




# ESI (SMC.PRIVATE) LTD.

SERVING TO OIL & GAS SECTORS

<b>Engineering Solutions International</b> Jinnah Avenue, Blues Area, Islamabad 44000- PAKISTAN  T +92 51 2342447  F +92 51 2342448	<b>REQUEST FOR QUOTATION</b>	 <b>ESI (SMC.PRIVATE) LTD.</b> SERVING TO OIL & GAS SECTORS	
		RFQ Issue Date :	26-11-2018
	Quotation Due Date	30-11-2018	
	No. of Pages :	5	

Sr No.	Material Code	Quantity	Unit Item	Description
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**STUD BOLTS AND NUTS  
HEXAGONAL HEAD BOLTS WITH NUTS**

FULL THREADED TO UNC 2B  
MAT'L : ASTM 193 GR.B7 BOLTS  
AND ASTM A 194 GR.2H NUTS  
HEAT TREATED, MIN- TENSILE

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SIZE TPI LENGTH  
(IN) (IN)

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"

00001	10200000820	50	ST	" 1/2 13 2
"				
00002	10200000821	20	ST	" 1/2 13 3
"				
00003	10200000823	20	ST	" 5/8 11 3
"				
00004	10200000824	30	ST	" 5/8 11 4
"				

**FULL THREADED TO UNC 2B  
MAT'L (SS 316) ASTM A 193  
GR.B8M BOLTS AND ASTM A 194  
GR 8M NUTS  
DIMENSIONS ACC TO ANSI B18.2.2  
CUSTOM TARIFF NO. 7318.1500**

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SIZE TPI LENGTH  
(IN) (IN)

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"

00005	10200000828	20	ST	" 5/16 18 1-1/2
"				
00006	10200000832	10	ST	" 3/8 16 3
"				
00007	10200000834	20	ST	" 1/2 13 4
"				
"				



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SERVING TO OIL & GAS SECTORS

**METRIC (UNI) THREADS**  
**MAT'L (SS 316) ASTM A 193**  
**GR B8M BOLTS & ASTM A 194**  
**GR 8M NUTS**

AS PER UNI 40140  
ISO R68 AND R261  
COARSE PITCH  
TOLERANCE FOR NUT 6M  
ISO STD R-965  
FOR BOLT 6G ISO STD R-965  
NOM SIZE LENGTH  
DIAXPITCH  
(MM) (MM)

"					
00008	10200000848	20	ST	" 8 X 1.25	50
"					
00009	10200000849	20	ST	" 8 X 1.25	100
"					
00010	10200000850	20	ST	" 10 X 1.5	50
"					
00011	10200000853	80	ST	" 12 X 1.75	100

"

**MAT'L ASTM A193 GR B8MA &**  
**ASTM A194 GR 8MA NUTS**  
**SOL TREATED FULL LENGTH THRDS**  
**CUSTOM TARIFF NO. 7318.1500**

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SIZE TPI LENGTH  
(IN) (IN)

00012	10200000861	30	ST	" 3/8	16	3
"						
00013	10200000865	100	ST	" 3/4	10	2
"						

"

**HEAVY HEXAGONAL NUTS (CS)**

"

"

ACC TO ANSI B18.2.2  
MAT'L ASTM A-194 GR 2H  
THREADS UNC CLASS 2B  
CUSTOM TARIFF NO. 7318.1500

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SIZE TPI  
(IN)

00014	10200000872	10	EA	" 1	8
"					
00015	10200000874	10	EA	" 1-1/4	7
"					



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**STUD BOLTS WITH TWO NUTS B-7  
ACC TO ASTM A-193 B7-A 194- 2H  
AS PER ANSI B-16 5 & B-1,1**

"  
"

STUDS WITH CL 2A THREADS  
NUTS WITH CL 2B THREADS  
UNC THREADS  
CUSTOM TARIFF NO. 7318.1500

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SIZE TPI LENGTH  
(IN) (MM)

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"

00016	10200000904	30	ST	" 3/8 16 75
00017	10200000905	100	ST	" 1/2 13 75
00018	10200000906	100	ST	" 1/2 13 115

"

"

**STUDS WITH CL 2A THREADS  
NUTS WITH CL 2B THREADS  
UNC THREADS  
CUSTOM TARIFF NO. 7318.1500**

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SIZE TPI LENGTH  
(IN) (MM)

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"

00019	10100010004	100	ST	" 5/8 11 75
00020	10200000907	300	ST	" 5/8 11 90
00021	10200000908	50	ST	" 5/8 11 120
00022	10200000909	16	ST	" 5/8 11 170

"

**STUDS WITH CL 2A THREADS  
NUTS WITH CL 2B THREADS  
UNC THREADS  
CUSTOM TARIFF NO. 7318.1500**

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SIZE TPI LENGTH  
(IN) (MM)

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"

00023	10200000910	50	ST	" 3/4 10 95
00024	10200000913	20	ST	" 3/4 10 150
00025	10200000914	30	ST	" 3/4 10 170

"

"



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**STUDS WITH CL 2A THREADS  
NUTS WITH CL 2B THREADS  
UNC THREADS  
CUSTOM TARIFF NO. 7318.1500**

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SIZE TPI LENGTH  
(IN) (MM)

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"

00026              10200000915                              20                      ST                      " 7/8 9 160

"

00027              10200000995                              20                      ST                      " 7/8 9 125

"

"

**STUDS WITH CL 2A THREADS  
NUTS WITH CL 2B THREADS  
UNC THREADS  
CUSTOM TARIFF NO. 7318.1500**

\*

SIZE TPI LENGTH  
(IN) (MM)

-----

"

00026              10200000915                              20                      ST                      " 7/8 9 160

"

00027              10200000995                              20                      ST                      " 7/8 9 125

"

"

**STUDS WITH CL 2A THREADS  
NUTS WITH CL 2B THREADS  
UNC THREADS**

SIZE TPI LENGTH  
(IN) (MM)

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"

00028              10200000918                              20                      ST                      " 1 8 170

"

**STUD BOLTS WITH 2 NUTS B-8  
ACC TO ASTM A 193 GR B-8  
NUTS TO A 194 GR 8C**

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"

EIGHT-PITCH THREAD  
AS PER AMERICAN 8UN THREADS

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SIZE LENGTH  
(IN) (MM)

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"

00029              10200000224                              3                      ST                      " 1-7/8 285

"



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**STUD BOLTS WITH 2 NUTS  
AS PER ENI 0368.00 STD.  
ACC TO ASTM A-193 GRADE B.16  
AND ASTM A-194 GRADE 3**

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STUDS WITH CL 2A THREADS  
NUTS WITH CL 2B THREADS UNC  
CUSTOM TARIFF NO. 7318.1500

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SIZE TPI LENGTH  
(IN) (MM)

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"

00030	10200000948	3	ST	" 5/8	11	100
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