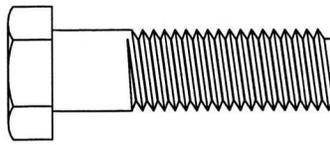


**ASTM A307, Grade A Hex Head Machine Bolts
Hot Dipped Galvanized**

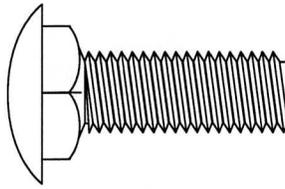
Length	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Length
	1/4-20		3/8-16		1/2-13		5/8-11		3/4-10		7/8-9		1-8		
3/4	2,700	14.99	1,100	34.83	-	-	-	-	-	-	-	-	-	-	3/4
1	-	-	-	-	400	83.33	-	-	-	-	-	-	-	-	1
1 1/4	-	-	800	47.47	375	94.36	-	-	-	-	-	-	-	-	1 1/4
1 1/2	-	-	-	-	-	-	200	184.08	125	293.21	-	-	-	-	1 1/2
1 3/4	-	-	-	-	350	111.02	-	-	-	-	-	-	-	-	1 3/4
2 1/2	-	-	-	-	-	-	-	-	-	-	65	586.42	-	-	2 1/2
3 1/4	-	-	-	-	-	-	-	-	75	498.24	-	-	-	-	3 1/4
3 1/2	-	-	-	-	-	-	-	-	-	-	-	-	35	1003.09	3 1/2
4 1/2	-	-	-	-	-	-	80	432.54	-	-	40	908.30	30	1212.53	4 1/2
5 1/2	-	-	175	177.91	-	-	-	-	-	-	35	1062.62	25	1435.19	5 1/2



**ASTM A307, Grade A Long Length Hex Head Machine Bolts
Undersized Body, Hot Dipped Galvanized**

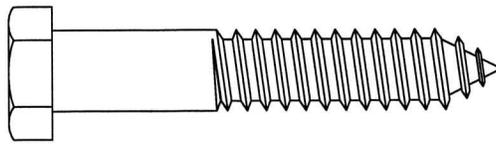
Length	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Length
	7/16-14		1/2-13		5/8-11		3/4-10		
7	120	248.90	120	461.00	70	741.00	50	1090.00	7
8	120	273.59	100	461.00	60	741.00	40	1090.00	8
9	-	-	80	515.00	60	824.00	40	1210.00	9
10	-	-	80	570.00	50	908.00	35	1330.00	10
11	-	-	70	623.00	50	991.00	30	1450.00	11
12	-	-	70	676.00	40	1070.00	25	1580.00	12
14	-	-	60	784.00	40	1113.00	20	1653.00	14
16	-	-	50	900.50	35	1258.00	15	1866.00	16
18	-	-	40	1010.00	30	1403.00	20	2080.00	18
20	-	-	40	1139.78	25	1746.00	20	2548.00	20
22	-	-	35	1252.21	25	1975.32	15	2795.00	22
24	-	-	30	1362.44	-	-	-	-	24

Length	Quantity	Wgt/M	Length								
	7/8-9		1-8		1 1/8-7		1 1/4-7		1 1/2-6		
7	-	-	-	-	18	2324.75	12	3035.07	8	4770.75	7
8	30	1510.00	20	1987.00	16	2595.30	10	3382.96	7	5268.99	8
9	25	1680.00	-	-	-	-	-	-	-	-	9
10	25	1840.00	20	2425.00	12	3136.40	10	4078.73	6	6265.47	10
12	20	2170.00	15	2861.00	10	3687.63	8	4774.50	5	7261.95	12
14	20	2875.00	15	3299.00	9	39.80	7	5608.50	-	-	14
16	15	2875.00	10	3736.00	7	4980.19	7	6302.95	-	-	16
18	15	2149.43	10	4174.00	6	5540.16	6	6997.40	-	-	18
20	15	3234.15	10	4261.49	-	-	-	-	-	-	20
22	10	3575.80	8	4669.30	-	-	-	-	-	-	22
24	10	3917.57	8	5112.47	-	-	-	-	-	-	24
30	-	-	6	5968.01	-	-	-	-	-	-	30



