

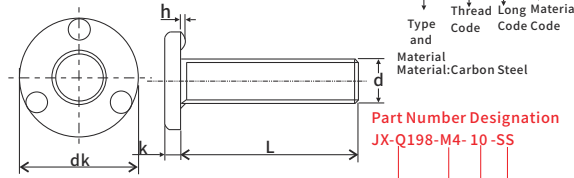
AUTOMOTIVE FASTENERS SERIES

JX-Q198A Type U3 Projection Weld Studs

Standard: JIS B1195-1994, Q198
Surface treatment: zinc, copper, zinc-nickel alloy, tin

Part Number Designation

JX-Q198- M4 - 10 - ST



Carbon Steel Grade: 4.8, 5.8, 6.8, 8.8, 10.9, 12.9
Material: Carbon Steel,
Stainless Steel

Part Number Designation

JX-Q198-M4-10-SS

Type and Material

Material: Stainless Steel

Size d	Thread Code	P/N		L	K		dk		h	
		Carbon Steel	Stainless steel		Max	Min	Max	Min	Max	Min
M4	0.7	JX-Q198-M4-L-ST	JX-Q198-M4-L-SS	8 10 15 20 25 30 35 40	2	1.75	11.5	11.23	1.25	0.9
M5	0.8	JX-Q198-M5-L-ST	JX-Q198-M5-L-SS	10 15 20 25 30 35 40 45 50	2.5	2.25	12.5	12.23	1.25	0.9
M6	1.0	JX-Q198-M6-L-ST	JX-Q198-M6-L-SS	10 15 20 25 30 35 40 45 50	2.5	2.25	14.5	14.23	1.25	0.9
M8	1.25	JX-Q198-M8-L-ST	JX-Q198-M8-L-SS	15 20 25 30 35 40 45 50 55	3.5	3.25	19	18.67	1.45	1.1
M10	1.5	JX-Q198-M10-L-ST	JX-Q198-M10-L-SS	20 25 30 35 40 45 50 55 60	4.0	3.75	21	20.67	1.45	1.1
M12	1.75	JX-Q198-M12-L-ST	JX-Q198-M12-L-SS	20 25 30 35 40 45 50 55 60	5.0	4.75	24	23.67	1.65	1.3

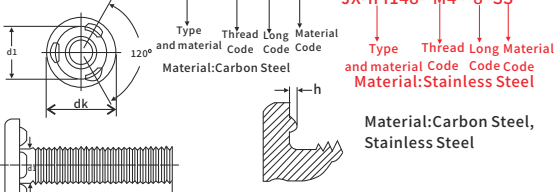
JX-DIN34817 Weld Screws With Metric Thread

Part Number Designation

JX-D34817-M4-8-ST

Part Number Designation

JX-D34817-M4-8-SS



Standard: DIN34817-2001, IFI148-2002, Q198B
Carbon Steel Grade: 4.8, 5.8, 6.8, 8.8, 10.9, 12.9

Surface treatment: zinc, copper, zinc-nickel alloy, tin

Size d	Thread Code	P/N		L	dk		K		h		d1	
		Carbon Steel	Stainless steel		Max	Min	Max	Min	Max	Min	Max	Min
#8	32	JX-IFI148-832-L-ST	JX-IFI148-832-L-SS	8 10 15 20 25 30	0.545	0.52	0.098	0.089	0.04	0.035	0.19	0.169
#10	32&24	JX-IFI148-032-L-ST	JX-IFI148-032-L-SS	10 15 20 25 30 35	0.622	0.592	0.13	0.12	0.045	0.04	0.21	0.19
1/4	20&28	JX-IFI148-0420-L-ST	JX-IFI148-0420-L-SS	15 20 25 30 35 40	0.747	0.717	0.15	0.14	0.05	0.045	0.24	0.22
5/16	18	JX-IFI148-0518-L-ST	JX-IFI148-0518-L-SS	15 20 25 30 35 40 45	0.81	0.78	0.18	0.17	0.055	0.05	0.29	0.27
3/8	16	JX-IFI148-0616-L-ST	JX-IFI148-0616-L-SS	20 25 30 35 40 45 50	0.935	0.902	0.20	0.19	0.06	0.055	0.299	0.28
1/2	12&13	JX-IFI148-0813-L-ST	JX-IFI148-0813-L-SS	20 25 30 35 40 45 50	1	0.972	0.205	0.195	0.06	0.055	0.33	0.307
M5	0.8	JX-DIN34817-M5-L-ST	JX-DIN34817-M5-L-SS	10 15 20 25 30 35	10	9.64	2.2	1.8	0.8	0.7	5.0	4.82
M6	1.0	JX-DIN34817-M6-L-ST	JX-DIN34817-M6-L-SS	10 15 20 25 30 35	12	11.57	2.7	2.3	0.8	0.7	6.0	5.82
M8	1.25	JX-DIN34817-M8-L-ST	JX-DIN34817-M8-L-SS	15 20 25 30 35 40	16	15.57	3.2	2.8	1.2	1.1	8.0	7.78
M10	1.5	JX-DIN34817-M10-L-ST	JX-DIN34817-M10-L-SS	20 25 30 35 40 45	20	19.48	4.2	3.8	1.4	1.3	10	9.78
M12	1.5	JX-DIN34817-M12-L-ST	JX-DIN34817-M12-L-SS	20 25 30 35 40 45	24	23.48	5.0	4.6	1.6	1.5	12	11.73
M14	1.5	JX-DIN34817-M14-L-ST	JX-DIN34817-M14-L-SS	20 25 30 35 40 45	28	27.48	5.8	5.4	1.6	1.5	14	13.73

