

Round Head Rivet - Brass - Plain Finish

Diameter	Length	Part Number	Price per 10	Price per 100
1/16	1/8	30B0202		\$0.83
1/16	3/16	30B0203		\$0.83
1/16	1/4	30B0204		\$0.71
3/32	1/8	30B0302		\$1.84
3/32	3/16	30B0303		\$1.46
3/32	1/4	30B0304		\$1.42
3/32	5/16	30B0305		\$2.25
3/32	3/8	30B0306		\$1.45
3/32	7/16	30B0307		\$3.23
3/32	1/2	30B0308		\$2.33
1/8	3/16	30B0403		\$3.31
1/8	1/4	30B0404		\$2.54
1/8	5/16	30B0405		\$5.20
1/8	3/8	30B0406		\$3.12
1/8	7/16	30B0407		\$6.26
1/8	1/2	30B0408		\$3.81
3/16	1/4	30B0604	\$1.80	\$14.40
3/16	5/16	30B0605	\$1.11	\$8.87
3/16	3/8	30B0606	\$1.28	\$10.26
3/16	1/2	30B0608	\$1.47	\$11.76
3/16	5/8	30B0610	\$1.62	\$12.99
3/16	3/4	30B0612	\$1.81	\$14.49
1/4	3/8	30B0806	\$2.54	
1/4	1/2	30B0808	\$2.93	
1/4	5/8	30B0810	\$3.36	
1/4	3/4	30B0812	\$4.11	

Round Head Rivet - Aluminum - Plain Finish

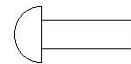
Diameter	Length	Part Number	Price per 100
3/32	3/16	33A0303	\$0.60
3/32	1/4	33A0304	\$0.72
3/32	5/16	33A0305	\$0.80
3/32	3/8	33A0306	\$0.83
1/8	3/16	33A0403	\$0.73
1/8	1/4	33A0404	\$0.98
1/8	5/16	33A0405	\$1.43
1/8	3/8	33A0406	\$1.17
1/8	7/16	33A0407	\$1.40
1/8	1/2	33A0408	\$1.36

Round Head Rivet - Copper - Plain Finish

Diameter	Length	Part Number	Price per 100
1/16	1/8	32C0202	\$0.83
1/16	3/16	32C0203	\$0.82
1/16	1/4	32C0204	\$0.84
1/16	3/8	32C0206	\$1.61
1/16	1/2	32C0208	\$1.91
3/32	1/8	32C0302	\$1.47
3/32	3/16	32C0303	\$1.27
3/32	1/4	32C0304	\$1.59
3/32	5/16	32C0305	\$1.62
3/32	3/8	32C0306	\$2.50
3/32	7/16	32C0307	\$1.84
3/32	1/2	32C0308	\$2.06
3/32	5/8	32C0310	\$2.33
3/32	3/4	32C0312	\$1.24
3/32	7/8	32C0314	\$3.26
3/32	1	32C0316	\$3.46

Round Head Rivet - Steel - Plain Finish

Diameter	Length	Part Number	Price per 100
3/32	3/16	31S0303	\$0.55
3/32	1/4	31S0304	\$0.61
3/32	5/16	31S0305	\$1.63
3/32	3/8	31S0306	\$1.91
3/32	7/16	31S0307	\$0.80
3/32	1/2	31S0308	\$0.73
1/8	3/16	31S0403	\$0.71
1/8	1/4	31S0404	\$0.91
1/8	5/16	31S0405	\$1.03
1/8	3/8	31S0406	\$1.05
1/8	7/16	31S0407	\$1.16



- Rivet diameter is diameter of shank
- Head is approximately twice shank diameter
- Recommended length is material thickness plus an amount equal to twice the shank diameter

Rivet Tools

<u>Description</u>	<u>Fits Rivets*</u>	<u>Part Number</u>	<u>Price Each</u>
Air Hammer with retainer spring and regulator	1/8" *	39T001	\$ 172.00
Air Hammer with retainer spring and regulator	1/4" *	39T002	\$ 237.00
Rivet Set to fit either hammer and round head rivets	1/16"	39T010	\$ 23.00
Rivet Set to fit either hammer and round head rivets	3/32"	39T011	\$ 23.00
Rivet Set to fit either hammer and round head rivets	1/8"	39T012	\$ 23.00
Rivet Set to fit either hammer and round head rivets	3/16"	39T013	\$ 23.00
Rivet Set to fit either hammer and round head rivets	1/4"	39T014	\$ 23.00
Bucking Bars to upset inside head of rivet, set of 5	all	39T020	\$ 110.00
Rivet Cutter Tool	3/16" *	39T030	\$ 43.00
Spring Retainers (known as Cleco's), package of 20	3/32"	39T041	\$ 68.00
Spring Retainers, package of 20	1/8"	39T042	\$ 88.00
Cleco Tool	all	39T048	\$ 14.42

