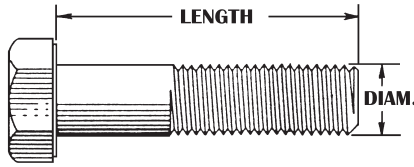


HEX HEAT TREATED SCREWS

Grade 5 Zinc Plated or Black Finish.
Grade 8 Zinc Plated Heat Treated Coarse Hex Screws
COARSE OR FINE THREAD



Look for the Three Marks on the Head for Grade 5
SIZES LISTED BELOW ARE IN STOCK

Grade 5 = Zinc Plated Heat Treated.



Look for the Six Marks on the Head for Grade 8
USE GRADE 5 NUTS or GRADE 8 NUTS FOR STRENGTH

Grade 8 = 4140 Alloy Zinc Plated Heat Treated.

DIMENSION CHART FOR HEX SCREWS

Diameter Inches	Length of Thread Inches* Screws 6 In. & Shorter*	Screws Over 6 Inches Long	Threads to Inch - N.C. (U.S.S.)	Threads to Inch - N.F. (S.A.E.)	Width Across Flats, Inches	Height of Heads, Inches
1/4	3/4	...	20	28	7/16	5/32
5/16	7/8	...	18	24	1/2	13/64
3/8	1	...	16	24	9/16	15/64
7/16	1-1/8	...	14	20	5/8	9/32
1/2	1-1/4	1-1/2	13	20	3/4	5/16
9/16	1-2/8	1-5/8	12	18	13/16	23/64
5/8	1-1/2	1-3/4	11	18	15/16	25/64
3/4	1-2/3	2	10	16	1-1/8	15/32
7/8	2	2-1/24	9	14	1-5/16	35/16
1	2-1/4	2/12	8	14	1-1/2	39/64
1-1/8	2-1/2	2-3/4	7	12	1-11/16	11/16
1-1/4	2-3/4	3	7	12	1-7/8	25/32
1-3/8	3	3-1/4	6	12	2-1/16	27/32
1-1/2	3-1/4	3-1/2	6	12	2-1/4	15/16

HEX HEAT TREATED SCREWS - + = Black

1/4" DIAMETER - Priced Per Piece

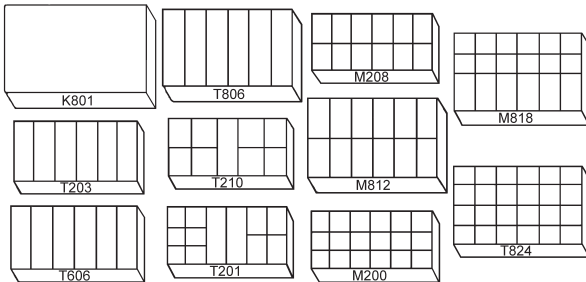
Length Inches	Pkg. Qty.	Grade 5 COARSE HSC5PS	Grade 8 COARSE HSC8PS	Grade 8 FINE HSF8PS
1/2	100	\$0.08	\$0.17	\$0.30
3/4	100	0.06	0.11	0.12
1	100	0.07	0.12	0.09
1-1/4	100	0.08	0.13	...
1-1/2	100	0.09	0.17	...
1-3/4	100	0.18	0.11	...
2	100	0.13	0.23	0.16
2-1/4	100	0.20	0.68	...
2-1/2	100	0.16	0.27	0.58
2-3/4	100	...	0.54	0.62
3	100	0.18	0.31	...
3-1/2	100	0.33	0.73	...
4	100	0.26	0.45	0.67
4-1/2	100	0.31	...	...
5	100	0.47	...	...
5-1/2	100	...	...	...
6	100	0.50	...	...
7	5	0.45	...	...
8	5	0.57	...	...
9	--	...	...	...
10	--	...	...	...

5/16" DIAMETER - Priced Per Piece

Length Inches	Pkg. Qty.	Grade 5 COARSE HSC5PS	Grade 8 COARSE HSC8PS	Grade 8 FINE HSF8PS
1/2	100	\$0.13	\$0.09	\$0.31
3/4	100	0.10	0.16	...
1	100	0.10	0.17	0.15
1-1/4	100	0.12	0.20	0.64
1-1/2	100	0.14	0.24	0.21
1-3/4	100	0.18	0.28	0.62
2	100	0.19	0.31	...
2-1/4	100	0.22	...	...
2-1/2	100	0.23	0.38	0.32
2-3/4	100	0.26	0.27	...
3	100	0.26	0.45	...
3-1/2	50	0.30	0.55	...
4	50	0.36	0.59	1.13
4-1/2	50	0.77	...	...
5	50	0.72	1.59	...
5-1/2	50	0.97	...	...
6	50	0.74	...	...
7	5	0.72	...	...
8	5	0.63	...	...
9	--	...	...	...
10	--	...	...	...

YANKEE HEAVY-DUTY OPAQUE BOXES

Molded of polypropylene, extremely durable, chemical resistant, & withstands boiling & freezing.



Parts Cabinet No.	No. of Compartments	Overall Size, Inches	Price Per Each
K801	1	13-1/8 x 9 x 2-5/16	\$36.70
T203	6	8-1/4 x 4-1/2 x 1-3/8	9.15
T606	6	11 x 6-3/4 x 1-3/4	8.54
T806	6	13-1/8 x 9 x 2-5/16	22.59
T210	9	7 x 3-3/4 x 1-1/4	6.51
T201	12	8-1/4 x 4-1/2 x 1-3/8	6.02
M208	12	8-1/4 x 4-1/2 x 1-3/8	5.55
M812	12	13-1/8 x 9 x 2-5/16	23.47
M200	18	8-1/4 x 4-1/2 x 1-3/8	....
M818	18	13-1/8 x 9 x 2-5/16	23.47
T824	24	13-1/8 x 9 x 2-5/16	22.59

3/8" DIAMETER - Priced Per Piece

Length Inches	Pkg. Qty.	Grade 5 COARSE HSC5PS	Grade 8 COARSE HSC8PS	Grade 8 FINE HSF8PS
1/2	100	\$	\$	\$
3/4	100	0.15	0.38	0.57
1	100	0.15	0.24	0.28
1-1/4	100	0.17	0.28	0.22
1-1/2	100	0.19	0.31	0.75
1-3/4	100	0.23	0.56	1.17
2	100	0.26	0.41	0.54
2-1/4	50	0.29	0.88	0.46
2-1/2	50	0.31	0.51	1.48
2-3/4	50	0.36	0.62	...
3	50	0.37	0.63	0.71
3-1/2	50	0.42	0.74	...
4	50	0.49	0.88	...
4-1/2	50	1.41	0.99	...
5	50	0.61	1.03	...
5-1/2	50	0.72	1.43	...
6	50	0.80	1.39	1.11
7	5	1.46	...	...
8	5	4.15	...	...
9	5	1.77	...	...
10	5	1.50	...	...

7/16" DIAMETER - Priced Per Piece

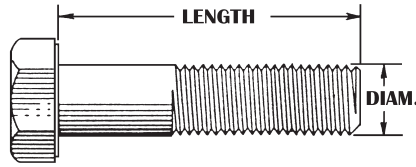
Length Inches	Pkg. Qty.	Grade 5 COARSE HSC5PS	Grade 8 COARSE HSC8PS	Grade 8 FINE HSF8PS
1/2	--	\$	\$	\$
3/4	--	....	....	....
1	100	0.65	0.48	1.36
1-1/4	50	0.35	0.54	0.30
1-1/2	50	0.38	0.58	0.57
1-3/4	50	0.46	0.51	...
2	50	0.48	0.74	0.89
2-1/4	50	....	....	0.53
2-1/2	50	0.60	0.90	0.59
2-3/4	50	....	0.50	0.64
3	50	0.70	1.11	0.96
3-1/2	25	0.80	1.28	1.75
4	25	0.94	1.16	1.66
4-1/2	25	2.15	1.62	....
5	25	1.19	....	....
5-1/2	25	2.70	....	....
6	25	1.51	....	....
7	--	....	....	....
8	--	....	....	....
9	--	....	....	....
10	--	....	....	....

SAME DAY SHIPMENT
PHONE, FAX, OR E-MAIL YOUR ORDER TODAY!

Prices subject to change without notice. **ASK FOR QUANTITY DISCOUNT**

HEX HEAT TREATED SCREWS

Grade 5 Zinc Plated or Black Finish.
Grade 8 Zinc Plated Heat Treated Coarse Hex Screws
COARSE OR FINE THREAD



Look for the Three Marks on the Head for Grade 5
SIZES LISTED BELOW ARE IN STOCK

Grade 5 = Zinc Plated Heat Treated.



Look for the Six Marks on the Head for Grade 8
USE GRADE 5 NUTS or GRADE 8 NUTS FOR STRENGTH

Grade 8 = 4140 Alloy Zinc Plated Heat Treated.

HEX HEAT TREATED SCREWS - + = Black

Length Inches	1/2" DIAMETER - Priced Per Piece			5/8" DIAMETER - Priced Per Piece			9/16" DIAMETER - Priced Per Piece			3/4" DIAMETER - Priced Per Piece		
	Pkg. Qty.	Grade 5 COARSE HSC5PS HSC5BS	Grade 8 COARSE HSC8PS HSC8BS	Grade 8 FINE HSF8PS HSF8BS	Pkg. Qty.	Grade 5 COARSE HSC5PS HSC5BS	Grade 8 COARSE HSC8PS HSC8BS	Grade 8 FINE HSF8PS HSF8BS	Pkg. Qty.	Grade 5 COARSE HSC5PS HSC5BS	Grade 8 COARSE HSC8PS HSC8BS	Grade 8 FINE HSF8PS HSF8BS
1	50	\$0.29	\$0.54	\$0.64	25	\$0.66	\$1.14	\$2.15	25	\$	\$1.12	\$0.77
1-1/4	50	0.34	0.53	0.46	25	0.78	0.99	1.49	25	....	0.39	....
1-1/2	50	0.38	0.60	1.94	25	0.68	1.06	1.44	25	....	1.01	1.04
1-3/4	50	0.42	0.68	....	25	0.77	1.26	1.31	--	....	....	....
2	50	0.47	0.76	1.00	25	0.76	1.28	1.64	25	....	1.21	1.30
2-1/4	50	0.55	0.92	0.88	25	0.89	1.41	....	--	....	....	....
2-1/2	50	0.55	0.90	1.37	25	0.94	1.49	2.06	25	....	1.37	1.63
2-3/4	50	0.68	1.09	0.77	25	1.17	1.92	2.45	--	....	....	....
3	50	0.66	1.06	1.54	25	1.07	1.72	2.37	25	....	3.23	1.48
3-1/4	25	....	....	1.59	25	....	....	1.17	--	....	....	....
3-1/2	25	0.78	1.21	1.02	25	1.26	2.18	3.00	25	....	1.78	1.91
3-3/4	25	....	....	1.07	--	....	....	....	--	....	....	....
4	25	0.86	1.36	3.51	25	1.45	2.20	3.36	25	....	2.65	....
4-1/2	25	0.99	1.72	....	25	1.62	2.44	3.77	25	....	4.79	....
5	25	1.09	1.89	1.78	25	1.77	2.70	3.91	25	....	3.53	....
5-1/2	25	1.22	2.06	....	25	1.90	3.25	3.76	25	....	3.24	....
6	25	1.34	2.35	0.92	25	2.16	3.35	3.45	25	....	....	....
6-1/2	5	....	2.78+	....	5	3.32	4.80+	....	--	....	....	....
7	5	1.84	3.53+	4.86+	5	3.02	4.62+	10.48+	--	....	....	....
7-1/2	5	....	3.76+	....	5	3.34	5.50+	....	--	....	....	....
8	5	2.71	4.16+	10.54+	5	3.61	5.88+	17.26+	--	....	....	....
8-1/2	5	....	3.03+	....	--	....	....	....	--	....	....	....
9	5	3.91+	....	....	5	6.45+	9.86+	14.58+	--	....	....	....
10	5	4.46+	....	....	5	6.94+	11.42+	....	--	....	....	....
12	5	5.45+	....	....	5	8.68+	....	....	--	....	....	....
15	5	....+	....	....	5	....	....	....	--	....	....	....

7/8" DIAMETER - Priced Per Piece

Length Inches	Pkg. Qty.	Grade 5 COARSE HSC5PS HSC5BS	Grade 8 COARSE HSC8PS HSC8BS	Grade 8 FINE HSF8PS HSF8BS
1	--	\$....	\$....	\$....
1-1/4	--	....	....	....
1-1/2	--	....	....	....
1-3/4	--	....	....	....
2	15	2.85	3.87	3.52
2-1/4	15	....	....	5.16
2-1/2	15	3.06	3.56	3.99
2-3/4	15	....	3.91	2.54
3	15	3.41	5.13	10.62
3-1/2	15	3.83	5.48	....
4	15	4.61	9.14	8.00
4-1/2	15	4.08	6.70	19.65
5	15	3.98	7.31	22.43
5-1/2	15	5.68	8.42	4.84
6	15	4.64	8.62	5.67
6-1/2	--	....	....	....
7	5	....	....+	22.74
7-1/2	--	....	....	....
8	5	7.19	11.96+	15.48
9	5	9.63+	16.70+	33.68
10	5	11.10+	14.16+	....
12	--	....	....	....
15	--	....	....	....

1" DIAMETER - Priced Per Piece

Length Inches	Pkg. Qty.	Grade 5 COARSE HSC5PS HSC5BS	Grade 8 COARSE HSC8PS HSC8BS	Grade 8 FINE HSF8PS HSF8BS
2	10	\$3.90	\$5.60	\$9.76
2-1/4	10	....	4.28	10.77
2-1/2	10	3.48	6.38	3.12
2-3/4	10	....	....	....
3	10	5.06	7.26	6.27
3-1/2	10	3.81	8.14	7.42
4	10	4.77	8.57	8.22
4-1/2	10	6.57	8.36	11.74
5	10	5.53	10.25	12.14
5-1/2	10	6.11	12.28	....
6	10	6.57	12.55	13.06
7	5	8.66	14.14+	22.09+
7-1/2	5	11.56	....	....
8	5	9.90	16.18+	32.81+
9	5	11.43+	21.07+	16.02+
10	5	16.32+	26.64+	26.85+

Priced Per Piece

1-1/8" DIAMETER

Length Inches	Pkg. Qty.	Grade 8 COARSE HSC8PS HSC8BS
--	--	\$....
--	--
5	5	2.43+
--	--
5	5	6.92
--	--
5	5	7.43+
--	--
5	5	12.01+
--	--
5	5	13.93+
5	5	12.83+
--	--
5	5	34.58+
--	--
5	5	15.11+

Priced Per Piece

1-1/4" DIAMETER

Length Inches	Pkg. Qty.	Grade 8 COARSE HSC8PS HSC8BS
--	--	\$....
--	--
5	5	9.31+
--	--
5	5	2.76+
--	--
5	5	20.43+
--	--
5	5	23.20+
--	--
5	5	25.21+
5	5	30.55+
--	--
5	5	33.34+
--	--
5	5	52.98+

Hex Screw Dimension Chart located on page A1.

