



Grade 2 Hex Cap Screw Zinc Plated

- Grade 2 bolts conform to ASTM A307 Grade A.
- Grade 2 bolts are zinc plated to meet ASTM Specification F1941.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 1,900 lbf	5/16" - 3,100 lbf
3/8" - 4,650 lbf	1/2" - 8,500 lbf
5/8" - 13,550 lbf	3/4" - 20,050 lbf
- Recommended torque strength:

1/4" - 3.93 ft lb	5/16" - 8.09 ft lb
3/8" - 14.38 ft lb	1/2" - 35.12 ft lb
5/8" - 70 ft lb	3/4" - 124 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
1271	1/4"-20 x 1/2"	1/2"	7/16"	100	1,600
1273	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
1027	1/4"-20 x 1"	3/4"	7/16"	100	1,600
1270	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
1802	1/4"-20 x 1 1/2"	3/4"	7/16"	100	1,600
1272	1/4"-20 x 2"	3/4"	7/16"	100	800
49060	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
49070	1/4"-20 x 3"	3/4"	7/16"	100	400
49080	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
49100	1/4"-20 x 4"	3/4"	7/16"	100	400
49110	1/4"-20 x 4 1/2"	3/4"	7/16"	100	400
49120	1/4"-20 x 5"	3/4"	7/16"	100	400
49130	1/4"-20 x 5 1/2"	3/4"	7/16"	100	400
49140	1/4"-20 x 6"	3/4"	7/16"	100	400
49150	5/16"-18 x 1/2"	1/2"	1/2"	100	1,600
1284	5/16"-18 x 3/4"	3/4"	1/2"	100	1,600
1283	5/16"-18 x 1"	7/8"	1/2"	100	800
1684	5/16"-18 x 1 1/4"	7/8"	1/2"	100	800
1282	5/16"-18 x 1 1/2"	7/8"	1/2"	100	800
49200	5/16"-18 x 2"	7/8"	1/2"	100	400
49210	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
10130	5/16"-18 x 3"	7/8"	1/2"	100	400
49230	5/16"-18 x 3 1/2"	7/8"	1/2"	100	400
49240	5/16"-18 x 4"	7/8"	1/2"	100	400
49250	5/16"-18 x 4 1/2"	7/8"	1/2"	100	400
49260	5/16"-18 x 5"	7/8"	1/2"	100	100
49270	5/16"-18 x 5 1/2"	7/8"	1/2"	100	100
49280	5/16"-18 x 6"	7/8"	1/2"	100	100
49290	3/8"-16 x 1/2"	1/2"	9/16"	100	800
49300	3/8"-16 x 3/4"	3/4"	9/16"	100	800
1278	3/8"-16 x 1 1/4"	1"	9/16"	100	800
8903	3/8"-16 x 1 1/2"	1"	9/16"	100	400
1280	3/8"-16 x 2"	1"	9/16"	100	400
1011	3/8"-16 x 2 1/2"	1"	9/16"	100	400
703	3/8"-16 x 3"	1"	9/16"	100	400
49370	3/8"-16 x 3 1/2"	1"	9/16"	100	400
49380	3/8"-16 x 4"	1"	9/16"	100	100
49390	3/8"-16 x 4 1/2"	1"	9/16"	100	100
49400	3/8"-16 x 5"	1"	9/16"	100	100
49410	3/8"-16 x 5 1/2"	1"	9/16"	100	100
49420	3/8"-16 x 6"	1"	9/16"	100	100
49430	1/2"-13 x 3/4"	3/4"	3/4"	100	400
49440	1/2"-13 x 1"	1"	3/4"	100	400

Grade 2 Hex Cap Screw Zinc Plated (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
49450	1/2"-13 x 1 1/4"	1 1/4"	3/4"	100	400
8902	1/2"-13 x 1 1/2"	1 1/4"	3/4"	100	400
49470	1/2"-13 x 2"	1 1/4"	3/4"		100
49480	1/2"-13 x 2 1/2"	1 1/4"	3/4"		100
49500	1/2"-13 x 3"	1 1/4"	3/4"		100
49510	1/2"-13 x 3 1/2"	1 1/4"	3/4"		100
49520	1/2"-13 x 4"	1 1/4"	3/4"		100
49530	1/2"-13 x 4 1/2"	1 1/4"	3/4"		100
49540	1/2"-13 x 5"	1 1/4"	3/4"		100
49550	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
49560	1/2"-13 x 6"	1 1/4"	3/4"		100
49570	1/2"-13 x 8"	1 1/4"	3/4"		25
49580	1/2"-13 x 10"	1 1/4"	3/4"		50
49590	1/2"-13 x 12"	1 1/4"	3/4"		50
49600	1/2"-13 x 14"	1 1/4"	3/4"		50
49610	5/8"-11 x 1"	1"	15/16"		100
49620	5/8"-11 x 1 1/4"	1 1/4"	15/16"	100	400
49630	5/8"-11 x 1 1/2"	1 1/2"	15/16"		100
49640	5/8"-11 x 2"	1 1/2"	15/16"		80
49650	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
49660	5/8"-11 x 3"	1 1/2"	15/16"		50
49670	5/8"-11 x 3 1/2"	1 1/2"	15/16"		100
49680	5/8"-11 x 4"	1 1/2"	15/16"		100
49700	5/8"-11 x 5"	1 1/2"	15/16"		100
49710	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
49720	5/8"-11 x 6"	1 1/2"	15/16"		50
49730	5/8"-11 x 8"	1 1/2"	15/16"		50
49740	5/8"-11 x 10"	1 1/2"	15/16"		50
49750	5/8"-11 x 12"	1 1/2"	15/16"		50
49760	5/8"-11 x 14"	1 1/2"	15/16"		50
49770	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
49780	3/4"-10 x 2"	1 3/4"	1 1/8"		100
49790	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
49800	3/4"-10 x 3"	1 3/4"	1 1/8"		100
49810	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
49820	3/4"-10 x 4"	1 3/4"	1 1/8"		20
49830	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
49840	3/4"-10 x 5"	1 3/4"	1 1/8"		50
49850	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
49860	3/4"-10 x 6"	1 3/4"	1 1/8"		50
49870	3/4"-10 x 8"	1 3/4"	1 1/8"		50
49880	3/4"-10 x 10"	1 3/4"	1 1/8"		50
49890	3/4"-10 x 12"	1 3/4"	1 1/8"		50
49900	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS



Grade 2 Hex Tap Bolt Zinc Plated

- Grade 2 bolts conform to ASTM A307 Grade A..
- All tap bolts are fully threaded.
- Grade 2 bolts are zinc plated to meet ASTM Specification F1941.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 1,900 lbf	5/16" - 3,100 lbf
3/8" - 4,650 lbf	1/2" - 8,500 lbf
5/8" - 13,550 lbf	3/4" - 20,050 lbf
- Recommended torque strength:

1/4" - 3.93 ft lb	5/16" - 8.09 ft lb
3/8" - 14.38 ft lb	1/2" - 35.12 ft lb
5/8" - 70 ft lb	3/4" - 124 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
21050	1/4"-20 x 1/2"	1/2"	7/16"	100	1,600
21051	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
21052	1/4"-20 x 1"	3/4"	7/16"	100	1,600
21053	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
21054	1/4"-20 x 1 1/2"	3/4"	7/16"	100	1,600
21055	1/4"-20 x 2"	3/4"	7/16"	100	800
21056	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
21057	1/4"-20 x 3"	3/4"	7/16"	100	400
21058	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
21059	1/4"-20 x 4"	3/4"	7/16"	100	400
21060	1/4"-20 x 4 1/2"	3/4"	7/16"	100	400
21061	1/4"-20 x 5"	3/4"	7/16"	100	400
21062	1/4"-20 x 5 1/2"	3/4"	7/16"	100	400
21063	1/4"-20 x 6"	3/4"	7/16"	100	400
21064	5/16"-18 x 1/2"	1/2"	1/2"	100	1,600
21065	5/16"-18 x 3/4"	3/4"	1/2"	100	1,600
21066	5/16"-18 x 1"	7/8"	1/2"	100	800
21067	5/16"-18 x 1 1/4"	7/8"	1/2"	100	400
21068	5/16"-18 x 1 1/2"	7/8"	1/2"	100	400
21069	5/16"-18 x 2"	7/8"	1/2"	100	400
21070	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
21071	5/16"-18 x 3"	7/8"	1/2"		100
21072	5/16"-18 x 3 1/2"	7/8"	1/2"		100
21073	5/16"-18 x 4"	7/8"	1/2"		100
21074	5/16"-18 x 4 1/2"	7/8"	1/2"		100
21075	5/16"-18 x 5"	7/8"	1/2"		100
21076	5/16"-18 x 5 1/2"	7/8"	1/2"		100
21077	5/16"-18 x 6"	7/8"	1/2"		100
1279	3/8"-16 x 1/2"	1/2"	9/16"	100	800
1281	3/8"-16 x 3/4"	3/4"	9/16"	100	1,200
21081	3/8"-16 x 1 1/4"	1"	9/16"	100	400
21082	3/8"-16 x 1 1/2"	1"	9/16"	100	400
21083	3/8"-16 x 2"	1"	9/16"	100	400
21084	3/8"-16 x 2 1/2"	1"	9/16"	100	400
21085	3/8"-16 x 3"	1"	9/16"		100
21086	3/8"-16 x 3 1/2"	1"	9/16"		100
21087	3/8"-16 x 4"	1"	9/16"		100
21088	3/8"-16 x 4 1/2"	1"	9/16"		100
21089	3/8"-16 x 5"	1"	9/16"		100
21090	3/8"-16 x 5 1/2"	1"	9/16"		100
21091	3/8"-16 x 6"	1"	9/16"		100
21092	1/2"-13 x 3/4"	3/4"	3/4"		100
21093	1/2"-13 x 1"	1"	3/4"		100