* For Hammer and Cutter, Size is Largest Aluminum, Brass or Copper Rivet, Steel is One Size Smaller

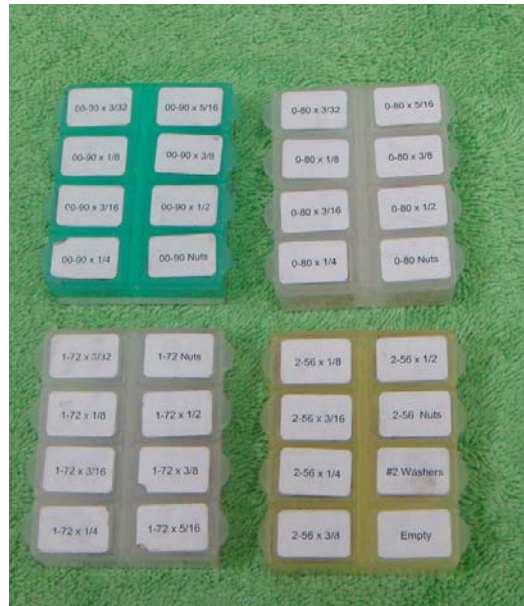
Miniature Stainless Steel Hex Head Bolt Assortment

Stock Number	Description	Cost	Weight	Packing Handling
45SA1	Thread Sizes 4-40, 6-32, 8-32, 10-24 20 Each 1/4", 3/8", 1/2", 3/4", 1" Lengths 50 Each Nuts	\$39.95	4	



Miniature Brass Hex Head Bolt Assortments

Stock Number	Description	Cost	Weight	Packing Handling
44BA1	Thread Size 00-90 10 - 3/32" 1/8", 3/16" 1/4", 5/16", 3/8", 1/2" 20 - Nuts	\$19.95	0.5	
44BA2	Thread Size 0-80 10 - 3/32", 1/8", 3/16" 1/4", 5/16", 3/8", 1/2" 20 - Nuts	\$18.95	0.5	
44BA3	Thread Size 1-72 10 - 3/32", 1/8", 3/16" 1/4", 5/16", 3/8", 1/2" 20 - Nuts	\$18.95	0.5	
44BA4	Thread Size 2-56 10 - 1/8", 3/16" 1/4", 5/16", 3/8", 1/2" 20 - Nuts 10 - Washers	\$15.95	0.5	



Section 14 – Hardware – Bolts – Rivets – Tools

Miniature Brass Hex Head Bolts

<u>Thread Size</u>	<u>Length</u>	<u>Catalog Number</u>	<u>Price for 10</u>
00-90	3/32	40B903	\$1.45
00-90	1/8	40B904	\$1.45
00-90	3/16	40B906	\$1.45
00-90	1/4	40B908	\$1.80
00-90	5/16	40B9010	\$2.31
00-90	3/8	40B9012	\$2.31
00-90	1/2	40B9016	\$2.99
0-80	3/32	40B803	\$1.45
0-80	1/8	40B804	\$1.45
0-80	5/32	40B805	\$1.45
0-80	3/16	40B806	\$1.45
0-80	1/4	40B808	\$1.80
0-80	5/16	40B8010	\$2.31
0-80	3/8	40B8012	\$2.31
0-80	1/2	40B8016	\$2.66
1-72	3/32	40B723	\$1.45
1-72	1/8	40B724	\$1.45
1-72	3/16	40B726	\$1.45
1-72	1/4	40B728	\$1.80
1-72	5/16	40B7210	\$2.31
1-72	3/8	40B7212	\$2.31
1-72	1/2	40B7216	\$2.66
2-56	1/8	40B564	\$1.45
2-56	3/16	40B566	\$1.45
2-56	1/4	40B568	\$2.31
2-56	3/8	40B5610	\$2.66
2-56	1/2	40B5612	\$2.66

Miniature Brass Hex Nuts

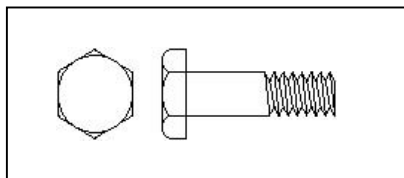
<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
00-90	41B90	\$1.56
0-80	41B80	\$1.56
1-72	41B72	\$1.56
2-56	41B56	\$1.56

