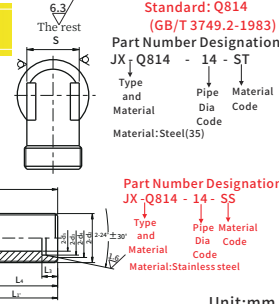


# AUTOMOTIVE FASTENERS SERIES

## Q814 24° Cone Connectors - Bulkhead Union Elbow



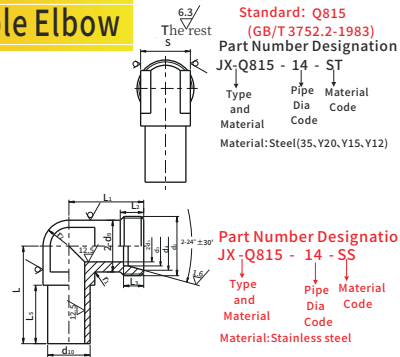
Material: Carbon Steel, Stainless Steel  
 Thread: d-GB/T 12716, d0-tolerance 6g, according to GB/T 196, GB/T 197  
 Surface treatment: zinc passivation, standard QC/T 625  
 Product defects: There should be no cracks, pores, burrs, sharp edges, rust spots and other defects that affect the use.  
 Acceptance and packaging: according to GB/T 90.1, GB/T 90.2, where thread AQL=1.5, ferrule end size AQL=1.5, and other sizes AQL=4.0. When there are special requirements, it shall be negotiated by both parties.



Unit:mm

Nominal pressure (Mpa)	Pipe Diameter (D0)	P/N		d3		d2	d5	d6	d9	b	L1	L2	d4 +0.10 -0	L3 +0.3 -0	L4	L1'	r1	r2	L	S		
		Steel	Stainless steel	Nominal size	Limit deviation																	
G (25)	4	JX-Q814-4-ST	JX-Q814-4-SS	4	+0.28 +0.21	M10X1	3	14	8	3	34	5.5	6.1	6.5	31	18.5	2	4	46	8	2	
	5	JX-Q814-5-ST	JX-Q814-5-SS	5		M12X1.25	4	17	10		36	7	8.1	7	32	20		5	50	10		
	6	JX-Q814-6-ST	JX-Q814-6-SS	6		M14X1.5	6	19	11		37	8.5	10.1		32.5	24.5		5.5	53	11		
	8	JX-Q814-8-ST	JX-Q814-8-SS	8		M16X1.5	8	21	13		39		12.3		34.5	26		6.5	56			
	10	JX-Q814-10-ST	JX-Q814-10-SS	10		M18X1.5	10	23	15		40		14.3		35.5	27.5		7.5	59	15		
	12	JX-Q814-12-ST	JX-Q814-12-SS	12		M20X1.5	12	25	17		42	9	16.3	7.5	35.5	28.5		8.5	60	18		
	14	JX-Q814-14-ST	JX-Q814-14-SS	14		M22X1.5	14	27	19		42		18.3		37.5	30.5		9.5	64	21		
	16	JX-Q814-16-ST	JX-Q814-16-SS	16		M24X1.5	15	29	21		42		20.3					10.5	66			
	18	JX-Q814-18-ST	JX-Q814-18-SS	18		M27X1.5	17	32	24		44		22.7	8.5	39.5	34		3	12	69		24
	20	JX-Q814-20-ST	JX-Q814-20-SS	20		M30X2	19	35	26		46		24.7		40	38			13	73		27
	22	JX-Q814-22-ST	JX-Q814-22-SS	22		M33X2	22	39	30		48		27.7	9.5	42	40.5			15	78		30
	25	JX-Q814-25-ST	JX-Q814-25-SS	25		M36X2	24	42	32		49		30.7		43	40.5			16	79		34
28	JX-Q814-28-ST	JX-Q814-28-SS	28	M42X2	27	49	38	50	13	10.5	44		46.5		19	86	41					
32	JX-Q814-32-ST	JX-Q814-32-SS	32																			

