



ATOM FASTENERS LTD

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

IN HEX PRODUCTS

HEXAGON SOCKET HEAD CAP SCREWS

PAGE

METRIC COARSE



DIN 912 STEEL CI 8.8	Self Colour	Sockets 1
DIN 912 STEEL CI 8.8	Zinc Plated	Sockets 1
DIN 912 STEEL CI 8.8	Zinc Plated Y/Passivated	Sockets 1
DIN 912 STEEL CI 10.9	To Order	
DIN 912 STEEL CI 12.9	Self Colour	Sockets 2
DIN 912 STEEL CI 12.9	Zinc Plated	Sockets 2
DIN 912 STAINLESS STEEL A2 CI 70		Sockets 2
DIN 912 STAINLESS STEEL A4 CI 70		Sockets 2
DIN 912 STAINLESS STEEL A4 CI 80	To Order	

METRIC COARSE (Fully Threaded)



DIN 912 STEEL CI 8.8	To Order	
DIN 912 STEEL CI 12.9	Self Colour	Sockets 5

METRIC FINE



DIN 912 STEEL CI 12.9	Self Colour	Sockets 6
DIN 912 STAINLESS STEEL A4 CI 70		Sockets 6

IMPERIAL BSW

BS 2470 STEEL CI 12.9	Self Colour	Sockets 7
BS 2470 STAINLESS STEEL A2		Sockets 7

IMPERIAL BSF

BS 2470 STEEL CI 12.9	Self Colour	Sockets 32
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IMPERIAL UNC (1960)

B18.3 STEEL CI 12.9	Self Colour	Sockets 8
B18.3 STAINLESS STEEL 304		Sockets 8
B18.3 STAINLESS STEEL 316		Sockets 8

IMPERIAL UNF (1960)

B18.3 STEEL CI 12.9	Self Colour	Sockets 8
B18.3 STAINLESS STEEL 304		Sockets 8
B18.3 STAINLESS STEEL 316		Sockets 8

IMPERIAL UNIFIED

B18.3 STEEL CI 12.9	Self Colour	Sockets 10
B18.3 STAINLESS STEEL 304		Sockets 10
B18.3 STAINLESS STEEL 316		Sockets 10

HEXAGON SOCKET LOW HEAD CAP SCREWS



METRIC COARSE

DIN 7984 STEEL CI 8.8	To Order	
DIN 7984 STEEL CI 10.9	Self Colour	Sockets 11
DIN 7984 STAINLESS STEEL A2 CI 70		Sockets 11
DIN 7984 STAINLESS STEEL A4 CI 70		Sockets 11

CONTINUED

HEXAGON SOCKET COUNTERSUNK HEAD SCREWS



METRIC COARSE

DIN 7991 STEEL CI 8.8
 DIN 7991 STEEL CI 10.9
 DIN 7991 STEEL CI 10.9
 DIN 7991 STAINLESS STEEL A2 CI 70
 DIN 7991 STAINLESS STEEL A4 CI 70

To Order
 Self Colour
 Zinc Plated

PAGE

Sockets 13
 Sockets 13
 Sockets 13
 Sockets 13
 Sockets 13

IMPERIAL BSW

BS 2470 STEEL CI 10.9
 BS 2470 STAINLESS STEEL 304
 BS 2470 STAINLESS STEEL 316

Self Colour

Sockets 17
 Sockets 17
 Sockets 17

IMPERIAL BSF

BS 2470 STEEL CI 10.9

Self Colour

Sockets 33

IMPERIAL UNC

B18.3 STEEL CI 10.9
 B18.3 STAINLESS STEEL 304
 B18.3 STAINLESS STEEL 316

Self Colour

Sockets 17
 Sockets 17
 Sockets 17

IMPERIAL UNF

B18.3 STEEL CI 10.9
 B18.3 STAINLESS STEEL 304
 B18.3 STAINLESS STEEL 316

Self Colour

Sockets 17
 Sockets 17
 Sockets 17

IMPERIAL UNIFIED

B18.3 STEEL CI 10.9
 B18.3 STAINLESS STEEL 304
 B18.3 STAINLESS STEEL 316

Self Colour

Sockets 17
 Sockets 17
 Sockets 17

HEXAGON SOCKET BUTTON HEAD SCREWS



METRIC COARSE

ISO 7380 STEEL CI 10.9
 ISO 7380 STEEL CI 10.9
 ISO 7380 STAINLESS STEEL A2
 ISO 7380 STAINLESS STEEL A4

Self Colour
 Zinc Plated

Sockets 18
 Sockets 18
 Sockets 18
 Sockets 18

IMPERIAL BSW

BS 2470 STEEL CI 10.9

Self Colour

Sockets 20

IMPERIAL BSF

BS 2470 STEEL CI 10.9

Self Colour

Sockets 20

IMPERIAL UNC

B18.3 STEEL CI 10.9
 B18.3 STAINLESS STEEL 304
 B18.3 STAINLESS STEEL 316

Self Colour

Sockets 20
 Sockets 20
 Sockets 20

IMPERIAL UNF

B18.3 STEEL CI 10.9
 B18.3 STAINLESS STEEL 304
 B18.3 STAINLESS STEEL 316

Self Colour

Sockets 20
 Sockets 20
 Sockets 20

IMPERIAL UNIFIED

B18.3 STEEL CI 10.9
 B18.3 STAINLESS STEEL 304
 B18.3 STAINLESS STEEL 316

Self Colour

Sockets 21
 Sockets 21
 Sockets 21

CONTINUED

HEXAGON SOCKET CAP SCREWS WITH FLANGE

PAGE



METRIC COARSE (Self Locking)

RIPP STEEL CI 100 (10.9)

To Order

HEXAGON SOCKET HEAD SHOULDER SCREWS



METRIC COARSE

ISO 7379 STEEL CI 12.9
ISO 7379 STAINLESS STEEL A2

Self Colour

Sockets 27
Sockets 27

IMPERIAL BSW

BS 2470 STEEL CI 12.9

Self Colour

Sockets 29

IMPERIAL BSF

BS 2470 STEEL CI 12.9

Self Colour

Sockets 29

IMPERIAL UNC

B18.3 STEEL CI 12.9
B18.3 STAINLESS STEEL 304

Self Colour

Sockets 28
Sockets 28

IMPERIAL UNF

B18.3 STEEL CI 12.9

Self Colour

Sockets 28

HEXAGON SOCKET SET SCREWS



METRIC COARSE (Cup Point)

DIN 916 STEEL CI 45H
DIN 916 STEEL CI 45H
DIN 916 STEEL CI 45H
DIN 916 STAINLESS STEEL A2
DIN 916 STAINLESS STEEL A4

Self Colour
Zinc Plated
Zinc Plated Y/passivated

Sockets 23
Sockets 23
Sockets 23
Sockets 23
Sockets 23

METRIC FINE (Cup Point)

DIN 916 STEEL CI 45H

Self Colour

Sockets 23

METRIC COARSE (Knurled Cup Point)

DIN 916 STEEL CI 45H

Self Colour

Sockets 24

METRIC COARSE (Flat Point)

DIN 916 STEEL CI 45H
DIN 916 STAINLESS STEEL A2
DIN 916 STAINLESS STEEL A4

Self Colour

Sockets 22
Sockets 22
Sockets 22

METRIC FINE (Flat Point)

DIN 913 STEEL CI 45H

To Order

METRIC COARSE (Cone Point)

DIN 914 STEEL CI 45H
DIN 914 STAINLESS STEEL A2
DIN 914 STAINLESS STEEL A4

Self Colour

Sockets 22
Sockets 22
Sockets 22

METRIC COARSE (Dog Point)

DIN 915 STEEL CI 45H
DIN 915 STAINLESS STEEL A2
DIN 915 STAINLESS STEEL A4

Self Colour
To Order
To Order

Sockets 22

CONTINUED

HEXAGON SOCKET SET SCREWS

PAGE



METRIC COARSE (Nylon Dog Point)

DIN Thd. STEEL CI 45H

To Order

IMPERIAL BSW (Cup Point)

BS 2470 STEEL CI 45H
BS 2470 STAINLESS STEEL 304
BS 2470 STAINLESS STEEL 316

Self Colour

Sockets 22
Sockets 22
Sockets 22

IMPERIAL BSF (Cup Point)

BS 2470 STEEL CI 45H

Self Colour

Sockets 22

IMPERIAL UNC (Cup Point)

B18.3 STEEL CI 45H

Self Colour

Sockets 22

IMPERIAL UNF (Cup Point)

B18.3 STEEL CI 45H

Self Colour

Sockets 22

IMPERIAL UNC (Knurled Point)

B18.3 STEEL CI 45H

Self Colour

Sockets 25

IMPERIAL UNF (Knurled Point)

B18.3 STEEL CI 45H

Self Colour

Sockets 25

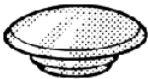
IMPERIAL UNFIED SERIES

B18.3 STEEL CI 45H

Self Colour

Sockets 26

HEXAGON SOCKET SCREW COVER



PLASTIC COVER

To suit In-hex socket product Metric

Grey

Sockets 31

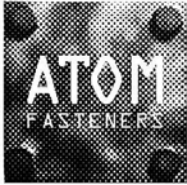
HEXAGON ALLEN KEY



ALLEN KEY

To suit In-hex socket product Metric

Sockets 31



SOCKET HEAD CAP SCREWS

ISO 4762 DIN 912 STEEL CI. 8.8

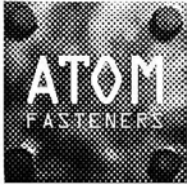


LEN/DIA	M3	M4	M5	M6	M8	M10	M12	M14	M16
Pitch	0.5	0.7	0.8	1.0	1.25	1.5	1.75	2.0	2.0
Hd. Dia.	5.5	7.0	8.5	10	13	16	18	21	24
Hd. Hgt.	3.0	4.0	5.0	6.0	8.0	10.0	12.0	14.0	16.0
A/Key	2.5	3	4	5	6	8	10	12	14
6									
8									
10									
12			Z		Z				
16		Z	Z	Z	Z				
20				Z	B Z				
25				Z	Z	Z			
30				Z	Z	Z			
35					B				B
40				Z	B Z	Z	Z		
45									
50				Z		B	Z		B
55					Z				
60							Z		B
65									
70							B		B
75									
80									B
90									
95									
100									

