

# AUTOMOTIVE SCREWS FASTENERS SERIES

## JX-Q128 Double end studs



**Part Number Designation**  
JX-Q128-M8-150-ST

Type and Code: M8  
Thread Code: 150  
Long Code: 200  
Material Code: ST

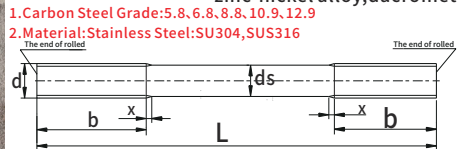
Material: Carbon Steel  
Brass, Aluminum, Titanium  
Surface treatment: ROHS zinc, nickel, zinc-nickel alloy, dacromet

Standard: Q128  
(GB/T 953-1988)

**Part Number Designation**  
JX-Q128-M8-150-SS

Type and Code: M8  
Thread Code: 150  
Long Code: 260  
Material Code: SS

Material: Stainless Steel



1. Carbon Steel Grade: 5.8, 6.8, 8.8, 10.9, 12.9
2. Material: Stainless Steel: SU304, SU316

Size d	Pitch P	P/N		L Long	X	b
		Carbon Steel	Stainless steel			
M8	1.25	JX-Q128-M8-L-ST	JX-Q128-M8-L-SS	150 160 170 180 200 220 240 260 .....	1.5P	41
M10	1.5	JX-Q128-M10-L-ST	JX-Q128-M10-L-SS	150 160 170 180 200 220 240 260 .....	1.5P	45
M12	1.75	JX-Q128-M12-L-ST	JX-Q128-M12-L-SS	150 160 170 180 200 220 240 260 .....	1.5P	49
(M14)	2.0	JX-Q128-M14-L-ST	JX-Q128-M14-L-SS	150 160 170 180 200 220 240 260 .....	1.5P	53
M16	2.0	JX-Q128-M16-L-ST	JX-Q128-M16-L-SS	200 220 240 260 .....	1.5P	57

Unit:mm

## Hex head and plain washer combination bolt



**Part Number Designation**  
JX-Q140B-M8-20-ST

Type and Code: M8  
Thread Code: 20  
Long Code: 200  
Material Code: ST

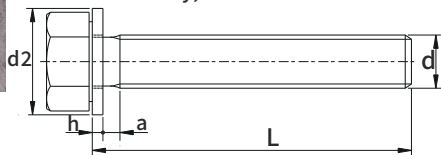
Material: Carbon Steel  
Brass, Aluminum, Titanium  
Surface treatment: ROHS zinc, nickel, zinc-nickel alloy, dacromet

Standard: Q140B  
(GB/T 9074.1-2002)

**Part Number Designation**  
JX-Q140B-M8-20-SS

Type and Code: M8  
Thread Code: 20  
Long Code: 260  
Material Code: SS

Material: Stainless Steel



- Material:
1. Carbon Steel Grade: 5.8, 6.8, 8.8, 10.9, 12.9
  2. Stainless Steel: SU304, SU316

Thread Size d	P/N		L Long	a max	L Type Enlarge			N Type Standard	
	Carbon Steel	Stainles steel			h	Nominal	d <sub>2</sub> max	h	Nominal
M3	JX-Q140B-M3-L-ST	JX-Q140B-M3-L-SS	8 10 12 16 20 25 30	2P	0.8	9	0.6	7	
M4	JX-Q140B-M4-L-ST	JX-Q140B-M4-L-SS	10 12 16 20 25 30 35	2P	1.0	12	0.8	9	
M5	JX-Q140B-M5-L-ST	JX-Q140B-M5-L-SS	12 16 20 25 30 35 40	2P	1.0	15	1.0	10	
M6	JX-Q140B-M6-L-ST	JX-Q140B-M6-L-SS	16 20 25 30 35 40 45 50	2P	1.6	18	1.6	12	
M8	JX-Q140B-M8-L-ST	JX-Q140B-M8-L-SS	20 25 30 ..... (55) 60 (65)	2P	2.0	24	1.6	16	
M10	JX-Q140B-M10-L-ST	JX-Q140B-M10-L-SS	25 30 35 ..... (65) 70 80	2P	2.5	30	2.0	20	
M12	JX-Q140B-M12-L-ST	JX-Q140B-M12-L-SS	25 30 ..... 80 90 100	2P	3.0	37	2.5	24	

Unit:mm

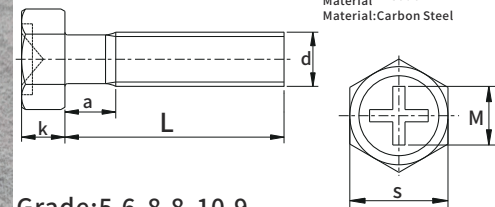
- Remark:
1. The length L can customize according to customer's need;
  2. When welding steel plate thickness  $\geq 2$  mm, when the welding time  $> 60$  ms,  $7^\circ$  can be increased to  $14^\circ$ .