Grade 2 Hex Tap Bolt Zinc Plated (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
21094	1/2"-13 x 1 1/4"	1 1/4"	3/4"		100
21095	1/2"-13 x 1 1/2"	1 1/4"	3/4"		100
90100	1/2"-13 x 2"	1 1/4"	3/4"		100
21096	1/2"-13 x 2 1/2"	1 1/4"	3/4"		100
21097	1/2"-13 x 3"	1 1/4"	3/4"		100
21098	1/2"-13 x 3 1/2"	1 1/4"	3/4"		100
21099	1/2"-13 x 4"	1 1/4"	3/4"		100
21101	1/2"-13 x 4 1/2"	1 1/4"	3/4"		100
21102	1/2"-13 x 5"	1 1/4"	3/4"		100
21103	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
21104	1/2"-13 x 6"	1 1/4"	3/4"		100
21105	1/2"-13 x 8"	1 1/4"	3/4"		50
21106	1/2"-13 x 10"	1 1/4"	3/4"		50
21107	1/2"-13 x 12"	1 1/4"	3/4"		50
21108	1/2"-13 x 14"	1 1/4"	3/4"		50
21109	5/8"-11 x 1"	1"	15/16"		100
21110	5/8"-11 x 1 1/4"	1 1/4"	15/16"		100
21112	5/8"-11 x 1 1/2"	1 1/2"	15/16"		100
21113	5/8"-11 x 2"	1 1/2"	15/16"		100
21114	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
21115	5/8"-11 x 3"	1 1/2"	15/16"		100
1289	5/8"-11 x 3 1/2"	1 1/2"	15/16"	25	200
21117	5/8"-11 x 4"	1 1/2"	15/16"		100
21118	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
21119	5/8"-11 x 5"	1 1/2"	15/16"		100
21120	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
21121	5/8"-11 x 6"	1 1/2"	15/16"		50
21122	5/8"-11 x 8"	1 1/2"	15/16"		50
21123	5/8"-11 x 10"	1 1/2"	15/16"		50
21124	5/8"-11 x 12"	1 1/2"	15/16"		50
21125	5/8"-11 x 14"	1 1/2"	15/16"		50
21126	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
21127	3/4"-10 x 2"	1 3/4"	1 1/8"		100
21128	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
21129	3/4"-10 x 3"	1 3/4"	1 1/8"		100
21130	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
21131	3/4"-10 x 4"	1 3/4"	1 1/8"		50
21132	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
21133	3/4"-10 x 5"	1 3/4"	1 1/8"		50
21134	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
21135	3/4"-10 x 6"	1 3/4"	1 1/8"		50
21136	3/4"-10 x 8"	1 3/4"	1 1/8"		50
21137	3/4"-10 x 10"	1 3/4"	1 1/8"		50
21138	3/4"-10 x 12"	1 3/4"	1 1/8"		50
21139	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS



Grade 5 Hex Cap Screw Zinc Plated

- Grade 5 bolts conform to ASTM A449 Type 1 and SAE J429 Grade 5.
- Grade 5 bolts are zinc plated to meet ASTM Specification F1941.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 3,800 lbf	5/16" - 6,300 lbf
3/8" - 9,300 lbf	1/2" - 17,050 lbf
5/8" - 27,100 lbf	3/4" - 40,100 lbf
- Recommended torque strength:

1/4" - 10 ft lb	5/16" - 20.6 ft lb
3/8" - 36.6 ft lb	1/2" - 89.6 ft lb
5/8" - 178.7 ft lb	3/4" - 316.8 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
50010	1/4"-20 x 1/2"	1/2"	7/16"	100	1,600
50020	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
50030	1/4"-20 x 1"	3/4"	7/16"	100	1,600
50040	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
50050	1/4"-20 x 1 1/2"	3/4"	7/16"	100	1,600
50060	1/4"-20 x 2"	3/4"	7/16"	100	800
50070	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
50080	1/4"-20 x 3"	3/4"	7/16"	100	400
50090	1/4"-20 x 3 1/2"	3/4"	7/16"	100	800
50091	1/4"-20 x 4"	3/4"	7/16"	100	800
50092	1/4"-20 x 4 1/2"	3/4"	7/16"	100	400
50120	1/4"-20 x 5"	3/4"	7/16"	100	400
50130	1/4"-20 x 5 1/2"	3/4"	7/16"	100	400
50140	1/4"-20 x 6"	3/4"	7/16"		100
50150	5/16"-18 x 1/2"	1/2"	1/2"	100	800
50160	5/16"-18 x 3/4"	3/4"	1/2"	100	800
50170	5/16"-18 x 1"	7/8"	1/2"	100	800
50180	5/16"-18 x 1 1/4"	7/8"	1/2"	100	800
50190	5/16"-18 x 1 1/2"	7/8"	1/2"	100	400
50200	5/16"-18 x 2"	7/8"	1/2"	100	400
50210	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
50220	5/16"-18 x 3"	7/8"	1/2"		100
50230	5/16"-18 x 3 1/2"	7/8"	1/2"		100
50240	5/16"-18 x 4"	7/8"	1/2"		100
50250	5/16"-18 x 4 1/2"	7/8"	1/2"		100
50260	5/16"-18 x 5"	7/8"	1/2"		100
50270	5/16"-18 x 5 1/2"	7/8"	1/2"		100
50280	5/16"-18 x 6"	7/8"	1/2"		100
50290	3/8"-16 x 1/2"	1/2"	9/16"	100	400
50327	3/8"-16 x 3/4"	3/4"	9/16"	100	400
50328	3/8"-16 x 1"	1"	9/16"	100	800
50329	3/8"-16 x 1 1/4"	1"	9/16"		100
50330	3/8"-16 x 1 1/2"	1"	9/16"	100	800
50341	3/8"-16 x 2"	1"	9/16"		100
50350	3/8"-16 x 2 1/2"	1"	9/16"		100
50360	3/8"-16 x 3"	1"	9/16"		100
50370	3/8"-16 x 3 1/2"	1"	9/16"		100
50380	3/8"-16 x 4"	1"	9/16"		100
50390	3/8"-16 x 4 1/2"	1"	9/16"		100
50400	3/8"-16 x 5"	1"	9/16"		100
50410	3/8"-16 x 5 1/2"	1"	9/16"		100
50420	3/8"-16 x 6"	1"	9/16"		100
50430	1/2"-13 x 3/4"	3/4"	3/4"		100
50440	1/2"-13 x 1"	1"	3/4"	50	400

Grade 5 Hex Cap Screw Zinc Plated (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
50450	1/2"-13 x 1 1/4"	1 1/4"	3/4"	50	400
1685	1/2"-13 x 1 1/2"	1 1/4"	3/4"	50	400
50470	1/2"-13 x 2"	1 1/4"	3/4"		100
50480	1/2"-13 x 2 1/2"	1 1/4"	3/4"	50	200
50491	1/2"-13 x 3"	1 1/4"	3/4"		100
50592	1/2"-13 x 3 1/2"	1 1/4"	3/4"	25	100
50510	1/2"-13 x 4"	1 1/4"	3/4"		100
50520	1/2"-13 x 4 1/2"	1 1/4"	3/4"		100
50530	1/2"-13 x 5"	1 1/4"	3/4"		100
50540	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
50550	1/2"-13 x 6"	1 1/4"	3/4"		100
50560	1/2"-13 x 8"	1 1/4"	3/4"		50
50570	1/2"-13 x 10"	1 1/4"	3/4"		50
50580	1/2"-13 x 12"	1 1/4"	3/4"		50
50590	1/2"-13 x 14"	1 1/4"	3/4"		50
50600	5/8"-11 x 1"	1"	15/16"		100
50610	5/8"-11 x 1 1/4"	1 1/4"	15/16"		100
50620	5/8"-11 x 1 1/2"	1 1/2"	15/16"		100
50630	5/8"-11 x 2"	1 1/2"	15/16"		100
50640	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
50650	5/8"-11 x 3"	1 1/2"	15/16"		100
50660	5/8"-11 x 3 1/2"	1 1/2"	15/16"		100
50670	5/8"-11 x 4"	1 1/2"	15/16"		100
50680	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
50690	5/8"-11 x 5"	1 1/2"	15/16"		100
50691	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
5071	5/8"-11 x 6"	1 1/2"	15/16"		50
5072	5/8"-11 x 8"	1 1/2"	15/16"		50
45073	5/8"-11 x 10"	1 1/2"	15/16"		50
50714	5/8"-11 x 12"	1 1/2"	15/16"		50
45075	5/8"-11 x 14"	1 1/2"	15/16"		25
5076	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
5077	3/4"-10 x 2"	1 3/4"	1 1/8"		100
5078	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
5079	3/4"-10 x 3"	1 3/4"	1 1/8"		100
50801	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
50802	3/4"-10 x 4"	1 3/4"	1 1/8"		50
50803	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
50804	3/4"-10 x 5"	1 3/4"	1 1/8"		50
50805	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
450806	3/4"-10 x 6"	1 3/4"	1 1/8"		50
50807	3/4"-10 x 8"	1 3/4"	1 1/8"		50
50808	3/4"-10 x 10"	1 3/4"	1 1/8"		50
50809	3/4"-10 x 12"	1 3/4"	1 1/8"		50
50810	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS



Grade 8.8 Hex Cap Screw Zinc Yellow Plated

- Grade 8.8 bolts conform to ASTM A354 Grade BD and SAE J429 Grade 8.
- Grade 8.8 bolts are zinc yellow plated to meet ASTM Specification F1941.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 4,750 lbf	5/16" - 7,850 lbf
3/8" - 11,650 lbf	1/2" - 21,300 lbf
5/8" - 33,900 lbf	3/4" - 50,100 lbf
- Recommended torque strength:

