

# ATOM FASTENERS LTD

PHONE (09) 272 8664 FAX (09) 272 8694

## THREADED RODS FULLY THREADED

## PAGE



### METRIC COARSE

DIN 975 STEEL CI 4.6	Self Colour	FTR 1
DIN 975 STEEL CI 4.6	Zinc Plated	FTR 1
DIN 975 STEEL CI 4.6	Hot Dipped Galvanised	FTR 1
DIN 975 STEEL CI 8.8	Black	FTR 1
DIN 975 STEEL CI 8.8	Zinc Plated	FTR 1
DIN 975 STEEL CI 8.8	Hot Dipped Galvanised	FTR 1
DIN 975 STEEL CI 10.9	Black	FTR 1
DIN 975 STEEL CI 12.9	Black	FTR 1
HIGH TENSILE ASTM A193 B7	Self Colour	FTR 4
DIN 975 ALUMINIUM		FTR 1
DIN 975 BRASS		FTR 1
DIN 975 STAINLESS STEEL A2		FTR 1
DIN 975 STAINLESS STEEL A4		FTR 1
DIN 975 PLASTIC (NYLON)		FTR 1
DIN 976 STEEL CI 4.6	Zinc Plated Y/Passivated	FTR 3

### METRIC FINE

DIN 975 STEEL CI 4.6	Zinc Plated	FTR 1
DIN 975 STEEL CI 8.8	Zinc Plated	FTR 1
DIN 975 STEEL CI 8.8	Zinc Plated Y/Passivated	FTR 1
DIN 975 STAINLESS STEEL A4	To Order	

### LEFTHAND (Coarse)

DIN 975 STEEL CI 4.6	Zinc Plated	FTR 1
DIN 975 STEEL CI 8.8	Zinc Plated	FTR 1
DIN 975 STAINLESS STEEL A2		FTR 1

### IMPERIAL BSW

MILD STEEL	Zinc Plated	FTR 2
BRASS		FTR 2

### IMPERIAL UNC

HIGH TENSILE G5	Zinc Plated Y/Passivated	FTR 2
ASTM A193 B7 HIGH TENSLE (UN8 1" and over)	Zinc Plated Y/Passivated	FTR 5
STAINLESS STEEL G316	To Order	

### IMPERIAL UNF

HIGH TENSILE G5	Zinc Plated Y/Passivated	FTR 2
ASTM A193 B7 HIGH TENSLE	To Order	

## THREADED STUDS



### DOUBLE END (Engine)

DIN 939 STEEL CI 5.6 1.25d	To Order	
DIN 939 STEEL CI 8.8 1.25d	Self Colour	FTR 3
DIN 939 STAINLESS STEEL A2 1.25d		FTR 3
DIN 939 STAINLESS STEEL A4 1.25d	To Order	

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**PETROCHEMICAL**

**PAGE**



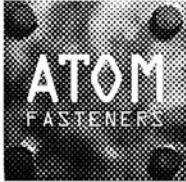
**STUD BOLTS and NUTS**

ASTM A193 B7 / A194 2H METRIC  
ASTM A193 B7 / A194 2H IMPERIAL  
ASTM A193 B7 / A194 2H IMPERIAL  
Other Grades combinations to order

Self Colour  
Self Colour  
Zinc Plated Y/Passivated

FTR 4  
FTR 5  
FTR 5

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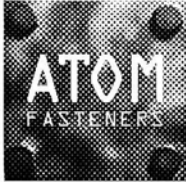
# ATOM FASTENERS LTD

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## FULLY THREADED ROD METRIC DIN 975

