

# Studs - Fully Threaded / Stud Bolts / Hex Head Stud Bolts

**Studs - Fully Threaded**

Type	Material	Surface Treatment
ANE	Steel for general structure	Black Oxide
ANES	SUS304 Equivalent	-

Screw Precision: Thread gauge class 3 is used

**RoHS 10**

**Ordering Example**

**Part Number**  
ANE10-300  
ANES16-500

Part Number	Type	M-L	MxP	ANE		ANES	
				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
				1 - 49 pc(s)	50 - 300 pcs	1 - 49 pc(s)	50 - 300 pcs
ANE ANES	6-100	200	6x1.0				
		300					
	8-100	200	8x1.25				
		300					
		500					
	10-100	200	10x1.5				
		300					
		500					
	12-100	200	12x1.75				
		300					
		500					
	16-100	200	16x2.0				
		300					
		500					

**Stud Bolts**

**STDN** (Both Ends Right-Hand Screws)

M	P
8	1.25
10	1.5
12	1.75
16	2.0
20	2.5

**M** Material: S45C  
**H** Hardness: 32 to 38HRC  
**S** Surface Treatment: Black Oxide

**RoHS 10**

Part Number	Type	M	L	F	E	B	Unit Price	Volume Discount Rate	
							1 - 49 pc(s)	50 - 200 pcs	
STDN	16		75	30	8	13			
			100	40	10				
			125	40	15				
			150	40	15				
			175	40	20				
			200	40	20				
	20			225	60	20	17		
				250	60	25			
				300	60	25			
				100	40	10			
				125	40	15			
				150	40	15			
				175	40	20			
				200	40	20			
				225	60	20			
250	60	25							
300	60	25							

When L=100 or less, no straight part exists.

**Ordering Example**

**Part Number** - **L**  
STDN10 - 100

Part Number	Type	M	L	F	E	B	Unit Price	Volume Discount Rate	
							1 - 49 pc(s)	50 - 200 pcs	
STDN	8		50	20	6	6			
			75	30	6				
			100	40	10				
	10			125	40	15	8		
				150	40	15			
				175	40	20			
				200	40	20			
				225	60	20			
				250	60	25			
	12			50	20	6	10		
				75	30	6			
				100	40	10			
				125	40	15			
				150	40	15			
				175	40	20			

**Hex Head Stud Bolts**

Type	Material	Hardness	Surface Treatment
RSBB	S45C	35-40HRC	Black Oxide
RSBM			Electroless Nickel Plating

$25 / (\frac{6.3}{\sqrt{3}})$

**RoHS 10**

Part Number	Type	M	MxPitch	L	F	H	B	g	Unit Price	Volume Discount Rate
									RSBB, RSBM	
RSBB RSBM			3	3x0.5	7.5	4	2	6	1	
			4	4x0.7	10	5		7	1.2	
			5	5x0.8	12.5	7	3	8	1.4	
			6	6x1.0	15	8		10	1.5	
			8	8x1.25	20	11		13		
			10	10x1.5	25	14		17	2	

**Ordering Example**

**Part Number**  
RSBB8