1/4" - 14.2 ft lb	5/16" - 29.1 ft lb
3/8" - 51.8 ft lb	1/2" - 126.6 ft lb
5/8" - 252.4 ft lb	3/4" - 447.6 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
60100	1/4"-20 x 1/2"	1/2"	7/16"	100	400
60110	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
60120	1/4"-20 x 1"	3/4"	7/16"	100	1,600
60130	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
60140	1/4"-20 x 1 1/2"	3/4"	7/16"	100	400
60150	1/4"-20 x 2"	3/4"	7/16"	100	800
60160	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
60170	1/4"-20 x 3"	3/4"	7/16"	100	400
60180	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
60190	1/4"-20 x 4"	3/4"	7/16"	100	400
60200	1/4"-20 x 4 1/2"	3/4"	7/16"	100	400
60210	1/4"-20 x 5"	3/4"	7/16"	100	400
60220	1/4"-20 x 5 1/2"	3/4"	7/16"		100
60230	1/4"-20 x 6"	3/4"	7/16"		100
60240	5/16"-18 x 1/2"	1/2"	1/2"	100	1,600
60250	5/16"-18 x 3/4"	3/4"	1/2"	100	400
60260	5/16"-18 x 1"	7/8"	1/2"	100	400
60270	5/16"-18 x 1 1/4"	7/8"	1/2"		100
60280	5/16"-18 x 1 1/2"	7/8"	1/2"		100
60290	5/16"-18 x 2"	7/8"	1/2"		100
60300	5/16"-18 x 2 1/2"	7/8"	1/2"		100
60310	5/16"-18 x 3"	7/8"	1/2"		100
60320	5/16"-18 x 3 1/2"	7/8"	1/2"		100
60330	5/16"-18 x 4"	7/8"	1/2"		100
60340	5/16"-18 x 4 1/2"	7/8"	1/2"		100
60350	5/16"-18 x 5"	7/8"	1/2"		100
60360	5/16"-18 x 5 1/2"	7/8"	1/2"		100
60370	5/16"-18 x 6"	7/8"	1/2"		100
60380	3/8"-16 x 1/2"	1/2"	9/16"	100	800
60390	3/8"-16 x 3/4"	3/4"	9/16"		100
60400	3/8"-16 x 1"	1"	9/16"		100
60410	3/8"-16 x 1 1/4"	1"	9/16"	100	800
60420	3/8"-16 x 1 1/2"	1"	9/16"	100	400
60430	3/8"-16 x 2"	1"	9/16"		100
60440	3/8"-16 x 2 1/2"	1"	9/16"		100
60450	3/8"-16 x 3"	1"	9/16"		100
60460	3/8"-16 x 3 1/2"	1"	9/16"		100
60470	3/8"-16 x 4"	1"	9/16"		100
60480	3/8"-16 x 4 1/2"	1"	9/16"		100
60490	3/8"-16 x 5"	1"	9/16"		100
60500	3/8"-16 x 5 1/2"	1"	9/16"		100
60510	3/8"-16 x 6"	1"	9/16"		100
60520	1/2"-13 x 3/4"	3/4"	3/4"		100
60530	1/2"-13 x 1"	1"	3/4"		100

Grade 8.8 Hex Cap Screw Zinc Yellow Plated (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
60540	1/2"-13 x 1 1/4"	1 1/4"	3/4"		100
60550	1/2"-13 x 1 1/2"	1 1/4"	3/4"		100
60560	1/2"-13 x 2"	1 1/4"	3/4"		100
60570	1/2"-13 x 2 1/2"	1 1/4"	3/4"		100
60580	1/2"-13 x 3"	1 1/4"	3/4"		50
60590	1/2"-13 x 3 1/2"	1 1/4"	3/4"		50
60600	1/2"-13 x 4"	1 1/4"	3/4"		100
60610	1/2"-13 x 4 1/2"	1 1/4"	3/4"		100
60620	1/2"-13 x 5"	1 1/4"	3/4"		100
60630	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
60640	1/2"-13 x 6"	1 1/4"	3/4"		100
60650	1/2"-13 x 8"	1 1/4"	3/4"		50
60660	1/2"-13 x 10"	1 1/4"	3/4"		50
60670	1/2"-13 x 12"	1 1/4"	3/4"		50
60680	1/2"-13 x 14"	1 1/4"	3/4"		100
60690	5/8"-11 x 1"	1"	15/16"		100
60700	5/8"-11 x 1 1/4"	1 1/4"	15/16"		100
60710	5/8"-11 x 1 1/2"	1 1/2"	15/16"		100
60720	5/8"-11 x 2"	1 1/2"	15/16"		100
60730	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
60740	5/8"-11 x 3"	1 1/2"	15/16"		100
60750	5/8"-11 x 3 1/2"	1 1/2"	15/16"		100
60760	5/8"-11 x 4"	1 1/2"	15/16"		100
60770	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
60780	5/8"-11 x 5"	1 1/2"	15/16"		100
60790	5/8"-11 x 5 1/2"	1 1/2"	15/16"		50
60800	5/8"-11 x 6"	1 1/2"	15/16"		50
60810	5/8"-11 x 8"	1 1/2"	15/16"		50
60820	5/8"-11 x 10"	1 1/2"	15/16"		50
60830	5/8"-11 x 12"	1 1/2"	15/16"		50
60840	5/8"-11 x 14"	1 1/2"	15/16"		50
60850	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
60860	3/4"-10 x 2"	1 3/4"	1 1/8"		100
60870	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
60880	3/4"-10 x 3"	1 3/4"	1 1/8"		100
60890	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
60900	3/4"-10 x 4"	1 3/4"	1 1/8"		50
60910	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
60920	3/4"-10 x 5"	1 3/4"	1 1/8"		50
60930	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
60940	3/4"-10 x 6"	1 3/4"	1 1/8"		50
60950	3/4"-10 x 8"	1 3/4"	1 1/8"		50
60960	3/4"-10 x 10"	1 3/4"	1 1/8"		50
60970	3/4"-10 x 12"	1 3/4"	1 1/8"		50
60980	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS



Grade 2 Hex Cap Screw Hot Dip Galvanized

- Grade 2 Bolts conform to ASTM A307.
- Bolts are hot dip galvanized to meet ASTM Specification A153.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 1,900 lbf	5/16" - 3,100 lbf
3/8" - 4,650 lbf	1/2" - 8,500 lbf
5/8" - 13,550 lbf	3/4" - 20,050 lbf
- Recommended torque strength:

1/4" - 4.1 ft lb	5/16" - 8.4 ft lb
3/8" - 15 ft lb	1/2" - 36.6 ft lb
5/8" - 73 ft lb	3/4" - 129 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
1271G	1/4"-20 x 1/2"	1/2"	7/16"	100	1600
1273G	1/4"-20 x 3/4"	3/4"	7/16"	100	1600
1027G	1/4"-20 x 1"	3/4"	7/16"	100	1600
1270G	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1600
1802G	1/4"-20 x 1 1/2"	3/4"	7/16"	100	1600
49450G	1/4"-20 x 1 3/4"	3/4"	7/16"	100	1600
1272G	1/4"-20 x 2"	3/4"	7/16"	100	800
49455G	1/4"-20 x 2 1/4"	3/4"	7/16"	100	400
49060G	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
49062G	1/4"-20 x 2 3/4"	3/4"	7/16"	100	400
49070G	1/4"-20 x 3"	3/4"	7/16"	100	400
49080G	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
49100G	1/4"-20 x 4"	3/4"	7/16"	100	400
49110G	1/4"-20 x 4 1/2"	3/4"	7/16"	100	400
49120G	1/4"-20 x 5"	3/4"	7/16"	100	400
49130G	1/4"-20 x 5 1/2"	3/4"	7/16"	100	400
49140G	1/4"-20 x 6"	3/4"	7/16"	100	400
1284G	5/16"-18 x 3/4"	3/4"	1/2"	100	1600
1283G	5/16"-18 X 1"	7/8"	1/2"	100	800
1684G	5/16"-18 x 1 1/4"	7/8"	1/2"	100	800
1282G	5/16"-18 x 1 1/2"	7/8"	1/2"	100	800
49196G	5/16"-18 x 1 3/4"	7/8"	1/2"	100	800
49200G	5/16"-18 x 2"	7/8"	1/2"	100	400
49207G	5/16"-18 x 2 1/4"	7/8"	1/2"	100	400
49210G	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
49212G	5/16"-18 x 2 3/4"	7/8"	1/2"	100	400
10130G	5/16"-18 x 3"	7/8"	1/2"	100	400
49230G	5/16"-18 x 3 1/2"	7/8"	1/2"	100	400
49240G	5/16"-18 x 4"	7/8"	1/2"	100	400
49250G	5/16"-18 x 4 1/2"	7/8"	1/2"	100	400
49260G	5/16"-18 x 5"	7/8"	1/2"		100
49270G	5/16"-18 x 5 1/2"	7/8"	1/2"		100
49280G	5/16"-18 x 6"	7/8"	1/2"		100
49290G	3/8"-16 x 1/2"	1/2"	9/16"	100	800
49300G	3/8"-16 x 3/4"	3/4"	9/16"	100	800
49310G	3/8"-16 X 1"	1"	9/16"	100	800
1278G	3/8"-16 x 1 1/4"	1"	9/16"	100	800
8903G	3/8"-16 x 1 1/2"	1"	9/16"	100	800
890334G	3/8"-16 x 1 3/4"	1"	9/16"	100	400
1280G	3/8"-16 x 2"	1"	9/16"	100	400
49312G	3/8"-16 x 2 1/4"	1"	9/16"	100	400
1011G	3/8" x 2-1/2"	1"	9/16"	100	400
49314G	3/8"-16 x 2 3/4"	1"	9/16"	100	400
703G	3/8"-16 x 3"	1"	9/16"	100	400
49370G	3/8"-16 x 3 1/2"	1"	9/16"	100	400
49380G	3/8"-16 x 4"	1"	9/16"		100
49390G	3/8"-16 x 4 1/2"	1"	9/16"		100
49400G	3/8"-16 x 5"	1"	9/16"		100
49410G	3/8"-16 x 5 1/2"	1"	9/16"		100
49420G	3/8"-16 x 6"	1"	9/16"		100