If you don't see what you need - please, give us a call.

We can supply Hex Screws up to 2" x 20"

ASK FOR QUANTITY DISCOUNT

Prices subject to change without notice.

NO. 3 HEAD PLOW SCREWS & SCRAPER BLADE SCREWS

FLATHEAD - DOMEHEAD - CLIPPED HEAD

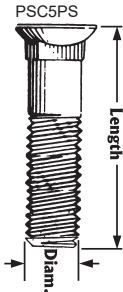
A3

For Bulldozer and Grader Blades

No. 3 Round Head Square Neck - 82 Degrees Countersink - AISI 1035 (SAE Grade 5) High Tensile Steel

GRADE 5 PLOW SCREW - ZINC PLATED and BLACKFLATHEAD - COARSE THREAD

Use Grade 5 Nuts for Strength.



3/8 Grade 5 Plow Screws

Length of Thread: 1-1/8 Inches

Length Inches	Pkg. Qty.	Price Per Piece
1	100	\$0.13
1-1/4	100	0.51
1-1/2	100	0.78
1-3/4	100	0.78
2	100	0.62
2-1/4	--	....
2-1/2	50	0.29
2-3/4	--	....
3	--	....
3-1/2	--	....

7/16 Grade 5 Plow Screws

Length of Thread: 1-1/8 Inches

Pkg. Qty.	Price Per Piece
--	\$....
50	0.47
50	0.56
50	0.63
50	0.69
50	....
50	0.86
50	0.14
50	1.80
--

1/2 Grade 5 Plow Screws

Length of Thread: 1-1/4 Inches

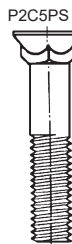
Pkg. Qty.	Price Per Piece
--	\$....
--
50	1.90
--
50	0.95
50	1.06
50	1.11
--
50	1.35
--

5/8 Grade 5 Plow Screws

Length of Thread: 1-1/2 Inches

Pkg. Qty.	Price Per Piece
--	\$....
--
25	1.49
--
25	3.74

GRADE 5 PLOW SCREW WITH BIG HEAD



With 7/16" Diam. Shank & 1/2" Head
With 3/8" Diam. Shank & 7/16" Head
Zinc Plated

Length Inches	Pkg. Qty.	Price Per Piece
1/2" Head 7/16" Shank		
2	50	0.55
2-1/4	50	1.31

GRADE 5 CLIPPED HEAD PLOW SCREWS



For Plow Shares Clipped Head

Model / Make	Size, Inches	Plow Bolts Needed
John Deere	14" & 16"	One 1/2", three 7/16"
John Deere	18"	One 1/2", four 7/16"
IHC	16" & 18"	One 1/2", three 7/16"
Oliver MM	14"	Four 7/16"
Oliver MM	16"	One 1/2", three 7/16"
Oliver MM	18" & 20"	One 1/2", four 7/16"

Length Inches	Pkg. Qty.	Price Per Piece
7/16 x 1-1/4	50	\$0.89
7/16 x 1-1/2	50	0.91
1/2 x 1-1/4	50	1.04
1/2 x 1-1/2	50	0.98

CONTOUR HEAD PLOW SCREW



Grade 5 Plated Plow Screws

Part No. & Size, Inches	Pkg. Qty.	Price Per Piece
3/8 x 1-1/2	100	\$ 0.24

GRADE 8 DOME HEAD SCRAPER BLADE SCREWS

Use Grade 5 Nuts for Strength.



5/8 Grade 8 Plow Screws

Length Inches	Pkg. Qty.	Price Per Piece
2	25	\$1.33
2-1/4	25	1.44
2-1/2	25	1.51
3	25	2.11

3/4 Grade 8 Plow Screws

2	20	\$4.32
2-1/2	20	2.41
3	20	2.99
3-1/2	20	3.70

7/8 Grade 8 Plow Screws

3	15	\$6.00
---	----	---------------



SHEET METAL SCREWS

TORX-HEAD BIT -

T30 Bit has Male Hex Drive. Use T-30 For Torx-Head Trailer Floor Screws.

TORX BIT



Torx Bit Number	Fits Socket Head Cap Screw	Fits Socket Set Screw	Fits Flat Head Cap Screw	Fits Pressure Plug	Price Per Piece
T-30	1/4	3/8	1/4	1/8	\$0.89

TRAILER FLOOR SCREWS

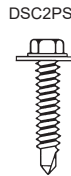
1/4" Torx Drive Flat Head

ORDER DIAMETER NUMBER & LENGTH IN INCHES

Length Inches	Pkg. Qty.	Price Per Each
1/4 x 1-1/2	100	\$0.39
1/4 x 2	100	0.25
1/4 x 2-1/2	100	0.70

DRILL SCREWS -

Zinc Plated - Indented Hex Washer Head Not Slotted



Size x Length Inches	Pkg. Qty.	Price Per Piece	Size x Length Inches	Pkg. Qty.	Price Per Piece
8 x 12	100	\$0.02	12 x 1-1/4	100	\$0.14
10 x 3/4	100	0.07	12 x 1-1/2	100	0.16
10 x 1	100	0.08	1/4 x 3/4	100	0.15
10 x 1-1/2	100	0.10	1/4 x 1	100	0.16
12 x 3/4	100	0.12	1/4 x 1-1/4	100	0.20
12 x 1	100	0.07	1/4 x 1-1/2	100	0.36

Prices subject to change without notice. **ASK FOR QUANTITY DISCOUNT**

1-800-228-9222 / e-mail: sales@baumhydraulics.com

Fax: 1-800-832-2522 / www.baumhydraulics.com / © Baum Hydraulics Corporation

BAUM

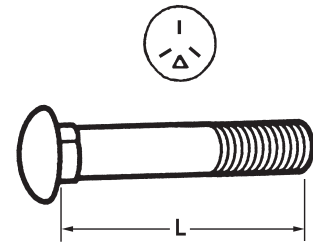
HYDRAULICS
CORPORATION

CARRIAGE & FLANGE SCREWS

DIMENSIONS OF CARRIAGE SCREWS

Diameter, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Length of Thread, Inches*							
Bolts 6 Inches & Shorter*	3/4	7/8	1	1-1/8	1-1/4	1-1/2	1-3/4
Bolts over 6 Inches Long	1	1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2
Threads to Inch N.C.(U.S.S.)	20	18	16	14	13	11	10
Head Diameter, Inches	9/16	11/16	13/16	15/16	1-1/16	1-5/16	1-9/16
Head Height, Inches	1/8	5/32	3/16	7/32	1/4	5/16	3/8
Neck Width Across Flats, Inches	17/64	21/64	25/64	29/64	33/64	41/64	49/64
Neck Height, Inches	5/32	3/16	7/32	1/4	9/32	11/32	13/32
Nut Width Across Flats, Inches	7/16	9/16	5/8	3/4	13/16	1	1-1/8
Nut Thickness, Inches	7/32	17/64	21/64	3/8	7/16	35/64	21/32

*Carriage Screws in lengths too short for this length of thread are threaded up to the neck.



GRADE 5 COARSE (N.C.)

CARRIAGE SCREWS WITHOUT NUTS - Sizes listed below in stock - Diameter, Inches

PLATED - (CSC5PS)

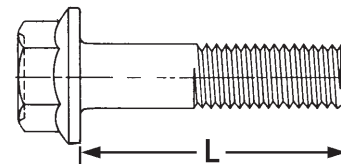
Length, Inches	Pkg. Qty.	1/4" PLATED Price Per Piece	Pkg. Qty.	5/16" PLATED Price Per Piece	Pkg. Qty.	3/8" PLATED Price Per Piece	Pkg. Qty.	7/16" PLATED Price Per Piece	Pkg. Qty.	1/2" PLATED Price Per Piece	Pkg. Qty.	5/8" PLATED Price Per Piece	Pkg. Qty.	3/4" PLATED Price Per Piece
3/4	100	\$0.20	100	\$0.31	100	\$0.23	--	\$....	--	\$....	--	\$....	--	\$....
1	100	0.18	100	0.17	100	0.22	100	0.71	50	0.58	--	....	--	....
1-1/4	100	0.24	100	0.59	100	0.52	50	0.97	50	0.52	--	....	--	....
1-1/2	100	0.31	100	0.43	100	0.29	50	1.07	--	....	--	....	--	....
1-3/4	--	....	--	....	100	0.42	50	0.61	50	0.53	--	....	--	....
2	100	0.33	100	0.58	100	0.35	50	1.34	50	0.65	25	1.14	--	....
2-1/4	--	....	--	....	50	0.15	--	....	--	....	--	....	--	....
2-1/2	100	0.36	100	0.32	50	0.87	50	2.39	50	1.30	25	1.36	--	....
3	--	....	100	0.83	50	1.00	--	....	50	1.17	25	3.21	--	....
3-1/2	--	....	50	0.87	50	1.13	25	0.76	25	1.07	25	3.78	--	....
4	--	....	--	....	50	0.71	--	....	25	2.14	25	3.85	20	2.74
5	--	....	--	....	--	....	--	....	--	....	25	2.23	20	3.65
6	--	....	--	....	--	....	--	....	--	....	--	....	20	7.19

BLACK - (CSC5PS)

Length, Inches	Pkg. Qty.	1/4" BLACK Price Per Piece	Pkg. Qty.	5/16" BLACK Price Per Piece	Pkg. Qty.	3/8" BLACK Price Per Piece	Pkg. Qty.	7/16" BLACK Price Per Piece	Pkg. Qty.	1/2" BLACK Price Per Piece	Pkg. Qty.	5/8" BLACK Price Per Piece	Pkg. Qty.	3/4" BLACK Price Per Piece
1-1/4	--	....	--	....	--	....	--	....	50	0.35	--	....	--	....
1-1/2	100	0.11	--	....	--	....	--	....	--	....	25	4.93	--	....
1-3/4	--	....	--	....	100	0.29	50	0.33	--	....	--	....	--	....
2	--	....	--	....	100	0.27	--	....	--	....	--	....	--	....
2-1/4	--	....	--	....	50	0.29	--	....	--	....	--	....	--	....
2-1/2	--	....	--	....	50	0.32	50	0.45	--	....	25	0.98	20	3.46
3	--	....	100	0.36	--	....	--	....	--	....	--	....	20	2.39
4	--	....	--	....	--	....	--	....	25	....	25	3.85	--	....
6	--	....	--	....	--	....	--	....	--	....	25	3.99	--	....
7	--	....	--	....	--	....	--	....	--	....	5	5.26	--	....

GRADE 8 COARSE HEX FLANGE SCREW -

Length, Inches	Pkg. Qty.	3/8" COARSE Price Per Piece	Pkg. Qty.	1/2" COARSE Price Per Piece	Pkg. Qty.	5/8" COARSE Price Per Piece	Pkg. Qty.	3/4" COARSE Price Per Piece
3	--	--	--	20	3.67



SQUARE HEAD SET SCREWS - (SQC8BS)

Length Inches	Pkg. Qty.	Head Width 1/4" Height 3/16" Price Per Piece	Pkg. Qty.	Head Width 5/16" Height 15/64" Price Per Piece	Pkg. Qty.	Head Width 3/8" Height 9/32" Price Per Piece	Pkg. Qty.	Head Width 7/16" Height 21/64" Price Per Piece	Pkg. Qty.	Head Width 1/2" Height 3/8" Price Per Piece	Pkg. Qty.	Head Width 5/8" Height 15/32" Price Per Piece	Pkg. Qty.	Head Width 3/4" Height 9/16" Price Per Piece
1/2	--	\$....	20	\$0.14	20	\$....	--	\$....	--	\$....	--	\$....	--	\$....
3/4	20	....	20	....	--	....	--	....	20	0.20	--	....	--	....
1	20	....	--	....	--	....	--	....	20	....	--	....	--	....
1-1/4	20	....	20	0.18	--	....	--	....	--	....	--	....	--	....
1-1/2	20	0.18	20	0.19	--	....	20	0.20	--	....	10	....	--	....
2	--	....	20	0.23	20	....	20	0.44	10	....	--	....	--	....
2-1/2	--	....	--	....	--	....	--	....	10	0.66	10	....	5	....
3	--	....	--	....	--	....	--	....	10	....	--	....	--	....

ASK FOR QUANTITY DISCOUNT Prices subject to change without notice.

MACHINERY COIL SPRINGS -

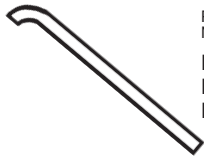
Extension springs of Medium and Heavy Wire for Heavy Duty Use.



Part No. AND Overall Length, Ins.	Pkg. Qty.	Outside Diam. Inches	Wire Gauge	Wt. Lbs.	Price Per Piece
4	5	11/16	12	1/4	\$....
6	5	7/8	11	1/4	5.70
8	5	1-1/16	10	1/2	8.74
10	5	1-1/8	9	3/4	12.16
12	5	1-1/4	8	1-1/4	16.93
14	5	1-3/8	7	1-3/4	23.01
16	5	1-9/16	5	2-3/4	31.98

LOCK WIRES FOR CYLINDER -

Square or round wires sizes - Wire in 12" lengths..



Part Number	Pkg. Qty.	Price Per Piece	Part Number	Pkg. Qty.	Price Per Piece
LWRD 1/8	5	\$5.30	LWSQ 3/32	5	\$0.76
LWRD 3/16	5	9.13	LWSQ 1/8	5	0.95
LWRD 1/16	5	0.56	LWSQ 5/32	5	2.40
			LWSQ 3/16	5	1.23

EXTERNAL HAIR PIN COTTER -

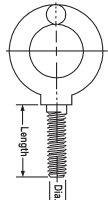
A general purpose snap-on clip made of oil-tempered spring wire.



Cotter Number	Wire Diam.	Eye Diam.	Groove Inches	Overall Length	Pkg. Qty.	Price Per Piece
2-X	1/16	3/16	3/8	1	100	\$0.04
3-X	1/16	1/8	1/4	11/16	100	0.05
4-X	3/64	1/8	1/4	7/8	100	0.03
7-X	7/64	7/16	25/32	2-1/16	100	0.07
8-X	3/64	1/8	3/16	1-5/16	100	0.02
10-X	3/16	3/4	3/4	2-5/8	100	0.83

EYE BOLTS -

All Forged Steel Heat Treated.
Coarse Galvanized Shoulder Type.
For other sizes of Eye Bolts, use Eye Nuts & Redi-Bolt.



