mm}$ , 435HV-530HV or 44HRC-51HRC.

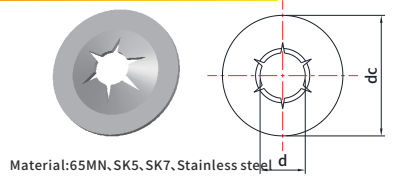
Part Number Designation  
JX-DIN983-16-1-1-SS  
Type and Code Code Code Code  
Size Thick Material  
Material: Stainless Steel

Part Number Designation  
JX-DIN983-16-1-65Mn  
Type and Code Code Code Code  
Size Thick Material  
Material: 65Mn

Size	P/N		h		d1				do	1000/PCS (Steel) ≈ kg
	65Mn	Stainless Steel	Max=Nom	Min	Max	Min	Max	Min		
16	JX-DIN983-16-14.7-1-65Mn	JX-DIN983-16-14.7-1-65Mn	1	0.94	14.7	14.8	14.34	1.7	0.82	
17	JX-DIN983-17-15.7-1-65Mn	JX-DIN983-17-15.7-1-65Mn	1	0.94	15.7	15.8	15.34	1.7	0.93	
18	JX-DIN983-18-16.5-1.2-65Mn	JX-DIN983-18-16.5-1.2-65Mn	1.2	1.14	16.5	16.6	16.14	2	1.24	
19	JX-DIN983-19-17.5-1.2-65Mn	JX-DIN983-19-17.5-1.2-65Mn	1.2	1.14	17.5	17.6	17.14	2	1.35	
20	JX-DIN983-20-18.5-1.2-65Mn	JX-DIN983-20-18.5-1.2-65Mn	1.2	1.14	18.5	18.63	18.08	2	1.45	
22	JX-DIN983-22-20.5-1.2-65Mn	JX-DIN983-22-20.5-1.2-65Mn	1.2	1.14	20.5	20.63	20.08	2	1.77	
23	JX-DIN983-23-21.5-1.2-65Mn	JX-DIN983-23-21.5-1.2-65Mn	1.2	1.14	21.5	21.71	21.08	2	1.84	
24	JX-DIN983-24-22.2-1.2-65Mn	JX-DIN983-24-22.2-1.2-65Mn	1.2	1.14	22.2	22.41	21.78	2	1.98	
25	JX-DIN983-25-23.2-1.2-65Mn	JX-DIN983-25-23.2-1.2-65Mn	1.2	1.14	23.2	23.41	22.78	2	2.12	
26	JX-DIN983-26-24.2-1.2-65Mn	JX-DIN983-26-24.2-1.2-65Mn	1.2	1.14	24.2	24.41	23.78	2	2.18	
28	JX-DIN983-28-25.9-1.5-65Mn	JX-DIN983-28-25.9-1.5-65Mn	1.5	1.44	25.9	26.11	25.48	2	3.15	
30	JX-DIN983-30-27.9-1.5-65Mn	JX-DIN983-30-27.9-1.5-65Mn	1.5	1.44	27.9	28.11	27.48	2	3.65	
32	JX-DIN983-32-29.6-1.5-65Mn	JX-DIN983-32-29.6-1.5-65Mn	1.5	1.44	29.6	29.81	29.18	2.5	4	
35	JX-DIN983-35-32.2-1.5-65Mn	JX-DIN983-35-32.2-1.5-65Mn	1.5	1.44	32.2	32.45	31.7	2.5	4.38	
38	JX-DIN983-38-35.2-1.75-65Mn	JX-DIN983-38-35.2-1.75-65Mn	1.75	1.69	35.2	35.45	34.7	2.5	6.5	
40	JX-DIN983-40-36.5-1.75-65Mn	JX-DIN983-40-36.5-1.75-65Mn	1.75	1.69	36.5	36.89	35.6	2.5	7	
42	JX-DIN983-42-38.5-1.75-65Mn	JX-DIN983-42-38.5-1.75-65Mn	1.75	1.69	38.5	38.89	37.6	2.5	7.5	
45	JX-DIN983-45-41.5-1.75-65Mn	JX-DIN983-45-41.5-1.75-65Mn	1.75	1.69	41.5	41.89	40.6	2.5	8.5	
47	JX-DIN983-47-43.5-1.75-65Mn	JX-DIN983-47-43.5-1.75-65Mn	1.75	1.69	43.5	43.89	42.6	2.5	8.7	
48	JX-DIN983-48-44.5-1.75-65Mn	JX-DIN983-48-44.5-1.75-65Mn	1.75	1.69	44.5	44.89	43.6	2.5	8.9	
50	JX-DIN983-50-45.8-2-65Mn	JX-DIN983-50-45.8-2-65Mn	2	1.93	45.8	46.19	44.9	2.5	11.5	
55	JX-DIN983-55-50.8-2-65Mn	JX-DIN983-55-50.8-2-65Mn	2	1.93	50.8	51.26	49.7	2.5	13	
57	JX-DIN983-57-52.8-2-65Mn	JX-DIN983-57-52.8-2-65Mn	2	1.93	52.8	53.26	51.7	2.5	14	
58	JX-DIN983-58-53.8-2-65Mn	JX-DIN983-58-53.8-2-65Mn	2	1.93	53.8	54.26	52.7	2.5	14.3	
60	JX-DIN983-60-55.8-2-65Mn	JX-DIN983-60-55.8-2-65Mn	2	1.93	55.8	56.26	54.7	2.5	14.8	
62	JX-DIN983-62-57.8-2-65Mn	JX-DIN983-62-57.8-2-65Mn	2	1.93	57.8	58.26	56.7	2.5	15.9	
65	JX-DIN983-65-60.8-2.5-65Mn	JX-DIN983-65-60.8-2.5-65Mn	2.5	2.43	60.8	61.26	59.7	3	21.7	
67	JX-DIN983-67-62.5-2.5-65Mn	JX-DIN983-67-62.5-2.5-65Mn	2.5	2.43	62.5	62.96	61.4	3	22.6	
68	JX-DIN983-68-63.5-2.5-65Mn	JX-DIN983-68-63.5-2.5-65Mn	2.5	2.43	63.5	63.96	62.4	3	23.5	

