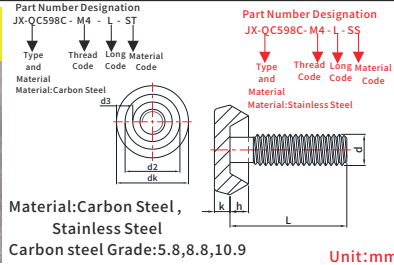


# JX WELD STUDS SCREWS FASTENERS SERIES

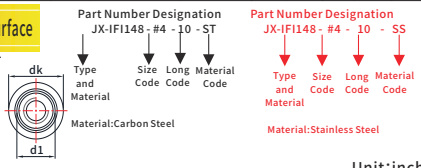
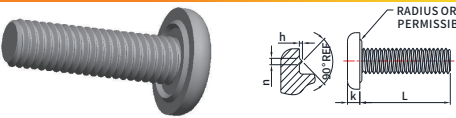
## Q C/T598© Type UR Projection Weld Studs



Material: Carbon Steel, Stainless Steel  
Carbon steel Grade: 5.8, 8.8, 10.9  
Unit: mm

Size	P/N		Pitch	dk		d2		d3		h		k	
	Carbon Steel	Stainless Steel		max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
M4	JX-QC598C-M4-L-ST	JX-QC598C-M4-L-SS	0.7	11.5	11.23	8.75	8.5	2.6	2.4	1.25	0.9	2	1.75
M5	JX-QC598C-M5-L-ST	JX-QC598C-M5-L-SS	0.8	12.5	12.23	9.75	9.5	2.6	2.4	1.25	0.9	2.5	2.25
M6	JX-QC598C-M6-L-ST	JX-QC598C-M6-L-SS	1	14.5	14.23	10.75	10.5	2.6	2.4	1.25	0.9	2.5	2.25
M8	JX-QC598C-M8-L-ST	JX-QC598C-M8-L-SS	1.25	19	18.67	14.25	14	3.1	2.9	1.45	1.1	3.5	3.25
M10	JX-QC598C-M10-L-ST	JX-QC598C-M10-L-SS	1.5	21	20.67	16.25	16	3.1	2.9	1.45	1.1	4	3.75
M12	JX-QC598C-M12-L-ST	JX-QC598C-M12-L-SS	1.75	24	23.67	18.75	18.5	3.6	3.4	1.65	1.3	5	4.75

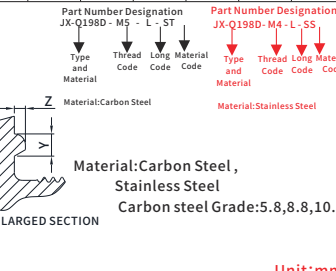
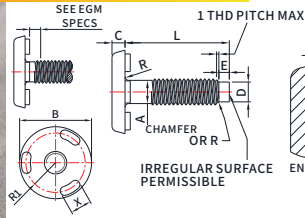
## Table 4 IF148-2002 Welding Screw With Flat Round Head And Ring Lower Surface



Material: Carbon Steel, Stainless Steel  
Unit: inch

Size	P/N		dk		k		h		d1	n
	Carbon Steel	Stainless Steel	Max	Min	Max	Min	Max	Min		
#4	JX-IF148-#4-L-ST	JX-IF148-#4-L-SS	0.260	0.240	0.046	0.036	0.013	0.008	0.195	0.022
#6	JX-IF148-#6-L-ST	JX-IF148-#6-L-SS	0.323	0.303	0.052	0.042	0.015	0.010	0.219	0.025
#8	JX-IF148-#8-L-ST	JX-IF148-#8-L-SS	0.385	0.365	0.068	0.058	0.018	0.013	0.266	0.031
#10	JX-IF148-#10-L-ST	JX-IF148-#10-L-SS	0.448	0.428	0.068	0.058	0.020	0.015	0.328	0.035
1/4	JX-IF148-1/4-L-ST	JX-IF148-1/4-L-SS	0.575	0.550	0.083	0.073	0.027	0.021	0.422	0.048
5/16	JX-IF148-5/16-L-ST	JX-IF148-5/16-L-SS	0.755	0.725	0.099	0.089	0.033	0.027	0.531	0.060
3/8	JX-IF148-3/8-L-ST	JX-IF148-3/8-L-SS	0.880	0.850	0.114	0.104	0.037	0.031	0.641	0.068
1/2	JX-IF148-1/2-L-ST	JX-IF148-1/2-L-SS	1.005	0.975	0.146	0.136	0.047	0.041	0.720	0.088