SIZE Diam x Length Shank Inches	EYE DIAMETER Inside Diam. Inches	Outside Diam. Inches	Safe Working Load Lbs.	Length of Bolt Thread Inches	Pkg. Qty.	Price Per Piece
1/4 x 2	1/2	15/16	400	1	5	\$....
3/8 x 4-1/2	3/4	1-1/2	1200	1-1/2	5	11.63
1/2 x 6	1	1-15/16	2100	2	5	14.63
5/8 x 6	1-3/8	2-1/2	3200	2-1/2	5	20.32
3/4 x 6	1-1/2	3	4500	3	5	21.18

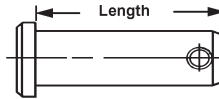
L TYPE SOCKET HEAD WRENCH -

Short Arm Series (HX SS WR ST) and Long Arm Series (HX SS WR LG)



Size Width Across Flats in Inches	Pkg. Qty.	SHORT Series Per Piece	LONG Series Per Piece
5/64	5	\$0.05	\$0.08
3/32	5	0.05	0.06
1/8	5	0.06	0.15
9/64	5	0.16	....
5/32	5	0.10	0.21
3/16	5	0.17	0.35
7/32	5	0.16	0.31
1/4	5	0.23	0.42
5/16	5	0.41	1.31
3/8	5	0.67	1.98
1/2	2	4.15	3.32
9/16	2	....	3.35
3/4	2	5.68	12.98

CORN PICKER PINS AND GENERAL PURPOSE PINS -



COTTERS TO FIT CORN PICKER PINS
For 1/4" diam. use 3/32" cotters.
For 5/16" to 3/4" diam. use 1/8" cotters.

Size Inches	Pkg. Qty.	Priced Per Piece	Size Inches	Pkg. Qty.	Priced Per Piece
1/4 x 1	25	\$0.17	3/8 x 2	25	\$0.62
1/4 x 1-1/4	25	0.27	3/8 x 2-1/4	25	0.66
1/4 x 1-3/8	25	0.13	3/8 x 2-1/2	25	0.77
1/4 x 1-1/2	25	0.22	3/8 x 2-3/4	25	0.39
1/4 x 1-3/4	25	0.38	3/8 x 3	25	0.85
1/4 x 2	25	0.26	7/16 x 1	25	0.22
1/4 x 2-1/4	25	0.28	7/16 x 1-1/4	25	0.58
1/4 x 2-1/2	25	0.44	7/16 x 1-1/2	25	0.55
1/4 x 3	25	0.34	7/16 x 1-3/4	25	0.59
5/16 x 1	25	0.23	7/16 x 2	25	0.93
5/16 x 1-1/4	25	0.35	7/16 x 2-1/4	25	0.74
5/16 x 1-1/2	25	0.30	7/16 x 2-1/2	25	1.10
5/16 x 1-3/4	25	0.47	7/16 x 3-1/2	25	1.48
5/16 x 2	25	0.52	1/2 x 1	25	1.03
5/16 x 2-1/4	25	0.60	1/2 x 1-1/4	25	0.69
5/16 x 2-1/2	25	0.44	1/2 x 1-1/2	25	0.93
5/16 x 2-3/4	25	0.71	1/2 x 2	25	1.12
5/16 x 3	25	0.78	1/2 x 2-1/4	25	0.84
3/8 x 1	25	0.38	1/2 x 2-1/2	25	1.43
3/8 x 1-1/4	25	0.47	1/2 x 3	25	1.48
3/8 x 1-1/2	25	0.48	5/8 x 1-1/4	25	1.06
3/8 x 1-3/4	25	0.61	5/8 x 1-1/2	25	1.07
3/8 x 1-7/8	25	0.66	5/8 x 2	25	2.02
			5/8 x 2-1/2	25	1.59

REDI-BOLT COUPLERS -

Zinc Plated Steel-Coarse 'N.C.' Threads. Used to join lengths of threaded rod end to end



SHORT LENGTHS - RBC2PCS

Thd. Size. Inches	Length, Inches	Width Across Flats, Ins.	Pkg. Qty.	Price Per Piece
1/4 ROD	7/8	3/8	50	\$
5/16 ROD	1	7/16	50	....
3/8 ROD	1-1/8	1/2	50	....
7/16 ROD	1-1/4	9/16	50	0.99
1/2 ROD	1-1/4	5/8	50	....

LONG LENGTHS - RBC2PCR

Thd. Size. Inches	Length, Inches	Width Across Flats, Ins.	Pkg. Qty.	Price Per Piece
5/16 ROD	1-3/4	5/8	50	\$
3/8 ROD	1-3/4	5/8	50	3.65
7/16 ROD	1-3/4	5/8	50	1.28
1/2 ROD	1-3/4	11/16	50	....
5/8 ROD	2-1/8	13/16	20	....
3/4 ROD	2-1/4	1	10	....
7/8 ROD	2-1/2	1-1/4	10	7.61
1 ROD	2-3/4	1-3/8	10	....

Prices subject to change without notice. **ASK FOR QUANTITY DISCOUNT**

1-800-228-9222 / e-mail: sales@baumhydraulics.com
Fax: 1-800-832-2522 / www.baumhydraulics.com / © Baum Hydraulics Corporation

BAUM HYDRAULICS CORPORATION

REDI-BOLT THREADED STEEL RODS -

Cut Special Bolts or Rods to Exact Length Needed. Can be Heated and Bent to Any Shape. High-strength, cold-drawn steel rods threaded the full length for use in making long or irregularly-shaped bolts. Can be cut to size or used full length as straight bolts; heated and bent into U-bolts, L-bolts, eyebolts, braces and angle rods. Hard & tough, twice as strong as ordinary steel.

*** How to order:**

Diameter - Thread X Length in inches
EG; 1/4-20 X 72

**GRADE 2 REGULAR OIL FINISH
RUST-RESISTANT FINISH
COARSE THREAD - 3 & 6 Ft. Lengths**

Diam. Inches	Pkg. Qty./Bndl.	3 FT. RBC2B3B		6 FT. RBC2B6B	
		Price Per Piece	Seq. #	Price Per Piece	Seq. #
1/4	5	\$1.33	009920	\$2.03	010816
5/16	5	1.67	009984	3.33	010880
3/8	5	3.70	010048	6.86	010944
7/16	5	5.59	010112	8.33	011008
1/2	5	6.74	010176	13.50	011072
9/16	--	....	....	....	....
5/8	3	10.76	010304	18.38	011136
3/4	1	15.81	010368	27.10	011200
7/8	1	24.08	010432	44.10	011264
1	1	31.36	010496	57.16	011328
1-1/8	1	43.62	010560	86.83	011392
1-1/4	1	58.34	010624	110.15	011456
1-3/8	1	37.95	010626	86.72	011458
1-1/2	1	84.03	010752	104.80	011584

**GRADE 2
ZINC PLATED FINISH
COARSE THREAD - 3 & 6 Ft. Lengths**

Diam. Inches	Pkg. Qty./Bndl.	3 FT. RBC2P3B		6 FT. RBC2P6B	
		Price Per Piece	Seq. #	Price Per Piece	Seq. #
1/4	5	\$1.84	012928	\$3.19	013504
5/16	5	3.66	012992	4.76	013568
3/8	5	3.40	013056	8.65	013632
7/16	5	6.38	013120	9.75	013696
1/2	5	7.59	013184	15.19	013760
9/16	5	7.63	013240	....	....
5/8	3	12.46	013248	18.21	013824
3/4	1	14.42	013312	26.45	013888
7/8	1	21.63	013376	42.03	013952
1	1	28.31	013440	52.99	014016
1-1/8	1	42.53	013446	....	....
1-1/4	1	41.76	013448	....	014022
1-3/8	1	....	....	....	....
1-1/2	1	75.48	013450	148.96	014024

**GRADE 8 ALLOY PLATED FINISH - B7
COARSE THREAD - 3 & 6 Ft. Lengths**

Diam. Inches	Pkg. Qty./Bndl.	3 FT. RBC8B3B		6 FT. RBC8B6B	
		Price Per Piece	Seq. #	Price Per Piece	Seq. #
1/4	--	\$....	....	\$....	....
3/8	5	31.12	015942	62.24	015955
7/16	5	29.79	015943	28.55	015957
1/2	5	26.75	015944	66.80	015960
9/16	3	25.27	0159441	40.79	0159601
5/8	3	35.25	015945	70.49	015961
3/4	1	47.58	015946	95.17	015962
7/8	1	75.07	015947	126.50	015963
1	1	81.81	015948	163.71	015964
1-1/8	1	73.42	015949	....	015965
1-1/4	1	....	....	219.72	015966
1-1/2	1	142.75	015951	285.51	015967

**GRADE 8 ALLOY PLATED FINISH - B7
FINE THREAD - 3 & 6 Ft. Lengths**

Diam. Inches	Pkg. Qty./Bndl.	3 FT. RBF8P3B		6 FT. RBC2P6B	
		Price Per Piece	Seq. #	Price Per Piece	Seq. #
1/4	--	\$....	....	\$....	....
3/8	5	....	....	....	....
7/16	5	....	....	....	....
1/2	5	....	....	....	....
9/16	3	25.27	015975	....	....
5/8	--	....	....	....	....
3/4	--	....	....	....	....
7/8	1	....	....	....	....
1	1	....	....	....	....
1-1/8	--	....	....	....	....
1-1/4	--	....	....	....	....
1-1/2	--	....	....	....	....

**GRADE 8 ALLOY BLACK FINISH - B7
COARSE THREAD - 3 & 6 Ft. Lengths**

Diam. Inches	Pkg. Qty./Bndl.	3 FT. RBC8B3B		6 FT. RBC8B6B	
		Price Per Piece	Seq. #	Price Per Piece	Seq. #
3/8	5	\$20.45	016100	\$40.90	016120
7/16	5	10.64	016102	45.49	016122
1/2	5	....	....	42.91	016124
9/16	3	27.58	016105	29.44	016125
5/8	3	41.97	016106	83.94	016126
3/4	1	39.75	016108	74.89	016128
7/8	1	54.18	016110	108.35	016130
1	1	....	....	134.92	016132
1-1/8	1	130.07	016114	77.14	016134
1-1/4	1	110.42	016116	220.84	016136
1-1/2	1	70.76	016118	147.72	016138

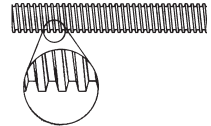
**GRADE 8 ALLOY BLACK FINISH - B7
FINE THREAD - 3 & 6 Ft. Lengths**

Diam. Inches	Pkg. Qty./Bndl.	3 FT. RBF8P3B		6 FT. RBC2P6B	
		Price Per Piece	Seq. #	Price Per Piece	Seq. #
3/8	5	\$....	....	\$....	....
7/16	5	25.54	016202	30.15	016236
1/2	5	52.22	016204	96.11	016238
9/16	3	25.27	016205	50.54	016240
5/8	3	57.46	016206	44.87	016242
3/4	1	....	....	115.76	016244
7/8	1	....	....	137.79	016246
1	1	....	....	....	....
1-1/8	1	47.44	016214	122.36	016250
1-1/4	1	....	....	279.83	016252
1-1/2	1	....	....	210.14	016254



**ACME RIGHT HAND
THREADED ROD -**

3 & 6 Ft. Lengths
RBA2B6



MOST COMMON THREAD PITCHES

Diam. Inches	Threads to Inch	Width Across Flats	Pkg. Qty.	3 Ft. Price Per Piece	6 Ft. Price Per Piece
1/2	10	7/8	1	\$16.34	\$32.70
5/8	8	1-1/16	1	23.39	49.96
3/4	6	1-1/4	1	29.74	59.49
7/8	6	1-7/16	1	37.82	83.22
1	5	1-5/8	1	53.98	107.97
1-1/8	5	1-13/16	1	100.93	201.83
1-1/4	5	2	1	91.05	182.09
1-1/2	4	2-3/8	1	128.22	256.44

**ACME RIGHT HAND
HEX NUTS -**

Not Plated-Weldable
RBA2B3



MOST COMMON THREAD PITCHES

Diam. Inches	Threads to Inch	Full Width Across Flats	Pkg. Qty.	Price Per Piece
1/2	10	7/8	10	\$5.11
5/8	8	1-1/16	5	5.79
3/4	6	1-1/4	5	7.86
7/8	6	1-7/16	5	10.21
1	5	1-5/8	5	12.82
1-1/8	5	1-13/16	3	16.10
1-1/4	5	2	3	18.39
1-1/2	4	2-3/8	3	29.41

ASK FOR QUANTITY DISCOUNT

Prices subject to change without notice.

HEX NUTS

Zinc Plated With Nylon Insert - Coarse (N.C.) & Fine (N.F.) Threads

A7

ELASTIC STOP NUTS

Grade 2 - Coarse & Fine -



Nut Size Inches	Coarse Thrds Per Inch	Fine Thrds Per Inch	Pkg. Qty.
1/4	20	28	100
5/16	18	24	100
3/8	16	24	100
7/16	14	20	50
1/2	13	20	50
9/16	12	18	25
5/8	11	18	25
3/4	10	16	20
7/8	9	14	15
1	8	14	10

Coarse ESC2PS Price Per Piece	Fine ESF2PS Price Per Piece	Width Across Flats Inches	Thickness Inches
\$0.05	\$0.04	7/16	5/16
0.10	0.07	1/2	11/32
0.10	0.15	9/16	29/64
0.20	0.15	5/8	29/64
0.23	0.41	3/4	19/32
0.78	1.30	7/8	41/64
0.49	1.08	15/16	3/4
0.85	0.89	1-1/16	7/8
....	2.34	1-1/4	63/64
2.69	5.31	1-3/16	1-3/64

THIN ELASTIC STOP NUTS

Grade 2 - Coarse & Fine -



Coarse ETC2PS Price Per Piece	Fine ETF2PS Price Per Piece	Width Across Flats Inches	Thickness Inches
\$0.09	\$0.14	7/16	13/64
0.10	0.03	1/2	1/4
0.14	0.14	9/16	17/64
....	....	5/8	--
0.44	0.10	3/4	5/16
....	....	7/8	--
1.24	0.92	15/16	25/64
1.19	1.39	1-1/16	13/32
....	....	1-1/4	--
....	....	1-3/16	--

OVALOK LOCK NUTS

Grade 8 - Coarse & Fine -



Nut Size Inches	Coarse Thrds Per Inch	Fine Thrds Per Inch	Pkg. Qty.
1/4	20	28	100
5/16	18	24	100
3/8	16	24	100
7/16	14	20	50
1/2	13	20	50
9/16	12	18	25
5/8	11	18	25
3/4	10	16	20
7/8	9	14	15
1	8	14	10

Coarse OVC8PS Price Per Piece	Fine OVF8PS Price Per Piece	Width Across Flats Inches	Thickness Inches
\$0.05	\$0.07	7/16	7/32
0.06	....	1/2	17/64
0.08	0.16	9/16	21/64
0.20	0.17	11/16	3/8
0.16	0.52	3/4	7/16
0.47	0.62	7/8	31/64
0.34	0.43	15/16	35/64
0.51	0.62	1-1/8	41/64
1.13	1.62	1-5/16	3/4
1.70	....	1-1/2	55/64

FLANGE NUTS SERRATED - PLATED

Grade 5 - Coarse -



Coarse SRCPS Price Per Piece	Fine Not Available	Width Across Flats Inches	Thickness Inches
\$0.04	...	15/64	37/64
0.05	...	9/32	43/64
0.08	...	11/32	3/4
0.19	...	25/64	15/16
0.19	...	7/16	11/64
....	--	--
0.38	...	5/8	1-1/2
1.03	...	9/16	1-1/4
....	--	--
....	--	--