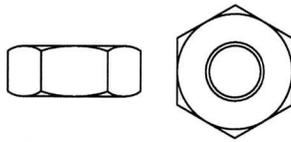
Carriage Bolts
Full Thread Up To 6" Length, Hot Dipped Galvanized

Length	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Length
	1/4-20		5/16-18		3/8-16		1/2-13		5/8-11		3/4-10		
1	3,800	17.20	2,000	29.30	1,000	45.10	-	-	-	-	-	-	1
1 ¼	2,300	19.80	1,200	34.10	1,200	51.70	-	-	-	-	-	-	1 ¼
1 ½	2,800	22.40	1,600	37.60	1,100	57.90	400	116.80	-	-	-	-	1 ½
1 ¾	-	-	-	-	-	-	350	125.00	-	-	-	-	1 ¾
2	1,800	27.50	1,300	46.00	900	70.00	450	135.30	-	-	-	-	2
2 ½	1,300	32.80	1,000	54.30	750	82.30	400	156.40	-	-	-	-	2 ½
3	1,000	37.80	850	62.30	600	94.40	350	178.20	-	-	-	-	3
3 ½	-	-	-	-	-	-	250	200.90	-	-	-	-	3 ½
4	700	48.20	600	70.40	450	118.80	250	223.10	-	-	-	-	4
4 ½	650	53.20	550	79.00	400	131.10	200	245.30	-	-	-	-	4 ½
5	600	58.50	500	87.10	350	143.20	200	267.50	-	-	-	-	5
5 ½	400	64.30	450	95.50	300	155.50	175	289.70	-	-	-	-	5 ½
6	500	68.90	400	103.80	300	167.60	175	312.20	-	-	-	-	6
7	-	-	-	-	250	193.20	150	354.20	-	-	-	-	7
8	-	-	-	-	250	217.80	130	398.20	-	-	-	-	8
9	-	-	-	-	-	-	100	440.00	-	-	-	-	9
10	-	-	-	-	200	262.20	100	484.00	60	884.00	40	1300.00	10
12	-	-	-	-	150	311.10	80	574.20	50	1064.00	35	1540.00	12
14	-	-	-	-	-	-	70	775.00	40	1220.00	30	1750.00	14
16	-	-	-	-	-	-	-	-	35	1380.00	25	2020.00	16
18	-	-	-	-	-	-	-	-	35	1540.00	25	2260.00	18



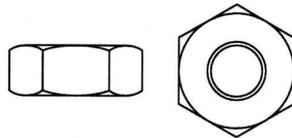
Hex Lag Screws Hot Dipped Galvanized

Length	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Quantity	Wgt/M	Length
	1/4-20		5/16-9		3/8-7		1/2-6		3/4		
1	3,500	15.40	-	-	1,300	33.10	-	-	-	-	1
1 ¼	-	-	1,700	27.12	-	-	-	-	-	-	1 ¼
1 ½	2,500	21.00	1,300	37.00	900	53.00	500	94.36	-	-	1 ½
1 ¾	-	-	1,300	35.10	-	-	-	-	-	-	1 ¾
2	1,900	26.60	1,000	45.80	800	65.60	375	133.00	-	-	2
2 ½	1,500	32.30	900	54.60	750	78.20	300	155.00	100	352.74	2 ½
3	1,200	37.80	850	63.50	600	91.00	275	178.00	100	440.92	3
3 ½	1,200	43.40	750	72.30	500	104.00	250	200.00	90	496.04	3 ½
4	1,000	49.00	700	81.20	400	116.00	200	223.00	80	562.17	4
4 ½	900	54.60	600	90.00	375	128.50	200	246.00	70	606.27	4 ½
5	750	60.10	500	98.70	350	141.00	175	269.00	60	661.38	5
5 ½	-	-	-	-	300	154.00	150	289.70	-	-	5 ½
6	600	71.20	400	116.00	250	166.00	150	314.00	60	782.63	6
7	-	-	-	-	250	191.00	125	359.00	50	881.84	7
8	-	-	-	-	200	216.00	100	404.00	40	992.07	8
9	-	-	-	-	-	-	100	436.51	40	1124.35	9
10	-	-	-	-	180	260.14	100	494.00	40	1166.23	10
12	-	-	-	-	150	308.64	100	584.00	30	1402.13	12
14	-	-	-	-	-	-	-	-	30	1644.63	14
16	-	-	-	-	-	-	-	-	40	1882.73	16
18	-	-	-	-	-	-	-	-	25	2123.03	18
20	-	-	-	-	-	-	-	-	20	2361.13	20