LEN/DIA	M18	M20	M22	M24	M27	M30	M33	M36	M42
Pitch	2.5	2.5	2.5	3.0	3.0	3.5	3.5	4.0	4.5
Hd Dia.	27	30	33	36	40	45	50	54	63
Hd. Hgt.	18	20	22	24	27	30	33	36	42
A/Key	14	17	17	19	19	22	24	27	32
30		B							
35									
40		B							
45									
50		B							
55									
60		B							
65									
70									
75		B							
80									
90									
95									
100		B							

**OTHER DIAMETERS AND LENGTHS up to 200 lg
INDENTED TO ORDER**

EX STOCK B= BLACK STEEL CI.8.8 Z= CLEAR ZINC PLATE STEEL CI.8.8 CI10.9 to Order

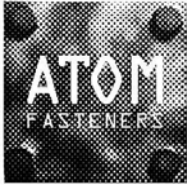


SOCKET HEAD CAP SCREWS ISO 4762

DIN 912 STEEL CI.12.9 STAINLESS A2-70 A4-70

LEN/DIA	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M7
Pitch	0.35	0.4	0.45	0.5	0.6	0.7	0.8	1.0	1.0
Hd Dia.	3.0	3.8	4.5	5.5	6.0	7.0	8.5	10	11
Hd. Hgt.	1.6	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0
A/Key	1.5	1.5	2.0	2.5	2.5	3	4	5	5
3	B 4	B 4	B						
4	B 4	B 4	B 4	B 4					
5	B 4	B 4	B 4	B 4					
6	B 4	B 4	B 4	B 4	B	B	B 4 6		
8	B 4	B 4	B 4	B 4	B	B Z 4	B 4 6	B 4	
10	B 4	B 4	B 4	B 4	B	B Z 4 6	B Z 4 6	B Z 4 6	
12	4	B 4	B 4	B 4	B	B Z 4 6	B Z 4 6	B Z 4 6	
16		B 4	B 4	B 4 6	B	B Z 4 6	B Z 4 6	B Z 4 6	B
18						B			
20		B 4	B 4	B 4	B	B Z 4 6	B Z 4 6	B Z 4 6	B
22						B			
25		B 4	B	B 4		B Z 4	B Z 4 6	B Z 4 6	B
30		B 4		B 4		B Z 4	B Z 4 6	B Z 4 6	B
35				B 4		B 4	B 4 6	B 4 6	
40				B 4		B 4	B Z 4 6	B Z 4 6	B
45				B 4		B 4	B 4 6	B 4 6	
50				B 4		B 4	B Z 4 6	B Z 4 6	
55						B	B	B 6	
60				B 4		B 4	B 4	B 4 6	
65						B	B	B Z 4 6	
70				B 4		B 4	B 4	B 4 6	
75						B	B	B 4 6	
80				B 4		B 4	B 4	B 4 6	
85						B	B	B	
90				B 4		B 4	B 4 6	B 4 6	
95								B	
100				B 4		B 4	B 4	B 4 6	
110						B 4	B 4	B 4	
115							B		
120						B 4	B 4	B 4	
130						B 4	B 4	B 4	
140						B 4	B 4	B 4	
150						B 4	B 4	B 4	
160							B	B	
170							B	B	
180							B	B	
190							B	B	
200							B	B	
220							B	B	
240							B	B	
250								B	

B= BLACK STEEL CI.12.9 Z= ZINC STEEL 12.9 4 = STAINLESS STEEL A2-70(304) 6 = STAINLESS STEEL A4-70(316)

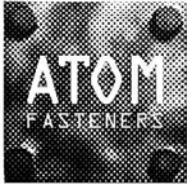


SOCKET HEAD CAP SCREWS ISO 4762

DIN 912 STEEL CI.12.9 STAINLESS A2-70 A4-70

LEN/DIA	M8	M10	M12	M14	M16	M18	M20	M22	M24
Pitch	1.25	1.5	1.75	2.0	2.0	2.5	2.5	2.5	3.0
Hd Dia.	13	18	21	24	27	30	33	36	36
Hd. Hgt.	8	10	12	14	16	18	20	22	24
A/Key	6	8	10	12	14	14	17	17	19
10	B 4 6	B							
12	B 4 6	B 4 6	B						
16	B 4 6	B 4 6	B						
20	B Z 4 6	B Y 4 6	B 4 6	B	B				
25	B Z 4 6	B Z 4 6	B Z 4 6	B	B Z				
30	B Z 4 6	B Z 4 6	B 4 6	B 6	B Z 4 6	B	B		
35	B Y 4 6	B Y Z 4 6	B Z 4 6	B 6	B 4 6	B	B	B	
40	B Y 4 6	B Z 4 6	B Z 4 6	B 6	B 4 6	B	B	B	B 4
45	B Y 4 6	B 4 6	B Z 4 6	B 6	B 4 6	B	B	B	B
50	B Y 4 6	B Z 4 6	B Z 4 6	B 6	B Z 4 6	B 4 6	B	B	B 4
55	B Y 4 6	B 4	B 4	B 6	B	B	B	B	B
60	B Y 4 6	B Z 4 6	B Z 4 6	B 6	B Z 4 6	B 6	B 6	B	B 4
65	B Y 4 6	B 4 6	B 4 6	B 6	B	B	B	B	B
70	B 4 6	B Z 4 6	B Z 4 6	B 6	B 4 6	B 6	B 6	B	B 6
75	B Z 4	B	B Z	B 6	B	B	B	B	B
80	B 4 6	B Z 4 6	B 4 6	B 6	B 4 6	B 6	B 6	B	B 6
85	B		B		B		B	B	B
90	B Z 4 6	B 4 6	B 4 6	B 6	B 4 6	B 6	B 6	B	B 6
95	B		B		B				B
100	B 4 6	B 4 6	B 4 6	B 6	B 4 6	B 6	B 6	B	B 6
110	B	B	B 4 6	B	B 4 6	B	B 6	B	B
120	B 4 6	B 4 6	B 4 6	B	B 4 6	B 4	B 6	B	B 6
130	B 4 6	B 4 6	B 4 6	B	B 4 6	B	B 6	B	B 6
140	B 4 6	B 4 6	B 4 6	B	B 4 6	B 4	B 6	B	B
150	B 4 6	B 4 6	B 4 6	B	B 4 6	B	B 6	B	B 6
160	B 4	B 4	B 4	B	B 4	B 4	B	B	B
170	B	B	B	B	B	B	B	B	B
180	B 4	B 4	B 4	B	B 4	B 4	B	B	B
190	B	B	B	B	B	B	B	B	B
200	B 4	B 4	B 4	B	B 4	B 4	B	B	B
210	B	B	B	B	B	B	B	B	B
220	B	B	B	B	B	B	B	B	B
230	B	B	B	B	B	B	B	B	B
240	B	B	B	B	B	B	B	B	B
250		B	B	B	B	B	B	B	B
260	B	B	B	B	B	B	B	B	B
270					B		B		B
280	B	B	B	B	B	B	B		B
290		B	B	B	B		B		
300	B	B	B	B	B	B	B	B	B
310/320			-/B		B/B		-/B		B/B
330/340			-/B		B/B		-/B		B/B
350/360		B/-	B/-		B/B		-/B		-/B
380/400					B/B		/B		B/B
420/450					B/B				B/B

B= BLACK STEEL CI.12.9 Z= ZINC STEEL 12.9 4 = STAINLESS STEEL A2-70(304) 6 = STAINLESS STEEL A4-70(316)



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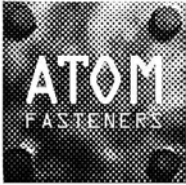


SOCKET HEAD CAP SCREWS ISO 4762 DIN 912 STEEL CI.12.9 STAINLESS A2-70 A4-70

LEN/DIA	M27	M30	M33	M36	M39	M42	M48	M56	M64
Pitch	3.0	3.5	3.5	4.0	4.0	4.5	5.0	5.5	6.0
Hd Dia.	40	45	50	54	58	63	72	84	96
Hd. Hgt.	27	300	33	36	39	42	48	56	64
A/Key	19	22	24	27	27	32	36	41	46
55		B							
60	B	B							
65		B							
70	B	B	B						
75		B							
80	B	B 4	B	B	B				
85									
90	B	B	B	B	B				
95									
100	B	B 4	B	B	B	B			
110	B	B							
120	B	B	B	B	B	B	B		
130	B	B							
140	B	B	B	B	B	B	B		
150	B	B							
160	B	B	B	B	B	B	B		
170	B	B							
180	B	B	B	B	B	B	B		
190	B	B							
200	B	B	B	B	B	B	B		
210									
220	B	B		B					
230	B								
240	B	B		B		B			
250	B					B			
260	B	B	B	B		B	B		
270									
280	B	B	B	B		B			
300	B	B		B	B	B	B		
310									
320	B	B							
330		B							
340									
350	B								
360		B		B		B			
370		B							
380		B							
390		B							
400	B	B		B					
420									
440									

B= BLACK STEEL CI.12.9 4 = STAINLESS STEEL A2-70(304) 6 = STAINLESS STEEL A4-70(316)

METRIC HEXAGON SOCKET SCREW STEEL KEYS UP TO 36mm EX STOCK



SOCKET HEAD CAP SCREWS

DIN 912 STEEL CI.10.9 STAINLESS A2-70

FULLY THREADED

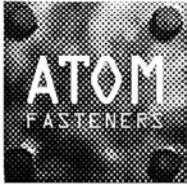


LEN/DIA	M3	M4	M5	M6	M8	M10	M12	M14	M16
Pitch	0.5	0.7	0.6	1.0	1.25	1.5	1.75	2.0	2.0
Hd. Dia.	5.5	7	8.5	10	13	16	21	24	27
Hd. Hgt.	3	4	5	6	8	10	12	14	16
A/Key	2.5	3	4	5	6	8	10	12	14
20									
25	B								
30		B	B						
35									
40		B	B	B 4	B				
45									
50		B	B	B 4	B	B			
55				B					
60				B 4	B 4	B	B		
70						B			
80				B	B	B 4	B 4		B 4
90									
100				B	B	B	B	B	B
110									B
120									
130									
140									
150									B

LEN/DIA	M18	M20	M22	M24	M27	M30	M33	M36
Pitch	2.5	2.5	2.5	3.0	3.0	3.5	3.5	4.0
Hd. Dia.	30	33	36	36	40	45	50	54
Hd. Hgt.	18	20	22	24	27	30	33	36
A/Key	14	17	17	19	19	22	24	27
60								
65								
70								
75								
80		B						
90								
100	B	B						
110								
120								
130								
140	NEW STOCK LENTGHS ARRIVING SOON							
150								
140								
150								

EX STOCK: B= BLACK STEEL 10.9 4 = STAILLESS STEEL A2-70 (304)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.