SLOTTED NUTS

Coarse & Fine -



Nut Size Inches	Coarse Thrds Per Inch	Fine Thrds Per Inch	Pkg. Qty.
1/4	20	28	100
5/16	18	24	100
3/8	16	24	100
7/16	14	20	50
1/2	13	20	50
5/8	11	18	25
3/4	10	16	20
7/8	9	14	15
1	8	14	10
1-1/8	7	12	5
1-1/4	7	12	5

Coarse SNC2BS Price Per Piece	Fine SNF2BS Price Per Piece	Width Across Flats Inches	Thickness Inches
\$....	\$0.11	7/16	7/32
0.12	0.12	1/2	17/64
0.23	0.23	9/16	21/64
0.33	0.17	11/16	--
0.38	0.63	3/4	7/16
0.61	5.39	15/16	35/64
0.79	5.39	1-1/8	41/64
3.89	8.65	1-5/16	3/4
3.41	14.51	1-1/2	55/64
3.21	....	1-11/16	31/32
13.39	5.07	1-7/8	1-1/16

HEX JAM NUTS - PLATED

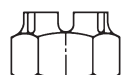
Coarse & Fine -



+ = Black

Coarse JNC2BS Price Per Piece	Fine JNF2BS Price Per Piece	Width Across Flats Inches	Thickness Inches
\$....	\$0.05	7/16	5/32
0.02	0.03	1/2	3/16
0.06	....	9/16	7/32
0.09	0.05	11/16	1/4
0.12	0.16	3/4	5/16
0.43	0.43	15/16	3/8
0.92	0.71	1-1/8	27/64
1.08+	0.48+	1-5/16	31/64
1.66+	1.30+	1-1/2	35/64
....	4.43+	1-11/16	--
2.67+	6.52+	1-7/8	--

FINE CASTLE NUTS



Nut Size Inches	Pkg. Qty.
No. 10-24	....
1/4	....
5/16	100
3/8	100
7/16	50
1/2	50
7/8	15

Coarse Not Available	Fine CNF8BS Price Per Piece	Width Across Flats Inches	Thickness Inches
\$....	\$....	3/8	--
....	7/16	--
....	0.16	1/2	21/64
....	9/16	13/32
....	11/16	--
....	0.36	3/4	9/16
....	1-1/4	--

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A8

HEX NUTS

Grade 2, 5 and 8 Hex Nuts



COARSE THREAD PLATED

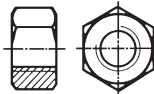
Grade 5 & 8 -
+ = Black

Nut Size Inches	Pkg. Qty.	Coarse Threads To Inch	GRADE 5 Price Per Piece	GRADE 8 Price Per Piece
1/4	100	20	\$0.03	\$0.03
5/16	100	18	0.04	0.06
3/8	100	16	0.05	0.08
7/16	50	14	0.14	0.17
1/2	50	13	0.12	0.17
9/16	25	12	0.35	0.37
5/8	25	11	0.23	0.33
3/4	20	10	0.37	0.55
7/8	15	9	0.74	1.02
1	10	8	1.17	3.21
1-1/8	5	7	2.16+	3.15+
1-1/4	5	7	3.63+	4.05+
1-3/8	5	6		
1-1/2	5	6	9.98+	10.78+

FINE THREAD PLATED

Grade 5 & 8 -
+ = Black

Fine Threads To Inch	GRADE 5 Price Per Piece	GRADE 8 Price Per Piece
28	\$0.09	\$0.13
24	0.12	0.03
24	0.08	0.26
20	0.32	0.49
20	0.17	0.25
18	0.73	1.07
18	0.20	0.49
16	0.52	0.80
14	3.27	2.49
14	3.40	1.85
12	....	4.15+
12	....	9.97+
12	....	11.95+
12	....	8.57+



HEAVY COARSE

Grade 2 Plain Hex Nuts -

Nut Size Inches	Pkg. Qty.	Coarse Threads To Inch	GRADE 2 Price Per Piece	Width Across Flats Inches	Thickness Inches
1/4	100	20	....	1/2	15/64
5/16	100	18	....	9/16	19/64
3/8	100	16	0.11	11/16	23/64
7/16	50	....	....	....	....
1/2	50	....	....	....	....
5/8	25	13	0.34	7/8	31/64
3/4	20	11	0.75	1-1/16	39/64
7/8	15	....	....	....	....
1	10	10	....	1-1/4	47/64
1-1/8	5	9	....	1-7/16	55/64
1-1/4	5	8	....	1-5/8	63/64

LEFT HAND HEX NUTS

Coarse and Fine -

Coarse Threads To Inch	Fine Threads To Inch	Coarse Price Per Piece	Fine Price Per Piece
20	28	\$0.12	\$0.09
18	24	0.14	0.11
16	24	0.23	0.25
14	20	0.18	0.33
13	20	0.89	0.44
11	18	1.25	....
10	16	1.81	1.88
9	14	5.09	2.92
8	14	5.32	3.81
7	12	9.61	....
7	12	....	....

MACHINERY BUSHINGS

Specify Hole Size and Gauge When Ordering

250 Machinery Bushing Assortment is one bundle of each size starred In Poly Bags of 10 of a Size and Gauge



NARROW RIM

Hole Size Inches	Outside Diam. Inches	Our Sequence Number	Thin 18 Gauge 1/32 Inch	Our Sequence Number	Regular 14 Gauge 1/16 Inch	Our Sequence Number	Thick 10 Gauge 1/8 Inch
1/2 ID	--	777700	\$0.04	777720	\$0.09		\$....
9/16 ID	15/16	776920	0.05	777722	0.11		....
5/8 ID	1	776930	0.08*	777724	0.10		....
3/4 ID	1-1/4	776940	0.13*	777020	0.16*	777170	0.25*
7/8 ID	1-3/8	776950	0.14*	777030	0.19*	777180	0.31
1 ID	1-1/2	776960	0.16*	777040	0.21*	777190	0.33*
1-1/8 ID	1-3/4	776970	0.22*	777060	0.31*	777200	0.48*
1-1/4 ID	1-7/8	776980	0.23*	777065	0.32*	777210	0.55*
1-3/8 ID	2-1/8	776990	0.31*	777070	0.40*	777220	0.69
1-1/2 ID	2-1/4	777000	0.31*	777080	0.43*	777230	0.79
1-5/8 ID	2-3/8	777702	0.35	777090	0.45	777735	0.83
1-3/4 ID	2-1/2	777010	0.39	777100	0.51	777240	0.83
1-7/8 ID	2-7/8		....	777110	0.86	777250	1.31
2 ID	3	777704	0.66	777120	0.81	777260	1.48
2-1/8 ID	3-1/8	777706	1.04	777130	0.95	777270	1.45
2-1/4 ID	3-1/4		....	777140	0.94	777280	2.28
2-3/8 ID	3-3/8		....	777150	0.98		....
2-1/2 ID	3-1/2		....	777160	0.96	777283	1.77
2-3/4 ID	--		....		....		....
3 ID	4		....		....		....

WIDE RIM

Hole Size Inches	Outside Diam. Inches	Our Sequence Number	Thin 18 Gauge 1/32 Inch	Our Sequence Number	Regular 14 Gauge 1/16 Inch	Our Sequence Number	Thick 10 Gauge 1/8 Inch
1/2 ID	--		\$....		\$....		\$....
9/16 ID	--		....		....		....
5/8 ID	--	777760	0.15	777780	0.21		....
3/4 ID	1-1/2	777290	0.20*	777782	0.30	777828	0.45
7/8 ID	1-3/4	777300	0.50*	777784	0.38	777830	0.62
1 ID	2	777310	0.35*	777786	0.47	777832	0.75
1-1/8 ID	2-1/8	777320	0.38*	777788	0.51	777834	0.95
1-1/4 ID	2-1/4	777330	0.39*	777790	0.54	777836	1.02
1-3/8 ID	2-1/2	777340	0.56	777792	0.67	777838	1.77
1-1/2 ID	3	777350	0.88	777794	1.21	777840	1.68
1-5/8 ID	3-1/8	777360	1.65	777796	1.28	777842	1.41
1-3/4 ID	3-1/4	777370	2.01	777798	1.35	777844	2.17
1-7/8 ID	3-3/8	777380	0.57	777800	2.52	777846	2.28
2 ID	3-1/2	777390	1.50	777802	1.48	777848	2.39
2-1/8 ID	3-5/8	777400	0.62	777804	2.31	777850	2.25
2-1/4 ID	3-3/4	777410	0.64	777806	1.58	777852	3.89
2-3/8 ID	--		....		....		....
2-1/2 ID	3-7/8	777420	1.13	777808	1.57	777854	2.54
2-3/4 ID	47	777764	1.53	777809	1.37	777855	3.42
3 ID	4-1/4	777767	1.64	777810	2.27	777856	2.62

ASK FOR QUANTITY DISCOUNT Prices subject to change without notice.

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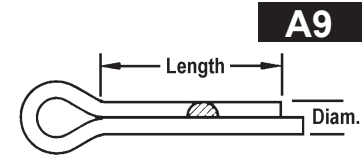
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COTTER PINS

Steel "Efficiency" Point Extended.

Length is measured from under the eye to tip of point.
These pins are easy to insert, and the points are close together and well tapered. Will spread easily and hold.



EFFICIENCY COTTER PINS - Package Qty = 100



COTTER PIN ASSORTMENTS

50AG Asst. - \$7.01
contains 50 assorted sizes from
3/32" x 3/4" thru 5/16" x 2-1/2"

100AG Asst. - \$23.68
contains 100 assorted sizes from
3/32" x 3/4" thru 5/16" x 2-1/2"

Ideal Asst. - \$2.16
contains 100 assorted sizes from
1/16" x 1/2" thru 5/32" x 1-1/2"

Diam. x Length	Price Per Piece	Diam. x Length	Price Per Piece	Diam. x Length	Price Per Piece	Diam. x Length	Price Per Piece
1/16 x 1/2	\$0.02	7/64 x 1-1/2	\$0.04	3/16 x 1-1/4	\$0.07	1/4 x 4	\$0.27
1/16 x 3/4	0.06	7/64 x 1-3/4	0.03	3/16 x 1-1/2	0.15	5/16 x 1-1/2	0.26
1/16 x 1	0.03	7/64 x 2	0.03	3/16 x 1-3/4	0.13	5/16 x 2	0.44
1/16 x 1-1/4	0.01	1/8 x 3/4	0.02	3/16 x 2	0.18	5/16 x 2-1/2	0.47
1/16 x 1-1/2	0.08	1/8 x 1	0.08	3/16 x 2-1/2	0.18	5/16 x 3	0.57
5/64 x 1/2	0.02	1/8 x 1-1/4	0.04	3/16 x 3	0.24	5/16 x 3-1/2	....
5/64 x 1	0.02	1/8 x 1-1/2	0.09	3/16 x 3-1/2	0.13	5/16 x 4	0.69
5/64 x 1-1/4	0.08	1/8 x 1-3/4	0.10	3/16 x 4	0.11	3/8 x 1-1/2	0.19
5/64 x 1-1/2	0.03	1/8 x 2	0.10	1/4 x 1	0.13	3/8 x 2	0.50
3/32 x 1/2	0.02	1/8 x 2-1/2	0.10	1/4 x 1-1/4	0.15	3/8 x 2-1/2	0.58
3/32 x 3/4	0.05	1/8 x 3	0.12	1/4 x 1-1/2	0.23	3/8 x 3	0.79
3/32 x 1	0.06	5/32 x 1	0.04	1/4 x 1-3/4	0.26	3/8 x 3-1/2	0.89
3/32 x 1-1/4	0.02	5/32 x 1-1/4	0.08	1/4 x 2	0.28	3/8 x 4	0.83
3/32 x 1-1/2	0.07	5/32 x 1-1/2	0.12	1/4 x 2-1/4	0.25	3/8 x 5	1.22
3/32 x 1-3/4	0.03	5/32 x 2	0.13	1/4 x 2-1/2	0.32	1/2 x 3	0.96
3/32 x 2	0.09	5/32 x 2-1/2	0.16	1/4 x 2-3/4	....	1/2 x 4	1.92
7/64 x 1	0.08	5/32 x 3	0.16	1/4 x 3	0.37	1/2 x 6	1.68
7/64 x 1-1/4	0.04	3/16 x 1	0.06	1/4 x 3-1/2	0.24		

HAMMERLOCK COTTER PINS

HAMCOTS -
Package Qty = 100



Diam. x Length	Price Per Piece	Diam. x Length	Price Per Piece	Diam. x Length	Price Per Piece
1/16 x 1/2	\$0.02	7/64 x 1	\$0.02	5/32 x 1-1/2	\$0.13
1/16 x 3/4	0.02	7/64 x 1-1/2	0.02	5/32 x 2	0.11
1/16 x 1	0.02	1/8 x 3/4	0.02	3/16 x 1	0.04
1/16 x 2	0.01	1/8 x 1	0.10	3/16 x 1-1/4	0.04
1/16 x 2-1/2	....	1/8 x 1-1/4	0.03	3/16 x 1-1/2	....
5/64 x 1/2	0.01	1/8 x 1-1/2	0.07	3/16 x 2	0.22
5/64 x 1	0.02	1/8 x 1-3/4	....	3/16 x 2-1/2	0.18
5/64 x 1-1/2	0.02	1/8 x 2	0.08	3/16 x 3	....
3/32 x 3/4	0.01	1/8 x 2-1/2	0.06	1/4 x 1-1/2	....
3/32 x 1	0.07	1/8 x 3	0.02	1/4 x 2	0.23
3/32 x 1-1/4	0.02	5/32 x 1	0.04	1/4 x 2-1/2	1.83
3/32 x 1-1/2	0.03	5/32 x 1-1/4	0.08	1/4 x 3	0.21
3/32 x 2	0.17				

HAIR PIN COTTER -

Cadmium Plated Oil Tempered Spring
Steel Wire. HARPINS -



Cotter Number	Pkg. Qty.	Wire Diam. Inches	Length Overall Inches	Inside Diam. Eye, Ins.	Price Per Piece
3	20	3/32	1-5/8	5/16	\$0.10
6	20	3/16	3-1/4	7/8	0.83
8	20	3/16	3-3/4	7/8	0.88
9	20	5/32	3-5/16	3/4	0.54
10	20	5/32	2-15/16	3/4	0.51
11	20	1/8	2-9/16	7/16	0.36
13	20	3/32	1-3/16	1/4	0.10
14	20	3/32	2-1/2	7/16	0.25
16	20	1/8	1-3/4	7/16	0.28
18	20	1/16	1-9/16	5/16	0.18
20	10	5/16	3-15/16	7/8	4.31

HAIR PIN ASSORTMENTS -

HPC-15 Asst. - \$19.29

Contains 15 assorted sizes: 3 - # 3 Pins, 4 - # 6 Pins, 4 - # 10 Pins, 4 - # 11 Pins



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BAUM HYDRAULICS
CORPORATION

STANDARD FLAT STEEL WASHERS

U.S.S. Standard Sizes - Order by Bolt Size
 Sizes and types can be combined for quantity discount.