Unit:mm

## JX-JIS 1216-2006 Push-on Washers for Metric Round Shaft - Mechanical Zinc-Plated



Material: 65MN, SK5, SK7, Stainless steel

Part Number Designation  
JX-JIS1216-2-0.7-65Mn  
Type and Code Code Code Code  
Size Thick Material  
Material: 65Mn

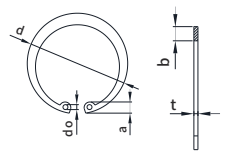
Part Number Designation  
JX-JIS1216-2-0.7-SS  
Type and Code Code Code Code  
Size Thick Material  
Material: Stainless Steel

Size	P/N		d		dc	H	h			
	65Mn	Sk5	Max	Min			Nom	Max	Min	
2	JX-JIS 1216-2-6-0.7-65Mn	JX-JIS 1216-2-6-0.7-SK5	JX-JIS 1216-2-6-0.7-SS	1.9	1.8	6	0.7	0.25	0.275	0.225
3	JX-JIS 1216-3-10-1.3-65Mn	JX-JIS 1216-3-10-1.3-SK5	JX-JIS 1216-3-10-1.3-SS	2.9	2.75	10	1.3	0.3	0.325	0.275
4	JX-JIS 1216-4-12-1.4-65Mn	JX-JIS 1216-4-12-1.4-SK5	JX-JIS 1216-4-12-1.4-SS	3.9	3.75	12	1.4	0.3	0.325	0.275
5	JX-JIS 1216-5-14-1.55-65Mn	JX-JIS 1216-5-14-1.55-SK5	JX-JIS 1216-5-14-1.55-SS	4.9	4.75	14	1.55	0.4	0.43	0.37
6	JX-JIS 1216-6-16-1.75-65Mn	JX-JIS 1216-6-16-1.75-SK5	JX-JIS 1216-6-16-1.75-SS	5.9	5.75	16	1.75	0.4	0.43	0.37
8	JX-JIS 1216-8-17.5-1.8-65Mn	JX-JIS 1216-8-17.5-1.8-SK5	JX-JIS 1216-8-17.5-1.8-SS	7.9	7.75	17.5	1.8	0.5	0.53	0.47
10	JX-JIS 1216-10-21-2-65Mn	JX-JIS 1216-10-21-2-SS	JX-JIS 1216-10-21-2-SS	9.9	9.75	21	2	0.7	0.74	0.66
12	JX-JIS 1216-12-27-2-8-65Mn	JX-JIS 1216-12-27-2-8-SK5	JX-JIS 1216-12-27-2-8-SS	11.9	11.75	27	2.8	0.9	0.95	0.85

Remark: We only show part of the specifications, we can also produce various sizes according to the customer's requirements

# JX STAMPING FASTENERS SERIES

## JISB2804 Bowed Rings for holes(imperial standard) N1301/NJW



1. Hardness requirements: shaft diameter  $d \leq 48\text{mm}$ , hardness 470-580HV or 47-54HRC.  $48\text{mm} < \text{shaft diameter } d \leq 200\text{mm}$ , hardness 435-530HV or 44-51HRC. 200mm < shaft diameter  $d \leq 300\text{mm}$ , hardness 390-470HV or 40-47HRC. 2. Dimension s shall not exceed the maximum of dimension a.