DIAMETER	COARSE	1 <sup>ST</sup> FINE	2 <sup>ND</sup> FINE	MILD STEEL								HIGH TENSILE								LEFT HAND									
				4.6 x 1000 BLK	4.6 x 1000 ZP	4.6 x 1000 HDG	4.6 x 2000 BLK	4.6 x 2000 ZP	4.6 x 2000 HDG	4.6 x 3000 ZP	4.6 x 3000 HDG	8.8 x 1000 BLK	8.8 x 1000 ZP/YZ	8.8 x 1000 HDG	8.8 x 2000 ZP/BLK	8.8 x 2000 HDG	8.8 x 3000 HDG	10.9 X 1000	12.9 x 1000	ST/STEEL A2	ST/STEEL A4	ALUMINIUM	BRASS	4.6 X 200	4.6 X 1000	8.8 x 200	8.8 x 1000	ST/STEEL A2	
				M 2	0.4			✓															✓	✓			✓	✓	
M3	0.5			✓															✓	✓			✓	✓					
M4	0.7			✓															✓	✓			✓	✓					
M5	0.8			✓															✓	✓			✓	✓					
M6	1.00			✓															✓	✓			✓	✓					
M7	1.00			✓															✓	✓			✓	✓					
M8	1.25			✓		✓													✓	✓			✓	✓					
	1.00			✓															✓	✓			✓	✓					
M10	1.50			✓		✓		✓	✓										✓	✓			✓	✓					
	1.25			✓															✓	✓			✓	✓					
M12	1.75			✓		✓		✓	✓	✓									✓	✓			✓	✓					
	1.50			✓															✓	✓			✓	✓					
M14	2.00			✓		✓		✓	✓										✓	✓			✓	✓					
	1.50			✓															✓	✓			✓	✓					
M16	2.00			✓		✓		✓	✓	✓									✓	✓			✓	✓					
	1.50			✓															✓	✓			✓	✓					
M18	2.50			✓		✓		✓	✓										✓	✓			✓	✓					
	1.50			✓															✓	✓			✓	✓					
M20	2.50			✓		✓		✓	✓	✓									✓	✓			✓	✓					
	1.50			✓															✓	✓			✓	✓					
M22	2.50			✓		✓		✓	✓										✓	✓			✓	✓					
	1.50			✓															✓	✓			✓	✓					
M24	3.00			✓		✓		✓	✓	✓									✓	✓			✓	✓					
	2.00			✓															✓	✓			✓	✓					
M27	3.00			✓		✓		✓											✓	✓			✓	✓					
	2.00			✓															✓	✓			✓	✓					
M30	3.50			✓		✓		✓											✓	✓			✓	✓					
	2.00			✓															✓	✓			✓	✓					
M33	3.50			✓															✓	✓			✓	✓					
	1.50			✓															✓	✓			✓	✓					
M36	4.00			✓		✓		✓											✓	✓			✓	✓					
M39	4.00			✓		✓		✓											✓	✓			✓	✓					
M42	4.50			✓		✓		✓											✓	✓			✓	✓					
M45	4.50			✓		✓		✓											✓	✓			✓	✓					
M48	5.00			✓		✓		✓											✓	✓			✓	✓					
M52	5.00			✓															✓	✓			✓	✓					
M56	5.50			✓															✓	✓			✓	✓					
M60	5.50			✓															✓	✓			✓	✓					
M64	6.00			✓															✓	✓			✓	✓					

FINISHES: BLACK, ZINC PLATED, YELLOW ZINC PLATED, HOT DIPPED GALVANISED CHECK WITH SALES

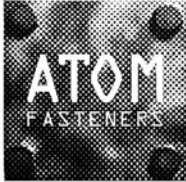


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## FULLY THREADED ROD IMPERIAL

		HIGH TENSILE				MILD STEEL			
		Gr.5 x 24"	Gr.5 x 36"	B7 x 36"	B7 x 72"		STEEL ZP x 24"	BRASS x 24"	STAINLESS STEEL X 36"
1/8"									
5/32"									
3/16"						24-BSW	✓		
1/4"	20-UNC	✓	✓			20-BSW	✓		
	28-UNF	✓		✓					
5/16"	18-UNC	✓	✓			18-BSW	✓		
	24-UNF	✓		✓					
3/8"	16-UNC	✓	✓			16-BSW	✓		
	24-UNF	✓		✓					
7/16"	14-UNC	✓	✓			14-BSW	✓		
	20-UNF	✓							
1/2"	12-BSW		✓			12-BSW	✓	✓	✓
	13-UNC	✓	✓		✓				
	20-UNF	✓		✓					
9/16"	12-UNC	✓	✓						
	18-UNF			✓					
5/8"	11-UNC	✓	✓		✓	11-BSW	✓	✓	✓
	18-UNF	✓		✓					
3/4"	10-UNC	✓	✓		✓	10-BSW	✓	✓	
	16-UNF	✓		✓					
7/8"	9-UNC	✓	✓		✓	9-BSW	✓		
	14-UNF	✓							
1"	8-UNC/UN8	✓	✓		✓	8-BSW	✓	✓	
	12-UNF	✓							
	14-UNS/SAE	✓							
1.1/8"	7-UNC					8-UNC	✓		
	8-UN8	✓	✓		✓				
	12-UNF	✓							
1.1/4"	7-UNC	✓							
	8-UN8	✓	✓		✓				
	12-UNF	✓							
1.3/8"	8-UN8								
1.1/2"	6-UNC	✓			✓				
	8-UN8	✓	✓						
	12-UNF	✓							
1.3/4"	8-UN8				✓				
2"	4.1/2 UNC								
	8-UN8	✓	✓		✓				
	12-UNF								
2.1/4"									
2.1/2"									
3"									