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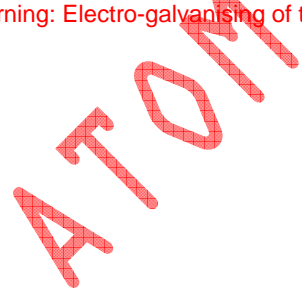
SOCKET HEAD CAP SCREWS METRIC FINE ISO 4762 DIN 912 STEEL CI.12.9 STAINLESS A4-70

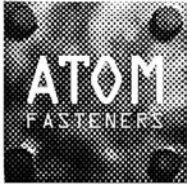


LEN/DIA	M8	M10		M12		M14	M16	M18	M20	M24	M30	M36
Pitch	1.0	1.25	1.5	1.25	1.5	1.5	1.5	1.5/2.0	1.5	1.5/2.0	2.0	3.0
Hd Dia.	13	18		21		24	27	30	33	36	45	54
Hd. Hgt.	8	10		12		14	16	18	20	24	30	36
A/Key	6	8		10		12	14	14	17	19	22	27
16	B	B	B									
20	B	B	B	B	B							
25	B 6	B 6	B 6	B	B		B					
30	B	B 6	B 6	B 6	B 4	B	B					
35	B	B 6	B	B	B	B	B					
40	B	B 6	B 6	B 6	B	B	B 6	B/-	B			
45	B	B 6	B	B	B	B	B	B/B	B			
50	B	B 6	B 6	B 6	B	B	B 6	B/B	B	B/B		
55			B	B	B		B		B			
60		B	B	B	B	B	B	B/-	B	-/B		
65			B	B	B		B			-/B		
70		B	B	B	B	B	B	B/-	B	-/B		
75			B	B	B	B	B		B			
80			B	B	B	B	B	B/-	B	B/B		
85												
90		B	B	B	B	B	B		B	-/B		
95												
100		B	B	B	B	B	B	B/-	B	-/B	B	B
110									B			
120						B	B	B/-	B	-/B	B	B
130									B			
140									B			
150									B			
160												B
200												B

EX STOCK: B= BLACK STEEL CI.12.9 6 = STAINLESS STEEL A4-70(316)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.





SOCKET HEAD CAP SCREWS BSW/BA

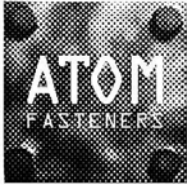
STEEL CI.12.9 STAINLESS STEEL G304



LEN/DIA	BSW THREADS					BA THREADS						
	1/4"	5/16"	3/8"	7/16"	1/2"	8BA	6BA	5BA	4BA	3BA	2BA	1BA
Hd. Dia.	0.375	0.437	0.562	0.625	0.750	0.140	0.187	0.218				
A/Key	3/16"	7/32"	5/16"	5/16"	3/8"	1/16"	5/64"	3/32"	3/32"	1/8"	5/32"	5/32"
T.P.I	20	18	16	14	12	0.43mm	0.53mm	0.59mm	0.65mm	0.73mm	0.81mm	0.9mm
1/8"												
3/16"												
1/4"							B		B		B	
5/16"												
3/8"							B		B		B	
7/16"												
1/2"							B		B		B	
5/8"												
3/4"					B		B		B		B	
7/8"		B										
1"	B	B	B		B 4		B		B		B	
1.1/8"												
1.1/4"	B	B	B		B 4							
1.1/2"	B	B	B		B 4							
1.3/4"		B										
2"	B	B	B		B 4							
2.1/4"					B 4							
2.1/2"					B 4						B	
2.3/4"												
3"					B 4							
3.1/2"					B 4							
4"					B 4							
4.1/2"					B 4							
5"					B 4							
5.1/2"					B							
6"					B 4							
7"												
8"												
3/4 X 2" BSW & 3/4 X 8"						OTHER DIAMETERS AND LENTGHS INDENTED TO ORDER						

EX STOCK: B= BLACK STEEL 4 = STAINLESS STEEL A2(G304)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement



ATOM FASTENERS LTD

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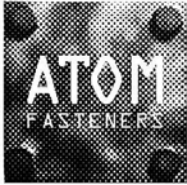
SOCKET HEAD CAP SCREWS UNC/UNF

STEEL CI.12.9 STAINLESS STEEL ASME B18.3

LEN/DIA	1/4"		5/16"		3/8"		7/16"		1/2"		9/16"		5/8"	
Hd. Dia. max	0.375		0.469		0.562		0.656		0.750		0.843		0.938	
Hd. Hgt. max	0.250		0.312		0.375		0.438		0.500		0.562		0.625	
A/Key	3/16"		1/4"		5/16"		3/8"		3/8"		7/16"		1/2"	
Thread	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF
T.P.I	20	28	18	24	16	24	14	20	13	20	12	18	11	18
1/4"	B													
5/16"	B													
3/8"	B	B												
7/16"														
1/2"	B 4	B	B	B	B	B			B					
5/8"	B 4	B	B	B	B									
3/4"	B 4	B 4	B Z 4	B 4	B	B 4	B	B 4	B	B			B	
7/8"	B								B	B				
1"	B 4	B 4	B Z 4 6	B 4	B 4 6	B 4	B	B 4	B	B			B	B
1.1/8"														
1.1/4"	B 4	B 4	B 4 6	B 4	B 4 6	B 4	B	B 4	B 4 6	B 4			B	B
1.1/2"	B 4	B 4	B 4 6	B 4	B 4 6	B 4	B 4	B 4	B 4 6	B 4	B	B	B	B 4
1.3/4"	B 4	B 4	B 4	B 4	B 4	B 4	B 4	B 4	B 4 6	B 4			B	B
2"	B 4	B 4	B 4	B 4	B 4 6	B 4	B 4	B 4	B 4 6	B 4	B	B	B 4 6	B 4
2.1/4"	B 4	B	B 4	B	B 4	B	B 4	B	B	B		B	B	B
2.1/2"	B 4	B 4	B 4	B 4	B 4 6	B 4	B 4	B	B 4 6	B 4	B	B	B	B 4
2.3/4"	B		B 4	B	B	B	B		B	B			B	B
3"	B 4	B 4	B 4	B 4	B 4	B 4	B 4	B	B 4 6	B 4	B	B	B	B 4
3.1/4"			B 4						B					
3.1/2"	B 4	B	B 4	B	B 4	B	B	B	B 4	B 4			B	B 4
3.3/4"					B				B					
4"	B 4	B	B 4	B	B 4	B	B 4	B	B 4	B 4	B	B	B	B 4
4.1/2"	B 4		B 4	B	B	B	B		B	B			B	B
5"	B 4	B	B 4	B	B 4	B	B	B	B 4	B			B	B
5.1/2"	B		B		B	B	B		B	B			B	
6"	B 4	B	B 4		B 4	B	B	B	B 4	B			B	B
6.1/2"	B		B		B	B			B				B	
7"	B		B		B	B	B		B				B	
7.1/2"													B	
8"	B				B		B		B				B	
9"					B				B				B	
10"					B				B				B	
11"									B				B	
12"									B				B	
13"													B	
14"									B				B	
15"									B				B	
16"													B	

EX STOCK: B= BLACK STEEL 10.9 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.



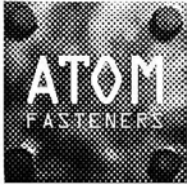
SOCKET HEAD CAP SCREWS UNC/UNF

STEEL CI.12.9 STAINLESS STEEL

LEN/DIA	3/4"		7/8"		1"			1.1/8"		1.1/4"		1.1/2"	
Hd. Dia. max	1.125		1.312		1.500			1.688		1.875		2.250	
Hd. Hgt. max	0.750		0.875		1.000			1.125		1.250		1.500	
A/Key	5/8"		3/4"		3/4"			7/8"		7/8"		1"	
Thread	UNC	UNF	UNC	UNF	UNC	UNF	UNS	UNC	UNF	UNC	UNF	UNC	UNF
T.P.I	10	16	9	14	8	12	14	7	12	7	12	6	12
3/4"	B												
1"	B												
1.1/4"	B	B											
1.1/2"	B	B	B										
1.3/4"	B	B	B										
2"	B 6	B	B	B	B	B	B	B	B	B			
2.1/4"	B	B	B		B								
2.1/2"	B	B	B	B	B			B		B			
2.3/4"	B	B			B								
3"	B	B	B	B	B	B	B	B		B			
3.1/4"	B												
3.1/2"	B	B	B	B	B			B		B			
3.3/4"													
4"	B	B	B	B	B	B	B	B		B		B	
4.1/2"	B	B	B		B								
5"	B	B	B	B	B			B		B		B	
5.1/2"	B	B	B		B								
6"	B	B	B	B	B			B		B		B	B
6.1/2"	B				B					B			
7"	B	B	B		B			B		B		B	
7.1/2"					B								
8"	B	B	B		B			B		B		B	
9"	B		B		B			B		B		B	
10"	B		B		B			B		B		B	
11"	B		B		B							B	
12"	B		B		B			B		B		B	
13"	B				B			B				B	
14"			B		B					B		B	
15"	B		B		B			B		B		B	
16"	B		B		B			B		B		B	
17"													
18"	B		B		B					B		B	
19"													
20"	B		B		B					B		B	

EX STOCK: B= BLACK STEEL CI.12.9 4 = STAINLESS STEEL G304 6 = STAINLESS STEEL G316

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.



