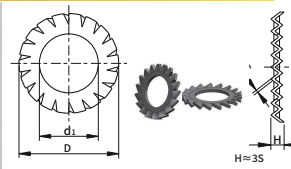


JX STAMPING FASTENERS SERIES

JX-Q412 Serrated lock washers external teeth



Standard: Q412, GB/T862.2, DIN6798

Main Material: 65Mn, SK5, SK7, SUS304, 316 (A2, A4) and other special customized material
Surface Treatment: stainless steel curing polished original color or spring steel in black, mechanical galvanizing, nickel plating, Dacromet coating treatment

Part Number Designation
JX-Q412-d6-65Mn

Type and Material Code: 65Mn
Hole Code
Material Code

Part Number Designation
JX-Q412-d6-SS

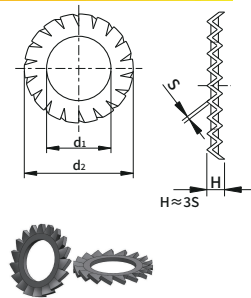
Type and Material Code: Stainless Steel
Hole Code
Material Code

Unit:mm

Thread Size d	P/N			d1		D		S	Number of teeth min
	65Mn	Stainless steel	Brass	max	min	max	min		
2	JX-Q412-d2-65Mn	JX-Q412-d2-SS	JX-Q412-d2-B	2.45	2.2	4.5	4.2	0.3	9
3	JX-Q412-d3-65Mn	JX-Q412-d3-SS	JX-Q412-d3-B	3.5	3.2	6	5.7	0.4	
4	JX-Q412-d4-65Mn	JX-Q412-d4-SS	JX-Q412-d4-B	4.6	4.3	8	7.64	0.5	11
5	JX-Q412-d5-65Mn	JX-Q412-d5-SS	JX-Q412-d5-B	5.6	5.3	10	9.64	0.6	
6	JX-Q412-d6-65Mn	JX-Q412-d6-SS	JX-Q412-d6-B	6.76	6.4	11	10.57	0.8	14
8	JX-Q412-d8-65Mn	JX-Q412-d8-SS	JX-Q412-d8-B	8.76	8.4	15	14.57		
10	JX-Q412-d10-65Mn	JX-Q412-d10-SS	JX-Q412-d10-B	10.93	10.5	18	17.57	1.0	16
12	JX-Q412-d12-65Mn	JX-Q412-d12-SS	JX-Q412-d12-B	12.93	12.5	20.5	19.98		
(14)	JX-Q412-d14-65Mn	JX-Q412-d14-SS	JX-Q412-d14-B	14.93	14.5	24	23.48	1.2	18
16	JX-Q412-d16-65Mn	JX-Q412-d16-SS	JX-Q412-d16-B	16.93	16.5	26	25.48		
(18)	JX-Q412-d18-65Mn	JX-Q412-d18-SS	JX-Q412-d18-B	19.52	19	30	29.48	1.5	20
20	JX-Q412-d20-65Mn	JX-Q412-d20-SS	JX-Q412-d20-B	21.52	21	33	32.38		

Remark: Try to avoid the specifications of the brackets

JX-Q413 Serrated lock washer external teeth for assembly



Main Material: 65Mn, SK5, SK7, SUS304, 316 (A2, A4) and other special customized material
Surface Treatment: stainless steel curing polished original color or spring steel in black, mechanical galvanizing, nickel plating, Dacromet coating treatment

Standard: Q413
(GB/T 9074.27-1988)

Part Number Designation
JX-Q413-d5-65Mn

Type and Material Code: 65Mn
Hole Code
Material Code

Part Number Designation
JX-Q413-d5-SS

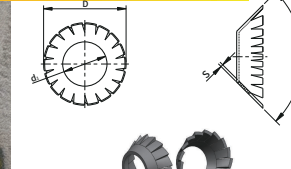
Type and Thread Material Code: Stainless Steel
Thread Code
Material Code