Miniature Brass Flat Washers

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
00	42B90	\$1.37
0	42B80	\$1.37
1	42B72	\$1.37
2	42B56	\$1.37

Miniature Nut Drivers

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
00	43B90	\$12.00
0	43B80	\$12.00
1	43B72	\$12.00
2	43B56	\$12.00
Set of 4	43B00	\$39.00

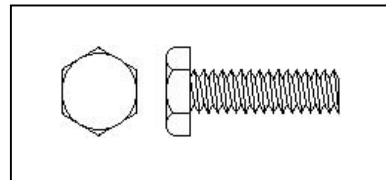


Miniature Stainless Steel Hex Head Bolts

<u>Thread Size</u>	<u>Length</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4-40	1/4	43S48	\$0.66
4-40	3/8	43S412	\$0.70
4-40	1/2	43S416	\$0.75
4-40	5/8	43S420	\$0.88
4-40	3/4	43S424	\$0.82
4-40	1	43S432	\$0.96
6-32	1/4	43S68	\$0.72
6-32	3/8	43S612	\$0.76
6-32	1/2	43S616	\$0.81
6-32	5/8	43S620	\$0.97
6-32	3/4	43S624	\$0.88
6-32	1	43S632	\$1.02
8-32	1/4	43S88	\$0.78
8-32	3/8	43S812	\$0.82
8-32	1/2	43S816	\$0.87
8-32	5/8	43S820	\$0.99
8-32	3/4	43S824	\$0.94
8-32	1	43S832	\$1.08
10-24	1/4	43S108	\$0.86
10-24	3/8	43S1012	\$0.90
10-24	1/2	43S1016	\$0.95
10-24	5/8	43S1020	\$1.04
10-24	3/4	43S1024	\$1.02
10-24	1	43S1032	\$1.16
10-32	1/4	43S1108	\$0.86
10-32	3/8	43S1112	\$0.90
10-32	1/2	43S1116	\$0.95
10-32	5/8	43S1120	\$1.04
10-32	3/4	43S1124	\$1.02
10-32	1	43S1132	\$1.16
10-32	1 1/4	43S1140	\$1.54
10-32	1 1/2	43S1148	\$1.88
10-32	2	43S1164	\$2.18

Miniature Stainless Steel Hex Nuts

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4-40	44S4	\$0.25
6-32	44S6	\$0.30
8-32	44S8	\$0.35
10-24	44S10	\$0.40
10-32	44S11	\$0.40



Dimensions of Bolt Heads and Nuts Listed on this page

<u>Thread Size</u>	<u>Bolt Head or Nut Across Flats</u>	<u>Bolt Head or Nut Thickness</u>
4-40	nominal 3/16" exact 0.186"	0.063"
6-32	nominal 1/4" exact 0.246"	0.091"
8-32	nominal 1/4" exact 0.249"	0.104"
10-24	nominal 5/16" exact 0.307"	0.112"
10-32	nominal 5/16" exact 0.310"	0.112"

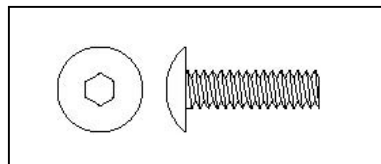
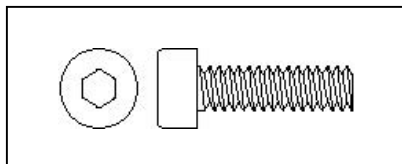
Section 14 – Hardware – Bolts – Rivets – Tools

Stainless Steel Socket Head Cap Screws

<u>Thread Size</u>	<u>Length</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4-40	1/4	50S48	\$0.28
4-40	3/8	50S412	\$0.29
4-40	1/2	50S416	\$0.32
4-40	5/8	50S420	\$0.37
4-40	3/4	50S424	\$0.37
4-40	1	50S432	\$0.38
6-32	1/4	50S68	\$0.38
6-32	3/8	50S612	\$0.40
6-32	1/2	50S616	\$0.40
6-32	5/8	50S620	\$0.40
6-32	3/4	50S624	\$0.41
6-32	1	50S632	\$0.53
8-32	1/4	50S88	\$0.35
8-32	3/8	50S812	\$0.40
8-32	1/2	50S816	\$0.56
8-32	5/8	50S820	\$0.73
8-32	3/4	50S824	\$0.80
8-32	1	50S832	\$0.90
10-24	1/4	50S108	\$0.51
10-24	3/8	50S1012	\$0.67
10-24	1/2	50S1016	\$0.80
10-24	5/8	50S1020	\$0.89
10-24	3/4	50S1024	\$0.95
10-24	1	50S1032	\$1.10
10-32	1/4	50S1108	\$0.51
10-32	3/8	50S1112	\$0.67
10-32	1/2	50S1116	\$0.80
10-32	5/8	50S1120	\$0.89
10-32	3/4	50S1124	\$0.95
10-32	1	50S1132	\$1.10
10-32	1 1/4	50S1140	\$1.26
10-32	1 1/2	50S1148	\$1.44
10-32	2	50S1164	\$2.55