Part Number Designation  
JX-JISB2804RTW-D10-65MN  
Type and Code Code Code Code  
Size Thick Material  
Material: 65Mn

Part Number Designation  
JX-JISB2804RTW-D10-SK5  
Type and Code Code Code Code  
Size Thick Material  
Material: SK5

Material: 65MN, SK5, SK7, Stainless steel

Size D	P/N			d		t		b ≈	a ≈	do Min.
	65MN	Sk5	Stainless steel	Nom.	Tol.	Nom.	Tol.			
10	JX-JISB2804-RTW-D10-65MN	JX-JISB2804-RTW-D10-SK5	JX-JISB2804-RTW-D10-SS	10.7				1.8	3.1	1.2
11	JX-JISB2804-RTW-D11-65MN	JX-JISB2804-RTW-D11-SK5	JX-JISB2804-RTW-D11-SS	11.8				1.8	3.2	
12	JX-JISB2804-RTW-D12-65MN	JX-JISB2804-RTW-D12-SK5	JX-JISB2804-RTW-D12-SS	13				1.8	3.3	1.5
13	JX-JISB2804-RTW-D13-65MN	JX-JISB2804-RTW-D13-SK5	JX-JISB2804-RTW-D13-SS	14.1	±0.18			1.8	3.5	
14	JX-JISB2804-RTW-D14-65MN	JX-JISB2804-RTW-D14-SK5	JX-JISB2804-RTW-D14-SS	15.1				2	3.6	
15	JX-JISB2804-RTW-D15-65MN	JX-JISB2804-RTW-D15-SK5	JX-JISB2804-RTW-D15-SS	16.2				2	3.6	
16	JX-JISB2804-RTW-D16-65MN	JX-JISB2804-RTW-D16-SK5	JX-JISB2804-RTW-D16-SS	17.3				2	3.7	1.7
17	JX-JISB2804-RTW-D17-65MN	JX-JISB2804-RTW-D17-SK5	JX-JISB2804-RTW-D17-SS	18.3		±0.05		2	3.8	
18	JX-JISB2804-RTW-D18-65MN	JX-JISB2804-RTW-D18-SK5	JX-JISB2804-RTW-D18-SS	19.5				2.5	4	
19	JX-JISB2804-RTW-D19-65MN	JX-JISB2804-RTW-D19-SK5	JX-JISB2804-RTW-D19-SS	20.5				2.5	4	
20	JX-JISB2804-RTW-D20-65MN	JX-JISB2804-RTW-D20-SK5	JX-JISB2804-RTW-D20-SS	21.5				2.5	4	
21	JX-JISB2804-RTW-D21-65MN	JX-JISB2804-RTW-D21-SK5	JX-JISB2804-RTW-D21-SS	22.5	±0.2			2.5	4.1	
22	JX-JISB2804-RTW-D22-65MN	JX-JISB2804-RTW-D22-SK5	JX-JISB2804-RTW-D22-SS	23.5				2.5	4.1	
24	JX-JISB2804-RTW-D24-65MN	JX-JISB2804-RTW-D24-SK5	JX-JISB2804-RTW-D24-SS	25.9				2.5	4.3	2
25	JX-JISB2804-RTW-D25-65MN	JX-JISB2804-RTW-D25-SK5	JX-JISB2804-RTW-D25-SS	26.9				3	4.4	
26	JX-JISB2804-RTW-D26-65MN	JX-JISB2804-RTW-D26-SK5	JX-JISB2804-RTW-D26-SS	27.9				3	4.6	
28	JX-JISB2804-RTW-D28-65MN	JX-JISB2804-RTW-D28-SK5	JX-JISB2804-RTW-D28-SS	30.1				3	4.6	
29	JX-JISB2804-RTW-D29-65MN	JX-JISB2804-RTW-D29-SK5	JX-JISB2804-RTW-D29-SS	32.1				3	4.7	
32	JX-JISB2804-RTW-D32-65MN	JX-JISB2804-RTW-D32-SK5	JX-JISB2804-RTW-D32-SS	34.4		±0.06		3.5	5.2	
34	JX-JISB2804-RTW-D34-65MN	JX-JISB2804-RTW-D34-SK5	JX-JISB2804-RTW-D34-SS	36.5				3.5	5.2	