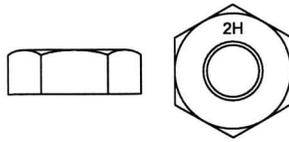
**Finished Hex Nuts
Hot Dipped Galvanized**

Size	Across Flats	Thickness	Tapped Oversize	Quantity	Wgt/M
1/4 - 20	7/16	7/32	0.016	7,000	7.40
5/16 - 18	1/2	17/64	0.017	5,000	11.00
3/8 - 16	9/16	21/64	0.017	3,000	16.00
1/2 - 13	3/4	7/16	0.018	1,500	37.50
5/8 - 11	15/16	39/64	0.020	800	73.30
3/4 - 10	1 1/8	41/64	0.020	500	119.00
7/8 - 9	1 5/16	3/4	0.022	300	190.00
1 - 8	1 1/2	59/64	0.024	200	283.00
1 1/8 - 7	1 11/16	31/32	0.024	150	403.00
1 1/4 - 7	1 7/8	1 1/16	0.024	100	543.00
1 1/2 - 6	2 1/4	1 9/32	0.027	65	943.00
1 3/8 - 6	2 1/16	1 11/64	-	60	730.00
1 3/4 - 5	2 3/8	1 1/2	-	30	1479.00
2 - 4 1/2	3	1 23/32	-	20	2194.00



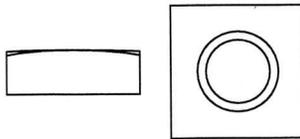
**Heavy Hex Nuts
Hot Dipped Galvanized**

Size	Across Flats	Thickness	Tapped Oversize	Quantity	Wgt/M
1/2 - 13	7/8	31/64	0.180	900	65.40
5/8 - 11	1 1/16	39/64	0.200	500	119.00
3/4 - 10	1 1/4	47/64	0.200	300	193.00
7/8 - 9	1 7/16	55/64	0.220	200	297.00
1 - 8	1 5/8	63/64	0.240	150	425.00
1 1/8 - 7	1 13/16	1 7/64	0.240	100	592.00
1 1/4 - 7	2	1 7/32	0.240	70	786.00
1 1/2 - 6	2 3/8	1 15/32	0.270	45	1310.00
1 3/4 - 5	2 3/4	1 23/32	-	20	2043.00
2 - 4 1/2	3 1/8	1 31/32	-	15	2998.00
2 - 4	3 7/8	2 29/64	-	8	5650.00
3 - 4	4 5/8	2 61/64	-	5	9519.00
3 1/2 - 4	5 3/8	3 7/16	-	3	15291.00



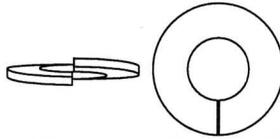
**ASTM A194 Grade 2H Heavy Hex Nuts
Hot Dipped Galvanized**

Size	Across Flats	Thickness	Tapped Oversize	Quantity	Wgt/M
1/2-13	7/8	31/64	.018	700	65.40
5/8-11	1 1/16	39/64	.020	400	119.00
3/4-10	1 1/4	47/64	.020	250	193.00
7/8-9	1 7/16	55/64	.022	160	297.00
1-8	1 5/8	63/64	.024	100	425.00
1 1/8-7	1 13/16	1 7/64	.024	80	592.00
1 1/8-8	1 13/16	1 7/64	.024	80	592.00
1 1/4-7	2	1 7/32	.024	60	786.00
1 1/4-8	2	1 7/32	.024	60	786.00
1 3/8-6	2 3/16	1 11/32	.027	45	1022.30
1 3/8-8	2 3/8	1 11/32	.027	45	1306.70
1 1/2-6	2 3/8	1 15/32	.027	35	1306.70
1 1/2-8	2 3/8	1 15/32	.027	35	2040.00
1 3/4-5	2 3/4	1 23/32	.050	20	3000.00
2-4 1/2	3 1/8	1 31/32	.050	15	3000.00
2-8	3 1/8	1 31/32	.050	15	4190.00
2 1/4-4 1/2	3 1/2	2 13/64	.050	10	4190.00
2 1/4-8	3 1/2	2 13/64	.050	10	5640.00
2 1/2-4	3 7/8	2 29/64	.050	8	3355.00
2 3/4-4	4 1/4	2 45/64	.050	6	3355.00



