

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

Fully Threaded Studs with Scale / Flanged Brackets

Bracket Type

Studs - Fully Threaded

Type	Material	Surface Treatment
ANE	Steel for general structure	Black Oxide
ANES	EN 1.4301 Equiv.	-

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					
		500					
	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

Material: EN 1.1191 Equiv.
Hardness: 32 to 38HRC
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	8	6	50	20	6			
			75	30	6			
			100	40	10			
			125	40	15			
			150	40	15			
			200	40	20			
	10	8	50	20	6			
			75	30	6			
			100	40	10			
			125	40	15			
			150	40	15			
			200	40	20			
	12	10	50	20	6			
			75	30	6			
			100	40	10			
			125	40	15			
			150	40	15			
			200	40	20			

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

Hex Head Stud Bolts

Type	Material	Hardness	Surface Treatment
RSBB	EN 1.1191	35-40HRC	Black Oxide
RSBM	Equiv.		Electroless Nickel Plating

RoHS 10

Part Number	Type	M	MxPitch	L	F	H	B	g	Unit Price
									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		8	1.4	
		6	6x1.0	15	8	3	10	1.5	
		8	8x1.25	20	11		13		
		10	10x1.5	25	14	4	17	2	

Ordering Example

Part Number
RSBB8

Fully Threaded Studs with Scale

Direction of Scale Display Y (Horizontal)

Direction of Scale Display T (Vertical)

Type	Material	Surface Treatment
ASSB	EN 1.7220 Equiv.	Black Oxide
ASSS	EN 1.4301 Equiv.	-

*Use as measuring tool for adjustment of machines and equipment.

Part Number	Type	Direction of Scale Display	M (Coarse)	L	B	D	t	ASSB Unit Price	Volume Discount Rate	ASSS Unit Price	Volume Discount Rate
								1 - 4 pc(s)	5 - 50 pcs	1 - 4 pc(s)	5 - 50 pcs
ASSB ASSS	Y (Horizontal) T (Vertical)		8	120	4	6.6	5				
			10		5	8.3	6				
			12		6	10	8				
			16		8	14	10				

Round Flange
BRBR, MRBR, SRBR

Square Flange
BRBS, MRBS, SRBS

Compact Flange
BRBC, MRBC, SRBC

Type	Material	Surface Treatment
BRBR, MRBR, SRBR	EN 1.0038 Equiv.	Black Oxide
BRBS, MRBS, SRBS	EN 1.0038 Equiv.	Electroless Nickel Plating
BRBC, MRBC, SRBC	EN 1.4301 Equiv.	-

Part Number	Type	M	MxPitch	L	D1	H	T	P	K	W	P1	F	d1	Unit Price								
														BRBR	MRBR	SRBR	BRBS	MRBS	SRBS	BRBC	MRBC	SRBC
Round Flange	BRBR, MRBR, SRBR	6	6x1.0	12	12	28	4	20	22	12	20		3.5									
		8	8x1.25	14	15	32		25	25	15	25											
		10	10x1.5	18	20	38	5	30	30	20	30											
Square Flange	BRBS, MRBS, SRBS	10A	10x1.25	18	20	38		30	30	20	30		4.5									
		12	12x1.75	20	22	40		32	32	25	28	16										
		14A	14x1.5	22	26	50	6	40	39	32	33	22	5.5									
Compact Flange	BRBC, MRBC, SRBC	16	16x2.0	26	28	50		40	39	32	33	22	5.5									
		18A	18x1.5	30	32	63	8	50	48	40	42	25	6.6									
		20	20x2.5	32	35																	

Thread pitches 10A, 14A and 18A are fine.

Ordering Example

Part Number
SRBR10

Alterations

Part Number - (MC)
SRBR16 - MC

Example

Additional Tapped Holes for Set Screws

Alteration

Code MC

M	MC	g
6		9
8	M3	10
10		13
10A		14
12	M4	15
14A		16
16		16
18A	M5	20
20		20

Spec.

Adds 2 tapped holes for set screws.

Ordering Code MC