

# AUTOMOTIVE SCREWS FASTENERS SERIES

## JX-Q263 Cross recessed countersunk head thread forming screws

Mechanical performance rating: 4,8,5,8,8,8  
Material: Carbon steel, stainless steel

Part Number Designation: JX-Q263-M5-30-ST (Carbon Steel), JX-Q263-M5-30-SS (Stainless Steel)

Material: Carbon Steel, Stainless Steel, Brass, Aluminum, Titanium  
Surface treatment: ROHS zinc, nickel, zinc-nickel alloy, dacromet

Standard: Q263, GB/T6561-1986

Unit: mm

Size d	Pitch P	P/N		a max	b min	dk			K max	r max	X max	Cross recess			
		Carbon Steel	Stainless steel			Actual value	Theoretical value					Slot NO.	Insert depth		
							max	min					max	max	min
M3	0.5	JX-Q263-M3-L-ST	JX-Q263-M3-L-SS	1	18	5.5	5.2	6.3	1.65	0.8	1.25	1	2.1	1.7	3.2
M4	0.7	JX-Q263-M4-L-ST	JX-Q263-M4-L-SS	1.4	24	8.4	8	9.4	2.7	1	1.75	2	2.6	2.1	4.6
M5	0.8	JX-Q263-M5-L-ST	JX-Q263-M5-L-SS	1.6	30	9.3	8.9	10.4	2.7	1.3	2	2	3.2	2.7	5.2
M6	1.0	JX-Q263-M6-L-ST	JX-Q263-M6-L-SS	2	35	11.3	10.9	12.6	3.3	1.5	2.5	3	3.5	3.0	6.8

Remark: 1. The length L can customize according to customer's need; 2. Try to avoid the specifications of the brackets; 3. No screw section rod diameter ≈ pitch diameter or major diameter.

## JX-Q271 Cross recessed pan head tapping screws

Part Number Designation: JX-Q271-ST3.5-20-ST (Carbon Steel), JX-Q271-ST3.5-20-SS (Stainless Steel)

Material: Carbon Steel, Stainless Steel, Brass, Aluminum, Titanium  
Surface treatment: ROHS zinc, nickel, zinc-nickel alloy, dacromet

Mechanical performance rating: 4,8,5,8,8,8

Standard: Q271, Q272, GB/T845-1985

Unit: mm

Size d	Pitch P	P/N				L	dk		K		Cross recess			
		C Type		F Type			max	min	max	min	Slot NO.	Insert depth		
		Carbon Steel	Stainless steel	Carbon Steel	Stainless steel							max	min	m
ST2.9	1.1	JX-Q271-ST2.9-L-ST	JX-Q271-ST2.9-L-SS	JX-Q272-ST2.9-L-ST	JX-Q272-ST2.9-L-SS	6.5.....	5.6	5.3	2.4	2.15	1	1.8	1.4	3
ST3.5	1.3	JX-Q271-ST3.5-L-ST	JX-Q271-ST3.5-L-SS	JX-Q272-ST3.5-L-ST	JX-Q272-ST3.5-L-SS	9.5.....	7	6.64	2.6	2.35	2	1.9	1.4	3.9
ST4.2	1.4	JX-Q271-ST4.2-L-ST	JX-Q271-ST4.2-L-SS	JX-Q272-ST4.2-L-ST	JX-Q272-ST4.2-L-SS	9.5.....	8	7.64	3.1	2.8	2	2.4	1.9	4.4
ST4.8	1.6	JX-Q271-ST4.8-L-ST	JX-Q271-ST4.8-L-SS	JX-Q272-ST4.8-L-ST	JX-Q272-ST4.8-L-SS	9.5.....	9.5	9.14	3.7	3.4	2	2.9	2.4	4.9
ST5.5	1.8	JX-Q271-ST5.5-L-ST	JX-Q271-ST5.5-L-SS	JX-Q272-ST5.5-L-ST	JX-Q272-ST5.5-L-SS	13.....	11	10.57	4	3.7	3	3.1	2.6	6.4
ST6.3	1.8	JX-Q271-ST6.3-L-ST	JX-Q271-ST6.3-L-SS	JX-Q272-ST6.3-L-ST	JX-Q272-ST6.3-L-SS	13.....	12	11.57	4.6	4.3	3	3.6	3.1	6.9

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

Remark: Material and surface treatment can also be manufactured according to customer requirement

# AUTOMOTIVE SCREWS FASTENERS SERIES

## JX-Q210B Hexalobular socket head cap screws

Part Number Designation: JX-Q210B-M10-20-SS

Part Number Designation: JX-Q210B-M10-20-ST (Carbon Steel), JX-Q210B-M10-20-SS (Stainless Steel)

Material: Carbon Steel, Stainless Steel, Brass, Aluminum, Titanium  
Surface treatment: ROHS zinc, nickel, zinc-nickel alloy, dacromet