AUTOMOTIVE FASTENERS SERIES

JX-Q199B Overhead Projection Weld Bolts - Type B

Part Number Designation

JX-Q199B- M4 - 6 - SS

Part Number Designation

JX-Q199B- M4 - 6 - ST



Standard: Q199B
Material: Carbon Steel,
Stainless Steel SUS304, SUS316
Carbon Steel Grade: 4.8, 5.8, 8.8, 12.9

SIZE	Thread Code	P/N		L	dk		k	
		Carbon Steel	Stainless Steel		max	min	max	min
M4	0.7	JX-Q199B-M4-L-ST	JX-Q199B-M4-L-SS	6-25.....	11.5	11.23	2	1.75
M5	0.8	JX-Q199B-M5-L-ST	JX-Q199B-M5-L-SS	6-35.....	12.5	12.23	2.5	2.25
M6	1.0	JX-Q199B-M6-L-ST	JX-Q199B-M6-L-SS	6-45.....	14.5	14.23	2.5	2.25
M8	1.25	JX-Q199B-M8-L-ST	JX-Q199B-M8-L-SS	6-50.....	19	18.67	3.5	3.25
M10	1.5	JX-Q199B-M10-L-ST	JX-Q199B-M10-L-SS	6-55.....	21	20.67	4	3.75
M12	1.5	JX-Q199B-M12-L-ST	JX-Q199B-M12-L-SS	6-60.....	24	23.67	5	4.75

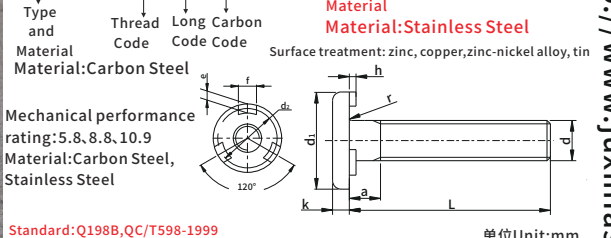
JX-Q198B Weld Screws, Type B

Part Number Designation

JX-Q198B - M6 - 16 - ST

Part Number Designation

JX-Q198B - M6 - 16 - SS



Standard: Q198B, QC/T598-1999

Size d	Thread Code	P/N		d1		K		e		f		h		r		d2		a max
		Carbon Steel	Stainless steel	max	min	max	min	max	min	max	min	max	min	max	min	max	min	
M5	0.8	JX-Q198B-M5-L-ST	JX-Q198B-M5-L-SS	12.4	11.6	2.0	1.6	2.25	1.75	3.3	2.7	0.8	0.6	0.2~0.6	10	9	3.2	
M6	1.0	JX-Q198B-M6-L-ST	JX-Q198B-M6-L-SS	14.4	13.6	2.2	1.8	2.75	2.25	4.3	3.7	0.9	0.7	0.25~0.7	11.5	10.5	4.0	
M8	1.25	JX-Q198B-M8-L-ST	JX-Q198B-M8-L-SS	16.4	15.6	3.2	2.8	2.25	2.25	5.3	4.7	1.1	0.9	0.4~0.9	14	13	5.0	
M10	1.5	JX-Q198B-M10-L-ST	JX-Q198B-M10-L-SS	20.4	19.6	4.2	3.8	2.75	3.25	6.3	5.7	1.3	1.1	0.4~1.2	17.5	16.5	5.0	

Remark: The length L can customize according to customer's need.

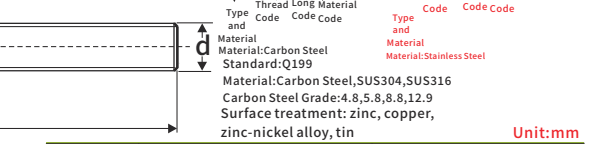
JX-Q199 Overhead Projection Weld Bolts - Type A

Part Number Designation

JX-Q199- M4 - 6 - ST

Part Number Designation

JX-Q199- M4 - 6 - SS



SIZE	Thread Code	P/N		L	dk		k	
		Carbon Steel	Stainless Steel		max	min	max	min
M4	0.7	JX-Q199-M4-L-ST	JX-Q199-M4-L-SS	6-25.....	11.5	11.23	2	1.75
M5	0.8	JX-Q199-M5-L-ST	JX-Q199-M5-L-SS	6-35.....	12.5	12.23	2.5	2.25
M6	1.0	JX-Q199-M6-L-ST	JX-Q199-M6-L-SS	6-45.....	14.5	14.23	2.5	2.25
M8	1.25	JX-Q199-M8-L-ST	JX-Q199-M8-L-SS	6-50.....	19	18.67	3.5	3.25
M10	1.5	JX-Q199-M10-L-ST	JX-Q199-M10-L-SS	6-55.....	21	20.67	4	3.75
M12	1.5	JX-Q199-M12-L-ST	JX-Q199-M12-L-SS	6-60.....	24	23.67	5	4.75