35	JX-JISB2804-RTW-D35-65MN	JX-JISB2804-RTW-D35-SK5	JX-JISB2804-RTW-D35-SS	37.8	±0.25			3.5	5.2	
36	JX-JISB2804-RTW-D36-65MN	JX-JISB2804-RTW-D36-SK5	JX-JISB2804-RTW-D36-SS	38.8				3.5	5.2	
37	JX-JISB2804-RTW-D37-65MN	JX-JISB2804-RTW-D37-SK5	JX-JISB2804-RTW-D37-SS	39.8				3.5	5.2	
38	JX-JISB2804-RTW-D38-65MN	JX-JISB2804-RTW-D38-SK5	JX-JISB2804-RTW-D38-SS	40.8				4	5.3	
40	JX-JISB2804-RTW-D40-65MN	JX-JISB2804-RTW-D40-SK5	JX-JISB2804-RTW-D40-SS	43.5				4	5.7	
42	JX-JISB2804-RTW-D42-65MN	JX-JISB2804-RTW-D42-SK5	JX-JISB2804-RTW-D42-SS	45.5	±0.4			4	5.8	
45	JX-JISB2804-RTW-D45-65MN	JX-JISB2804-RTW-D45-SK5	JX-JISB2804-RTW-D45-SS	48.5				4.5	5.9	
47	JX-JISB2804-RTW-D47-65MN	JX-JISB2804-RTW-D47-SK5	JX-JISB2804-RTW-D47-SS	50.5				4.5	6.1	
48	JX-JISB2804-RTW-D48-65MN	JX-JISB2804-RTW-D48-SK5	JX-JISB2804-RTW-D48-SS	51.5		±0.07		4.5	6.2	
50	JX-JISB2804-RTW-D50-65MN	JX-JISB2804-RTW-D50-SK5	JX-JISB2804-RTW-D50-SS	54.2	±0.45			4.5	6.5	
52	JX-JISB2804-RTW-D52-65MN	JX-JISB2804-RTW-D52-SK5	JX-JISB2804-RTW-D52-SS	56.2				5.1	6.5	
55	JX-JISB2804-RTW-D55-65MN	JX-JISB2804-RTW-D55-SK5	JX-JISB2804-RTW-D55-SS	59.2				5.1	6.5	2.5
56	JX-JISB2804-RTW-D56-65MN	JX-JISB2804-RTW-D56-SK5	JX-JISB2804-RTW-D56-SS	60.2				5.1	6.6	
58	JX-JISB2804-RTW-D58-65MN	JX-JISB2804-RTW-D58-SK5	JX-JISB2804-RTW-D58-SS	62.2				5.1	6.8	
60	JX-JISB2804-RTW-D60-65MN	JX-JISB2804-RTW-D60-SK5	JX-JISB2804-RTW-D60-SS	64.2		±0.07		5.5	6.8	
62	JX-JISB2804-RTW-D62-65MN	JX-JISB2804-RTW-D62-SK5	JX-JISB2804-RTW-D62-SS	66.2				5.5	6.9	
63	JX-JISB2804-RTW-D63-65MN	JX-JISB2804-RTW-D63-SK5	JX-JISB2804-RTW-D63-SS	67.2	±0.45			5.5	6.9	
65	JX-JISB2804-RTW-D65-65MN	JX-JISB2804-RTW-D65-SK5	JX-JISB2804-RTW-D65-SS	69.2				5.5	7	
68	JX-JISB2804-RTW-D68-65MN	JX-JISB2804-RTW-D68-SK5	JX-JISB2804-RTW-D68-SS	72.5				6	7.4	
70	JX-JISB2804-RTW-D70-65MN	JX-JISB2804-RTW-D70-SK5	JX-JISB2804-RTW-D70-SS	74.5				6	7.4	
72	JX-JISB2804-RTW-D72-65MN	JX-JISB2804-RTW-D72-SK5	JX-JISB2804-RTW-D72-SS	76.5				6.6	7.4	
75	JX-JISB2804-RTW-D75-65MN	JX-JISB2804-RTW-D75-SK5	JX-JISB2804-RTW-D75-SS	79.5				6.6	7.8	
78	JX-JISB2804-RTW-D18-65MN	JX-JISB2804-RTW-D18-SK5	JX-JISB2804-RTW-D18-SS	82.5				6.6	8	