Grade 2 Hex Cap Screw Hot Dip Galvanized (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
49430G	1/2"-13 x 3/4"	3/4"	3/4"	100	400
49440G	1/2"-13 x 1"	1"	3/4"	100	400
49450G	1/2"-13 x 1 1/4"	1 1/4"	3/4"	100	400
8902G	1/2"-13 x 1 1/2"	1 1/4"	3/4"	100	400
49468G	1/2"-13 x 1 3/4"	1 1/4"	3/4"	100	400
49470G	1/2"-13 x 2"	1 1/4"	3/4"		100
49472G	1/2"-13 x 2 1/4"	1 1/4"	3/4"		100
49480G	1/2"-13 x 2 1/2"	1 1/4"	3/4"		100
49485G	1/2"-13 x 2 3/4"	1 1/4"	3/4"		100
49500G	1/2"-13 x 3"	1 1/4"	3/4"		100
49510G	1/2"-13 x 3 1/2"	1 1/4"	3/4"		100
49520G	1/2"-13 x 4"	1 1/4"	3/4"		100
49530G	1/2"-13 x 4 1/2"	1 1/4"	3/4"		100
49540G	1/2"-13 x 5"	1 1/4"	3/4"		100
49550G	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
49560G	1/2"-13 x 6"	1 1/4"	3/4"		100
49610G	5/8"-11 x 1"	1"	15/16"		100
49620G	5/8"-11 x 1 1/4"	1 1/4"	15/16"	100	400
49630G	5/8"-11 x 1 1/2"	1 1/2"	15/16"		100
496301G	5/8"-11 x 1 3/4"	1 1/2"	15/16"		100
49640G	5/8"-11 x 2"	1 1/2"	15/16"		80
49645G	5/8"-11 x 2 1/4"	1 1/2"	15/16"		100
49650G	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
49655G	5/8"-11 x 2 3/4"	1 1/2"	15/16"		100
49660G	5/8"-11 x 3"	1 1/2"	15/16"		50
49665G	5/8"-11 x 3 1/4"	1 1/2"	15/16"		50
49670G	5/8"-11 x 3 1/2"	1 1/2"	15/16"		100
49680G	5/8"-11 x 4"	1 1/2"	15/16"		100
49690G	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
49700G	5/8"-11 x 5"	1 1/2"	15/16"		100
49710G	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
49720G	5/8"-11 x 6"	1 1/2"	15/16"		50
49730G	5/8"-11 x 8"	1 1/2"	15/16"		50
49770G	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
49775G	3/4"-10 x 1 3/4"	1 3/4"	1 1/8"		100
49780G	3/4"-10 x 2"	1 3/4"	1 1/8"		100
49785G	3/4"-10 x 2 1/4"	1 3/4"	1 1/8"		100
49790G	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
49800G	3/4"-10 x 3"	1 3/4"	1 1/8"		100
49810G	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
49815G	3/4"-10 x 3 3/4"	1 3/4"	1 1/8"		20
49820G	3/4"-10 x 4"	1 3/4"	1 1/8"		20
49830G	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
49840G	3/4"-10 x 5"	1 3/4"	1 1/8"		50
49850G	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
49860G	3/4"-10 x 6"	1 3/4"	1 1/8"		50

• Bolts

FASTENERS



#304 Stainless Steel Hex Cap Screw

- Stainless bolts conform to ASTM F593.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 3,180 lbf	5/16" - 5,240 lbf
3/8" - 7,750 lbf	1/2" - 14,190 lbf
5/8" - 22,600 lbf	3/4" - 28,390 lbf
- Recommended torque strength:

1/4" - 8.9 ft lb	5/16" - 18.3 ft lb
3/8" - 32.6 ft lb	1/2" - 79.7 ft lb
5/8" - 158.8 ft lb	3/4" - 187.8 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
11120	1/4"-20 x 1/2"	1/2"	7/16"	100	1,600
1276	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
1697	1/4"-20 x 1"	3/4"	7/16"	100	1,600
1022	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
1024	1/4"-20 x 1 1/2"	3/4"	7/16"	100	1,600
11170	1/4"-20 x 2"	3/4"	7/16"	100	800
11180	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
11190	1/4"-20 x 3"	3/4"	7/16"	100	400
21058	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
21059	1/4"-20 x 4"	3/4"	7/16"	100	400
11220	1/4"-20 x 4 1/2"	3/4"	7/16"	100	800
11230	1/4"-20 x 5"	3/4"	7/16"	100	400
11240	1/4"-20 x 5 1/2"	3/4"	7/16"	100	400
11250	1/4"-20 x 6"	3/4"	7/16"	100	400
11260	5/16"-18 x 1/2"	1/2"	1/2"	100	1,600
11270	5/16"-18 x 3/4"	3/4"	1/2"	100	1,600
11280	5/16"-18 x 1"	7/8"	1/2"	100	1,600
11290	5/16"-18 x 1 1/4"	7/8"	1/2"	100	800
11300	5/16"-18 x 1 1/2"	7/8"	1/2"	100	800
11310	5/16"-18 x 2"	7/8"	1/2"	100	800
11320	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
11330	5/16"-18 x 3"	7/8"	1/2"	100	400
11340	5/16"-18 x 3 1/2"	7/8"	1/2"	100	400
11350	5/16"-18 x 4"	7/8"	1/2"	100	400
11360	5/16"-18 x 4 1/2"	7/8"	1/2"	100	400
11370	5/16"-18 x 5"	7/8"	1/2"	100	400
11380	5/16"-18 x 5 1/2"	7/8"	1/2"		100
11390	5/16"-18 x 6"	7/8"	1/2"		100
11391	3/8"-16 x 1/2"	1/2"	9/16"	100	800
11392	3/8"-16 x 3/4"	3/4"	9/16"	100	400
11393	3/8"-16 x 1"	1"	9/16"	100	800
171	3/8"-16 x 1 1/4"	1"	9/16"	100	400
11394	3/8"-16 x 1 1/2"	1"	9/16"	100	400
704	3/8"-16 x 2"	1"	9/16"	100	400
11460	3/8"-16 x 2 1/2"	1"	9/16"	100	400
910010	3/8"-16 x 3"	1"	9/16"	50	400
11480	3/8"-16 x 3 1/2"	1"	9/16"	100	400
11490	3/8"-16 x 4"	1"	9/16"		100
11491	3/8"-16 x 4 1/2"	1"	9/16"		100
11510	3/8"-16 x 5"	1"	9/16"		100
11520	3/8"-16 x 5 1/2"	1"	9/16"		100
11530	3/8"-16 x 6"	1"	9/16"		100
11540	1/2"-13 x 3/4"	3/4"	3/4"	100	400
11541	1/2"-13 x 1"	1"	3/4"	100	400

#304 Stainless Steel Hex Cap Screw (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
11560	1/2"-13 x 1 1/4"	1 1/4"	3/4"	100	400
10013	1/2"-13 x 1 1/2"	1 1/4"	3/4"	100	400
10014	1/2"-13 x 2"	1 1/4"	3/4"	50	200
10015	1/2"-13 x 2 1/2"	1 1/4"	3/4"	50	200
10016	1/2"-13 x 3"	1 1/4"	3/4"	50	200
10017	1/2"-13 x 3 1/2"	1 1/4"	3/4"	50	200
10018	1/2"-13 x 4"	1 1/4"	3/4"	25	100
10019	1/2"-13 x 4 1/2"	1 1/4"	3/4"	25	100
11570	1/2"-13 x 5"	1 1/4"	3/4"		100
11580	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
11590	1/2"-13 x 6"	1 1/4"	3/4"		100
11591	1/2"-13 x 8"	1 1/4"	3/4"		50
11610	1/2"-13 x 10"	1 1/4"	3/4"		50
11620	1/2"-13 x 12"	1 1/4"	3/4"		50
11630	1/2"-13 x 14"	1 1/4"	3/4"		50
11640	5/8"-11 x 1"	1"	15/16"	100	400
11650	5/8"-11 x 1 1/4"	1 1/4"	15/16"		100
910011	5/8"-11 x 1 1/2"	1 1/2"	15/16"	50	200
910012	5/8"-11 x 2"	1 1/2"	15/16"		50
910013	5/8"-11 x 2 1/2"	1 1/2"	15/16"		50
910014	5/8"-11 x 3"	1 1/2"	15/16"		50
910015	5/8"-11 x 3 1/2"	1 1/2"	15/16"		50
11710	5/8"-11 x 4"	1 1/2"	15/16"		100
11720	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
11730	5/8"-11 x 5"	1 1/2"	15/16"		100
11740	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
11750	5/8"-11 x 6"	1 1/2"	15/16"		50
11760	5/8"-11 x 8"	1 1/2"	15/16"		50
11770	5/8"-11 x 10"	1 1/2"	15/16"		50
11780	5/8"-11 x 12"	1 1/2"	15/16"		50
11790	5/8"-11 x 14"	1 1/2"	15/16"		50
11800	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
910016	3/4"-10 x 2"	1 3/4"	1 1/8"		50
11820	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
910017	3/4"-10 x 3"	1 3/4"	1 1/8"		50
11840	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
411850	3/4"-10 x 4"	1 3/4"	1 1/8"		50
11860	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
11870	3/4"-10 x 5"	1 3/4"	1 1/8"		50
11880	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
11890	3/4"-10 x 6"	1 3/4"	1 1/8"		50
11900	3/4"-10 x 8"	1 3/4"	1 1/8"		50
11910	3/4"-10 x 10"	1 3/4"	1 1/8"		50
11920	3/4"-10 x 12"	1 3/4"	1 1/8"		50
11930	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS



#316 Stainless Steel Hex Cap Screw

- Stainless bolts conform to ASTM F593.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 3,180 lbf	5/16" - 5,240 lbf
3/8" - 7,750 lbf	1/2" - 16,190 lbf
5/8" - 22,600 lbf	3/4" - 28,390 lbf
- Recommended torque strength:

1/4" - 8.9 ft lb	5/16" - 18.3 ft lb
3/8" - 32.6 ft lb	1/2" - 79.7 ft lb
5/8" - 158.8 ft lb	3/4" - 187.8 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
22121	1/4"-20 x 1/2"	1/2"	7/16"	100	1,600
22122	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
22123	1/4"-20 x 1"	3/4"	7/16"	100	1,600
22124	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
22125	1/4"-20 x 1 1/2"	3/4"	7/16"	100	800
22126	1/4"-20 x 2"	3/4"	7/16"	100	800
22127	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
22128	1/4"-20 x 3"	3/4"	7/16"	100	400
22129	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
22130	1/4"-20 x 4"	3/4"	7/16"	100	400
22131	1/4"-20 x 4 1/2"	3/4"	7/16"	100	400
22132	1/4"-20 x 5"	3/4"	7/16"	100	400
22133	1/4"-20 x 5 1/2"	3/4"	7/16"	100	400
22134	1/4"-20 x 6"	3/4"	7/16"	100	400
22135	5/16"-18 x 1/2"	1/2"	1/2"	100	400
22136	5/16"-18 x 3/4"	3/4"	1/2"	100	1,600
22137	5/16"-18 x 1"	7/8"	1/2"	100	400
22138	5/16"-18 x 1 1/4"	7/8"	1/2"	100	400
22139	5/16"-18 x 1 1/2"	7/8"	1/2"	100	800
22140	5/16"-18 x 2"	7/8"	1/2"	100	800
22141	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
22142	5/16"-18 x 3"	7/8"	1/2"	100	400
22143	5/16"-18 x 3 1/2"	7/8"	1/2"	100	400
22144	5/16"-18 x 4"	7/8"	1/2"	100	400
22145	5/16"-18 x 4 1/2"	7/8"	1/2"		100
22146	5/16"-18 x 5"	7/8"	1/2"		100
22147	5/16"-18 x 5 1/2"	7/8"	1/2"		100
22148	5/16"-18 x 6"	7/8"	1/2"		100
22149	3/8"-16 x 1/2"	1/2"	9/16"	100	1,600
22150	3/8"-16 x 3/4"	3/4"	9/16"	100	1,600
22151	3/8"-16 x 1"	1"	9/16"	100	800
22152	3/8"-16 x 1 1/4"	1"	9/16"	100	800
22153	3/8"-16 x 1 1/2"	1"	9/16"	100	400
22154	3/8"-16 x 2"	1"	9/16"	100	400
22155	3/8"-16 x 2 1/2"	1"	9/16"	100	400
22156	3/8"-16 x 3"	1"	9/16"		100
22157	3/8"-16 x 3 1/2"	1"	9/16"	50	200
22158	3/8"-16 x 4"	1"	9/16"	100	200
22159	3/8"-16 x 4 1/2"	1"	9/16"		100
22160	3/8"-16 x 5"	1"	9/16"		100
22161	3/8"-16 x 5 1/2"	1"	9/16"		100
22162	3/8"-16 x 6"	1"	9/16"		50
22163	1/2"-13 x 3/4"	3/4"	3/4"	100	400
22164	1/2"-13 x 1"	1"	3/4"	50	400

#316 Stainless Steel Hex Cap Screw (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
22165	1/2"-13 x 1 1/4"	1 1/4"	3/4"	50	400
22166	1/2"-13 x 1 1/2"	1 1/4"	3/4"	100	400
22167	1/2"-13 x 2"	1 1/4"	3/4"	50	200
22168	1/2"-13 x 2 1/2"	1 1/4"	3/4"	50	200
22169	1 1/2"-13 x 3"	1 1/4"	3/4"	50	200
22170	1/2"-13 x 3 1/2"	1 1/4"	3/4"		50
22171	1/2"-13 x 4"	1 1/4"	3/4"	25	100
22172	1/2"-13 x 4 1/2"	1 1/4"	3/4"	25	100
22173	1/2"-13 x 5"	1 1/4"	3/4"		25
22174	1/2"-13 x 5 1/2"	1 1/4"	3/4"		50
22175	1/2"-13 x 6"	1 1/4"	3/4"		50
22176	1/2"-13 x 8"	1 1/4"	3/4"		50
22177	1/2"-13 x 10"	1 1/4"	3/4"		50
22178	1/2"-13 x 12"	1 1/4"	3/4"		50
22179	1/2"-13 x 14"	1 1/4"	3/4"		50
22180	5/8"-11 x 1"	1"	15/16"		100
22181	5/8"-11 x 1 1/4"	1 1/4"	15/16"		100
22182	5/8"-11 x 1 1/2"	1 1/2"	15/16"	25	100
22183	5/8"-11 x 2"	1 1/2"	15/16"		100
22184	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
22185	5/8"-11 x 3"	1 1/2"	15/16"		100
22186	5/8"-11 x 3 1/2"	1 1/2"	15/16"		100
22187	5/8"-11 x 4"	1 1/2"	15/16"	50	200
22188	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
22189	5/8"-11 x 5"	1 1/2"	15/16"		100
22190	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
22191	5/8"-11 x 6"	1 1/2"	15/16"		50
22192	5/8"-11 x 8"	1 1/2"	15/16"		50
22193	5/8"-11 x 10"	1 1/2"	15/16"		50
22194	5/8"-11 x 12"	1 1/2"	15/16"		50
22195	5/8"-11 x 14"	1 1/2"	15/16"		50
22196	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
22197	3/4"-10 x 2"	1 3/4"	1 1/8"		100
22198	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
22199	3/4"-10 x 3"	1 3/4"	1 1/8"		25
22200	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
22202	3/4"-10 x 4"	1 3/4"	1 1/8"		25
22203	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
22204	3/4"-10 x 5"	1 3/4"	1 1/8"		50
22205	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
22206	3/4"-10 x 6"	1 3/4"	1 1/8"		50
22207	3/4"-10 x 8"	1 3/4"	1 1/8"		50
22208	3/4"-10 x 10"	1 3/4"	1 1/8"		50
22209	3/4"-10 x 12"	1 3/4"	1 1/8"		50
22210	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS

Brass Hex Cap Screw



- Brass bolts are manufactured from Alloy #270.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 2,226 lbf	5/16" - 3,668 lbf
3/8" - 5,425 lbf	1/2" - 9,933 lbf
5/8" - 15,820 lbf	3/4" - 23,280 lbf
- Recommended torque strength:

1/4" - 4.4 ft lb	5/16" - 9.18 ft lb
3/8" - 16.3 ft lb	1/2" - 39.8 ft lb
5/8" - 79.3 ft lb	3/4" - 140.7 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
14201	1/4"-20 x 1/2"	1/2"	7/16"	100	1,600
14202	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
14203	1/4"-20 x 1"	3/4"	7/16"	100	1,600
14204	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
14205	1/4"-20 x 1 1/2"	3/4"	7/16"	100	1,600
14206	1/4"-20 x 2"	3/4"	7/16"	100	400
14207	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
14208	1/4"-20 x 3"	3/4"	7/16"	100	400
14209	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
14210	1/4"-20 x 4"	3/4"	7/16"	100	400
14211	1/4"-20 x 4 1/2"	3/4"	7/16"		100
14212	1/4"-20 x 5"	3/4"	7/16"		100
14213	1/4"-20 x 5 1/2"	3/4"	7/16"		100
14214	1/4"-20 x 6"	3/4"	7/16"		100
14215	5/16"-18 x 1/2"	1/2"	1/2"	100	400
14216	5/16"-18 x 3/4"	3/4"	1/2"	100	400
14217	5/16"-18 x 1"	7/8"	1/2"	100	400
14218	5/16"-18 x 1 1/4"	7/8"	1/2"	100	400
14219	5/16"-18 x 1 1/2"	7/8"	1/2"	100	400
14220	5/16"-18 x 2"	7/8"	1/2"	100	400
14221	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
14222	5/16"-18 x 3"	7/8"	1/2"	100	400
14223	5/16"-18 x 3 1/2"	7/8"	1/2"	100	400
14224	5/16"-18 x 4"	7/8"	1/2"	100	400
14225	5/16"-18 x 4 1/2"	7/8"	1/2"	100	400
14226	5/16"-18 x 5"	7/8"	1/2"	100	400
14227	5/16"-18 x 5 1/2"	7/8"	1/2"	100	400
14228	5/16"-18 x 6"	7/8"	1/2"	100	400
14229	3/8"-16 x 1/2"	1/2"	9/16"	100	800
14230	3/8"-16 x 3/4"	3/4"	9/16"	100	400
14231	3/8"-16 x 1"	1"	9/16"	100	400
14232	3/8"-16 x 1 1/4"	1"	9/16"	100	400
14233	3/8"-16 x 1 1/2"	1"	9/16"	100	400
14234	3/8"-16 x 2"	1"	9/16"	100	400
14235	3/8"-16 x 2 1/2"	1"	9/16"	100	400
14236	3/8"-16 x 3"	1"	9/16"	100	400
14237	3/8"-16 x 3 1/2"	1"	9/16"	100	400
14238	3/8"-16 x 4"	1"	9/16"	100	400
14239	3/8"-16 x 4 1/2"	1"	9/16"	100	400
14240	3/8"-16 x 5"	1"	9/16"	100	400
14241	3/8"-16 x 5 1/2"	1"	9/16"	100	400
14242	3/8"-16 x 6"	1"	9/16"	100	400
14243	1/2"-13 x 3/4"	3/4"	3/4"		100
14244	1/2"-13 x 1"	1"	3/4"		100