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## THREADED STUDS

DIN 939 STEEL CI 8.8 1.25d



	M6		M8		M10		M12		M14		M16	
		O/A		O/A		O/A		O/A		O/A		O/A
20			✓	30								
25			✓	35	✓	37	✓	40				
30	✓	37	✓	40	✓	42			✓	48		
35					✓	47	✓	57				
40			✓	50	✓	52	✓	55			✓	60
50			✓	60	✓	62	✓	65	✓	68	✓	70
55	✓	62										
60									✓	73	✓	80
65							✓	80				
70											✓	90
80											✓	100

## THREADED STUDS

DIN 939 STAINLESS STEEL A2 1.25d



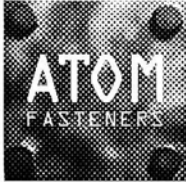
	M6		M8		M10		M12		M14		M16	
		O/A		O/A		O/A		O/A		O/A		O/A
20												
25												
30					✓	42						
35												
40			✓	50	✓	52	✓	55			✓	60
50											✓	70
65											✓	85
70					✓	82					✓	90

## FULLY THREADED STUDS

MILD STEEL DIN 976A  
ZINC YELLOW



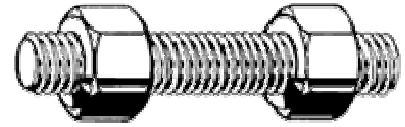
	M3	M4	M5	M6	M8	M10
12		✓				
16						
20	✓	✓	✓	✓		
25						
30	✓	✓	✓	✓	✓	✓
35						
40	✓	✓	✓	✓	✓	✓
50	✓	✓	✓	✓	✓	✓
70						✓
100				✓		



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## B7 STUD BOLTS with 2 2H nuts STUD:A193M 2H NUT:A194M

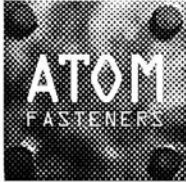


LEN/DIA	M12	M16	M18	M20	M22	M24	M30	M33
Pitch	1.75	2.0	2.0	2.5	2.5	3.0	3.50	3.5
65	B							
75		B						
85		B						
90				B				
95								
100		B		B				
110				B				
115				B				
120				B	B			
125		B				B		
130								
135				B				
140				B	B			
145								
150				B		B		
155								
160						B		
165						B	B	
170								
175								
180							B	
185								
190								
195								
200		B					B	
205								
210								
215								B
220								
225								
230								B

EX STOCK: B = BLACK Z = CLEAR ZINC PLATED Y = ZINC YELLOW 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)

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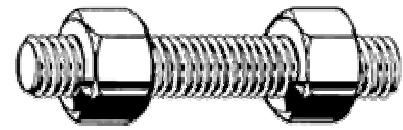
**STUD BOLTS & NUTS**  
IMPERIAL B7 C/W 2H NUTS  
Other sizes are Indented to Order



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## B7 STUD BOLTS with 2 2H nuts STUD:A193 2H NUT:A194



LEN/DIA	1/2"	5/8"	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.1/2"	2"
T.P.I	13	11	10	9	8	8	8	8	8
65		Y							
75									
80		BY							
85									
90	B	BY	BY						
95									
100		B	B	B					
110		BY	BY						
115		Y		BY					
120			Y						
125		B	Y	Y					
130			B						
135		Y							
140			BY	Y					
145									
150		B	B						
155									
160		B	B			B			
165				BY					
170									
175									
180									
185									
190									
195									
200		B	Y						
205									
210									
215									
220									
225									
230									
270				B					

EX STOCK: B = BLACK Z = CLEAR ZINC PLATED Y = ZINC YELLOW 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)  
NOTE 8 TPI OVER 1" REFER TO AS UN8

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**STUD BOLTS & NUTS**  
METRIC B7 C/W 2H NUTS  
Other sizes are Indented to Order