SOCKET HEAD CAP SCREWS UNIFIED

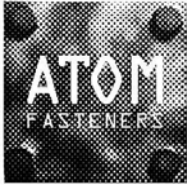
STEEL CI.12.9 and STAINLESS STEEL ASME B18.3

LEN/DIA	#0		#2		#3		#4		#5		#6		#8		#10	
Hd. Dia.	0.096		0.140		0.161		0.183		0.205		0.226		0.270		0.312	
Hd. Hgt.	0.060		0.086		0.099		0.112		0.125		0.138		0.164		0.190	
A/Key			5/64"		5/64"		3/32"		3/32"		7/64"		9/64"		5/32"	
THREAD	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF
T.P.I		80	56	64	48	56	40	48	40	44	32	40	32	36	24	32
1/8"			B				B				B					
3/16"		B	B		B		B				B					
1/4"			B		B		B	B	B		B 4	B 4			B 4	B
5/16"			B				B				B	B			B	
3/8"			B		B		B	B	B		B 4	B 4			B 4	B
1/2"			B		B		B	B	B		B 4	B 4	B 4	B	B 4	B 4
5/8"			B				B		B 4		B 4	B		B	B 4	
3/4"			B				B	B	B 4		B 4	B 4	B 4	B	B 4	B 4
7/8"											B				B	B 4
1"			B				B		B		B 4	B 4	B 4	B	B 4	B 4
1.1/4"							B		B		B		B 4	B	B 4	B 4
1.1/2"							B		B		B		B 4	B	B 4	B 4
1.3/4"							B				B		B 4		B 4	B
2"							B		B		B		B 4		B 4	B
2.1/4"											B				B	
2.1/2"											B		B 4		B	B
2.3/4"															B	
3"											B				B	B
3.1/4"																
3.1/2"															B	B
3.3/4"																
4"															B	B
5"															B	
6"																

EX STOCK: B= BLACK STEEL CI.12.9 4 = STAINLESS STEEL (304) 6 = STAINLESS STEEL (316)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.





ATOM FASTENERS LTD

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

HEX SOCKET LOW HEAD CAP SCREWS DIN 7984 STEEL CI.10.9 STAINLESS A2-70

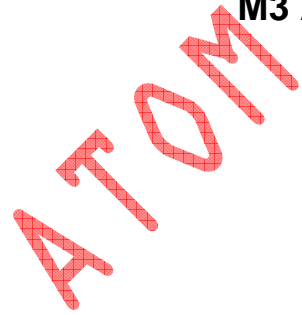


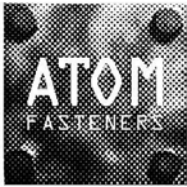
LEN/DIA	M4	M5	M6	M8	M10	M12	M16	M20	M24
Pitch	0.7	0.8	1.0	1.25	1.5	1.75	2.0	2.5	2.0
THD min.	14	16	18	22	26	30	38	46	54
Hd. Dia. max	7	8.5	10	13	16	18	24	30	36
Hd. Hgt. max	2.8	3.5	4	5	6	7	9	11	13
A/Key	2.5	3	4	5	7	8	12	14	17
6									
8	B	B							
10	B 4	B 4	B 4	B 4					
12	B 4	B 4	B 4	B 4					
16	B 4	B 4	B 4	B 4	B 4				
20	B 4	B 4 6	B 4	B 4	B 4	B			
25		B	B 4	B 4	B 4	B 4			
30			B 4	B 4	B 4	B	B	B	
35			B 4	B 4	B 4	B 4	B		
40			B 4	B 4	B 4	B 4	B 4	B	
45				B	B	B	B	B	
50				B 4	B 4	B 4	B 4	B	
55							B	B	
60					B	B	B	B	B
65								B	
70					B		B	B	
80					B	B	B	B	
100							B		
120							B		

EX STOCK B= BLACK STEEL CI.12.9 4 = STAINLESS STEEL A2-70 (304) 6 = STAINLESS STEEL A4 (316)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.

M3 A2 STAINLESS STEEL AVAILABLE





SOCKET LOW HEAD CAP SCREWS IMPERIAL UNC/UNF



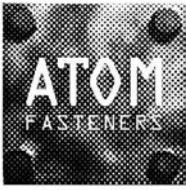
STEEL CI.12.9 STAINLESS STEEL ASME B18.3

LEN/DIA	#8	#10		1/4"	5/16"	3/8"	7/16"	1/2	5/8
Hd. Dia.max	0.270	0.312		0.375	0.437	0.562	0.625	0.750	0.875
Hd. Hgt. max	0.085	0.098		0.127	0.158	0.192	0.223	0.254	0.316
A/Key	5/64"	3/32"		1/8"	5/32"	3/16"	7/32"	1/4"	5/16
	UNC	NC	NF	UNC	UNC	UNC	UNC	UNC	UNC
T.P.I	32	24	32	20	18	16	14	13	11
1/4"	B								
3/8"	B	B							
1/2"	B	B		B	B				
5/8"	B	B		B					
3/4"	B	B		B	B	B		B	
1"		B		B	B	B		B	
1.1/4"				B	B	B		B	
1.1/2"				B	B	B		B	
1.3/4"									
2"									
2.1/2"									

EX STOCK: B= BLACK STEEL CI.12.9 4 = STAINLESS STEEL G304

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.

ATOM FASTENERS LTD



HEX SOCKET COUNTERSUNK HEAD SCREWS ISO 10642 DIN 7991 STEEL CI.10.9 STAINLESS **A2** and **A4**

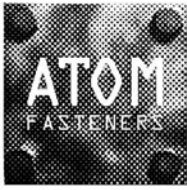


LEN/DIA	M2	M2.5	M3	M4	M5	M6	M8	M10	M12
Pitch	0.4	0.45	0.5	0.7	0.8	1.0	1.25	1.5	1.75
Hd Dia.max	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0	24.0
Hd. Hgt.	1.24	1.55	1.70	2.30	2.80	3.30	4.40	5.50	6.50
A/Key	1.27	1.50	2.0	2.5	3.0	4.0	5.0	6.0	8.0
4	B	B							
5	B	B	B						
6	B	B	B	B	B				
8	B	B	B 6	B 6	B 4	B 4			
10	B	B	B 6	B 6	B 4	B 4 6	B 4 6		
12	B	B	B 6	B 6	B Z 4 6	B 4 6	B 4 6	B	
16	B	B	B 6	B 4 6	B Z 4 6	B Z 4 6	B Z 4 6	B 4 6	B
20		B	B 6	B 4 6	B Z 4 6	B Y Z 4 6	B Z 4 6	B Z 4 6	B 4
25		B	B 4 6	B 4 6	B Z 4 6	B Y Z 4 6	B Y Z 4 6	B Z 4 6	B Z 4 6
30			B 4 6	B 4 6	B Z 4 6	B Y Z 4 6	B Y Z 4 6	B Z 4 6	B Z 4 6
35				B	B 4	B Y Z 4 6	B Z 2 4	B Z 4 6	B Z 4 6
40			B 4	B 4	B Z 4 6	B Z 4 6	B Y Z 4 6	B Z 4 6	B Z 4 6
45			B	B	B 4	B 4 6	B 4 6	B Z 4 6	B 4 6
50			B 4	B 4	B Z 4 6	B Z 4 6	B Y Z 4 6	B Z 4 6	B Z 4 6
55				B	B	B 4	B	B	B
60				B	B Z 4 6	B 4 6	B 4 6	B 4 6	B 4 6
65						B	B	B	B
70				B	B	B 4 6	B Y 4 6	B 4 6	B 4 6
75						B	B 4	B 4 6	B
80					B	B 4 6	B 4 6	B 4 6	B Z 4 6
90						B 4	B 4 6	B 4 6	B 4 6
100						B 4	B 4 6	B 4 6	B 4 6
110						B		B	B
120						B	B	B	B
130							B	B	B
140							B	B	B
150							B	B	B
160									B
180									B

EX STOCK B= BLACK STEEL CI.10.9 Z=ZINC PLATED 10.9 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.

TO ORDER BLACK and ZINC PLATED CI. 8.8



ATOM FASTENERS LTD

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

HEX SOCKET COUNTERSUNK HEAD SCREWS ISO 10642 DIN 7991 STEEL CI.10.9 STAINLESS **A2** and **A4**



LEN/DIA	M14	M16	M18	M20	M22	M24	M27	M30	M36
Pitch	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.5	4.0
Hd Dia.max	27	30	33	36	36	39	46	53	
Hd. Hgt.	8.40	8.80	9.48	10.16	13.31	14.22	17.95	21.64	
A/Key	10	10	12	12	14	14	17	17	
20		B							
25	B	B 4 6							
30	B	B 4 6		B					
35	B	B							
40	B	B 4 6		B 4 6					
45	B	B		B					
50	B	B Z 4 6	B	B 4 6		B			
55	B	B				B			
60	B	B 4 6	B	B 4 6		B			
65	B			B		B			
70	B	B 4 6	B	B 4 6		B			
75	B	B		B		B			
80	B	B 4 6	B	B 4 6		B 4			
90	B	B	B	B		B			
100	B	B 4 6	B	B 4 6		B 4			
110		B	B	B					
120		B		B		B			
130		B		B		B			
140		B		B		B			
150		B		B		B			
160		B		B		B			
180		B		B		B			
200				B		B			

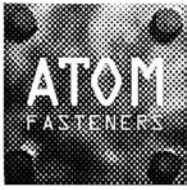
Up to and Inc M20 have 90 Deg head
above have a 60 Deg Head

EX STOCK B= BLACK STEEL CI.10.9 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.

TO ORDER BLACK and ZINC PLATED CI. 8.8

ATOM FASTENERS



HEX SOCKET COUNTERSUNK HEAD SCREWS FULLY THREADED

DIN 7991 (ISO 10642) STEEL CI.10.9

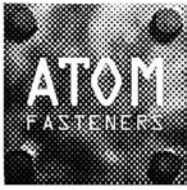


LEN/DIA	M5	M6	M8	M10	M12	M14	M16	M20	M24
Pitch	0.8	1.0	1.25	1.5	1.75	2.0	2.0	2.50	3.00
Hd. Dia. max	10.0	12.0	16.0	20.0	24.0	27.0	30.0	36.0	39.0
Hd. Hgt. max	3.10	3.72	4.96	6.20	7.44	8.12	8.80	10.16	14.22
A/Key	3.0	4.0	5.0	6.0	8.0	10	10	12	14
40	B								
45	B								
50	B	B	B	B					
60		B	B	B	B				
70		B	B 4	B	B				
80		B	B	B	B	B	B		
90		4	B	B	B	B			
100		4	B	B	B		B	B	B
110							B		
120							B	B	
130							B		
140							B		
150					B		B	B	

EX STOCK: B= BLACK STEEL CI.10.9

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.