## JX-Q198D Projection weld screws - pilot point



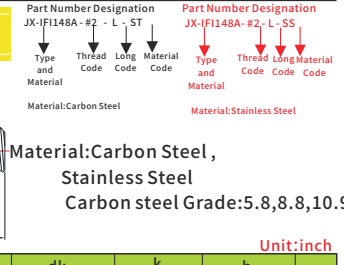
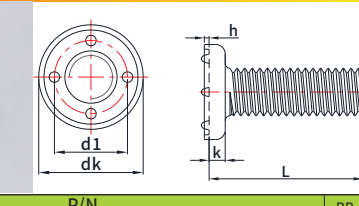
Material: Carbon Steel, Stainless Steel  
Carbon steel Grade: 5.8, 8.8, 10.9  
Unit: mm

Size	P/N		P	A		B		C		R		X		Y		Z	
	Carbon Steel	Stainless Steel		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.		
M5	JX-Q198D-M5-ST	JX-Q198D-M5-SS	0.8	4.36	4.45	15.25	16	2.25	2.5	0.7	6.6	4.25	4.75	1.75	2	0.9	1
M6	JX-Q198D-M6-ST	JX-Q198D-M6-SS	1	5.21	5.32	18	18.75	2.75	3	0.95	7.5	5	5.5	2.5	2.75	0.9	1
M8	JX-Q198D-M8-ST	JX-Q198D-M8-SS	1.25	7.21	7.32	20	20.75	3.75	4	1.2	8.4	6.5	7	2.75	3	0.9	1
M10	JX-Q198D-M10-ST	JX-Q198D-M10-SS	1.5	9.04	9.16	23.5	24.75	4.75	5	1.4	10	6.5	7	3	3.25	1	1.15

Size	Hole in welded panel		Clearance hole in panel		D		E		L							
	+0.25/-0.00	Dia max.	Slot width max.	min.	max.	min.	max.	min.	max.	15	20	25	30	35	40	45
M5	5.75	11.25	6.5	3.65	3.8	2.5	2			15	20	25	30	35	40	45
M6	6.75	14.5	8.5	4.35	4.5	3	2.5			15	20	25	30	35	40	45
M8	9.5	16	10	6.05	6.2	4	3.5			15	20	25	30	35	40	45
M10	11.5	20	13	7.7	7.85	5	4.5			20	25	30	35	40	45	50

# JX WELD STUDS SCREWS FASTENERS SERIES

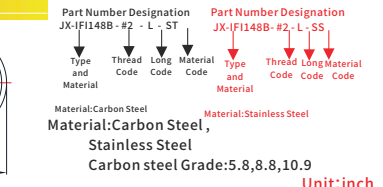
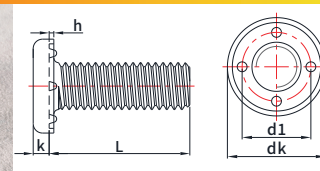
## IF148A-2002 Flat Round Head With Rings On Undertake Surface Welding Screws



Material: Carbon Steel, Stainless Steel  
Carbon steel Grade: 5.8, 8.8, 10.9  
Unit: inch

Size	P/N		PP UNC	dk		k		h		d1
	Carbon Steel	Stainless Steel		max.	min.	max.	min.	max.	min.	
#2	JX-IF148A-#2-L-ST	JX-IF148A-#2-L-SS	56	0.200	0.180	0.036	0.026	0.005	0.002	0.1
#4	JX-IF148A-#4-L-ST	JX-IF148A-#4-L-SS	48	0.250	0.230	0.036	0.026	0.006	0.003	0.13
#6	JX-IF148A-#6-L-ST	JX-IF148A-#6-L-SS	32	0.310	0.290	0.046	0.036	0.007	0.004	0.17
#8	JX-IF148A-#8-L-ST	JX-IF148A-#8-L-SS	32	0.350	0.330	0.052	0.042	0.008	0.005	0.19
#10	JX-IF148A-#10-L-ST	JX-IF148A-#10-L-SS	24	0.400	0.380	0.068	0.058	0.009	0.006	0.22
1/4	JX-IF148A-1/4-L-ST	JX-IF148A-1/4-L-SS	20	0.510	0.480	0.083	0.073	0.01	0.007	0.282
5/16	JX-IF148A-5/16-L-ST	JX-IF148A-5/16-L-SS	18	0.635	0.610	0.099	0.089	0.012	0.008	0.312
3/8	JX-IF148A-3/8-L-ST	JX-IF148A-3/8-L-SS	16	0.760	0.730	0.114	0.104	0.013	0.009	0.375
1/2	JX-IF148A-1/2-L-ST	JX-IF148A-1/2-L-SS	13	0.945	0.915	0.146	0.136	0.014	0.01	0.5

