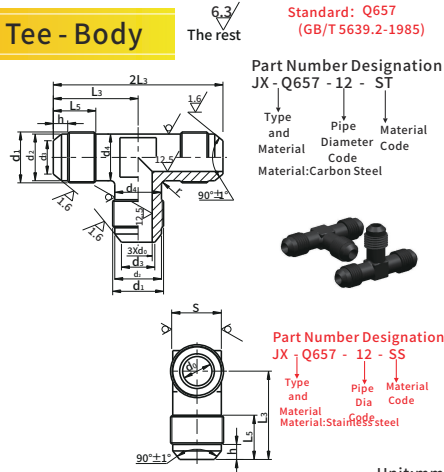


# AUTOMOTIVE FASTENERS SERIES

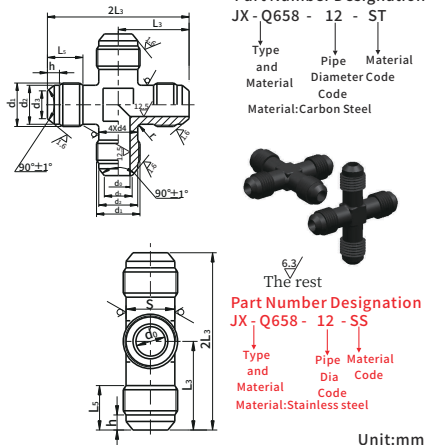
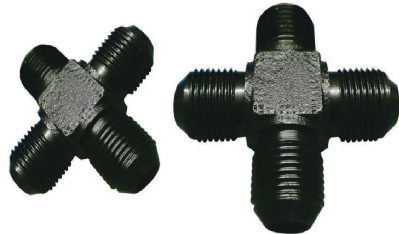
## Q657 Flared Couplings - Male Branch Tee - Body



Material: Steel, tensile strength not less than 372MPa.  
 Thread: tolerance 6g, standard GB/T 196, GB/T 197  
 Surface treatment: zinc passivation QC/T 625  
 Remarks: There should be no cracks, pores, burrs, sharp edges, rust spots and other defects that affect the use.  
 Acceptance inspection: According to GB/T 90.1, the thread size AQL=1.5, the flare end size AQL=1.5, and the other sizes AQL=4.0.  
 When there are special requirements, both parties shall negotiate.

Pipe Dia D <sub>0</sub>	P/N		Thread Size d <sub>1</sub>	d <sub>0</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	L <sub>3</sub>	L <sub>5</sub>	h	r	S
	Steel	Stainless steel										
	5	JX-Q657-5-ST	JX-Q657-5-SS	M10X1	3.5	8.4	4.3	8	20.5	9.5	4.5	2
6	JX-Q657-6-ST	JX-Q657-6-SS	M12X1.5	4	10	4.8	10	24	12	5.5	10	
8	JX-Q657-8-ST	JX-Q657-8-SS	M14X1.5	6	11.7	7	11	28.5	13.5	6	11	
10	JX-Q657-10-ST	JX-Q657-10-SS	M16X1.5	8	13.7	9	13	30.5	1.45			6
12	JX-Q657-12-ST	JX-Q657-12-SS	M18X1.5	10	15.7	11	15	31.5		1.45	6	

## Q658 Flared Couplings - Union Cross

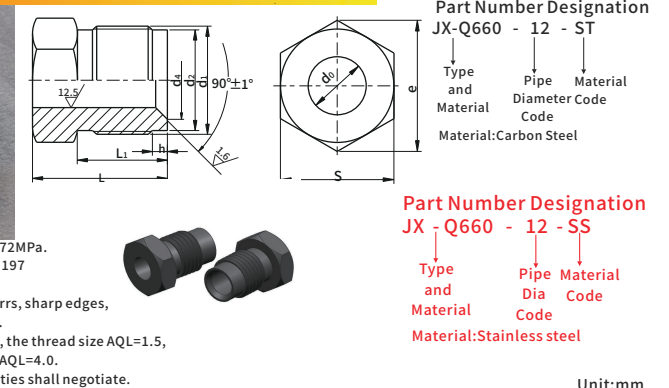


Material: Steel, tensile strength not less than 372MPa.  
 Thread: tolerance 6g, standard GB/T 196, GB/T 197  
 Surface treatment: zinc passivation QC/T 625  
 Remarks: There should be no cracks, pores, burrs, sharp edges, rust spots and other defects that affect the use.  
 Acceptance inspection: According to GB/T 90.1, the thread size AQL=1.5, the flare end size AQL=1.5, and the other sizes AQL=4.0.  
 When there are special requirements, both parties shall negotiate.