LOCK WASHERS - Standard Steel Grade 5 Zinc & Grade 8 Gold Plated

+ = Black



Bolt Size Ins.	Grade 5 - Zinc Plated		Grade 8 - Gold Plated		Approx. Dimen. Width x Thickness Inches x Inches
	Pkg. Qty.	LKW5PB Price Per Piece.	Pkg. Qty.	LKW8PS Price Per Piece	
5/32	--	\$....	--	\$....	.055 x .040
3/16	--	....	--	....	.062 x .047
1/4	100	0.02	100	0.03	.109 x .062
5/16	100	0.06	100	0.05	.125 x .078
3/8	100	0.03	100	0.08	.141 x .094
7/16	100	0.14	100	0.13	.156 x .109
1/2	100	0.05	100	0.07	.171 x .125
9/16	40	0.06	25	0.12	.188 x .141
5/8	40	0.11	25	0.15	.203 x .156
3/4	40	0.17	20	0.27	.234 x .188
7/8	40	0.31	15	....	.266 x .219
1	40	0.44	10	0.89	.297 x .250
1-1/8	10	1.96+	--	....	.328 x .281
1-1/4	10	0.98+	--	....	.359 x .312
1-3/8	10	0.43+	--	....	.391 x .344
1-1/2	10	....+	--	....	.422 x .375

FLAT WASHERS - GRADE 2

Standard Steel -

+ = Black



Bolt Size Ins.	Pkg. Qty.	Grade 2 FLW2PS Price Per Piece	Approx. Dimensions		
			O.D. Inches	Hole Size Inches	Thick-ness Inches
3/16	100	\$....	9/16	1/4	3/64
1/4	100	0.05	3/4	5/16	1/16
5/16	100	0.08	7/8	3/8	5/64
3/8	100	0.08	1	7/16	5/64
7/16	100	0.20	1-1/4	1/2	5/64
1/2	100	0.21	1-3/8	9/16	7/64
9/16	50	0.32	1-1/2	5/8	7/64
5/8	50	0.46	1-3/4	11/16	9/64
3/4	50	0.70	2	13/16	5/32
7/8	50	1.11	2-1/4	15/16	11/64
1	50	1.24	2-1/2	1-1/16	11/64
1-1/8	25	1.46+	2-3/4	1-1/4	11/64
1-1/4	25	2.09+	3	1-3/8	11/64
1-3/8	25	3.33+	3-1/4	1-1/2	3/16
1-1/2	25	3.04+	3-1/2	1-5/8	3/16
1-3/4	10	3.96+	4	1-7/8	3/16
2	10	5.33+	4-1/2	2-1/8	3/16
2-1/2	10	....+	5	2-5/8	15/64

SAE IN GRADE 5 & GRADE 8 FLAT WASHERS -



Bolt Size Ins.	Pkg. Qty.	Grade 5		Grade 8		Approx. Dimen.	
		FLS5PS Price Per Piece.	FLS8PS Price Per Piece	O.D. Inches	Size Inches	Thick-ness Inches	
5/32	100	\$0.01	\$....	7/16	3/16	3/64	
3/16	100	0.08	....	1/2	7/32	3/64
1/4	100	....	0.07	5/8	9/32	1/16
5/16	100	....	0.08	11/16	11/32	1/16
3/8	100	....	0.07	13/16	13/32	1/16
7/16	100	....	0.18	59/64	15/32	1/16
1/2	100	....	0.22	1-1/16	17/32	3/32
9/16	--	....	....	--	--	--
5/8	25	....	0.37	1-5/16	11/16	3/32
3/4	20	....	0.87	1-1/2	13/16	9/64
7/8	15	....	0.76	1-3/4	15/16	9/64
1	10	....	1.06	2	1-1/8	9/64

HEAVY DUTY NARROW RIM HARDENED FLAT WASHERS -

Grade 8



Bolt Size Ins.	Pkg. Qty.	Commercial Number	Price Per Piece	O.D. Inches	Size Inches	Thick-ness Inches
1/2	100	391-3784-027	\$....	1-1/4	33/64	3/16
9/16	50	391-3782-146	....	1-3/16	19/32	3/16
5/8	50	391-3784-028	1.36	1-1/4	21/32	3/16

FENDER WASHERS ZINC PLATED - Order By Bolt Size

A light gauge steel washer with a large outside diameter used principally for fender and body repair work, wood construction and assembly.



Bolt Size Ins.	Pkg. Qty.	Price Per Piece	O.D. Inches	Size Inches	Thick-ness Inches
NARROW RIM FENDER WASHERS - FLF2PNS					
1/4	100	\$....	1-1/4	9/32	1/16
5/16	100	....	1-1/4	11/32	1/16
3/8	100	0.10	1-1/4	13/32	1/16
1/2	100	....	--	--	--
WIDE RIM FENDER WASHERS - FLF2PWS					
1/4	100	\$0.26	1-1/2	9/32	1/16
5/16	100	0.24	1-1/2	11/32	1/16
3/8	100	0.17	1-1/2	13/32	1/16
1/2	100	0.44	2	15.32	1.16

FLAT WASHERS - GRADE 8

Standard Steel -



Bolt Size Ins.	Pkg. Qty.	Grade 8 FLW8PS Price Per Piece	Approx. Dimensions		
			O.D. Inches	Hole Size Inches	Thick-ness Inches
3/16	--	\$....	9/16	1/4	3/64
1/4	100	0.09	3/4	5/16	1/16
5/16	100	0.15	7/8	3/8	5/64
3/8	100	0.15	1	7/16	5/64
7/16	100	0.33	1-1/4	1/2	5/64
1/2	100	0.37	1-3/8	9/16	7/64
9/16	25	1.23	1-1/2	5/8	7/64
5/8	25	0.78	1-3/4	11/16	9/64
3/4	20	1.16	2	13/16	5/32
7/8	15	1.78	2-1/4	15/16	11/64
1	10	2.21	2-1/2	1-1/16	11/64

ASK FOR QUANTITY DISCOUNT Prices subject to change without notice.

SOCKET HEAD CAP SCREWS

Alloy Steel, Heat Treated

A11

Ask For Quantity Discount on Screws - Sizes can be mixed for discount, but not types.



SOCKET HEAD CAP SCREWS COARSE THREAD - SCC8BS -

Top Diameter measured in inches.

Length Inches	No. 10 3/16		1/4		5/16		3/8		7/16		1/2		5/8		3/4	
	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece
1/2	20	\$0.09	20	\$0.08	20	\$0.13	--	\$	--	\$	--	\$	--	\$	--	\$
3/4	20	0.11	20	0.39	20	0.68	20	0.38	--	....	--	....	--	....	--	....
1	20	0.23	20	0.47	20	0.80	20	0.54	20	1.32	10	0.70	--	....	--	....
1-1/4	--	....	20	0.53	20	0.38	20	0.44	10	0.74	10	2.94	--	....	--	....
1-1/2	20	0.18	20	0.29	20	0.42	20	1.60	10	0.31	10	2.29	5	1.36	5	2.30
1-3/4	--	....	20	0.28	--	....	10	0.36	10	0.88	10	1.26	--	....	--	....
2	20	0.19	20	0.15	20	0.39	10	0.65	10	1.24	10	1.33	5	6.76	5	2.72
2-1/2	--	....	20	0.31	20	0.30	10	0.59	10	1.07	5	1.36	5	1.85	5	2.87
2-3/4	--	....	--	....	--	....	10	0.21	--	....	5	1.27	5	1.45	--	....
3	--	....	20	0.18	20	1.96	10	1.14	5	1.32	5	1.30	5	2.10	5	....
3-1/2	--	....	--	....	--	....	10	0.43	--	....	5	1.53	5	2.57	--	....
4	--	....	10	0.26	--	....	10	1.64	--	....	5	4.88	5	1.21	5	3.92

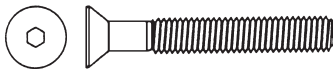
SOCKET HEAD CAP SCREWS

FINE THREAD - SCF8BS -

Top Diameter measured in inches.



Length Inches	No. 10 3/16		1/4		5/16		3/8		1/2	
	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece
1/2	20	\$0.03	20	\$0.05	--	\$	--	\$	--	\$
3/4	20	0.04	20	0.15	--	0.11	--	....	--	....
1	20	0.05	20	0.16	20	0.85	20	0.39	--	....
1-1/2	20	0.07	20	0.13	--	....	20	0.69	10	0.91
2	20	0.06	20	0.07	--	....	--	....	10	0.42



FLAT HEAD SOCKET CAP SCREWS COARSE THREAD - FSC8BS -

Top Diameter measured in inches.

Length Inches	No. 10 3/16		1/4		5/16		3/8		7/16		1/2		5/8		3/4	
	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece
3/4	--	\$	20	\$0.21	20	\$0.46	20	\$0.47	--	\$	10	\$0.57	--	\$	--	\$
1	--	....	20	0.45	20	0.51	20	0.47	--	....	10	0.99	--	....	--	....
1-1/4	--	....	20	0.54	20	0.91	20	1.34	--	....	10	2.28	--	....	--	....
1-1/2	20	0.07	20	0.19	20	1.01	20	1.53	10	1.83	10	2.63	5	2.57	5	1.19
2	--	....	20	0.27	20	0.82	10	1.17	--	....	10	1.10	5	5.80	5	3.28
2-1/2	--	....	--	....	--	....	10	0.78	--	....	5	2.96	5	7.04	5	3.81
3	--	....	--	....	--	....	10	1.13	--	....	5	1.86	5	2.03	5	4.35

RECOMMENDED TORQUE VALUES IN FOOT POUNDS AND CLAMP LOAD VALUES FOR HEX SCREWS

Screw Diameter	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-1/2
Grade 5 Coarse													
Clamp Load Lbs.*	2000	3350	4950	6800	9075	11600	14500	21300	29500	38700	42375	53755	78000
Plated Torque	6-1/2	13	23	37	57	82	112	200	322	483	596	840	1462
Oil Finish Torque	8	17	31	50	76	109	150	266	430	645	794	1120	1950
Grade 5 Fine													
Clamp Load Lbs.*	2300	3700	5600	7550	10200	13000	16300	23800	32400	32275	47475	59550	87750
Plated Torque	7-1/4	14	26	41	64	91	128	223	355	541	668	930	1645
Oil Finish Torque	10	19	35	55	85	122	170	297	474	721	890	1241	2194
Grade 8 Coarse													
Clamp Load Lbs.*	2850	4700	6950	9600	12800	16350	20300	30100	41600	54600	68700	87225	126450
Plated Torque	9	18	33	52	80	115	159	282	454	682	966	1363	2371
Oil Finish Torque	12	24	44	70	106	153	212	376	606	909	1288	1817	3161
Grade 8 Fine													
Clamp Load Lbs.*	3250	5200	7900	10700	14400	18300	23000	33600	45800	61125	77025	96600	142275
Plated Torque	10	20	37	58	90	129	180	315	501	764	1083	1509	2668
Oil Finish Torque	14	27	49	78	120	172	240	420	668	1019	1444	2012	3557

*CLAMP LOAD (LBS.) IS EQUAL TO 75% OF BOLT PROOF LOAD. These values calculated by Rockford from International Fastener Institute technical manual fifth edition for torque to induce clamp load shown for non critical conditions. Values may fluctuate plus or minus 25% and torque wrench may fluctuate plus or minus 25%.

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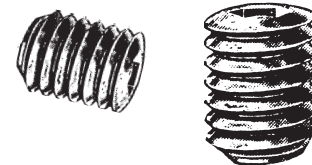
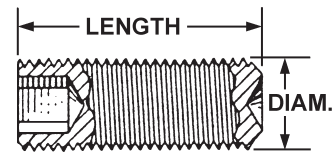
BAUM HYDRAULICS CORPORATION

SOCKET HEAD SET SCREWS

Cup Point - Alloy Steel - Heat Treated

COARSE THREAD SOCKET HEAD SET SCREWS - Top Diameter measured in inches. SSC8BS -

Length Inches	No. 8		No. 10		1/4		5/16		3/8		7/16	
	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece
3/16	20	\$0.06	20	\$0.07	20	\$0.07	--	\$....	--	\$....	--	\$....
1/4	20	0.09	20	0.10	20	0.10	20	0.10	--	....	--	....
5/16	20	0.03	20	0.03	20	0.11	20	0.17	20	0.13	--	....
3/8	20	0.06	20	0.06	20	0.14	20	0.17	20	0.24	20	0.27
7/16	--	....	--	....	--	....	--	....	--	....	20	0.27
1/2	20	0.03	20	0.03	20	0.17	20	0.20	20	0.32	20	0.30
5/8	--	....	--	....	20	0.05	20	0.21	20	0.43	--	....
3/4	--	....	--	....	20	0.29	20	0.18	20	0.54	20	0.30
1	--	....	--	....	20	0.17	20	0.52	20	0.44	10	0.19
1-1/4	--	....	--	....	20	0.19	20	0.24	20	0.31	10	0.20
1-1/2	--	....	--	....	20	0.32	20	0.35	20	0.49	10	0.66
2	--	....	--	....	--	....	10	0.45	10	0.62	--	....



Coarse Thread Socket Head Set Screws Continued ...

Length Inches	1/2		5/8		3/4		7/8		1	
	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece
3/8	20	\$0.30	--	\$....	--	\$....	--	\$....	--	\$....
1/2	20	0.59	--	....	--	....	--	....	--	....
5/8	20	0.34	10	2.58	--	....	--	....	--	....
3/4	20	0.44	10	0.81	10	1.20	--	....	--	....
7/8	--	....	--	....	--	....	2	1.86	--	....
1	10	1.28	10	0.96	10	1.29	2	1.38	2	3.45
1-1/4	10	0.54	5	0.51	5	0.58	--	....	--	....
1-1/2	10	0.59	5	1.10	5	1.39	--	....	--	....
2	5	0.89	5	0.72	2	3.84	--	....	2	2.25
2-1/2	5	1.48	2	1.82	2	1.06	--	....	2	2.73
3	5	1.55	2	1.03	2	1.20	--	....	--	....

FINE THREAD SOCKET HEAD SET SCREWS - Top Diameter measured in inches. SSF8BS -

Length Inches	No. 8		No. 10		1/4		5/16		3/8		7/16		1/2		5/8	
	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece	Pkg. Qty.	Price Per Piece
3/16	--	\$....	20	\$0.07	20	\$0.07	--	\$....	--	\$....	--	\$....	--	\$....	--	\$....
1/4	20	0.07	20	0.06	20	0.10	20	0.16	--	....	--	....	--	....	--	....
5/16	--	....	--	....	--	....	20	0.15	--	....	--	....	--	....	--	....
3/8	--	....	--	....	20	0.11	20	0.27	20	0.19	--	....	--	....	--	....
1/2	--	....	--	....	20	0.14	20	0.12	20	0.10	20	0.31	20	0.30	--	....
5/8	--	....	--	....	--	....	--	....	--	....	--	....	20	0.84	10	0.33
3/4	--	....	--	....	--	....	20	0.07	20	0.20	--	....	20	0.16	--	....
1	--	....	--	....	--	....	--	....	--	....	--	....	10	0.19	--	....