Mechanical performance rating: 4,8,5,8,8,8

Standard: Q210, GB/T2671.2-2004

Unit: mm

Size d	Pitch P	P/N		L	ds		dk		K		b min	r min	Hexagonal flower shape			
		Carbon Steel	Stainless steel		max	min	max	min	max	min			Slot NO.	t		
														max	min	B max
M6	1.0	JX-Q210B-M6-L-ST	JX-Q210B-M6-L-SS	10 12.....60	6	5.82	10	9.78	3.9	3.6	24	0.25	T30	2	1.6	4.1
M8	1.25	JX-Q210B-M8-L-ST	JX-Q210B-M8-L-SS	12.....70 80	8	7.78	13	12.73	5	4.7	28	0.4	T40	2.6	2.2	5
M10	1.5	JX-Q210B-M10-L-ST	JX-Q210B-M10-L-SS	16.....70 80	10	9.78	16	15.73	6	5.7	32	0.4	T50	3	2.6	6.62
M12	1.75	JX-Q210B-M12-L-ST	JX-Q210B-M12-L-SS	20.....70 80	12	11.73	18	17.73	7	6.64	36	0.6	T55	3.8	3.32	8.2
(M14)	2.0	JX-Q210B-M14-L-ST	JX-Q210B-M14-L-SS	25.....70 80	14	13.73	21	20.67	9	8.64	40	0.6	T55	4	3.52	8.2
M16	2.0	JX-Q210B-M16-L-ST	JX-Q210B-M16-L-SS	25.....70 80	16	15.73	24	23.67	11	10.57	44	0.6	T60	4.5	4.02	9.8
M20	2.5	JX-Q210B-M20-L-ST	JX-Q210B-M20-L-SS	30.....70 80	20	19.67	30	29.67	13	12.57	52	0.8	T80	7	6.42	13

Remark: 1. The length L can customize according to customer's need; 2. Try to avoid the specifications of the brackets.

## JX-Q212 Inner hexagon cylindrical head screw

Part Number Designation: JX-Q212-M5-20-ST (Carbon Steel), JX-Q212-M5-20-SS (Stainless Steel)

Material: Carbon Steel, Stainless Steel, Brass, Aluminum, Titanium  
Surface treatment: ROHS zinc, nickel, zinc-nickel alloy, dacromet

Mechanical performance rating: 4,8,5,8,8,8

Standard: Q212, GB/T2671.1-2004

Unit: mm

Size d	Pitch P	P/N		L	K		dk		b min	Hexagonal flower shape			
		Carbon Steel	Stainless steel		max	min	max	min		Slot NO.	t		
											max	min	B max
M2	0.4	JX-Q212-M2-L-ST	JX-Q212-M2-L-SS	3 4 5 6 8 10.....16 20	1.55	1.41	3.80	3.62	25	T6	0.84	0.71	1.75
M2.5	0.45	JX-Q212-M2.5-L-ST	JX-Q212-M2.5-L-SS	3 4 5 6 8.....16 20 25	1.85	1.71	4.50	4.32	25	T8	0.91	0.78	2.4
M3	0.5	JX-Q212-M3-L-ST	JX-Q212-M3-L-SS	4 5 6 8.....20 25 30	2.4	2.26	5.50	5.32	25	T10	1.27	1.01	2.8
M3.5	0.6	JX-Q212-M3.5-L-ST	JX-Q212-M3.5-L-SS	5 6 8 10.....25 30 35	2.6	2.46	6.00	5.82	38	T15	1.33	1.07	3.35
M4	0.7	JX-Q212-M4-L-ST	JX-Q212-M4-L-SS	3 4 5 6 8 10.....16 20	3.1	2.92	7.00	6.78	38	T20	1.66	1.27	3.95
M5	0.8	JX-Q212-M5-L-ST	JX-Q212-M5-L-SS	6 8 10.....40 45 50	3.65	3.47	8.50	8.28	38	T25	1.91	1.52	4.5
M6	1.0	JX-Q212-M6-L-ST	JX-Q212-M6-L-SS	8 10.....50 (55) 60	4.4	4.1	10.00	9.78	38	T30	2.29	1.90	5.6
M8	1.25	JX-Q212-M8-L-ST	JX-Q212-M8-L-SS	10 12.....70 (75) 80	5.8	5.5	13.00	12.73	38	T45	3.05	2.66	7.95
M10	1.5	JX-Q212-M10-L-ST	JX-Q212-M10-L-SS	12 (14).....70 (75) 80	6.9	6.54	16.00	15.73	38	T50	3.43	3.04	8.95

Remark: 1. The length L can customize according to customer's need; 2. Try to avoid the specifications of the brackets.

Remark: Material and surface treatment can also be manufactured according to customer requirement