## Q815 24° Cone Connectors - Adjustable Elbow



Unit:mm

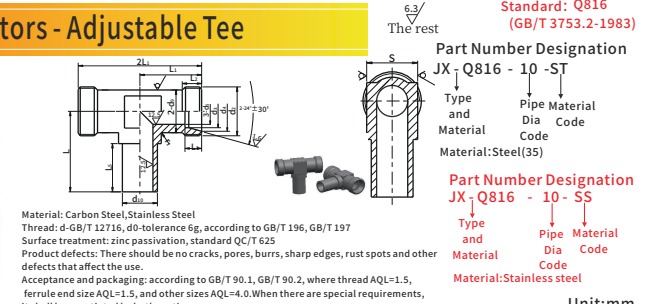
Nominal Pressure (MPa)	Pipe Diameter (D0)	P/N		d3		d2	d5	d9	d10 +0.20 +0.10	L2	d4 +0.10 -0	L3 +0.3 -0	L5	L1	L	r2	r1	S			
		Steel	Stainless steel	Nominal size	Limit deviation																
G (25)	4	JX-Q815-4-ST	JX-Q815-4-SS	4	+0.28 +0.21	M10X1	3	8	4	5.5	6.1	6.5	17	18.5	24	4	2	8	2		
	5	JX-Q815-5-ST	JX-Q815-5-SS	5		M12X1.25	4	10	6		7	8.1	7	19	20	28		5		10	
	6	JX-Q815-6-ST	JX-Q815-6-SS	6		M14X1.5	6	11	8		8.5	10.1		7	24.5	29		5.5		11	
	8	JX-Q815-8-ST	JX-Q815-8-SS	8		M16X1.5	8	13	10			12.3		21	26	6.5				15	
	10	JX-Q815-10-ST	JX-Q815-10-SS	10		M18X1.5	10	15	12			14.3		22	28.5	36		8.5		18	
	12	JX-Q815-12-ST	JX-Q815-12-SS	12		M20X1.5	12	17	14		9	16.3	7.5	23	28.5	39		9.5		21	
	14	JX-Q815-14-ST	JX-Q815-14-SS	14		M22X1.5	14	19	16			18.3		23	30.5	39		9.5			
	16	JX-Q815-16-ST	JX-Q815-16-SS	16		M24X1.5	15	21	18			20.3		23	30.5	41		10.5			
	18	JX-Q815-18-ST	JX-Q815-18-SS	18		M27X1.5	17	24	20			22.7	8.5	26	34	45		12		3	24
	20	JX-Q815-20-ST	JX-Q815-20-SS	20		M30X2	19	26	22			24.7		27	38	47		13			27
	22	JX-Q815-22-ST	JX-Q815-22-SS	22		M33X2	22	30	25		12	27.7	9.5	27	41	15					30
	25	JX-Q815-25-ST	JX-Q815-25-SS	25		M36X2	24	32	28			30.7		28	40.5	52		16			34
32	JX-Q815-32-ST	JX-Q815-32-SS	32	M42X2	27	38	32	13	35	10.5	28	46.5	57	19	4	41					

# AUTOMOTIVE FASTENERS SERIES

## Q816 24° Cone Connectors - Adjustable Tee



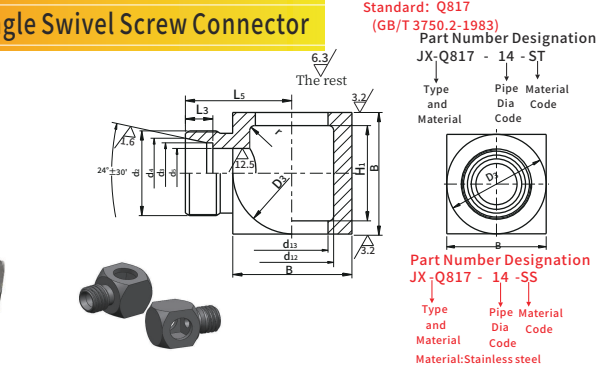
Material: Carbon Steel, Stainless Steel  
 Thread: d-GB/T 12716, d0-tolerance 6g, according to GB/T 196, GB/T 197  
 Surface treatment: zinc passivation, standard QC/T 625  
 Product defects: There should be no cracks, pores, burrs, sharp edges, rust spots and other defects that affect the use.  
 Acceptance and packaging: according to GB/T 90.1, GB/T 90.2, where thread AQL=1.5, ferrule end size AQL=1.5, and other sizes AQL=4.0. When there are special requirements, it shall be negotiated by both parties.