METRIC HEX SOCKET SET SCREWS & RODS

METRIC HEX SOCKET SET SCREWS - MRBC2PM -

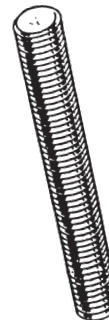


Part Number	Pkg. Qty.	Price Per Piece	Part Number	Pkg. Qty.	Price Per Piece
M3x3x.50	10	\$0.11	M5x8x.80	10	\$0.22
M3x5x.50	10	0.11	M5x10x.80	10	0.12
M3x6x.50	10	0.11	M6x6x1.00	10	0.23
M3x8x.50	10	0.11	M6x8x1.00	10	0.23
M3x10x.50	10	0.22	M6x10x1.00	10	0.23
M4x5x.70	10	0.20	M6x12x1.00	10	0.24
M4x6x.70	10	....	M8x8x1.25	10	0.27
M4x8x.70	10	....	M8x10x1.25	10	0.25
M4x10x.70	10	0.13	M8x12x1.25	10	0.28
M5x5x.80	10	....	M10x10x1.50	10	0.31
M5x6x.80	10	0.22	M10x12x1.50	10	0.40

26B Assortment: 1 pkg of 10 of each size above. \$....

METRIC THREADED ROD -

MRBC2PM - Coarse Grade 2 Plated - Class 4.6
1 Meter in Length (39 inches).



Inch Approx.	Part Number	Pkg. Qty.	Price Per Piece
5/16	M8x1.25	1	....
3/8	M10x1.50	1	....
1/2	M12x1.75	1	....
9/16	M14x2.00	1	31.03
5/8	M16x2.00	1	....
3/4	M20x2.50	1	....
1	M24x3.00	1	....

ASK FOR QUANTITY DISCOUNT Prices subject to change without notice.

PIN & KEY ASSORTMENTS

Pre-Made Assortments - Priced per Box.

ROLL PIN Assortments - Date: 2000

120B - \$69.29 - M812 Box / 120 assorted pieces
Contains 10 each of 12 sizes, from 1/8" x 3/4" thru 2" x 1-1/2"

123ECRP - \$... - T203 Box / 120 assorted pieces
Contains 10 each of 12 sizes, from 1/16" x 3/4" thru 2" x 1-1/4"

124ECRP - \$127.25 - T606 Box / 120 assorted pieces
Contains 10 each of 12 sizes, from 1/4" x 1" thru 2" x 1-1/2"

240B - \$... - T824 Box / 230 assorted pieces
Contains 10 each of 23 sizes, from 1/16" x 3/4" thru 2" x 1-1/2"

480B - \$... - Two M812 Boxes / 460 assorted pieces
Contains 20 each of 23 sizes, from 1/16" x 3/4" thru 2" x 1-1/2"

WOODRUF KEYS Assortments - Date: 2000

ECMPWK - \$52.21 - M812 Box / 120 assorted pieces
Contains 10 each of 6 sizes, from 3 thru D

RPWK - \$100.67 - T203 Box / 60 assorted pieces
Contains 10 each of 12 sizes, from 3 thru C

1800B - \$139.80 - M818 Box / 180 assorted pieces
Contains 10 each of 18 sizes, from 3 thru E

SQUARE KEYSTOCK Assortments - Date: 2000

25 ASSORTMENT - \$95.97 - K801 Box / 25 assorted pieces
Contains 5 each of 5 sizes, from 1/8" x 12 thru 3/8" x 12"

MACHINERY BUSHINGS Assortments - Date: 2000

60ECNRB - \$16.42 - T203 Box / 60 assorted pieces, narrow rim
Contains 10 each of 6 selected sizes, from 9/16" x 18" thru 1" x 14"

SET COLLARS Assortments - Date: 2000

27 - \$69.02 - No Box / 27 assorted pieces
Contains 1 or more of 12 sizes, from LSC 8 thru LSC 24

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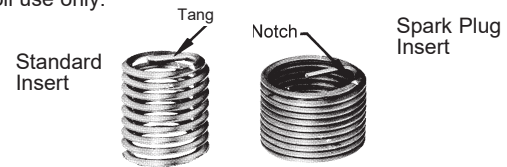
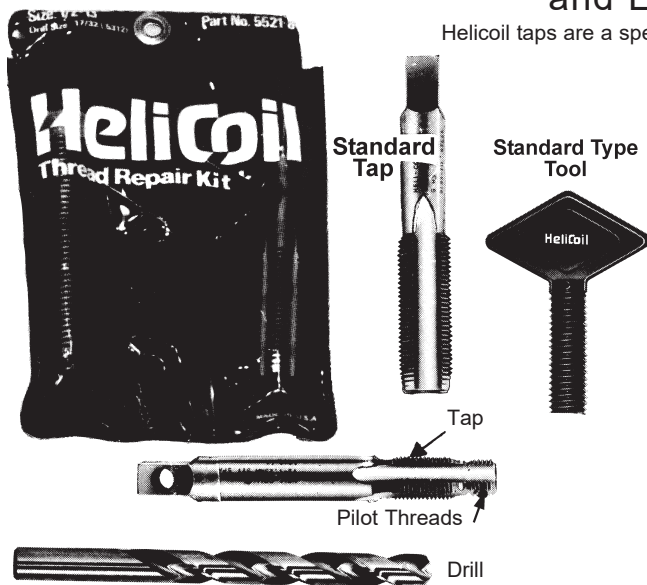
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A14

HELICOIL THREAD REPAIR KITS and EXTRA PARTS

Helicoil taps are a special thread count for Helicoil use only.



Long Length Inch Coarse Extra Insert - HLEXINSC

Helicoil Diameter x Length Inch	Extra Helicoil INSERT Part Number	Pkg. Qty.	Price Per Piece
8-32x.328	1185-2CN 0328	12	\$0.37
12-24x.432	1185-1CN 0432	12	0.37
1/4-20x.500	1185-4CN 0500	12	....
7/8-9x1.750	1185-14CN 1750	1	6.34
1-8x2.000	1185-16CN 2000	1	....

Long Length Inch Fine Extra Insert - HLEXINSF

Helicoil Diameter x Length Inch	Extra Helicoil INSERT Part Number	Pkg. Qty.	Price Per Piece
10-32x.380	1191-3CN 0380	12	....
3/8-24x.750	1191-6CN 0750	12	1.13
7/16-20x.875	1191-7CN 0875	6	....
9/16-18x1.125	1191-9CN 1125	6	....
5/8-18x1.250	1191-10CN 1250	6	....
3/4-16x1.500	1191-12CN 1500	4	....

Inch Coarse Thread Repair Kits - HLREPKITC

Contains one tap, one tool, and one pkg. of inserts for each size.

Helicoil Diameter x Length Inch	KIT Part Number	Price Per Kit
8-32x.246	5521-2	\$....
12-24x.324	5521-1	....
1/4-20x.375*	5521-4	....
7/16-14x .656*	5521-7	....

NOTE: The following Kit comes complete with High Speed Steel Drill for 1/2" Chucks.
7/8-9x1.312 **5521-14**

*Also Included in Master Thread Repair Kit - Part Number 5522

Inch Coarse Thread Repair Inserts - HLEXREPKITC

Helicoil Diameter x Length Inch	Extra Helicoil INSERT Part Number	Pkg. Qty.	Price Per Piece	Use Drill Size
8-32x.246	1185-2CN 0246	12	\$0.35	11/64
10-24x.285	1185-3CN 0285	12	0.35	13/64
12-24x.324	1185-1CN 0324	12	0.35	15/64
1/4-20x.375*	1185-4CN 0375	12	....	17/64
7/16-14x .656*	1185-7CN 0656	6	0.66	29/64
1/2-13x.750*	1185-8CN 0750	6	....	17/32
9/16-12x.844	1185-9CN 0844	6	....	19/32

NOTE: The following 2 Kits come complete with High Speed Steel Drill for 1/2" Chucks.

7/8-9x1.312	1185-14CN 1312	1	\$....	29/32
1-8x1.500	1185-16CN 1500	1	....	1-1/32

*Also Included in Master Thread Repair Kit - Part Number 5522

Inch Fine Thread Repair Kits - HLREPKITF

Contains one tap, one tool, and one pkg. of inserts for each size.

Helicoil Diameter x Length Inch	KIT Part Number	Price Per Kit
1/4-28x.375+	5528-4	\$33.04
3/8-24x.562+	5528-6	....
1/2-20x.750+	5528-8	....

NOTE: The following Kit come complete with High Speed Steel Drill for 1/2" Chucks.

1-14x1.500	5528-16	210.07
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+Also Included in Master Thread Repair Kit - Part Number 5526

Inch Fine Thread Repair Inserts - HLEXREPKITF

Helicoil Diameter x Length Inch	Extra Helicoil INSERT Part Number	Pkg. Qty.	Price Per Piece	Use Drill Size
10-32x.285+	1191-3CN 0285	12	\$0.35	13/64
1/4-28x.375+	1191-4CN 0375	12	....	17/64
5/16-24x.469+	1191-5CN 0469	12	0.42	21/64
3/8-24x.562+	1191-6CN 0562	12	....	25/64
7/16-20x.656+	1191-7CN 0656	6	0.66	29/64
9/16-18x.844	1191-9CN 0844	6	....	37/64
5/8-18x.938	1191-10CN 0938	6	....	41/64
3/4-16x1.125	1191-12CN 1125	4	....	49/64

NOTE: The following 2 Kits come complete with High Speed Steel Drill for 1/2" Chucks.

1-14x1.500	1191-16CN 1500	1	\$4.50	1-1/64
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+Also Included in Master Thread Repair Kit - Part Number 5526

Spark Plug Metric Repair Kit - HLSPMM

Helicoil Diameter x Length Inch	KIT Part Number	Price Per Kit
M14x1.25x3/8	5523-14*	\$128.98
M14x1.25x1/2	5523-14*	128.98
M14x1.25x3/4	5523-14*	128.98

*Spark Plug Metric Kit: Contains special tap, insertion tool, and six each M14 x 1.25 x 3/8, 7/16, 1/2, 3/4, and .472 inserts.

Spark Plug Metric Repair Inserts - HLSPINMM

Helicoil Diameter x Length Inch	Extra Helicoil INSERT Part Number	Pkg. Qty.	Price Per Piece	Use Drill Size
M14x1.25x3/8	512	6	\$0.54	None
M14x1.25x1/2	513-13	6	None

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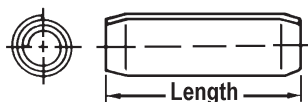
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ROLL PINS-EXPAN-PINS-SPRING PINS

A15

SPIROL SPRING PINS - SPPINRB

Made of High Carbon Spring Steel..
10 in a package, packed in polybags.
Regular Black



Lenght Inches	1/8" Price Per Piece	3/16" Price Per Piece	1/4" Price Per Piece	5/16" Price Per Piece
3/4	\$....	\$....	\$....	\$....
1	0.12	....	0.13	....
1-1/4	0.13	....	....	....
1-1/2	0.15	....	....	....
2	....	....	....	....
2-1/4	....	....	....	....
2-1/2	....	....	....	....
3	....	....	....	1.34

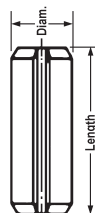
ROLL PINS - Standard Pak - ROLPINM

Made of High Carbon Spring Steel-Heat Treated-Plated.
10 in a package, packed in polybags.

+ = Black



Roll-Pins are slotted tubular spring steel pins used as replacement for taper, dowel grooved, cotter, stop pins, keys, or rivets. Self locking by spring action. Tapered ends make starting easy. Can be used repeatedly.



TELESCOPING SIZES

Outer	Inner	Outer	Inner
5/32	1/8	5/16	7/32
7/32	5/32	3/8	1/4
1/4	3/16	1/1	3/8



Size Diameter, Inch	Price Per Piece	Size Diameter, Inch	Price Per Piece
1/16x3/4	\$0.01	7/32x2-1/2	\$0.66
1/16x1	0.04	-----	....
5/64x3/4	0.01	1/4x1	0.49
5/64x1	0.11	.....	...
3/16x1-3/4	0.30	1/4x1-1/2+	0.58
3/16x2+	0.59	1/4x1-3/4	0.52
3/32x1	0.21	1/4x2	0.81
3/32x1-1/4	0.03	1/4x2-1/4	0.66
1/8x3/4	0.04	1/4x2-1/2	0.94
1/8x1	0.08	1/4x2-3/4	0.35
1/8x1-1/4	0.11	7/16x1-1/2	2.33
1/8x1-1/2	0.14	7/16x1-3/4	0.22
1/8x1-3/4	0.08	5/16x1-1/4+	0.81
1/8x2	0.08	5/16x1-1/2	0.85
5/32x3/4	0.10	5/16x1-3/4	0.70
5/32x1	0.12	5/16x2	1.10
5/32x1-1/4	0.16	.....	....
5/32x1-1/2	0.09	5/16x2-1/2	1.31
5/32x1-3/4	0.07	5/16x3	0.79
5/32x2	0.25	3/8x1	0.69
3/16x3/4	0.05	3/8x1-1/4	0.90
3/16x1	0.37	3/8x1-1/2+	1.23
3/16x1-1/4	0.38	3/8x1-3/4	1.04
3/16x1-1/2	0.45	3/8x2-1/4	1.26
1/4x3	1.06	7/16x1	0.24
5/16x1	0.59	7/16x1-1/4	0.25
3/16x2-1/4	0.65	3/32x3/4	0.01
3/16x2-1/2	0.65	7/16x2+	2.63
7/32x1	0.11	7/16x2-1/2	2.14
7/32x1-1/4	0.28	7/16x3	2.04
7/32x1-1/2	0.63	7/16x3-1/2	2.94
7/32x1-3/4	0.27	1/2x1-1/2	1.28
7/32x2+	1/2x2	2.29
7/32x2-1/4	0.25	1/2x3	2.85

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A16

KEY STOCK & KEYS

Square, Flat, Round, Offset Key Stock, Woodruff Keys, and Gib Head Machine Keys

SQUARE KEY STOCK - SQKEY

Exact Size to .002 Undersize. 12-Inch Lengths ONLY.



Size Inches	Price Per Piece	Pkg. Qty.	Fits Shaft or Bore Size	
1/16	\$0.56	5	--	to --
3/32	0.76	5	--	to --
1/8*	0.95	5	1/2	to 9/16
5/32	2.40	5	--	to --
3/16*	1.23	5	5/8	to 7/8
1/4*	2.71	5	15/16	to 1-1/4
5/16*	4.48	5	1-5/16	to 1-3/8
3/8*	4.54	5	1-7/16	to 1-3/4
7/16	7.25	5	--	to --
1/2	10.42	5	1-13/16	to 2-1/4
5/8	17.18	5	2-5/16	to 2-3/4
3/4	23.01	5	2-13/16	to 3-1/4
7/8	38.70	5	3-5/16	to 3-3/4
1	44.77	5	3-13/16	to 4-1/2

METRIC SQUARE KEY STOCK - 12 INCH LENGTH

M4xM4	\$1.99	5	1	to 12
M5xM5	3.17	5	14	to 16
M6xM6	3.00	5	18	to 22

FLAT KEY STOCK PLATED - FLTKEY

12-Inch Lengths ONLY.