# AUTOMOTIVE SCREWS FASTENERS SERIES

## Cross recessed hexagon bolts with indentation



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



- Grade: 5.6, 8.8, 10.9  
Standard: Q174B, GB/T 29.2 - 2013

**Part Number Designation**  
JX-Q174B-M5-20-SS

Type and Code: M5  
Thread Code: 20  
Long Code: 200  
Material Code: SS

Material: Stainless Steel

**Part Number Designation**  
JX-Q174B-M5-20-ST

Type and Code: M5  
Thread Code: 20  
Long Code: 260  
Material Code: ST

Material: Carbon Steel

Size d	Thread Code	P/N		L Long	a max	K			S		Cross slot H Type			
		Carbon Steel	Stainless steel			Nom	min	max	min	max	Insert depth min	max	M	Slot NO.
M4	0.7	JX-Q174B-M4-L-ST	JX-Q174B-M4-L-SS	8 10 12 (14) 16 20 25 30 35	2.1	2.8	2.6	3	6.64	7	1.4	1.93	4	2
M5	0.8	JX-Q174B-M5-L-ST	JX-Q174B-M5-L-SS	8 10 12 (14) 16 ..... 30 35 40	2.4	3.5	3.26	3.74	7.64	8	2.19	2.73	4.8	2
M6	1.0	JX-Q174B-M6-L-ST	JX-Q174B-M6-L-SS	10 12 (14) 16 ..... 30 35 40 50	3	4	3.76	4.24	9.64	10	2.31	2.86	6.2	3
M8	1.25	JX-Q174B-M8-L-ST	JX-Q174B-M8-L-SS	10 12 (14) 16 ..... 50 (55) 60	3.75	5.3	5.06	5.54	12.57	13	3.21	3.86	7.2	3

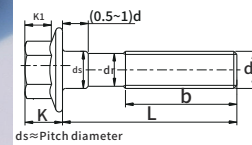
Unit:mm

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

## JX-Q182 Hexagon head flange face reduced shank bolts



Mechanical performance rating: 8.8, 10.9  
Material: Carbon Steel, Stainless Steel.  
Brass, Aluminum, Titanium  
Surface treatment: ROHS zinc, nickel, zinc-nickel alloy, dacromet



- ds  $\approx$  Pitch diameter  
Standard: Q182(Q184), GB/T 5788-1986

**Part Number Designation**  
JX-Q182-M12-80-ST

Type and Code: M12  
Thread Code: 80  
Long Code: 200  
Material Code: ST

Material: Carbon Steel

**Part Number Designation**  
JX-Q182-M12-80-SS

Type and Code: M12  
Thread Code: 80  
Long Code: 260  
Material Code: SS

Material: Stainless Steel

Size d	Pitch P	P/N		b <sub>ref</sub>		K1 min	d <sub>c</sub> max	K max	S		d <sub>s</sub> min	d <sub>s</sub> max
		Carbon Steel	Stainless steel	L $\leq 125$	125 $< L \leq 200$				min	max		
M5	0.8	JX-Q182-M5-L-ST	JX-Q182-M5-L-SS	16	/	2.3	11.4	5.6	6.64	7	4.82	5
M6	1.0	JX-Q182-M6-L-ST	JX-Q182-M6-L-SS	18	/	2.9	13.6	6.8	7.64	8	5.82	6
M8	1.25	JX-Q182-M8-L-ST	JX-Q182-M8-L-SS	22	28	3.8	17.0	8.5	9.64	10	7.78	8
M10	1.5	JX-Q182-M10-L-ST	JX-Q182-M10-L-SS	26	32	4.3	20.8	9.7	12.50	13	9.78	10
M12	1.75	JX-Q182-M12-L-ST	JX-Q182-M12-L-SS	30	36	5.4	24.7	11.9	14.57	15	11.73	12
(M14)	2.0	JX-Q182-M14-L-ST	JX-Q182-M14-L-SS	34	40	5.6	28.6	12.9	17.57	18	13.73	14
M16	2.0	JX-Q182-M16-L-ST	JX-Q182-M16-L-SS	38	44	6.7	32.8	15.1	20.48	21	15.73	16

Unit:mm

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