Unit:mm

Nominal Pressure (MPa)	Pipe Diameter (D0)	P/N		d3		d2	d5	d9	d10 +0.20 +0.10	L2	d4 +0.10 -0	L3 +0.3 -0	L5	L1	L	r1	S			
		Steel	Stainless steel	Nominal size	Limit deviation															
G (25)	4	JX-Q816-4-ST	JX-Q816-4-SS	4	+0.28 +0.21	M10X1	3	8	4	5.5	6.1	6.5	17	18.5	24	2	8	2		
	5	JX-Q816-5-ST	JX-Q816-5-SS	5		M12X1.25	4	10	6		7	8.1	7	19	20		28		10	
	6	JX-Q816-6-ST	JX-Q816-6-SS	6		M14X1.5	6	11	8		8.5	10.1		24.5	29		11			
	8	JX-Q816-8-ST	JX-Q816-8-SS	8		M16X1.5	8	13	10			12.3		26	32					
	10	JX-Q816-10-ST	JX-Q816-10-SS	10		M18X1.5	10	15	12			14.3		21	27.5		34		15	
	12	JX-Q816-12-ST	JX-Q816-12-SS	12		M20X1.5	12	17	14		9	16.3	7.5	22	28.5		36		18	
	14	JX-Q816-14-ST	JX-Q816-14-SS	14		M22X1.5	14	19	16			18.3		23	30.5		39		21	
	16	JX-Q816-16-ST	JX-Q816-16-SS	16		M24X1.5	15	21	18			20.3		23	30.5		41		21	
	18	JX-Q816-18-ST	JX-Q816-18-SS	18		M27X1.5	17	24	20			22.7	8.5	26	34		45		3	24
	20	JX-Q816-20-ST	JX-Q816-20-SS	20		M30X2	19	26	22			24.7		27	38		47		27	
	22	JX-Q816-22-ST	JX-Q816-22-SS	22		M33X2	22	30	25		12	27.7	9.5	27	40.5		51		30	
	25	JX-Q816-25-ST	JX-Q816-25-SS	25		M36X2	24	32	28			30.7		28	40.5		52		34	
32	JX-Q816-32-ST	JX-Q816-32-SS	32	M42X2	27	38	32	13	35	10.5	28	46.5	57	4	41					

## Q817 24° Cone Connectors - Angle Swivel Screw Connector



Unit:mm

Nominal pressure (MPa)	Pipe Diameter (D0)	P/N		d3		d4		L3		d2	d5	L1	d12	d13	H1	B	r	D3										
		Steel	Stainless steel	Nominal size	Limit deviation	Nominal size	Limit deviation	Nominal size	Limit deviation																			
E (16)	4	JX-Q817-4-ST	JX-Q817-4-SS	4	+0.30 +0.30	6.1	7.5	6.5	7	14	10	11	16	16	1	16	3	16.5	20									
	5	JX-Q817-5-ST	JX-Q817-5-SS	5		7.1														M10X1	3	16.5	14	10	11	16	16	
	6	JX-Q817-6-ST	JX-Q817-6-SS	6		8.1														M12X1.25	4	18.7	17	12	14	20	22	
	8	JX-Q817-8-ST	JX-Q817-8-SS	8		10.1														M14X1.5	6	23	17	12	14	20	22	
	10	JX-Q817-10-ST	JX-Q817-10-SS	10		12.3														M16X1.5	8	24.5	19	14	15	22	26	
	12	JX-Q817-12-ST	JX-Q817-12-SS	12		14.3														M18X1.5	10	26.5	23	16	19	26	29	
	14	JX-Q817-14-ST	JX-Q817-14-SS	14		16.3														M20X1.5	12	28	25	18	22	29	36	
	16	JX-Q817-16-ST	JX-Q817-16-SS	16		18.3														M22X1.5	14	30.5	30	22	26	34	2	34
	18	JX-Q817-18-ST	JX-Q817-18-SS	18		20.3														M24X1.5	15	30.5	30	22	26	34	2	34
	20	JX-Q817-20-ST	JX-Q817-20-SS	20		22.7														M27X1.5	17	35	38	27	35	43	3	43
	22	JX-Q817-22-ST	JX-Q817-22-SS	22		24.7														M30X2	19	39.5	38	27	35	43	3	43
	25	JX-Q817-25-ST	JX-Q817-25-SS	25		27.7														M33X2	22	44.5	47	33	44	53	3	53
28	JX-Q817-28-ST	JX-Q817-28-SS	28	30.7	M36X2	24	44.5	47	33	44	53	3	53															