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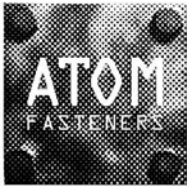
HEXAGON SOCKET COUNTERSUNK HEAD SCREWS UNC/UNF ASME B18.3 STEEL CI.10.9 STAINLESS STEEL A2



LEN/DIA	1/4"		5/16"		3/8"		7/16"		1/2"		9/16"		5/8"	
Hd. Dia. min	0.476		0.589		0.704		0.755		0.857		0.963		1.065	
Hd. Hgt. max	0.162		0.198		0.234		0.234		0.251		0.288		0.324	
A/Key	5/32"		3/16"		7/32"		1/4"		5/16"		5/16"		3/8"	
Thread	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF
T.P.I	20	28	18	24	16	24	14	20	13	20	12	18	11	18
3/8"	B 4													
1/2"	B 4	B	B 4		B									
5/8"	B 4	B 4	B 4	B	B	B								
3/4"	B 4	B 4	B 4	B 4	B 4	B 4	B	B	B	B				
1"	B 4	B 4	B Z 4	B 4	B 4	B 4	B	B	B 4	B 4			B	B
1.1/4"	B 4	B 4	B 4	B 4	B 4	B 4	B	B	B 4	B 4			B 4	B
1.1/2"	B 4	B	B 4	B 4	B 4	B 4	B	B	B 4	B 4			B 4	B
1.3/4"	B 4	B	B 4	B	B 4	B 4	B	B	B 4	B 4			B 4	B
2"	B 4	B	B 4	B 4	B 4	B 4	B	B	B 4	B 4			B 4	B
2.1/2"	B		B	B	B	B	B	B	B 4	B 4			B 4	B
3"	B		B		B	B 4	B	B	B	B			B	B
3.1/2"	B		B		B				B				B	B
4"	B		B		B				B				B	B
5"					B				B				B	
6"					B				B				B	

LEN/DIA	3/4"		7/8"		1"		1.1/8"		1.1/4"			
Hd. Dia.max	1.293		1.520		1.745		1.925		2.138			
A/Key	1/2"		9/16"		5/8"		5/8"		5/8"			
Thread	UNC	UNF	UNC	UNF	UNC	UNF	UNS	UNC	UNF	UNC	UNF	
T.P.I	10	16	9	14	8	12	14	7	12	7	12	
1.1/4"	B											
1.1/2"	B											
1.3/4"	B											
2"	B	B	B				80 to 82 DEG Head					
2.1/4"	B											
2.1/2"	B	B	B		B							
3"	B	B	B		B							
3.1/2"	B		B		B							
4"	B		B		B							
4.1/2"			B									
5"	B		B		B							
6"	B		B		B							
6.1/2"			B									
7"			B		B							
8"												

EX STOCK: B= BLACK STEEL CI.10.9 4 = STAINLESS STEEL G304
Warning: Electro-galvanising of these products may cause hydrogen embrittlement.



ATOM FASTENERS LTD

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

SOCKET CSK CAP SCREWS UNIFIED STEEL CI.10.9 STAINLESS STEEL A2



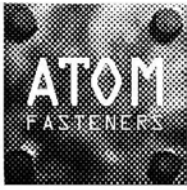
LEN/DIA	#0	#2		#4		#5		#6		#8		#10	
Hd. Dia.min	0.117	0.168		0.218		0.240		0.263		0.311		0.359	
Hd. Hgt.	0.045	0.064		0.073		0.090		0.097		0.112		0.127	
A/Key	0.035	0.05"		1/16"		5/64"		5/64"		3/32"		1/8"	
Thread	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF
T.P.I	00	56	64	40	48	40	44	32	40	32	36	24	32
3/16"	B												
1/4"	B	B		B		B		B		B 4		B	
5/16"		B		B		B		B		B		B	
3/8"		B		B		B		B		B 4		B	B
1/2		B		B		B		B 4		B 4		B 4	B
5/8"		B		B		B		B		B 4		B 4	B 4
3/4"		B		B		B		B 4		B 4		B 4	B
1"				B		B		B 4		B 4		B 4	B
1.1/4"				B				B		B 4		B 4	B
1.1/2"								B		B 4		B 4	B
1.3/4"												B	B
2"		82 to 80 Deg Head										B	B
2.1/2"												B	
3"												B	

SOCKET CSK CAP SCREWS BSW/BA STEEL CI.10.9



LEN/DIA	BSW THREADS 90 Deg. Head					BA THREADS 90 Deg. Head						
	1/4"	5/16"	3/8"	1/2"	5/8"	8BA	6BA	5BA	4BA	3BA	2BA	1BA
Hd. Dia. min	0.432	0.542	0.651	0.870	1.089	0.147	0.189	0.215	0.243	0.277	0.319	0.360
A/Key	5/32"	3/16"	7/32"	5/16"	3/8"	0.050	0.050	1/16"	1/16"	5/64"	3/32"	3/32"
T.P.I/Pitch	20 T.P.I	18 T.P.I	16 T.P.I	14 T.P.I	12 T.P.I	0.43mm	0.53mm	0.59mm	0.65mm	0.73mm	0.81mm	0.9mm
1/2"	B											
5/8"	B											
3/4"	B	B	B		B							
1"	B	B	B	B								
1.1/4"	B	B	B	B								
1.1/2"	B	B	B	B			B		B		B	
1.3/4"	B			B							B	
2"	B	B		B			B		B		B	
2.1/4"											B	
2.1/2"		B		B								
3"		B		B								
3.1/2"				B								
4"				B								

EX STOCK: B= BLACK STEEL CI.10.9 4 = STAINLESS STEEL A2 6 = STAINLESS STEEL A4



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HEX SOCKET BUTTON HEAD SCREWS ISO 7380

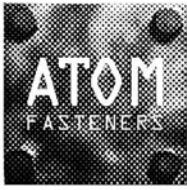
STEEL CI.10.9 STAINLESS **A2** and **A4**



LEN/DIA	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10
Pitch	0.4	0.45	0.5	0.6	0.7	0.8	1.0	1.0	1.25
Hd. Dia.	3.5	4.5	5.7	6.6	7.6	9.5	10.5	14	17.5
Hd. Hgt.	1.3	1.5	1.65	1.9	2.2	2.75	3.3	4.4	5.5
A/Key	1.27	1.50	2	2	2.5	3	4	5	6
3	B								
4	B	B							
5	B	B	B	TA	B				
6	B	B 4	B 4 6		B	B	6		
8	B	B 4	B 4 6		B 4 6	B	B		
10	B	B 4	B 4		B 4 6	B Z 4 6	B 6		
12	B	B 4	B 4		B 4 6	B Z 4 6	B 4 6	B Z	B 4 6
14							B		
16	B	B 4	B 4		B 4	B Y Z 4 6	B Y Z 4 6	B Z 4 6	B 4 6
20		B 4	B 4		B 4	B Z 4 6	B Y Z 4 6	B Z 4 6	B Y Z 4 6
25			B 4		B 4	B 4	B Z 4 6	B Z 4 6	B Y Z 4 6
30			B	TA	B 4	B 4	B Y Z 4 6	B Y Z 4 6	B Z 4 6
35					B 4	B 4	B 4	B	B
40					B 4	B 4	B Z 4 6	B Y Z 4 6	B Z 4 6
45					B 4	B 4	B 4	B Z 4 6	B Z 4 6
50					B 4	B 4	B 4	B Z 4 6	B Z 4 6
55							B	B	B
60					B	B 4	B 4	B 4	B Z 4
65							B Z		B
70						B	B 4	B 4	B 4
75							B	B	
80							B 4	B 4	B 4
90								B	B 4
100								B	B 4

EX STOCK: B= BLACK STEEL CI.10.9 Y=Y/ZINC STEEL 10.9 4 = STAINLESS STEEL A2 6 = STAINLESS STEEL A4

ATOM FASTENERS LTD



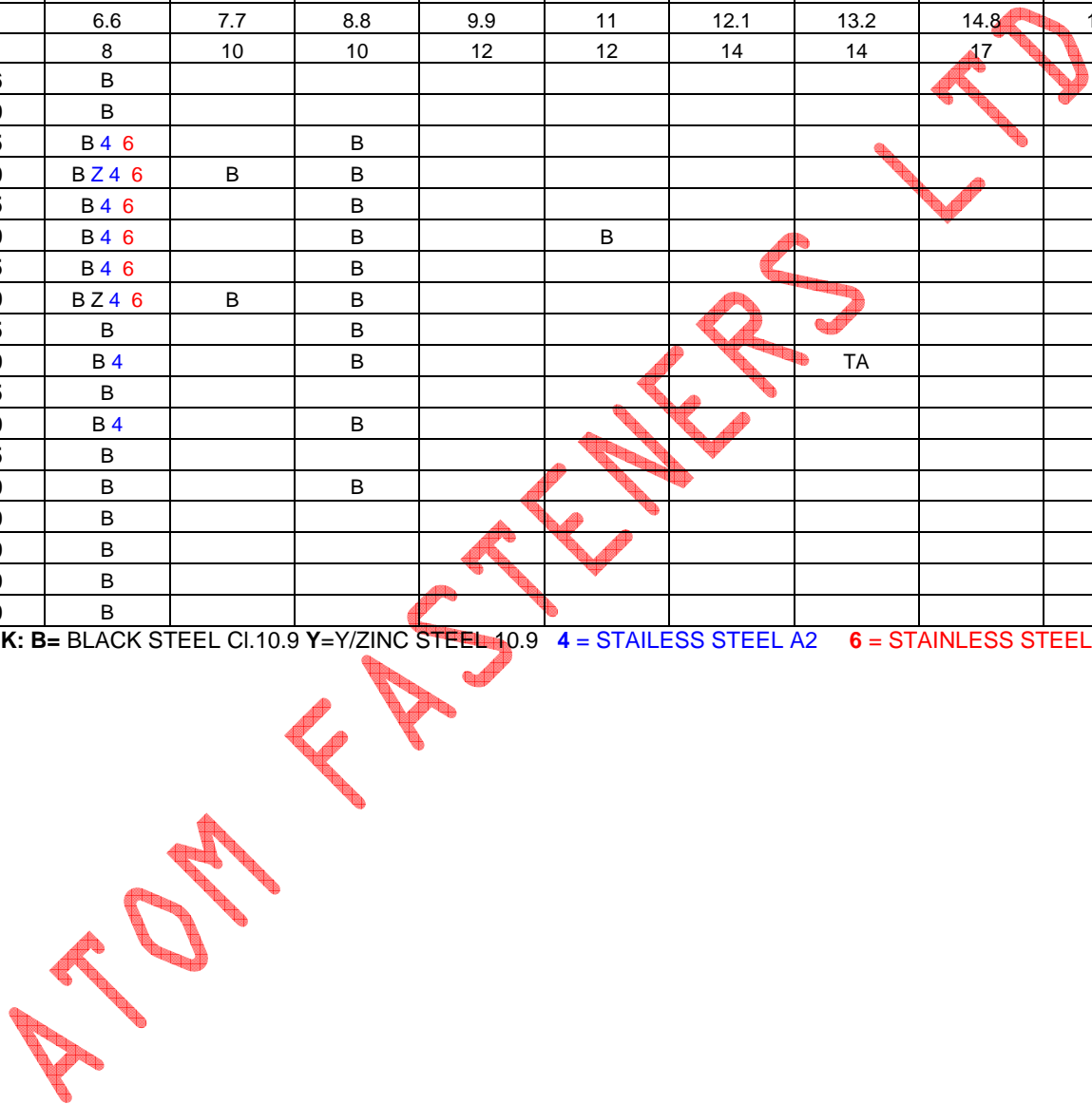
HEX SOCKET BUTTON HEAD SCREWS ISO 7380

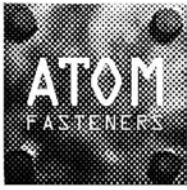
STEEL CI.10.9 STAINLESS **A2** and **A4**