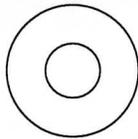
**Regular Square Nuts
Hot Dipped Galvanized**

Size	Across Flats	Thickness	Tapped Oversize	Quantity	Wgt/M
1/2 - 13	1 13/16	7/16	0.018	1,300	50.70
5/8 - 11	1	35/64	0.020	650	96.50
3/4 - 10	1 1/8	21/32	0.020	400	146.00
7/8 - 9	1 5/16	49/64	0.022	250	245.00
1 - 8	1 1/2	7/8	0.024	150	363.00



**Medium Split Lock Washers
Hot Dipped Galvanized**

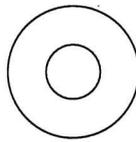
Size	I.D.	O.D.	Quantity	Wgt/M
1/4	0.260	0.487	22,500	2.03
5/16	0.322	0.583	12,500	2.75
3/8	0.385	0.680	8,000	5.73
7/16	0.450	0.776	5,500	8.82
1/2	0.512	0.869	3,750	12.17
5/8	0.641	1.070	2,000	22.05
3/4	0.766	1.265	1,250	37.48
7/8	0.894	1.459	750	59.57
1	1.024	1.656	500	83.77
1 1/8	1.153	1.847	375	127.87



**Flat Washers
Hot Dipped Galvanized**

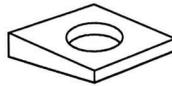
Size	I.D.	O.D.	50# Ctn Quantity	Wgt/M
USS Flat Washers*				
1/4	5/16	3/4	7,450	6.70
5/16	3/8	7/8	4,050	11.10
3/8	7/16	1	3,350	14.90
1/2	9/16	1 3/8	1,300	38.50
5/8	1 1/16	1 3/4	650	77.00
3/4	1 3/16	2	455	110.00
7/8	1 5/16	2 1/4	325	153.00
1	1 1/2	2 1/2	265	188.00

* Approximate quantities shown



**SAE / F436 Flat Structural Washers
Hot Dipped Galvanized**

Size	I.D.	O.D.	Thickness	Quantity	Wgt/M
1/2	17/32	1 1/16	.097	2,500	18.70
5/8	11/16	1 3/16	.122	1,250	35.70
3/4	13/16	1 15/32	.122	1,125	40.30
7/8	15/16	1 3/4	.136	625	69.40
1	1 1/8	2	.136	500	97.00
1 1/8	1 1/4	2 1/4	.136	400	112.80
1 1/4	1 3/8	2 1/2	.136	300	141.00
1 1/2	1 5/8	3	.136	200	173.00



**Square Beveled Malleable Washers
Hot Dipped Galvanized**

Size	I.D.	O.D.	Thickness	Quantity	Wgt/M
3/8	7/16	1 1/4	0.23	600	74.00
1/2	9/16	1 1/4	0.23	600	77.00
5/8	11/16	1 1/2	0.25	300	131.00
3/4	13/16	1 1/2	0.31	300	141.00
7/8	15/16	2	0.39	100	325.00
1	1 1/16	2	0.39	100	294.00



**Round Malleable Washers
Hot Dipped Galvanized**

Size	I.D.	O.D.	Thickness	Quantity	Wgt/M
3/8	0.430	2.500	0.24	230	176.00
1/2	0.590	2.500	0.24	190	212.00
5/8	0.720	2.750	0.32	140	313.00
3/4	0.840	3.000	0.42	95	414.00
7/8	0.950	3.500	0.51	75	550.00
1	1.160	3.750	0.53	65	683.00
1 1/8	1.220	4.500	0.53	45	960.00
1 1/4	1.340	5.000	0.70	30	1210.00