• Bolts

FASTENERS

Brass Hex Cap Screw (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
14245	1/2"-13 x 1 1/4"	1 1/4"	3/4"		100
14246	1/2"-13 x 1 1/2"	1 1/4"	3/4"		100
14247	1/2"-13 x 2"	1 1/4"	3/4"		100
14248	1/2"-13 x 2 1/2"	1 1/4"	3/4"		100
14249	1/2"-13 x 3"	1 1/4"	3/4"		100
14250	1/2"-13 x 3 1/2"	1 1/4"	3/4"		100
14251	1/2"-13 x 4"	1 1/4"	3/4"		100
14252	1/2"-13 x 4 1/2"	1 1/4"	3/4"		100
14253	1/2"-13 x 5"	1 1/4"	3/4"		100
14254	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
14255	1/2"-13 x 6"	1 1/4"	3/4"		100
14256	1/2"-13 x 8"	1 1/4"	3/4"		50
14257	1/2"-13 x 10"	1 1/4"	3/4"		50
14258	1/2"-13 x 12"	1 1/4"	3/4"		50
14259	1/2"-13 x 14"	1 1/4"	3/4"		50
14260	5/8"-11 x 1"	1"	15/16"		100
14261	5/8"-11 x 1 1/4"	1 1/4"	15/16"		100
14262	5/8"-11 x 1 1/2"	1 1/2"	15/16"		100
14263	5/8"-11 x 2"	1 1/2"	15/16"		100
14264	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
14265	5/8"-11 x 3"	1 1/2"	15/16"		100
14266	5/8"-11 x 3 1/2"	1 1/2"	15/16"		100
14267	5/8"-11 x 4"	1 1/2"	15/16"		100
14268	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
14269	5/8"-11 x 5"	1 1/2"	15/16"		100
14270	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
14271	5/8"-11 x 6"	1 1/2"	15/16"		50
14272	5/8"-11 x 8"	1 1/2"	15/16"		50
14273	5/8"-11 x 10"	1 1/2"	15/16"		50
14274	5/8"-11 x 12"	1 1/2"	15/16"		50
14275	5/8"-11 x 14"	1 1/2"	15/16"		100
14276	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
14277	3/4"-10 x 2"	1 3/4"	1 1/8"		100
14278	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
14279	3/4"-10 x 3"	1 3/4"	1 1/8"		100
14280	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
14281	3/4"-10 x 4"	1 3/4"	1 1/8"		50
14282	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
14283	3/4"-10 x 5"	1 3/4"	1 1/8"		50
14284	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
14285	3/4"-10 x 6"	1 3/4"	1 1/8"		50
14286	3/4"-10 x 8"	1 3/4"	1 1/8"		50
14287	3/4"-10 x 10"	1 3/4"	1 1/8"		50
14288	3/4"-10 x 12"	1 3/4"	1 1/8"		50
14289	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS

Silicon Bronze Hex Cap Screw



- Silicon Bronze bolts are manufactured from Alloy #651.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/4" - 2,385 lbf	5/16" - 3,930 lbf
3/8" - 5,812 lbf	1/2" - 10,642 lbf
5/8" - 16,950 lbf	3/4" - 25,050 lbf
- Recommended torque strength:

1/4" - 3.97 ft lb	5/16" - 8.17 ft lb
3/8" - 14.5 ft lb	1/2" - 35.45 ft lb
5/8" - 70.62 ft lb	3/4" - 125.25 ft lb

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
14101	1/4"-20 x 1/2"	1/2"	7/16"	100	1,600
14102	1/4"-20 x 3/4"	3/4"	7/16"	100	1,600
764	1/4"-20 x 1"	3/4"	7/16"	100	1,600
14103	1/4"-20 x 1 1/4"	3/4"	7/16"	100	1,600
14104	1/4"-20 x 1 1/2"	3/4"	7/16"	100	800
14105	1/4"-20 x 2"	3/4"	7/16"	100	800
14106	1/4"-20 x 2 1/2"	3/4"	7/16"	100	400
14107	1/4"-20 x 3"	3/4"	7/16"	100	400
14108	1/4"-20 x 3 1/2"	3/4"	7/16"	100	400
14109	1/4"-20 x 4"	3/4"	7/16"	100	400
14110	1/4"-20 x 4 1/2"	3/4"	7/16"	100	400
14111	1/4"-20 x 5"	3/4"	7/16"	100	400
14112	1/4"-20 x 5 1/2"	3/4"	7/16"	100	400
14113	1/4"-20 x 6"	3/4"	7/16"		100
14114	5/16"-18 x 1/2"	1/2"	1/2"	100	400
9900	5/16"-18 x 3/4"	3/4"	1/2"	100	800
9901	5/16"-18 x 1"	7/8"	1/2"	100	800
9902	5/16"-18 x 1 1/4"	7/8"	1/2"	100	800
14115	5/16"-18 x 1 1/2"	7/8"	1/2"	100	800
14116	5/16"-18 x 2"	7/8"	1/2"	100	400
14117	5/16"-18 x 2 1/2"	7/8"	1/2"	100	400
14118	5/16"-18 x 3"	7/8"	1/2"	100	400
14119	5/16"-18 x 3 1/2"	7/8"	1/2"		100
14120	5/16"-18 x 4"	7/8"	1/2"		100
4121	5/16"-18 x 4 1/2"	7/8"	1/2"		100
14122	5/16"-18 x 5"	7/8"	1/2"		100
14123	5/16"-18 x 5 1/2"	7/8"	1/2"		100
14124	5/16"-18 x 6"	7/8"	1/2"		100
14125	3/8"-16 x 1/2"	1/2"	9/16"	100	800
9906	3/8"-16 x 3/4"	3/4"	9/16"	100	800
9907	3/8"-16 x 1"	1"	9/16"	100	800
9908	3/8"-16 x 1 1/4"	1"	9/16"	100	800
14126	3/8"-16 x 1 1/2"	1"	9/16"	100	400
14127	3/8"-16 x 2"	1"	9/16"		100
14128	3/8"-16 x 2 1/2"	1"	9/16"		100
14129	3/8"-16 x 3"	1"	9/16"		100
14130	3/8"-16 x 3 1/2"	1"	9/16"	100	400
14131	3/8"-16 x 4"	1"	9/16"		100
14132	3/8"-16 x 4 1/2"	1"	9/16"		100
14133	3/8"-16 x 5"	1"	9/16"		100
14134	3/8"-16 x 5 1/2"	1"	9/16"		100
14135	3/8"-16 x 6"	1"	9/16"		100
14136	1/2"-13 x 3/4"	3/4"	3/4"		100
14137	1/2"-13 x 1"	1"	3/4"		100

• Bolts

FASTENERS

Silicon Bronze Hex Cap Screw (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
14138	1/2"-13 x 1 1/4"	1 1/4"	3/4"		100
14139	1/2"-13 x 1 1/2"	1 1/4"	3/4"	50	200
14140	1/2"-13 x 2"	1 1/4"	3/4"	50	200
14141	1/2"-13 x 2 1/2"	1 1/4"	3/4"	50	200
14142	1/2"-13 x 3"	1 1/4"	3/4"	50	200
14143	1/2"-13 x 3 1/2"	1 1/4"	3/4"	25	100
14144	1/2"-13 x 4"	1 1/4"	3/4"		100
14145	1/2"-13 x 4 1/2"	1 1/4"	3/4"		100
14146	1/2"-13 x 5"	1 1/4"	3/4"		100
14147	1/2"-13 x 5 1/2"	1 1/4"	3/4"		100
14148	1/2"-13 x 6"	1 1/4"	3/4"		100
14149	1/2"-13 x 8"	1 1/4"	3/4"		50
14150	1/2"-13 x 10"	1 1/4"	3/4"		50
14151	1/2"-13 x 12"	1 1/4"	3/4"		50
14152	1/2"-13 x 14"	1 1/4"	3/4"		50
14153	5/8"-11 x 1"	1"	15/16"		100
14154	5/8"-11 x 1 1/4"	1 1/4"	15/16"		100
14155	5/8"-11 x 1 1/2"	1 1/2"	15/16"		100
14156	5/8"-11 x 2"	1 1/2"	15/16"		100
14157	5/8"-11 x 2 1/2"	1 1/2"	15/16"		100
14158	5/8"-11 x 3"	1 1/2"	15/16"		100
14159	5/8"-11 x 3 1/2"	1 1/2"	15/16"		100
14160	5/8"-11 x 4"	1 1/2"	15/16"		100
14161	5/8"-11 x 4 1/2"	1 1/2"	15/16"		100
14162	5/8"-11 x 5"	1 1/2"	15/16"		100
14163	5/8"-11 x 5 1/2"	1 1/2"	15/16"		100
14164	5/8"-11 x 6"	1 1/2"	15/16"		50
14165	5/8"-11 x 8"	1 1/2"	15/16"		50
14166	5/8"-11 x 10"	1 1/2"	15/16"		50
14167	5/8"-11 x 12"	1 1/2"	15/16"		50
14168	5/8"-11 x 14"	1 1/2"	15/16"		50
14169	3/4"-10 x 1 1/2"	1 1/2"	1 1/8"		100
14170	3/4"-10 x 2"	1 3/4"	1 1/8"		100
14171	3/4"-10 x 2 1/2"	1 3/4"	1 1/8"		100
14172	3/4"-10 x 3"	1 3/4"	1 1/8"		100
14173	3/4"-10 x 3 1/2"	1 3/4"	1 1/8"		100
14174	3/4"-10 x 4"	1 3/4"	1 1/8"		50
14175	3/4"-10 x 4 1/2"	1 3/4"	1 1/8"		50
14176	3/4"-10 x 5"	1 3/4"	1 1/8"		50
14177	3/4"-10 x 5 1/2"	1 3/4"	1 1/8"		50
14178	3/4"-10 x 6"	1 3/4"	1 1/8"		50
14179	3/4"-10 x 8"	1 3/4"	1 1/8"		50
14180	3/4"-10 x 10"	1 3/4"	1 1/8"		50
14181	3/4"-10 x 12"	1 3/4"	1 1/8"		50
14182	3/4"-10 x 14"	1 3/4"	1 1/8"		25