INCHES - FLTKEY

Size Inches	Pkg. Qty.	Price Per Piece
1/4 x 1/8	5	\$18.14
1/4 x 3/16	5	5.80
5/16 x 1/4	5	6.08
3/8 x 3/16	5	7.52
3/8 x 1/4*	5	8.17
3/8 x 5/16	5	4.86
1/2 x 3/8	5	13.57
1/2 x 7/16	5	10.95
5/8 x 5/16	5	14.75
5/8 x 3/8	5	9.45
3/4 x 7/8	5	37.28

METRIC - MFLTKEY

Size Inches	Pkg. Qty.	Price Per Piece
M8xM7	5	\$5.02
M10xM8	5	7.64
M12xM8	5	9.46
M14xM9	5	6.40
M16xM10	5	12.73
M18xM11	5	....
M20xM12	5	13.57
M22xM14	5	10.65
M25xM14	5	22.88
M28xM16	5	8.44

* Unplated For Round Keystock Buy Drill Rod.
For Larger Square Sizes See Cold Rolled Shafting.

ROUND KEY STOCK - RDKEY

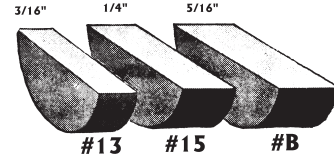
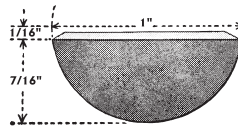
Exact Size to .002 Undersize. 12-Inch Lengths ONLY.



Size Inches	Price Per Piece	Pkg. Qty.
1/8	\$5.30	5
5/32	9.13	5

WOODRUFF - WOODKEY

HOW TO MEASURE WOODRUFF KEYS: The first measurement is the diameter of the circle which would be made if the curved side of the key were extended to form a circle. The second measurement is the thickness of the key.



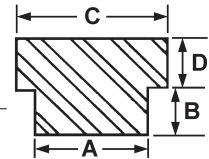
Part Number	Size Inches	Pkg. Qty.	Price Per Piece
3	1/2x1/8	10	\$0.20
5	5/8x1/8	10	0.21
6	5/8x5/32	10	0.23
61	5/8x3/16	10	0.29
7	3/4x1/8	10	0.18
8	3/4x5/32	10	0.30
9	3/4x3/16	10	0.35
91	3/4x1/4	10	0.45
10	7/8x5/32	10	0.28
11	7/8x3/16	10	0.54
A	7/8x1/4	10	0.62
13	1x3/16	10	0.73

Part Number	Size Inches	Pkg. Qty.	Price Per Piece
15	1x1/4	10	\$0.84
B	1x5/16	10	1.19
141	1x1/4	10	1.03
16	1-1/8x3/16	10	0.61
18	1-1/8x1/4	10	1.26
C	1-1/8x5/16	10	1.45
21	1-1/4x1/4	10	1.25
D	1-1/4x5/16	10	2.03
E	1-1/4x3/8	10	2.21
23	1-3/8x5/16	10	1.93
F	1-3/8x3/8	10	1.73
G	1-1/2x3/8	10	2.51

OFFSET KEY STOCK UNPLATED -

12-Inch Lengths ONLY. OFFKEY

Number	A Size Inches	B Size Inches	C Size Inches	D Size Inches	Price Per Piece
SK 1-1	3/16	3/32	1/8	1/16	\$24.74
SK 3-2*	3/16	3/32	1/4	1/8	25.85
SK 4-2*	1/4	1/8	5/16	1/8	16.38
SK 8-1*	5/16	5/32	3/8	3/16	31.27
SK 11-2	3/8	3/16	1/2	1/4	23.17
SK 15-2	1/2	1/4	5/8	5/16	35.22
SK 6-2	1/4	1/8	3/8	3/16	19.96



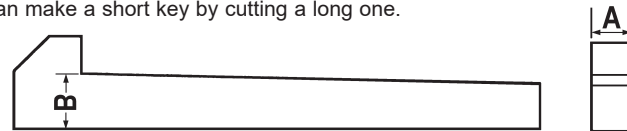
For use where the widths of keyways in sheave and shaft do not match.

No. SK 1-1 for 3/16" & 1/8" Keyways. No. SK 11-2 for 3/8" & 1/2" Keyways.
No. SK 3-2 for 3/16" & 1/4" Keyways. No. SK 15-2 for 1/2" & 5/8" Keyways.
No. SK 4-2 for 1/4" & 5/16" Keyways. No. SK 6-2 for 1/4" & 3/8" Keyways.
No. SK 8-1 for 5/16" & 3/8" Keyways.

GIB HEAD MACHINE KEYS - GIBKEY

C-1018 Steel - Tapers 1/8" for every 12" of Key.

You can make a short key by cutting a long one.



Cross Section x Length	Pkg. Qty.	Price Per Piece	A Width Inch	B Depth Under Head Inch	C Length Under Head Inch
3/16 x 3"	1	\$7.79	3/16	3/16	3
1/4 x 4"	1	13.87	1/4	1/4	4
5/16 x 4"	1	16.06	5/16	5/16	4
3/8 x 5"	1	27.08	3/8	3/8	5
7/16 x 4-1/2"	1	11.73	7/16	7/16	5
1/2 x 5"	1	36.21	1/2	1/2	5

ASK FOR QUANTITY DISCOUNT Prices subject to change without notice.

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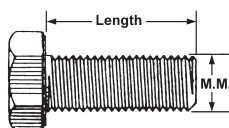
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METRIC HEX SCREWS MADE EASY

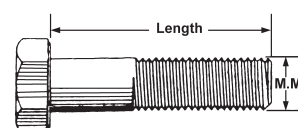
A17

Metric Hex Screw Sizes Grades, Finishes and Class varies by model.

Short lengths are full thread.
Din. 933 Coarse, Din. 961 Fine.
ISO 4017 Coarse & Fine.

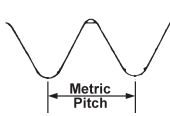
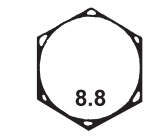
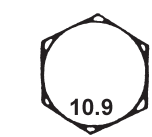


Long lengths are partial thread.
Din. 931 Coarse, Din. 960 Fine.
ISO 4014 Coarse & Fine.



Length M.M.	Inch Approx.	M6 x 1.00 Coarse	M6 x 1.00 Coarse	M8 x 1.25 Coarse	M8 x 1.25 Coarse	M8 x 1.00 Fine	M10 x 1.50 Coarse	M10 x 1.50 Coarse
		Grade 8 Black Class 10.9 MHSC8BM Price Per Piece	Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece	Grade 8 Black Class 10.9 MHSC8BM Price Per Piece	Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece	Grade 5 Black Class 8.8 MHSF5BM Price Per Piece	Grade 8 Black Class 10.5 MHSC8BM Price Per Piece	Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece
10	3/8	\$	\$....	\$	\$....	\$	\$	\$0.55
12	1/2	....	....	....	....	....	....	....
16	5/8	0.13	....	0.31	....	....	0.67	....
20	3/4	0.17	....	0.19	....	....	0.41	....
25	1	0.13	....	0.27	0.10	0.22	0.31	....
30	1-3/16	0.24	....	0.44	....	....	0.39	....
35	1-3/8	0.20*	....	0.20	....	0.17	0.55*	....
40	1-9/16	0.11*	....	0.53	....	0.33	0.57*	....
45	1-3/4	0.12*	....	0.52	....	0.25*	0.88*	....
50	2	0.26*	....	0.57	....	0.34*	0.79*	....
55	2-3/16	....	....	....	....	....	1.17*	....
60	2-3/8	0.38	....	0.75	....	....*	0.36*	....
65	2-9/16	....	....	....	....	....	....	....
70	2-3/4	0.50	....	0.78	....	....*	1.02*	....
75	3	....	....	....	....	....	....	....
80	3-3/16	0.55	....	....	....	0.43*	1.17*	....
90	3-1/2	....	....	....	....*	....	....	....
100	4	....	....	....	....*	....	1.90*	....
110	4-3/8	....	....	....	....	....	....	....
120	4-3/4	....	....	....	....	....	....	....
130	5	....	....	....	....	....	....	....
140	5-1/2	....	....	....	....	....	....	....
150	6	....	....	....	....	....	2.48	....
160	6-1/4	....	....	....	....	....	....	....
200	8	....	....	....	....	....	....	....
Pkg. Qty. Varies:		Pkg. Qty = 20 * Pkg. Qty = 4	Pkg. Qty = 20 * Pkg. Qty = 5	Pkg. Qty = 10	Pkg. Qty = 20 * Pkg. Qty = 5 + Pkg. Qty = 2	Pkg. Qty = 10 * Pkg. Qty = 5	Pkg. Qty = 10 * Pkg. Qty = 5	Pkg. Qty = 10 * Pkg. Qty = 2

Length M.M.	Inch Approx.	M10 x 1.25 Fine	M10 x 1.00 Ex. Fine	M12 x 1.75 Coarse	M12 x 1.75 Coarse	M12 x 1.50 Fine	M12 x 1.25 Ex. Fine
		Grade 5 Black Class 8.8 MHSF5BM Price Per Piece	Grade 5 Black Class 8.8 MHSC8BM Price Per Piece	Grade 8 Black Class 10.9 MHSC8BM Price Per Piece	Grade 5 Plated Class 8.8 MHSF5PM Price Per Piece	Grade 5 Black Class 8.8 MHSF5BM Price Per Piece	Grade 5 Black Class 10.5 MHSC8BM Price Per Piece
10	3/8	\$	\$	\$	\$	\$	\$
12	1/2	....	....	....	....	....	....
16	5/8	....	....	....	0.24	....	....
20	3/4	0.23	....	0.77	....	....	....
25	1	....	....	....	....	....	....
30	1-3/16	....	....	0.56	....	1.11	....
35	1-3/8	0.71*	0.32	0.62	....	....	....
40	1-9/16	1.32***	....*	0.66	....	....	....
45	1-3/4	....	....	0.72	Call	....	....
50	2	....	....	0.86	....	2.62	....
55	2-3/16	....	....*	....	....	....	....
60	2-3/8	....	....	1.29	....	0.98	....
65	2-9/16	....	....	....	....*	1.61	....
70	2-3/4	....	1.04*	....	....	1.85	....
75	3	....	....	....	....	....	....
80	3-3/16	1.06***	....*	2.04*	....	....	....
90	3-1/2	....	....	2.91*	0.76*	....	....
100	4	....	....	2.61***	....*	....	....
110	4-3/8	....	....	....	....	....	....
120	4-3/4	....	....	....	....	....	....
130	5	....	....	....	....	....	....
140	5-1/2	....	....	....	....	....	....
150	6	....	....	....	....	....	....
160	6-1/4	....	....	....	....	....	....
200	8	....	....	....	....	....	....
Pkg. Qty. Varies:		Pkg. Qty = 10 * Pkg. Qty = 5	Pkg. Qty = 10 * Pkg. Qty = 5	Pkg. Qty = 5 * Pkg. Qty = 2	Pkg. Qty = 10 * Pkg. Qty = 5 + Pkg. Qty = 1	Pkg. Qty = 5	Pkg. Qty = 10 * Pkg. Qty = 5 + Pkg. Qty = 2



Metric Pitch is
Distance
Between
Threads
in M.M.

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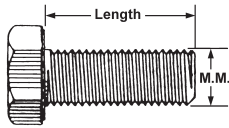


A18

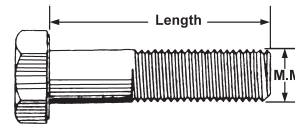
METRIC HEX SCREWS MADE EASY

Metric Hex Screw Sizes Grades, Finishes and Class varies by model.

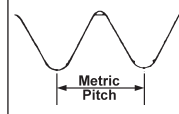
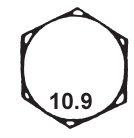
Short lengths are full thread.
Din. 933 Coarse, Din. 961 Fine.
ISO 4017 Coarse & Fine.



Long lengths are partial thread.
Din. 931 Coarse, Din. 960 Fine.
ISO 4014 Coarse & Fine.



Length M.M.	Inch Approx.	M14 x 2.00 Coarse Grade 8 Black Class 10.9 MHSC8BM Price Per Piece	M14 x 2.00 Coarse Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece	M14 x 1.50 Fine Grade 5 Black Class 8.8 MHSF5BM Price Per Piece	M16 x 2.00 Coarse Grade 8 Black Class 10.9 MHSC8BM Price Per Piece	M16 x 2.00 Coarse Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece	M18 x 2.50 Coarse Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece
25	1	\$	\$...	\$	\$	\$....	\$
30	1-3/16	1.21	....	....	0.64	....	....
35	1-3/8	1.46	....	....	1.55	....	....
40	1-9/16	1.53	0.41	....	1.73	....	....
45	1-3/4	....	....	....	2.12	....	....
50	2	2.12*	....	....	1.52	1.10	....
55	2-3/16	....	....	....	....	....	....
60	2-3/8	....	....	....	1.73**
65	2-9/16	....	....	....	....	....*	....*
70	2-3/4	1.45*	....	....	2.67*	....	....*
75	3	....	....	....	2.29*	....	....*
80	3-3/16	....	....	....	3.17***
90	3-1/2	2.66*	5.23	....	5.21***
100	4	....	....	....	5.28*	....	....
110	4-3/8	....	....	....	....*	....	....
120	4-3/4	....	....	....	....	....	....
130	5	....	....	....	....	....*	....
140	5-1/2	....	....	....	....	....	....
150	6	....	....	....	....	....	....
160	6-1/4	....	....	....	....	....	....
180	7	....	....	....	....	....	....
200	8	....	....	....	....	....	....
Pkg. Qty. Varies:		Pkg. Qty = 5 * Pkg. Qty = 2	Pkg. Qty = 5	Pkg. Qty = 10 * Pkg. Qty = 5 + Pkg. Qty = 2	Pkg. Qty = 2 * Pkg. Qty = 1	Pkg. Qty = 5 * Pkg. Qty = 2	Pkg. Qty = 5 * Pkg. Qty = 2



Metric Pitch is
Distance
Between
Threads
in M.M.