Stainless Steel Button Head Cap Screws

<u>Thread Size</u>	<u>Length</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4-40	1/4	51S48	\$0.28
4-40	3/8	51S412	\$0.37
4-40	1/2	51S416	\$0.41
4-40	5/8	51S420	\$0.47
4-40	3/4	51S424	\$0.51
4-40	1	51S432	\$0.59
6-32	1/4	51S68	\$0.42
6-32	3/8	51S612	\$0.44
6-32	1/2	51S616	\$0.47
6-32	5/8	51S620	\$0.49
6-32	3/4	51S624	\$0.53
6-32	1	51S632	\$0.66
8-32	1/4	51S88	\$0.37
8-32	3/8	51S812	\$0.47
8-32	1/2	51S816	\$0.54
8-32	5/8	51S820	\$0.62
8-32	3/4	51S824	\$0.64
8-32	1	51S832	\$0.90
10-24	1/4	51S108	\$0.55
10-24	3/8	51S1012	\$0.70
10-24	1/2	51S1016	\$0.80
10-24	5/8	51S1020	\$0.85
10-24	3/4	51S1024	\$1.02
10-24	1	51S1032	\$0.65
10-32	1/4	51S1108	\$0.56
10-32	3/8	51S1112	\$0.70
10-32	1/2	51S1116	\$0.80
10-32	5/8	51S1120	\$0.85
10-32	3/4	51S1124	\$1.02
10-32	1	51S1132	\$1.29
10-32	1 1/4	51S1140	\$1.53
10-32	1 1/2	51S1148	\$1.57
10-32	2	51S1164	\$2.86



Stainless Steel Flat Socket Head Cap Screws

<u>Thread Size</u>	<u>Length</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4-40	1/4	52S48	\$0.41
4-40	3/8	52S412	\$0.44
4-40	1/2	52S416	\$0.45
4-40	5/8	52S420	\$0.47
4-40	3/4	52S424	\$0.52
4-40	1	52S432	\$0.65
6-32	1/4	52S68	\$0.47
6-32	3/8	52S612	\$0.49
6-32	1/2	52S616	\$0.59
6-32	5/8	52S620	\$0.65
6-32	3/4	52S624	\$0.72
6-32	1	52S632	\$0.89
8-32	1/4	52S88	\$0.73
8-32	3/8	52S812	\$0.57
8-32	1/2	52S816	\$0.59
8-32	5/8	52S820	\$0.65
8-32	3/4	52S824	\$0.72
8-32	1	52S832	\$0.89
10-24	1/4	52S108	\$0.54
10-24	3/8	52S1012	\$0.83
10-24	1/2	52S1016	\$0.83
10-24	5/8	52S1020	\$0.87
10-24	3/4	52S1024	\$0.98
10-24	1	52S1032	\$1.29
10-32	1/4	52S1108	\$0.97
10-32	3/8	52S1112	\$0.83
10-32	1/2	52S1116	\$0.83
10-32	5/8	52S1120	\$0.87
10-32	3/4	52S1124	\$0.98
10-32	1	52S1132	\$1.29
10-32	1 1/4	52S1140	\$1.72
10-32	1 1/2	52S1148	\$1.96
10-32	2	52S1164	\$3.69

Stainless Steel Hex Machine Nuts

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4-40	20S4	\$0.25
6-32	20S6	\$0.30
8-32	20S8	\$0.35
10-24	20S10	\$0.40
10-32	20S11	\$0.40

Stainless Steel Flat Washers

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4	21S4	\$0.25
6	21S6	\$0.30
8	21S8	\$0.35
10	21S10	\$0.40

Stainless Steel Nylon Insert Lock Nuts

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
4-40	22S4	\$0.70
6-32	22S6	\$0.80
8-32	22S8	\$1.00
10-24	22S610	\$1.30
10-32	22S611	\$1.30

Stainless Steel Lock Washers

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
6	23S6	\$0.30
8	23S8	\$0.35
10	23S10	\$0.40

Stainless Steel Cap (acorn) Nuts

<u>Thread Size</u>	<u>Catalog Number</u>	<u>Price for 10</u>
6-32	24S6	\$0.75
8-32	24S8	\$0.95
10-24	24S10	\$1.20
10-32	24S11	\$1.20