• Bolts

FASTENERS

Aluminum Hex Cap Screw



- Aluminum Hex Cap Screws are manufactured from #2024-T4 Aluminum
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

$\frac{1}{4}$ " - 1,900 lbf	$\frac{5}{16}$ " - 3,100 lbf
$\frac{3}{8}$ " - 4,650 lbf	$\frac{1}{2}$ " - 8,500 lbf
$\frac{5}{8}$ " - 13,550 lbf	
- Recommended torque strength:

$\frac{1}{4}$ " - 3.97 ft lb	$\frac{5}{16}$ " - 8.17 ft lb
$\frac{3}{8}$ " - 14.52 ft lb	$\frac{1}{2}$ " - 35.47 ft lb
$\frac{5}{8}$ " - 70.59 ft lb	
- Anodized finish available on request.

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
10510	$\frac{1}{4}$ "-20 x $\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{7}{16}$ "	100	1600
10512	$\frac{1}{4}$ "-20 x $\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	1600
10514	$\frac{1}{4}$ "-20 x 1"	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	1600
10516	$\frac{1}{4}$ "-20 x $1\frac{1}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	1600
10518	$\frac{1}{4}$ "-20 x $1\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	1600
10520	$\frac{1}{4}$ "-20 x $1\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	1600
10522	$\frac{1}{4}$ "-20 x 2"	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	800
10524	$\frac{1}{4}$ "-20 x $2\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	400
10526	$\frac{1}{4}$ "-20 x 3"	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	400
10528	$\frac{1}{4}$ "-20 x 4"	$\frac{3}{4}$ "	$\frac{7}{16}$ "	100	400
10530	$\frac{5}{16}$ "-18 x $\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{1}{2}$ "	100	1600
10532	$\frac{5}{16}$ "-18 x 1"	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	1600
10534	$\frac{5}{16}$ "-18 x $1\frac{1}{4}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	800
10536	$\frac{5}{16}$ "-18 x $1\frac{1}{2}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	800
10538	$\frac{5}{16}$ "-18 x $1\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	800
10540	$\frac{5}{16}$ "-18 x 2"	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	800
10542	$\frac{5}{16}$ "-18 x $2\frac{1}{2}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	400
10544	$\frac{5}{16}$ "-18 x 3"	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	400
10546	$\frac{5}{16}$ "-18 x $3\frac{1}{2}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	400
10548	$\frac{5}{16}$ "-18 x 4"	$\frac{7}{8}$ "	$\frac{1}{2}$ "	100	400
10550	$\frac{3}{8}$ "-16 x $\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{9}{16}$ "	100	400
10552	$\frac{3}{8}$ "-16 x 1"	1"	$\frac{9}{16}$ "	100	800
10554	$\frac{3}{8}$ "-16 x $1\frac{1}{4}$ "	1"	$\frac{9}{16}$ "	100	400
10556	$\frac{3}{8}$ "-16 x $1\frac{1}{2}$ "	1"	$\frac{9}{16}$ "	100	400
10558	$\frac{3}{8}$ "-16 x $1\frac{3}{4}$ "	1"	$\frac{9}{16}$ "	100	400
10560	$\frac{3}{8}$ "-16 x 2"	1"	$\frac{9}{16}$ "	100	400
10562	$\frac{3}{8}$ "-16 x $2\frac{1}{4}$ "	1"	$\frac{9}{16}$ "	100	400
10564	$\frac{3}{8}$ "-16 x $2\frac{1}{2}$ "	1"	$\frac{9}{16}$ "	100	400
10566	$\frac{3}{8}$ "-16 x $2\frac{3}{4}$ "	1"	$\frac{9}{16}$ "	50	400
10568	$\frac{3}{8}$ "-16 x 3"	1"	$\frac{9}{16}$ "	50	400
10570	$\frac{3}{8}$ "-16 x $3\frac{1}{2}$ "	1"	$\frac{9}{16}$ "	100	400
10572	$\frac{3}{8}$ "-16 x 4"	1"	$\frac{9}{16}$ "		100
10574	$\frac{3}{8}$ "-16 x $4\frac{1}{2}$ "	1"	$\frac{9}{16}$ "		100
10576	$\frac{3}{8}$ "-16 x 5"	1"	$\frac{9}{16}$ "		100
10578	$\frac{1}{2}$ "-13 x 1"	1"	$\frac{3}{4}$ "	100	400
10580	$\frac{1}{2}$ "-13 x $1\frac{1}{4}$ "	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	100	400
10582	$\frac{1}{2}$ "-13 x $1\frac{1}{2}$ "	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	100	400
10584	$\frac{1}{2}$ "-13 x $1\frac{3}{4}$ "	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	50	200
10586	$\frac{1}{2}$ "-13 x 2"	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	50	200
10588	$\frac{1}{2}$ "-13 x $2\frac{1}{4}$ "	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	50	200
10590	$\frac{1}{2}$ "-13 x $2\frac{1}{2}$ "	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	50	200
10592	$\frac{1}{2}$ "-13 x $2\frac{3}{4}$ "	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	50	200
10594	$\frac{1}{2}$ "-13 x 3"	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	50	200
10596	$\frac{1}{2}$ "-13 x $3\frac{1}{2}$ "	$1\frac{1}{4}$ "	$\frac{3}{4}$ "	50	200

• Bolts

FASTENERS

Aluminum Hex Cap Screw (continued)

PART NUMBER	SIZE	THREAD LENGTH	HEX SIZE	INNER PACK QTY	CARTON QTY
10598	1/2"-13 x 4"	1 1/4"	3/4"	25	100
10600	1/2"-13 x 4 1/2"	1 1/4"	3/4"	25	100
10602	1/2"-13 x 5"	1 1/4"	3/4"		100
10604	5/8"-11 x 1 1/2"	1 1/2"	15/16"	50	200
10606	5/8"-11 x 2"	1 1/2"	15/16"		50
10608	5/8"-11 x 2 1/2"	1 1/2"	15/16"		50
10610	5/8"-11 x 3"	1 1/2"	15/16"		50
10612	5/8"-11 x 3 1/2"	1 1/2"	15/16"		50
10614	5/8"-11 x 4"	1 1/2"	15/16"		50
10616	5/8"-11 x 4 1/2"	1 1/2"	15/16"		50
10618	5/8"-11 x 5"	1 1/2"	15/16"		50
10620	5/8"-11 x 5 1/2"	1 1/2"	15/16"		50
10622	5/8"-11 x 6"	1 1/2"	15/16"		50

A394-T0 Square Head Steel Transmission Tower Bolt with A563-DH Hex Nut

- Used in construction of transmission towers, substations, and similar steel structures.
- Hot dip galvanized to meet ASTM Specification A153.
- Fully traceable certifications of chemical and physical compliance are available by request.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/2" – 10,500 lbf	5/8" – 16,700 lbf
3/4" – 24,700 lbf	7/8" – 34,200 lbf
- Recommended torque strength:

1/2" – 58 ft lb	5/8" – 115.6 ft lb
3/4" – 205 ft lb	7/8" – 210 ft lb



PART NUMBER	SIZE	THREAD LENGTH	CARTON QTY
12090	3/8" X 1 1/4"	1 1/8"	500
12091	3/8" X 1 1/2"	1 1/4"	500
12101	1/2" x 1 1/4"	1 3/32"	800
12102	1/2" x 1 1/2"	1 3/32"	750
12103	1/2" x 1 3/4"	1 3/32"	650
12104	1/2" x 2"	1 3/32"	550
12106	1/2" x 2 1/2"	1 3/32"	500
12108	1/2" x 3"	1 3/32"	400
12110	1/2" x 3 1/2"	1 3/32"	394
12111	1/2" x 4"	1 3/32"	300
12112	1/2" x 7"	1 3/32"	170
12178	1/2" x 7 1/2"	1 3/32"	140
12109	1/2" x 10"	1 3/32"	120
12121	5/8" x 1 1/4"	1 3/16"	400
12122	5/8" x 1 1/2"	1 1/4"	400
12123	5/8" x 1 3/4"	1 1/4"	350
12124	5/8" x 2"	1 1/4"	350
12125	5/8" x 2 1/4"	1 1/4"	250
12126	5/8" x 2 1/2"	1 1/4"	240
12181	5/8" x 2 3/4"	1 1/4"	207
12180	5/8" x 3"	1 1/4"	210
12182	5/8" x 3 1/4"	1 1/4"	200
12183	5/8" x 3 1/2"	1 1/4"	200
12184	5/8" x 4"	1 1/4"	165
12129	5/8" x 5"	1 1/4"	127
12138	3/4" x 1 1/4"	1 3/16"	250
12132	3/4" x 1 1/2"	1 3/8"	250
12133	3/4" x 1 3/4"	1 3/8"	240
12134	3/4" x 2"	1 3/8"	220
12135	3/4" x 2 1/4"	1 3/8"	180
12136	3/4" x 2 1/2"	1 3/8"	200
12137	3/4" x 2 3/4"	1 3/8"	210