Pipe Dia D <sub>0</sub>	P/N		Thread Size d <sub>1</sub>	d <sub>0</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	L <sub>3</sub>	L <sub>5</sub>	h	r	S
	Steel	Stainless steel										
	5	JX-Q658-5-ST	JX-Q658-5-SS	M10X1	3.5	8.4	4.3	8	20.5	9.5	4.5	2
6	JX-Q658-6-ST	JX-Q658-6-SS	M12X1.5	4	10	4.8	10	24	12	5.5	10	
8	JX-Q658-8-ST	JX-Q658-8-SS	M14X1.5	6	11.7	7	11	28.5	13.5	6	11	
10	JX-Q658-10-ST	JX-Q658-10-SS	M16X1.5	8	13.7	9	13	30.5	1.45			6
12	JX-Q658-12-ST	JX-Q658-12-SS	M18X1.5	10	15.7	11	15	31.5		1.45	6	

# AUTOMOTIVE FASTENERS SERIES

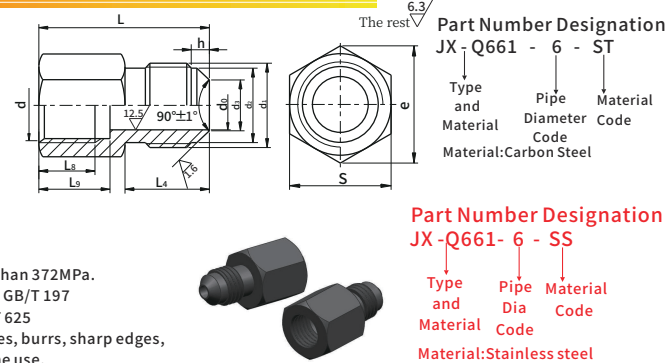
## Q660 Flared type tube fittings-inverted flare bolts



Material: Steel, tensile strength not less than 372MPa.  
 Thread: tolerance 6g, standard GB/T 196, GB/T 197  
 Surface treatment: zinc passivation QC/T 625  
 Remarks: There should be no cracks, pores, burrs, sharp edges, rust spots and other defects that affect the use.  
 Acceptance inspection: According to GB/T 90.1, the thread size AQL=1.5, the flare end size AQL=1.5, and the other sizes AQL=4.0.  
 When there are special requirements, both parties shall negotiate.

Pipe Dia D <sub>0</sub>	P/N		Thread Size d <sub>1</sub>	d <sub>0</sub>		d <sub>2</sub>	d <sub>4</sub>	h	L <sub>1</sub>	L	e	S
	Steel	Stainless steel		Basic size	Limit deviation							
	5	JX-Q660-5-ST	JX-Q660-5-SS	M10X1	5	+0.20 +0.10	8.4	7	4.5	12.5	18.5	15
6	JX-Q660-6-ST	JX-Q660-6-SS	M12X1.5	6	10		8.5	14.5		20.5	18.5	16
8	JX-Q660-8-ST	JX-Q660-8-SS	M14X1.5	8	5.5	11.7	10.5	18	24	20.8	18	
10	JX-Q660-10-ST	JX-Q660-10-SS	M16X1.5	10		13.7	12.5	18.5	25.5	24.2	21	
12	JX-Q660-12-ST	JX-Q660-12-SS	M18X1.5	12	15.7	14.5	27.7	24				

## Q661 Flared Couplings - Connector for Pressure Gauge



Material: Steel, tensile strength not less than 372MPa.  
 Thread: tolerance 6g, standard GB/T 196, GB/T 197  
 Surface treatment: zinc passivation QC/T 625  
 Remarks: There should be no cracks, pores, burrs, sharp edges, rust spots and other defects that affect the use.  
 Acceptance inspection: According to GB/T 90.1, the thread size AQL=1.5, the flare end size AQL=1.5, and the other sizes AQL=4.0.  
 When there are special requirements, both parties shall negotiate.

Pipe Dia D <sub>0</sub>	P/N		d	d <sub>1</sub>	d <sub>0</sub>	d <sub>2</sub>	d <sub>3</sub>	L <sub>4</sub>	L <sub>8</sub>	L <sub>9</sub>	L	h	e	S
	Steel	Stainless steel												
	6	JX-Q661-06-M10-ST	JX-Q661-06-M10-SS	M10X1	M12X1.5	4	10	4.8	15.7	5.5	10.5	30.2	5.5	15
JX-Q661-06-M11-ST		JX-Q661-06-M11-SS	M11X1.5	8.5						13.5	33.2	20.8		18
JX-Q661-06-M20-ST		JX-Q661-06-M20-SS	M20X1.5	12						19	39.7	27.7	24	
14	JX-Q661-14-M20-ST	JX-Q661-14-M20-SS	M22X1.5	12	19.7	12.5	19.5	12	19	43.5	6			