LEN/DIA	M12	M14	M16	M18	M20	M22	M24	M27	M30
Pitch	1.75	2	2	2.5	2.5	2.5	3.0	3.0	3.5
Hd Dia.	21	24.5	28	31.5	35	38	42	47	52
Hd. Hgt.	6.6	7.7	8.8	9.9	11	12.1	13.2	14.8	16.5
A/Key	8	10	10	12	12	14	14	17	17
16	B								
20	B								
25	B 4 6		B						
30	B Z 4 6	B	B						
35	B 4 6		B						
40	B 4 6		B		B				
45	B 4 6		B						
50	B Z 4 6	B	B						
55	B		B						
60	B 4		B				TA		
65	B								
70	B 4		B						
75	B								
80	B		B						
90	B								
100	B								
110	B								
120	B								

EX STOCK: B= BLACK STEEL CI.10.9 Y=ZINC STEEL 10.9 4 = STAINLESS STEEL A2 6 = STAINLESS STEEL A4





ATOM FASTENERS LTD

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HEXAGON SOCKET BUTTON HEAD SCREWS UNC/UNF ASME 18.3 STEEL CI.12.9

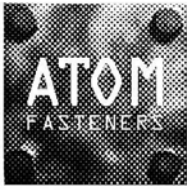


LEN/DIA	1/4"		5/16"		3/8"		7/16"		1/2"		5/8"	
Hd. Dia. max	0.437		0.547		0.656		0.750		0.875		1.00	
Hd. Hgt. max	0.132		0.166		0.199		0.232		0.265		0.331	
A/Key	5/32"		3/16"		7/32"		1/4"		5/16"		3/8"	
Thread	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF
T.P.I	20	28	18	24	16	11	10	10	13	20	12	18
1/4"	B	B										
5/16"												
3/8"	B 4	B										
1/2"	B 4	B	B		B	B						
5/8"	B 4	B	B	B	B							
3/4"	B 4	B 4	B 4	B 4	B 4	B 4			B			
7/8	4											
1"	B 4	B 4	B 4	B 4	B 4	B 4	B		B 4			
1.1/8"												
1.1/4"	B 4	B 4	B 4	B 4	B 4	B 4			B 4	B		
1.1/2"	B 4	B	B 4	B	B 4	B 4			B 4	B		
1.3/4"				B	B 4				B			
2"	B 4		B	B	B 4	B 4			B 4	B		
2.1/4"												
2.1/2"									B	B		
2.3/4"												
3"					4	B	B		B			
3.1/2"												
4"												

EX STOCK: B= BLACK STEEL CI.10.9 4 = STAINLESS STEEL A2 6 = STAINLESS STEEL A4

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.

LEN/DIA	1/2"
Hd. Dia. max	0.875
Hd Hgt. max	0.265
A/Key	5/16"
Thread	BSW
T.P.I	12
1"	
1.1/8"	
1.1/4"	
1.1/2"	
1.3/4"	
2"	
2.1/4"	
2.1/2"	
2.3/4"	
3"	
3.1/2"	



SOCKET BUTTON HEAD CAP SCREWS UNIFIED



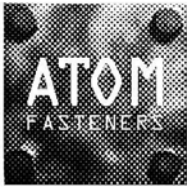
STEEL CI.10.9 and STAINLESS STEEL ASME B18.3

LEN/DIA	#0		#2		#3		#4		#5		#6		#8		#10	
Hd. Dia.	0.114		0.164		0.188		0.213		0.238		0.262		0.312		0.361	
Hd. Hgt	0.032		0.046		0.052		0.059		0.066		0.073		0.087		0.101	
A/Key	0.035		0.050		1/16"		1/16"		5/64"		5/64"		3/32"		1/8"	
Thread	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF
T.P.I		80	56	64	48	56	40	48	40	44	32	40	32	36	24	32
1/8"																
3/16"			B 4				B									
1/4"	B 4		B 4				B 4		B 4		B 4		B 4		B 4	B 4
5/16"			B				B		B		B		B		B	B
3/8"			B 4				B 4		B 4		B 4		B 4		B 4	B 4
1/2"			B 4		B		B 4		B 4		B 4		B 4		B 4	B 4
5/8"			B				B		B		B		B		B	B 4
3/4"			B 4				B 4		B 4		B 4		B 4		B 4	B 4
1"			B 4				B 4		B 4		B 4		B 4		B 4	B 4
1.1/4"							B		B		B		B		B 4	B 4
1.1/2"							B		B		B		B 4		B 4	B 4
1.3/4"															B 4	B 4
2"													B		B 4	B 4

EX STOCK: B= BLACK STEEL CI.10.9 4 = STAINLESS STEEL (304)

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.





ATOM FASTENERS LTD

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HEXAGON SOCKET SET SCREWS UNC/UNF CUP POINT ANSI:B18.3-2003 STEEL CI.45H



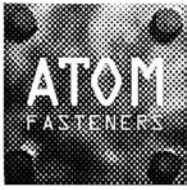
LEN/DIA	1/4"		5/16"		3/8"		7/16"		1/2"		9/16"		5/8"	
Thread	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF
A/Key	1/8"		5/32"		3/16"		7/32"		1/4"		NA		5/16"	
T.P.I	20	28	18	24	16	24	14	20	13	20	12	18	11	18
3/16"	B													
1/4"	B	B	B	B	B									
5/16"	B	B	BZ	B	B	B								
3/8"	B	B	B	B	B	B	B							
7/16"						B	B	B						
1/2"	B	B	B	B	B	B	B	B	B	B			B	B
5/8"	B	B	B	B	B	B	B		B	B			B	
3/4"	B	B	B	B	B	B	B	B	B	B			B	B
1"	B	B	B		BZ	B	B	B	B	B			B	B
1.1/4"	B	B	B	B	B	B	B	B	B	B			B	B
1.1/2"	B		B	B	B	B	B	B	B	B			B	B
1.3/4"	B		B		B		B	B	B				B	
2"	B		B		B		B	B	B	C			B	B
2.1/4"									B					
2.1/2"	B				B				B				B	
3"					B				B				B	
3.1/2"									B					
4"									B					

EX STOCK: B= BLACK

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.

LEN/DIA	3/4"		7/8"		1"		
A/Key	3/8"		1/2"		9/16"		
Thread	UNC	UNF	UNC	UNF	UNC	UNF	UNS
T.P.I	10	16	9	14	8	12	14
3/4"	B						
1"	B		B		B		
1.1/8"							
1.1/4"	B		B		B		
1.1/2"	B		B		B		
1.3/4"	B		B				
2"	B		B		B		
2.1/4"							
2.1/2"	B		B		B		
2.3/4"							
3"	B		B		B		
3.1/2"	B						
4"	B						

D = DOG POINT K= KNURLED POINT SOME SIZES AVAILABLE

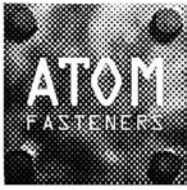


SOCKET HEAD SET SCREWS DIN 916 STEEL Cl. 45H CUP POINT (Plain)

LEN/DIA	M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10
Pitch	0.35	0.4	0.45	0.5	0.7	0.8	1.0	1.25	1.5
A/ Key	0.7	0.9	1.3	1.5	2.0	2.5	3.0	4.0	5.0
2	B	B							
3	B	B 4	B 4	B 4 6	B 4 6				
4		B 4	B 4 6	B 4 6	B Z 4 6	B			
5		B 4	B 4 6	B 4 6	B Z 4 6	B Z 4 6			
6		B 4	B 4 6	B 4 6	B Z 4 6	B Z 4 6	B Z 4 6		
8		B 4	B 4	B 4 6	B Z 4 6	B Z 4 6	B Z 4 6	B 4	4
10		B 4	B 4	B 4 6	B Z 4 6	B Z 4 6	B Z 4 6	B Z 4 6	B Z 4 6
12		B 4	B 4	B 4 6	B 4 6	B 4 6	B Z 4 6	B Z 4 6	B Z 4 6
16		B 4	B 4	B 4 6	B 4 6	B 4 6	B 4 6	B Z 4 6	B Z 4 6
20				B 4 6	B 4 6	B 4 6	B 4 6	B 4 6	B Z 4 6
25				B 4	B 4 6	B 4 6	B 4 6	B 4 6	B 4 6
30				B 4	B 4	B 4 6	B 4 6	B 4 6	B 4 6
35					B 4	B	B	B 4 6	B 4 6
40					B	B 4 6	B 4 6	B 4 6	B 4 6
45							B	B 4 6	B 4 6
50					B	B 4 6	B 4 6	B 4 6	B 4 6
60							B	B	B 4
70							B	B	B
80								B	B
90									B
100							B	B	B

LEN/DIA	M12	M14	M16	M18	M20	M22	M24	M27	M30
Pitch	1.75	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.5
A/ Key	6.0	6.0	8.0	10	10	12	12	14	14
10	B 4 6								
12	B 4 6								
14		B 4							
16	B 4 6	B 4	B 4						
20	B 4 6	B	B 4 6	B 4	B				
25	B 4 6	B	B 4	B 4	B 4		B 4		
30	B 4 6	B	B 4	B	B 4	B	B 4		
35	B 4	B	B 4		B 4		B 4		
40	B 4	B	B 4	B	B 4		B 4		
45	B 4	B	B 4		B 4		B 4		
50	B 4	B	B 4	B	B 4 6		B 4		
55	B	B	B 4		B		B 4		
60	B 4	B	B 4		B 4		B 4		
70	B	B	B 4		B		B		
75	B				B		B		
80	B	B	B 4		B		B		
90	B		B 4		B		B		
100	B		B 4		B		B		
120					B		B		