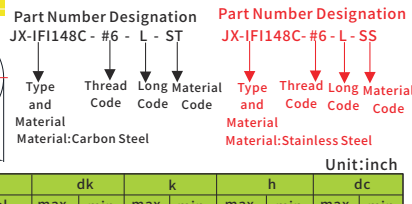
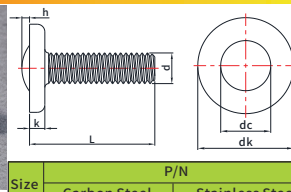
## IF148B-2002 Type UC4 Projection Weld Studs



Material: Carbon Steel, Stainless Steel  
Carbon steel Grade: 5.8, 8.8, 10.9  
Unit: inch

Size	P/N		dk		k		h		d1
	Carbon Steel	Stainless Steel	max.	min.	max.	min.	max.	min.	
#2	JX-IF148B-#2-L-ST	JX-IF148B-#2-L-SS	0.200	0.180	0.036	0.026	0.005	0.002	0.100
#4	JX-IF148B-#4-L-ST	JX-IF148B-#4-L-SS	0.250	0.230	0.046	0.036	0.006	0.003	0.130
#6	JX-IF148B-#6-L-ST	JX-IF148B-#6-L-SS	0.310	0.290	0.046	0.036	0.007	0.004	0.170
#8	JX-IF148B-#8-L-ST	JX-IF148B-#8-L-SS	0.350	0.330	0.052	0.042	0.008	0.005	0.190
#10	JX-IF148B-#10-L-ST	JX-IF148B-#10-L-SS	0.400	0.380	0.068	0.058	0.009	0.006	0.220
1/4	JX-IF148B-1/4-L-ST	JX-IF148B-1/4-L-SS	0.510	0.485	0.083	0.073	0.010	0.007	0.282
5/16	JX-IF148B-5/16-L-ST	JX-IF148B-5/16-L-SS	0.635	0.610	0.099	0.089	0.012	0.008	0.312
3/8	JX-IF148B-3/8-L-ST	JX-IF148B-3/8-L-SS	0.760	0.730	0.114	0.104	0.013	0.009	0.375
1/2	JX-IF148B-1/2-L-ST	JX-IF148B-1/2-L-SS	0.945	0.915	0.146	0.136	0.014	0.010	0.500

## IF148C-2002 Type TD Projection Weld Studs



Material: Carbon Steel, Stainless Steel  
Carbon steel Grade: 5.8, 8.8, 10.9  
Unit: inch

Size	P/N		dk		k		h		dc	
	Carbon Steel	Stainless Steel	max.	min.	max.	min.	max.	min.	max.	min.
#6	JX-IF148C-#6-L-ST	JX-IF148C-#6-L-SS	0.26	0.24	0.046	0.036	0.027	0.022	0.143	0.036
#8	JX-IF148C-#8-L-ST	JX-IF148C-#8-L-SS	0.323	0.303	0.052	0.042	0.028	0.023	0.169	0.042
#10	JX-IF148C-#10-L-ST	JX-IF148C-#10-L-SS	0.385	0.365	0.068	0.058	0.028	0.023	0.195	0.058
1/4	JX-IF148C-1/4-L-ST	JX-IF148C-1/4-L-SS	0.51	0.485	0.083	0.073	0.031	0.026	0.255	0.073
5/16	JX-IF148C-5/16-L-ST	JX-IF148C-5/16-L-SS	0.63	0.605	0.099	0.089	0.031	0.026	0.317	0.089
3/8	JX-IF148C-3/8-L-ST	JX-IF148C-3/8-L-SS	0.755	0.725	0.114	0.104	0.033	0.028	0.38	0.104
1/2	JX-IF148C-1/2-L-ST	JX-IF148C-1/2-L-SS	1.005	0.975	0.146	0.136	0.035	0.03	0.505	0.136

Material: Carbon Steel, Stainless Steel  
Carbon steel Grade: 5.8, 8.8, 10.9