Unit:mm

Thread Size d	P/N			d1		d2		S	Number of teeth min
	65Mn	Stainless steel	Brass	max	min	Max	min		
3	JX-Q413-d3-65Mn	JX-Q413-d3-SS	JX-Q413-d3-B	2.83	2.73	6	5.7	0.4	9
4	JX-Q413-d4-65Mn	JX-Q413-d4-SS	JX-Q413-d4-B	3.78	3.66	8	7.64	0.5	11
5	JX-Q413-d5-65Mn	JX-Q413-d5-SS	JX-Q413-d5-B	4.75	4.57	10	9.64	0.6	11
6	JX-Q413-d6-65Mn	JX-Q413-d6-SS	JX-Q413-d6-B	5.71	5.53	11	10.57	0.6	12
8	JX-Q413-d8-65Mn	JX-Q413-d8-SS	JX-Q413-d8-B	7.64	7.42	15	14.57	0.8	14
10	JX-Q413-d10-65Mn	JX-Q413-d10-SS	JX-Q413-d10-B	9.59	9.37	18	17.57	1	16
12	JX-Q413-d12-65Mn	JX-Q413-d12-SS	JX-Q413-d12-B	11.53	11.26	20.5	19.98	1	16

JX STAMPING FASTENERS SERIES

JX-Q414 Countersunk serrated external toothed lock washers



Main Material: 65Mn, SK5, SK7, SUS304, 316 (A2, A4) and other special customized material

Surface Treatment: stainless steel curing polished original color or spring steel in black, mechanical galvanizing, nickel plating, Dacromet coating treatment

Standard: Q414
(GB/T 956.2-1987)

Part Number Designation
JX-Q414-d6-65Mn

Type and Material Code: 65Mn
Hole Code
Material Code

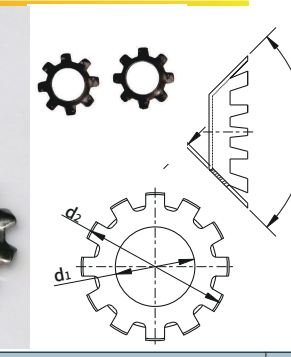
Part Number Designation
JX-Q414-d6-SS

Type and Thread Material Code: Stainless Steel
Thread Code
Material Code

Unit:mm

Thread Size d	P/N			d1		d2	S	Number of teeth min
	65Mn	Stainless steel	Brass	max	min			
3	JX-Q414-d3-65Mn	JX-Q414-d3-SS	JX-Q414-d3-B	3.5	3.2	6	0.4	12
4	JX-Q414-d4-65Mn	JX-Q414-d4-SS	JX-Q414-d4-B	4.6	4.3	8	0.5	14
5	JX-Q414-d5-65Mn	JX-Q414-d5-SS	JX-Q414-d5-B	5.6	5.3	9.8	0.6	14
6	JX-Q414-d6-65Mn	JX-Q414-d6-SS	JX-Q414-d6-B	6.76	6.4	11.8	0.6	16
8	JX-Q414-d8-65Mn	JX-Q414-d8-SS	JX-Q414-d8-B	8.76	8.4	15.3	0.8	18
10	JX-Q414-d10-65Mn	JX-Q414-d10-SS	JX-Q414-d10-B	10.93	10.5	19	1	20
12	JX-Q414-d12-65Mn	JX-Q414-d12-SS	JX-Q414-d12-B	12.93	12.5	23	1	26

JX-Q415 Serrated lock washer external teeth for assembly



Standard: Q415
(GB/T 9074.28-1988)
DIN6797V, UNI8841V

Part Number Designation
JX-Q415-d4-65Mn

Type and Thread Material Code: 65Mn
Thread Code
Material Code

Part Number Designation
JX-Q415-d4-SS

Type and Thread Material Code: Stainless Steel
Thread Code
Material Code

Unit:mm

Thread Size d	P/N			d1		d2	S	Number of teeth min
	65Mn	Stainless steel	Brass	max	min			
3	JX-Q415-d3-65Mn	JX-Q415-d3-SS	JX-Q415-d3-B	2.83	2.73	6	0.4	6
4	JX-Q415-d4-65Mn	JX-Q415-d4-SS	JX-Q415-d4-B	3.78	3.66	8	0.5	8
5	JX-Q415-d5-65Mn	JX-Q415-d5-SS	JX-Q415-d5-B	4.75	4.57	9.8	0.6	8
6	JX-Q415-d6-65Mn	JX-Q415-d6-SS	JX-Q415-d6-B	5.71	5.53	11.8	0.6	10
8	JX-Q415-d8-65Mn	JX-Q415-d8-SS	JX-Q415-d8-B	7.64	7.42	15.3	0.8	10