EX STOCK: B= BLACK 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)



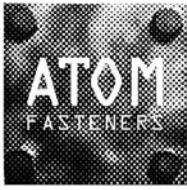
SOCKET HEAD GRUB SCREWS DIN 916 STEEL CI. 45H CONE POINT



LEN/DIA	M3	M4	M5	M6	M8	M10	M12	M16	M20
Pitch	0.5	0.7	0.8	1.0	1.25	1.5	1.75	2.0	2.5
A/ Key	1.5	2.0	2.5	3.0	4.0	5.0	6.0	7.0	8.0
2									
3	B 4								
4	B								
5	B	B	B						
6	B 4	B 4	B 4	B 4					
8	B 4	B 4	B 4	B 4	B				
10	B	B	B 4	B 4	B 4	B			
12	B	B 4	B 4	B 4	B 4	B 4			
16	B	B 4	B 4	B	B 4 6	B 4	B		
20		4	B	B	B 4	B 4	B		
25			B	B	B	B	B	B	
30			B		B	B	B		
35					B	B	B		
40					B	B	B		
45									
50					B	B	B		

EX STOCK: B= BLACK 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)

ATOM FASTENERS LTD



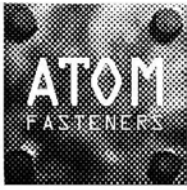
SOCKET HEAD GRUB SCREWS DIN 916 STEEL Cl. 45H KNURLED POINT (Plain)



LEN/DIA	M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10
Pitch	0.35	0.4	0.45	0.5	0.7	0.8	1.0	1.25	1.5
A/ Key	0.7	0.9	1.3	1.5	2.0	2.5	3.0	4.0	5.0
2									
3				B					
4				B	B				
5				B	B				
6				B	B	B	B	B	
8				B	B	B	B	B	
10				B	B	B	B	B	B
12				B	B	B	B	B	B
16				B	B	B	B	B	B
20				B	B	B	B	B	B
25					B	B	B	B	B
30					B		B	B	B
35							B	B	B
40							B		
45							B		
50							B		

LEN/DIA	M12	M14	M16	M18	M20				
Pitch	1.75	2.0	2.0	2.50	2.50				
A/ Key	6.0		8.0		10.0				
10									
12	B								
16	B								
20	B								
25	B		B						
30	B		B						
35					B				
40	B								
45									
50									

EX STOCK: B= BLACK 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)



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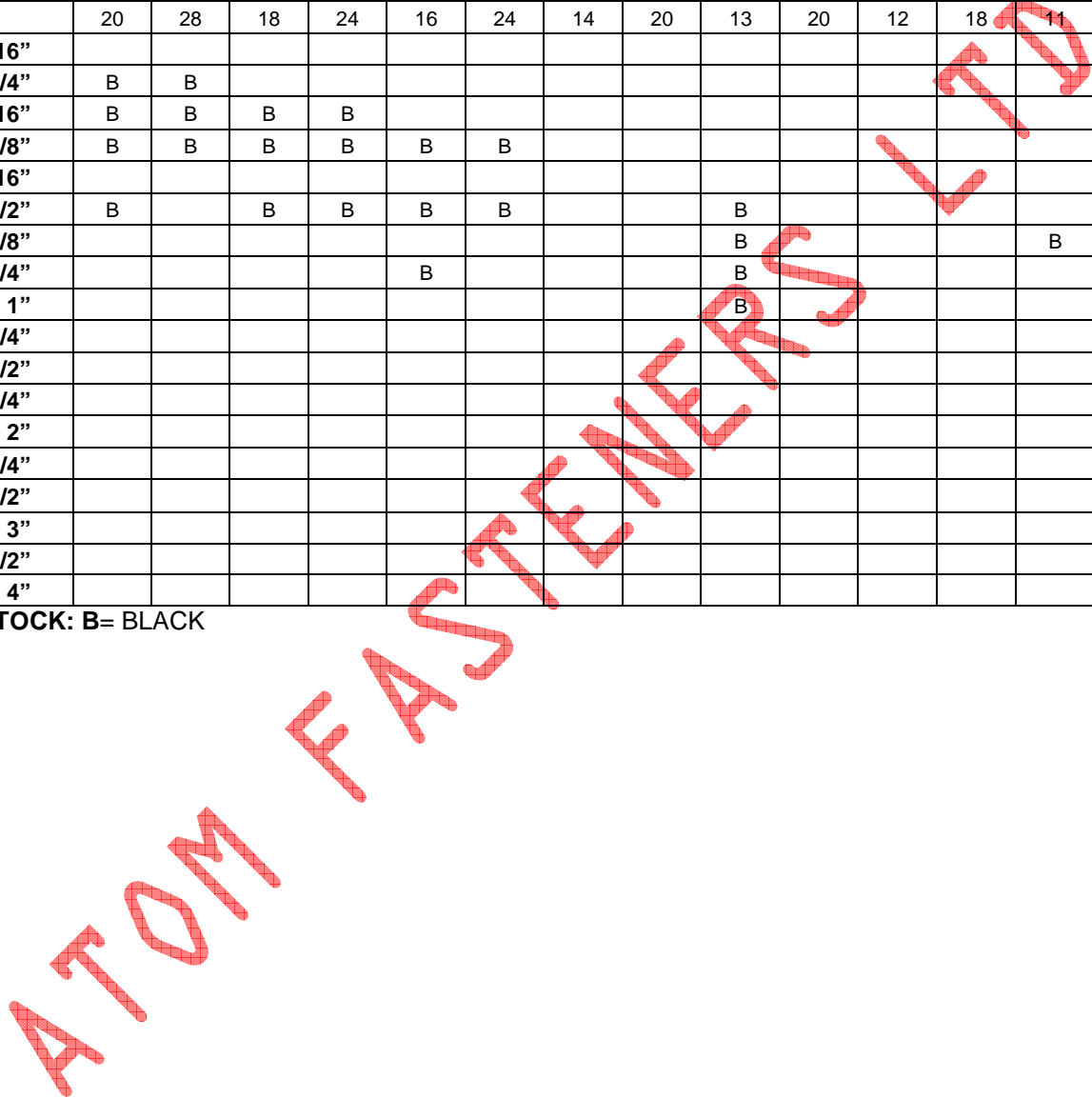
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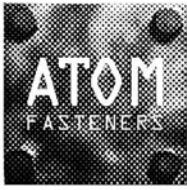
HEXAGON SOCKET SET SCREWS UNC/UNF KNURLED POINT ANSI B18.3-2003 STEEL CI.45H



LEN/DIA	1/4"		5/16"		3/8"		7/16"		1/2"		9/16"		5/8"	
	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF
A/Key	1/8"		5/32"		3/16"		7/32"		1/4"				5/16"	
T.P.I	20	28	18	24	16	24	14	20	13	20	12	18	11	18
3/16"														
1/4"	B	B												
5/16"	B	B	B	B										
3/8"	B	B	B	B	B	B								
7/16"														
1/2"	B		B	B	B	B			B					
5/8"									B				B	
3/4"					B				B					
1"									B					
1.1/4"														
1.1/2"														
1.3/4"														
2"														
2.1/4"														
2.1/2"														
3"														
3.1/2"														
4"														

EX STOCK: B= BLACK





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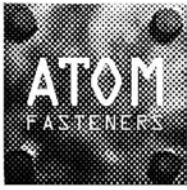
HEXAGON SOCKET SET SCREWS UNIFIED STEEL CI.45H



LEN/DIA	#0	#1	#2		#3		#4		#5		#6		#8		#10	
A/Key	0.028	0.035	0.035		0.050		0.050		1/16"		1/16"		5/64"		3/32"	
Thread	NF	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF	NC	NF
T.P.I	80	72	56	64	48	56	40	48	40	44	32	40	32	36	24	32
1/8"							B		B		B		B			
3/16"	B	B					B		B		B		B		B	B
1/4"	B	B					B		B		B		B		B	B
5/16"							B		B		B		B		B	B
3/8"							B		B		B		B		B	B
7/16"							B									
1/2"							B		B		B		B		B	B
5/8"							B		B		B		B		B	B
3/4"							B		B		B		B		B	B
1"									B		B		B		B	B
1.1/4"											B		B		B	B
1.1/2"											B		B		B	
1.3/4"															B	
2"															B	

EX STOCK: B = BLACK

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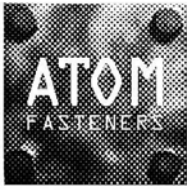
SOCKET HEAD SHOULDER SCREWS

ANSI B 18.3.3M ISO 7379 STEEL Cl. 12.9



LEN/DIA	5mm	6mm	8mm	10mm	12mm	16mm	20mm	24mm
Thread	M4	M5	M6	M8	M10	M12	M16	M20
Pitch	0.7	0.8	1.0	1.25	1.5	1.75	2.0	2.5
Hd. Dia.	8.5	10.22	13.27	16.27	18.27	24.33	30.33	36.39
Hd. Hgt.max	4.00	4.50	5.50	7.00	9.00	11.00	14.00	16.00
A/ KEY	2.5	3	4	5	6	8	10	12
Thd. Length	8.25	9.75	11.25	13.25	16.40	18.40	22.40	27.50
5	B							
6	B	B	B					
8	B	B	B					
10	B	B 4	B	B				
12	B	B 4	B 4	B	B			
16	B	B 4	B 4	B 4	B 4			
20	B	B 4	B 4	B 4	B 4	B	B	
25	B	B 4	B 4	B 4	B 4	B	B	
30	B	B 4	B 4	B 4	B 4	B 4	B	
35		B	B	B	B	B	B	
40	B	B 4	B 4	B 4	B 4	B 4	B 4	
45			B	B	B	B	B	
50		B	B 4	B 4	B 4	B 4	B 4	B
55			B	B	B	B	B	B
60			B	B	B	B	B	B
65			B	B	B	B	B	B
70			B	B	B	B	B	B
75			B	B	B	B		
80			B	B	B	B	B	B
85					B	B		
90			B	B	B	B	B	B
100			B	B	B	B	B	B
110				B	B	B	B	B
120				B	B	B	B	B
130				B	B	B	B	B
140				B	B	B	B	B
150				B	B	B	B	B
160					B	B	B	

EX STOCK: B= BLACK 4 = STAINLESS STEEL A2 (304) 6 = STAINLESS STEEL A4 (316)