Length M.M.	Inch Approx.	M20 x 2.50 Coarse Grade 8 Black Class 10.9 MHSC8BM Price Per Piece	M20 x 2.50 Coarse Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece	M20 x 1.50 Fine Grade 5 Black Class 8.8 MHSF5BM Price Per Piece	M22 x 2.50 Coarse Grade 5 Black Class 8.8 MHSC5BM Price Per Piece	M24 x 3.00 Coarse Grade 8 Black Class 10.9 MHSC8BM Price Per Piece	M24 x 3.00 Coarse Grade 5 Plated Class 8.8 MHSC5PM Price Per Piece	M24 x 2.00 Fine Grade 5 Black Class 8.8 MHSF5BM Price Per Piece
25	1	\$	\$	\$	\$	\$	\$	\$
30	1-3/16	1.41	....	....	....	....	....	....
35	1-3/8	1.41	1.14	....	....	....	....	....
40	1-9/16	3.82	....	....	....	....	....	....
45	1-3/4	3.22	1.14	....	....	....	....	....
50	2	3.38	....	....	....	....	....	....
55	2-3/16	....	....	....	....	....	....	....
60	2-3/8	3.20	....	....	....	....	....	....
65	2-9/16	....	....	....	....	....	....	....
70	2-3/4	4.17	....	....	....	....	....	....
75	3	....	....	....	....	....	....	....
80	3-3/16	3.77	....	....	....	....	....	....
90	3-1/2	8.76	....	....	....	....	....	....
100	4	5.82	....	....	....	17.32	....	....
110	4-3/8	6.94	....	....	....	....	....	....
120	4-3/4	4.58	....	....	....	9.95**
130	5	3.09	....	....	....	....	....	....
140	5-1/2	8.23	....	....	....	....	....	....
150	6	....	....	....	....	....	....	....
160	6-1/4	....	....	....	....	....	....	....
180	7	....	....	....	....	....	....	....
200	8	....	....	....	....	....	....	....
Pkg. Qty. Varies:		Pkg. Qty = 1	Pkg. Qty = 2 * Pkg. Qty = 1	Pkg. Qty = 2	Pkg. Qty = 2 * Pkg. Qty = 1	Pkg. Qty = 1	Pkg. Qty = 2 * Pkg. Qty = 1	Pkg. Qty = 2 * Pkg. Qty = 1

ASK FOR QUANTITY DISCOUNT Prices subject to change without notice.

METRIC NUTS & WASHERS

Metric Lock, Ovalok and Hex Nuts. Helical Spring Lock Washers and Metric Flat Washers

A19

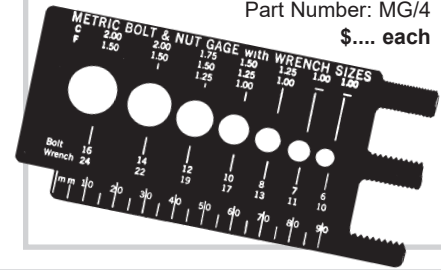
METRIC NYLON INSERT LOCK NUT - Coarse & Fine



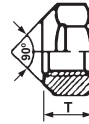
COARSE - Grade 2, Plated, Class 6				
Inch Approx.	W = Width Across Flats M.M.	Part Number	Pkg. Qty.	Price Per Piece
1/4	10	M6x1.00	20	\$0.06
5/16	13	M8x1.25	20	0.11
3/8	17-16	M10x1.50	20	0.13
1/2	19-18	M12x1.75	20	0.36
9/16	22-21	M14x2.00	10	0.51
5/8	24	M16x2.00	10	0.55
11/16	27	M18x2.50	5	1.36
3/4	30	M20x2.50	5	1.80
7/8	32	----	----	----
1	36	M24x3.00	1	1.25

FINE - Grade 5, Plated, Class 8				
Part Number	Pkg. Qty.	Price Per Piece	Thickness M.M.	T =
----	----	\$....	6	
M8x1.00	20	0.22	8	
M10x1.25	20	....	10	
----	----	....	12	
----	----	....	14	
----	----	....	16	
----	----	....	18.5	
----	----	....	20	
----	----	....	22	
M24x2.00	2	....	24	

METRIC BOLT and NUT GAGE

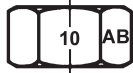


NEW GRADE 8, PLATED, CLASS 10 METRIC COARSE OVALOK NUT -



COARSE - Grade 8, Plated, Class 10					
Inch Approx.	W = Width Across Flats M.M.	Part Number	Pkg. Qty.	Price Per Piece	T = Thickness M.M.
1/4	10	M6x1.00	20	\$0.12	6
5/16	13	M8x1.25	20	0.15	7.5
3/8	17-16	M10x1.50	20	0.29	9
1/2	19-18	M12x1.75	20	0.65	11
9/16	22-21	----	----	....	----
5/8	24	M16x2.00	10	0.59	14
11/16	27	----	----	....	----
3/4	30	M20x2.50	5	3.00	15.4
7/8	32	----	----	....	----
1	36	M24x3.00	5	....	18.5

METRIC HEX NUT - Coarse & Fine - Watch for marking on nut to indicate class.



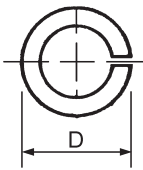
Inch Approx.	W = Width Across Flats M.M.	Part Number	Pkg. Qty.	COARSE		T = Thickness M.M.
				Grade 8 Black Class 10 MNTC8BM Price Per Piece	Grade 5 Plated Class 8 MNTC5PM Price Per Piece	
1/4	10	M6x1.00	20	\$0.04	\$0.04	5
5/16	13	M8x1.25	20	0.06	0.08	6.5
3/8	17-16	M10x1.50	20	0.15	....	8
1/2	19-18	M12x1.75	20	0.22	....	10
9/16	22-21	M14x2.00	20	....	....	11
5/8	24	M16x2.00	10	....	0.29	13
11/16	27	M18x2.50	5	....	....	15
3/4	30	M20x2.50	5	0.61	....	16
7/8	32	M22x2.50	5	....	....	13
1	36	M24x3.00	5	2.89	0.69	19

GRADE 5 METRIC NUT ASSORTMENT

T806 Box & Label - Date 2000 5MCNB
 Assortment Contains 475 total pieces: **105.59**
 100 - M6, M8, M10, M12 Nuts, 50 - M16 Nuts, and 25 - M20 Nuts

METRIC HELICAL SPRING LOCK WASHERS -

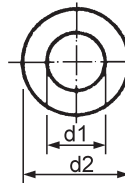
Zinc Plated Spring Steel Heat Treated. MLKW5PM



For Screw Size M.M.	Inch Approx.	Pkg. Qty.	Price Per Piece	D Outside Diam. M.M.	T Thickness M.M.
M4	5/32	20	\$0.01	7.6	0.9
M6	1/4	20	0.03	11.8	1.6
M8	5/16	20	0.03	14.8	2.0
M10	3/8	20	0.05	18.1	2.2
M12	1/2	20	0.07	21.1	2.5
M14	9/16	20	0.30	24.1	3.0
M16	5/8	20	0.30	27.4	3.5
M18	11/16	20	0.30	29.4	3.5
M20	3/4	20	0.24	33.6	4.0
M22	7/8	20	0.32	35.9	4.0
M24	1	20	0.26	40.0	5.0

METRIC FLAT WASHERS -

Cold Rolled Steel Zinc Plated. MLFW2PM



For Screw Size M.M.	Inch Approx.	Pkg. Qty.	Price Per Piece	d1 Hole Size M.M.	d2 Outside Diam. M.M.	T Thickness M.M.
M4	5/32	20	Call	4.3	9.0	0.8
M6	1/4	20	0.01	6.4	12.5	1.6
M8	5/16	20	0.02	8.4	17.0	1.6
M10	3/8	20	0.04	10.5	21.0	2.0
M12	1/2	20	0.08	13.0	24.0	2.5
M14	9/16	20	0.12	15.0	28.0	2.5
M16	5/8	20	0.13	17.0	30.0	3.0
M18	11/16	20	0.19	19.0	34.0	3.0
M20	3/4	20	0.21	21.0	37.0	3.0
M24	1	20	0.44	25.0	44.0	4.0

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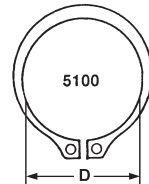
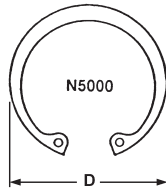
SNAP RINGS

Snap and Retaining Rings

Spiral Rectangular Wire Internal and External Snap Rings

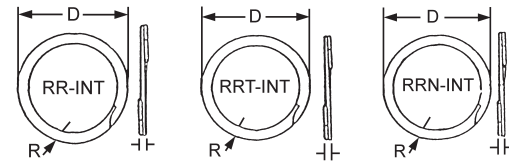
SNAP RINGS AND RETAINING RINGS -

Ring Size is normally stamped on ring.
Carbon Spring Steel
SAE 1060-1090 Black Finish.



Bore or Shaft Diameter Inches		Ring Size	Sequence #	Free O.D.	SRWIRR Price Per Piece	Sequence #	Free I.D.	SEWERR Price Per Piece
Fractional	Decimal							
1/4	.250	-25	749066	.280	0.06	749250	.255	0.08
5/16	.312	-31	749068	.346	0.06	749256	.281	0.08
3/8	.375	-37	749070	.415	0.07	749262	.338	0.06
7/16	.438	-43	749072	.482	0.06	749268	.395	0.04
1/2	.500	-50	749076	.548	0.07	749272	.461	0.10
9/16	.562	-56	749080	.620	0.08	749276	.521	0.11
5/8	.625	-62	749082	.694	0.11	749280	.579	0.18
11/16	.688	-68	749084	.763	0.09	749284	.635	0.11
3/4	.750	-75	749086	.831	0.14	749286	.693	0.11
13/16	.812	-81	749090	.901	0.10	749290	.751	0.26
7/8	.875	-87	749094	.971	0.12	749292	.810	0.14
15/16	.938	-93	749098	1.041	0.13	749294	.867	0.17
1	1.000	-100	749100	1.111	0.14	749298	.925	0.33
1-1/16	1.062	-106	749104	1.180	0.40	749302	.982	0.42
1-1/8	1.125	-112	749106	1.249	0.19	749304	1.041	0.33
1-3/16	1.188	-118	749108	1.319	0.21	749306	1.098	0.33
1-1/4	1.250	-125	749110	1.388	0.24	749308	1.156	0.61
1-5/16	1.312	-131	749112	1.456	0.35	749310	1.214	0.33
1-3/8	1.375	-137	749114	1.526	0.38	749312	1.272	0.59
1-7/16	1.438	-143	749116	1.596	0.26	749314	1.333	0.38
1-1/2	1.500	-150	749120	1.660	0.46	749316	1.387	0.85
1-9/16	1.562	-156	749122	1.734	0.57	749318	1.446	0.44
1-5/8	1.625	-162	749124	1.804	0.59	749320	1.503	0.34
1-11/16	1.688	-168	749128	1.874	0.46	749322	1.560	....
1-3/4	1.750	-175	749130	1.942	0.66	749324	1.618	0.83
1-13/16	1.812	-181	749132	2.012	0.72	749328	1.675	0.64
1-7/8	1.875	-187	749136	2.072	0.74	749330	1.735	0.40
1-15/16	1.938	-193	749138	2.141	0.48	--	....	....
1-31/32	1.969	-196	--	--	....	749332	1.819	0.36
2	2.000	-200	749140	2.210	0.72	749334	1.850	1.05
2-1/8	2.125	-212	749144	2.350	0.83	749338	1.964	1.27
2-1/4	2.250	-225	749148	2.490	0.98	749342	2.081	1.28
2-3/8	2.375	-237	749152	2.630	1.39	--	....	....
2-1/2	2.500	-250	749156	2.775	1.27	749350	2.313	1.36
2-5/8	2.625	-262	749160	2.910	1.50	749354	2.428	1.34
2-3/4	2.750	-275	749164	3.050	1.65	CA0400	2.543	14.08
2-7/8	2.875	-287	749168	3.191	2.00	749360	2.659	2.10
3	3.000	-300	749170	3.325	1.60	749364	2.775	1.88
3-1/4	3.250	-325	CA0300	3.623	19.59	749372	3.006	2.44
3-1/2	3.500	-350	CA0302	3.890	19.59	--	....	....
3-5/8	3.625	-362	CA0304	4.024	23.48	--	....	....
3-3/4	3.750	-375	CA0306	4.157	22.58	--	....	....
4	4.000	-400	CA0310	4.424	25.25	--	....	....
4-1/2	4.500	-450	CA0314	4.940	28.56	749398	4.223	6.02
4-3/4	4.750	-475	CA0316	5.213	37.81	749400	4.458	6.58
5	5.000	-500	CA0318	5.485	36.53	749402	4.692	7.11
5-1/4	5.250	-525	CA0320	5.770	39.17	749404	4.927	39.93
5-1/2	5.500	-550	CA0322	6.066	42.83	--	....	....
5-3/4	5.750	-575	--	--	....	749408	5.396	22.18
6	6.000	-600	CA0326	6.620	65.65	--	5.631	....

SPIROL RECTANGULAR WIRE INTERNAL SNAP RINGS -

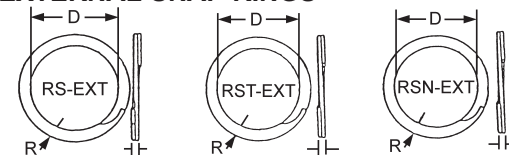


Diameter Inches	Ring	Size	Pkg.	D Free	R Radial	Price
Fraction	Decimal	Dash	Qty.	Diam.	Wall	Per Piece
RR-INT MEDIUM - SRSIRR						
1/2	.500	-50	25	.532	.045	\$0.17
5/8	.625	-62	25	.658	.045	0.17
7/8	.875	-87	16	.922	.065	0.40
1	1.000	-100	12	1.054	.075	....
1-1/4	1.250	-125	8	1.312	.085	....
1-3/8	1.375	-137	8	1.442	.095	0.21
2	2.000	-200	4	2.091	.128	6.08
3-1/2	3.500	-350	1	3.636	.188	8.94
3-7/8	3.875	-387	1	4.025	.208	....
4-1/2	4.500	-450	1	4.674	.238	12.86
5-1/2	5.500	-550	1	5.693	.250	13.83

RRT-INT MEDIUM HEAVY - SRSIRT						
1/2	.500	-50	25	.529	.045	\$0.14
7/8	.875	-87	16	.929	.065	0.37
1	1.000	-100	12	1.063	.075	....
1-1/8	1.125	-112	10	1.195	.078	0.43
1-3/8	1.375	-137	8	1.461	.098	0.20
3	3.000	-300	2	3.188	.188	12.90
4	4.000	-400	1	4.248	.250	21.91

RRN-INT HEAVY - SRSIRN						
1/2	.500	-50	25	.538	.045	\$0.14
3/4	.750	-75	25	.807	.065	0.15
13/16	.812	-81	16	.873	.075	1.01
7/8	.875	-87	16	.943	.085	0.46
1-7/16	1.437	-143	8	1.539	.118	....
3-7/8	3.875	-387	1	4.136	.312	....

SPIROL RECTANGULAR WIRE EXTERNAL SNAP RINGS -



Diameter Inches	Ring	Size	Pkg.	D Free	R Radial	Price
Fraction	Decimal	Dash	Qty.	Diam.	Wall	Per Piece
RS-EXT MEDIUM - SRSERS						
1/2	.500	-50	25	.467	.045	\$0.18
15/16	.938	-93	14	.889	.065	0.45

RST-EXT MEDIUM HEAVY - SRSEST						
1/2	.500	-50	25	.469	.045	\$0.15
7/8	.875	-87	16	.827	.075	0.19
15/16	.938	-93	14	.886	.075	0.19
1-1/8	1.125	-112	10	1.064	.088	0.45

RSN-EXT HEAVY - SRSESN						
1/2	.500	-50	25	.464	.050	\$0.15
5/8	.625	-62	25	.583	.055	....

ASK FOR QUANTITY DISCOUNT Prices subject to change without notice.