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SOCKET HEAD SHOULDER SCREWS

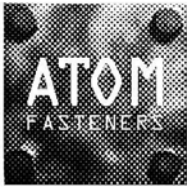
STEEL CI.12.9 UNC / UNF ASME B18.3



SHANK DIA	1/4"		5/16"		3/8"		1/2"		5/8"		3/4"		1"	
THREAD	#10		1/4"		5/16"		3/8"		1/2"		5/8"		3/4"	
Hd. Dia. max	0.375		0.437		0.562		0.750		0.875		1.000		1.312	
Hd. Hgt. max	0.188		0.219		0.250		0.313		0.375		0.50		0.625	
A/Key	1/8"		5/32"		3/16"		1/4"		5/16"		3/8"		1/2"	
T.P.I	UNC		UNF		UNC		UNF		UNC		UNF		UNC	
	24	32	20	28	18	24	16	24	13	20	11	18	10	16
SHOULDER LENGTH														
1/4"	B		B		B									
3/8"	B		B		B		B							
1/2"	B		B		B		B							
5/8"	B		B		B 4		B		B					
3/4"	B		B		B		B		B		B			
1"	B		B		B		B		B		B			
1.1/4"	B 4		B		B		B		B		B			
1.1/2"	B		B		B		B		B		B			
1.3/4"	B		B		B		B		B		B			
2"	B		B		B		B		B		B			
2.1/4"	B		B		B		B		B		B			
2.1/2"	B		B		B		B		B		B			
2.3/4"			B		B		B		B		B			
3"	B		B		B		B		B		B			
3.1/4"			B						B					
3.1/2"			B		B		B		B		B			
3.3/4"			B						B					
4"			B		B		B		B		B			
4.1/2"							B		B		B			
5"							B		B		B			
5.1/2"									B					
6"									B		B			

EX STOCK: B= BLACK

Warning: Electro-galvanising of these products may cause hydrogen embrittlement.



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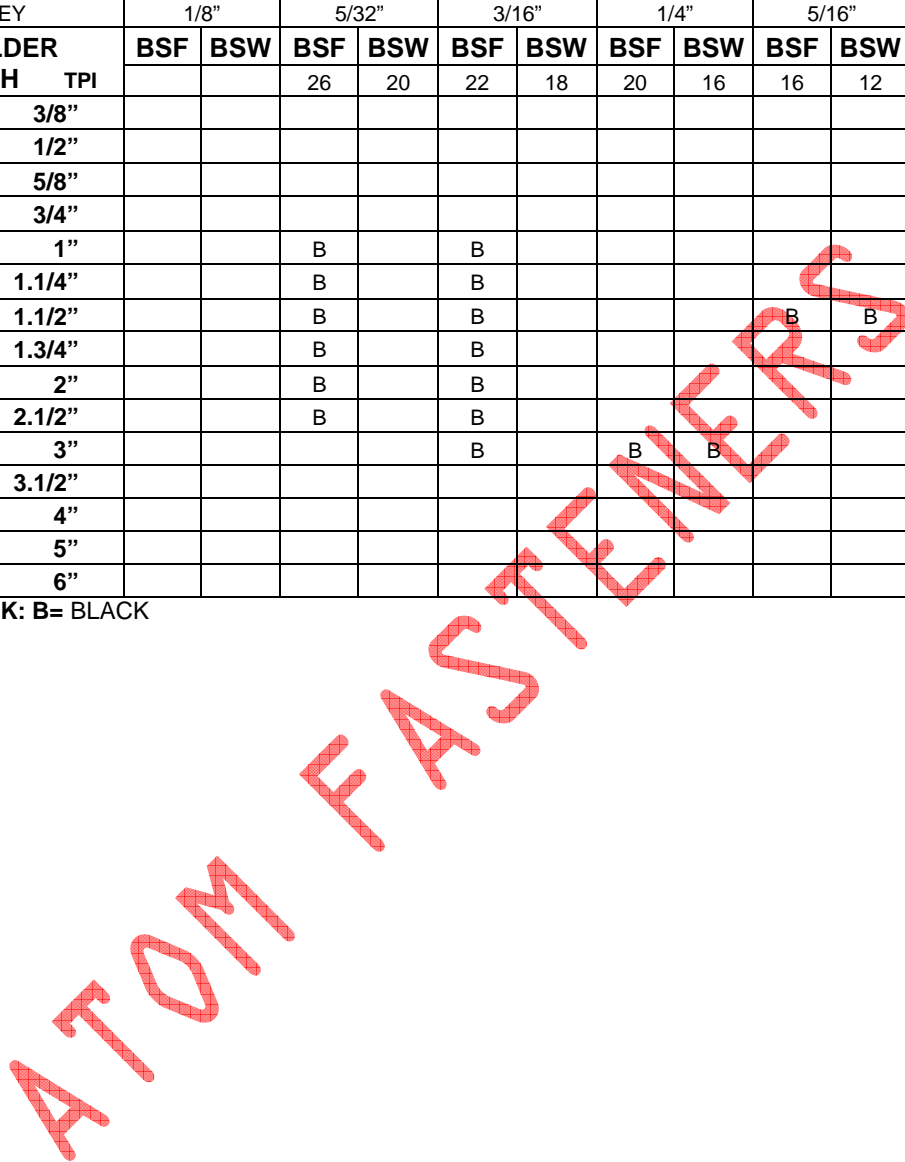


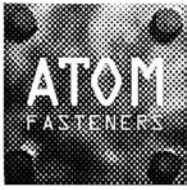
SOCKET HEAD SHOULDER SCREWS

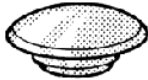
STEEL CI.12.9 BSF/BSW

DIAMETER	1/4"		5/16"		3/8"		1/2"		5/8"		3/4"		1"		
THREAD			1/4"		5/16"		3/8"		1/2"		5/8"		3/4"		
HEAD DIA.	0.375		0.437		0.562		0.750		0.875		1.000		1.312		
HEAD Hgt. max	0.188		0.219		0.250		0.313		0.375		0.50		0.625		
ALLEN KEY	1/8"		5/32"		3/16"		1/4"		5/16"		3/8"		1/2"		
SHOULDER LENGTH	TPI	BSF	BSW	BSF	BSW	BSF	BSW	BSF	BSW	BSF	BSW	BSF	BSW	BSF	BSW
				26	20	22	18	20	16	16	12	14	11	12	10
3/8"															
1/2"															
5/8"															
3/4"															
1"				B		B									
1.1/4"				B		B									
1.1/2"				B		B			B	B					
1.3/4"				B		B									
2"				B		B									
2.1/2"				B		B									
3"						B		B	B						
3.1/2"															
4"															
5"															
6"															

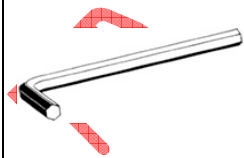
EX STOCK: B= BLACK





HEXAGON SOCKET SCREW COVER									
Plastic Polyethylene									
DIA		M5	M6	M8	M10	M12	M16	M20	
Grey		✓	✓	✓	✓	✓	✓	✓	

EX STOCK: = ✓

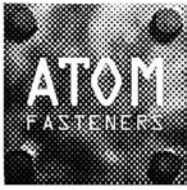
ALLEN KEYS									
DIA		1.3	1.5	2.0	2.5	3.0	4.0	5.0	6.0
Short Arm		✓	✓	✓	✓	✓	✓	✓	✓
Long Arm						✓	✓	✓	

DIA		8.0	10	12	14	17	19	24	27
Short Arm		✓	✓	✓	✓	✓	✓	✓	✓

DIA		32	36		1/4"	5/16"			
Short Arm		✓	✓		✓	✓			

EX STOCK: = ✓

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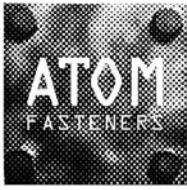
SOCKET HEAD CAP SCREWS

ASME B18.3 BSF

LEN/DIA	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"
Thread	BSF	BSF	BSF	BSF	BSF	BSF	BSF	BSF	BSF
T.P.I	32	26	22	20	18	16	14	12	11
Hd. Dia.	0.312	0.375	0.437	0.562	0.625	0.750	0.875	1.00	1.125
Hd. Hgt.	0.187	0.250	0.312	0.375	0.437	0.500	0.625	0.750	0.875
A/Key	5/32"	3/16"	7/32"	5/16"	5/16"	3/8"	1/2"	9/16"	9/16"
3/8"		B	B						
1/2"	B	B	B	B					
5/16"			B						
5/8"		B	B	B					
3/4"	B	B	B	B		B			
7/8"	B			B					
1"	B	B		B	B	B	B		
1.1/4"	B	B	B	B	B	B			
1.1/2"	B	B	B	B	B	B	B		
1.3/4"		B		B			B		
2"	B	B	B	B	B	B	B	B	B
2.1/4"			B	B					
2.1/2"		B	B	B		B	B	B	
3"		B	B	B		B	B	B	
3.1/2"		B		B			B		
4"			B	B		B	B	B	
4.1/2"									
5"						B	B	B	
6"				B			B		

LEN/DIA	1.1/4"	1.1/2"							
Thread	BSF	BSF							
T.P.I	9	8							
Hd. Dia.	1.875	2.25							
Hd. Hgt.	1.00	1.50							
A/Key	7/8"	1"							
1.1/2"	B								
1.3/4"									
2"									
2.1/4"									
2.1/2"	B								
3"									
3.1/2"		B							
4"									
4.1/2"									
5"									
6"									

EX STOCK: B= BLACK
All dimensions are in inches.



SOCKET CSK CAP SCREWS ASME B18.3 BSF



LEN/DIA	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"
Thread	BSF	BSF	BSF	BSF	BSF	BSF	BSF	BSF	BSF
T.P.I	32	26	22	20	18	16	14	12	11
Hd. Dia.	0.314	0.420	.0527	0.635	0.742	0.950	1.187	1.425	1.662
Hd. Hgt.	0.087	0.116	0.146	0.174	0.204	0.233	0.291	0.349	0.407
A/Key	5/32"	3/16"	7/32"	5/16"	5/16"	3/8"	1/2"	9/16"	9/16"
3/8"	B								
1/2"	B	B	B	B					
5/16"									
5/8"									
3/4"	B	B	B	B	B				
7/8"		B							
1"	B	B	B	B	B	B			
1.1/4"		B	B		B	B			
1.1/2"		B	B	B		B			
1.3/4"									
2"				B		B			
2.1/4"									
2.1/2"									
3"									
3.1/2"									
4"									
4.1/2"									
5"									
6"									

EX STOCK: B= BLACK
All dimensions are in inches.