A394-T0 Square Head Steel Transmission Tower Bolt with A563-DH Hex Nut (continued)

PART NUMBER	SIZE	THREAD LENGTH	CARTON QTY
12170	3/4" x 3"	1 3/8"	130
12173	3/4" x 3 1/4"	1 3/8"	150
12172	3/4" x 3 1/2"	1 3/8"	115
12171	3/4" x 4 1/2"	1 3/8"	100
12185	3/4" x 5"	1 3/8"	100
12150	7/8" x 1 1/2"	1 5/16"	145
12143	7/8" x 1 3/4"	1 1/2"	130
12151	7/8" x 2"	1 1/2"	130
12152	7/8" x 2 1/4"	1 1/2"	155
12153	7/8" x 2 1/2"	1 1/2"	105
12154	7/8" x 2 3/4"	1 1/2"	103
12148	7/8" x 3"	1 1/2"	150
12155	7/8" x 3 1/4"	1 1/2"	100
12156	7/8" x 3 1/2"	1 1/2"	100
12157	7/8" x 4"	1 1/2"	100
12158	7/8" x 4 1/4"	1 1/2"	100
12159	7/8" x 4 1/2"	1 1/2"	100
12160	7/8" x 5"	1 1/2"	67
12186	7/8" x 11 1/2"	1 1/2"	35



A325-1 Heavy Hex Bolt with A563-DH Heavy Hex Structural Nut Galvanized

- Assemblies are commonly used in structural steel joints during heavy construction.
- Bolts and nuts are heat treated to have a Rockwell Hardness ranging between C24-38.
- Bolts and nuts are hot dip galvanized to meet ASTM Specification A153.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:

1/2" – 17,050 lbf	5/8" – 27,100 lbf
3/4" – 40,100 lbf	7/8" – 55,450 lbf
1" – 72,700 lbf	1 1/4" – 116,280 lbf
- Recommended torque strength:

1/2" – 93.7 ft lb	5/8" – 186.7 ft lb
3/4" – 331.1 ft lb	7/8" – 534 ft lb
1" – 801 ft lb	1 1/4" – 1,601 ft lb

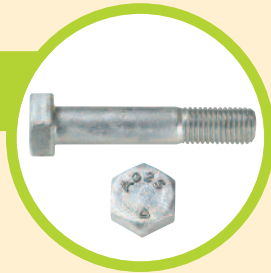
PART NUMBER	SIZE	HEX SIZE	CARTON QTY
5320	1/2" x 1 1/2"	7/8"	100
5321	1/2" x 2"	7/8"	100
5288G	1/2" x 2 1/2"	7/8"	100
5322	1/2" x 3"	7/8"	50
5323	1/2" x 3 1/2"	7/8"	50
5324	1/2" x 4"	7/8"	50
5325	1/2" x 4 1/2"	7/8"	50
5326	1/2" x 5"	7/8"	50
5327	1/2" x 5 1/2"	7/8"	50
5328	1/2" x 6"	7/8"	25
5329	1/2" x 7"	7/8"	25
5330	1/2" x 8"	7/8"	25
5331	1/2" x 10"	7/8"	25
5332	1/2" x 12"	7/8"	25
5333	1/2" x 14"	7/8"	25
5230	5/8" x 1 1/2"	1 1/16"	100
5231	5/8" x 1 3/4"	1 1/16"	100
52010	5/8" x 2"	1 1/16"	50
52050	5/8" x 3"	1 1/16"	50
5232	5/8" x 4"	1 1/16"	50
5233	5/8" x 5"	1 1/16"	50
5234	5/8" x 6"	1 1/16"	50
5239	5/8" x 8"	1 1/16"	25

A325-1 Heavy Hex Bolt with A563-DH Heavy Hex Structural Nut Galvanized (continued)

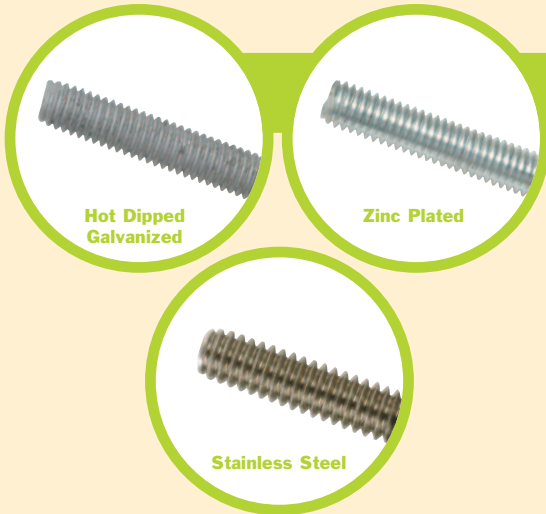
PART NUMBER	SIZE	HEX SIZE	CARTON QTY
5243	5/8" x 10"	1 1/16"	20
5244	5/8" x 12"	1 1/16"	20
82700299	5/8" x 14"	1 1/16"	5
82700300	5/8" x 16"	1 1/16"	5
82700301	5/8" x 18"	1 1/16"	5
82700302	5/8" x 20"	1 1/16"	5
82423247	3/4" x 2"	1 1/4"	50
82423248	3/4" x 3"	1 1/4"	50
82423249	3/4" x 4"	1 1/4"	50
82423250	3/4" x 5"	1 1/4"	25
82423251	3/4" x 6"	1 1/4"	25
82423252	3/4" x 8"	1 1/4"	25
82423253	3/4" x 10"	1 1/4"	25
82423254	3/4" x 12"	1 1/4"	5
82423270	3/4" x 14"	1 1/4"	5
82423271	3/4" x 16"	1 1/4"	10
82423272	3/4" x 18"	1 1/4"	10
82423273	3/4" x 20"	1 1/4"	10
82423280	3/4" x 22"	1 1/4"	10
82423282	3/4" x 24"	1 1/4"	5
82423284	3/4" x 26"	1 1/4"	10
82423285	3/4" x 28"	1 1/4"	5
82423286	3/4" x 30"	1 1/4"	5
82423287	3/4" x 32"	1 1/4"	5
8294325	1" x 16"	1 5/8"	5
8294327	1" x 18"	1 5/8"	5
8295325	1" x 20"	1 5/8"	5
8295327	1" x 22"	1 5/8"	5
83100325	1" x 26"	1 5/8"	5
83100326	1" x 44"	1 5/8"	5
83100327	1" x 48"	1 5/8"	5
83100328	1" x 52"	1 5/8"	5
83100400	1 1/4" x 36"	2"	5
83100401	1 1/4" x 38"	2"	5

A325-1 Heavy Hex Structural Bolt

- Commonly used in structural steel joints in heavy construction.
- Heat treated to have a Rockwell Hardness ranging between C24-35.
- Yield strength is 92,000 PSI minimum.
- Bolts conform to the dimensions of ASME B18.2.1.
- Minimum tensile strength:
3/4" – 40,100 lbf 7/8" – 55,450 lbf
1" – 72,700 lbf
- Recommended torque strength:
3/4" – 331.1 ft lb 7/8" – 534 ft lb
1" – 801 ft lb
- Hot dip galvanized to meet ASTM Specification A153.
- Fully traceable certifications of chemical and physical compliance available by request.



PART NUMBER	SIZE	FINISH	CARTON QTY
5208	3/4" x 1 3/4"	Hot Dip Galvanized	600
5211	3/4" x 2"	Hot Dip Galvanized	500
5213	3/4" x 2 1/4"	Hot Dip Galvanized	475
5215	3/4" x 2 1/2"	Hot Dip Galvanized	425
5218	3/4" x 3"	Hot Dip Galvanized	350
52348	3/4" x 8 1/2"	Hot Dip Galvanized	25
5222	7/8" x 2"	Hot Dip Galvanized	375
5224	7/8" x 2 1/2"	Hot Dip Galvanized	300
5226	7/8" x 3"	Hot Dip Galvanized	250
83100380	1" x 5"	Hot Dip Galvanized	25



Continuous Threaded Rod

- Cut to length studs are available by request.
- Galvanized rods meet ASTM Specification A153.
- Zinc plated rods meet ASTM Specification F1941.

PART NUMBER	THREAD	LENGTH	MATERIAL	PLATING	CARTON QTY
14310	#6-32	3'	Grade 2 Steel	Zinc Plated	10
14311	#6-32	6'	Grade 2 Steel	Zinc Plated	10
14312	#8-32	3'	Grade 2 Steel	Zinc Plated	10
14313	#8-32	6'	Grade 2 Steel	Zinc Plated	10
14314	#10-24	3'	Grade 2 Steel	Zinc Plated	10
14315	#10-24	6'	Grade 2 Steel	Zinc Plated	10
14316	#12-24	3'	Grade 2 Steel	Zinc Plated	10
14317	#12-24	6'	Grade 2 Steel	Zinc Plated	10
14318	1/4"-20	3'	Grade 2 Steel	Zinc Plated	10
14319	1/4"-20	6'	Grade 2 Steel	Zinc Plated	10
14320	1/4"-20	12'	Grade 2 Steel	Zinc Plated	10
14321	5/16"-18	3'	Grade 2 Steel	Zinc Plated	10
14322	5/16"-18	6'	Grade 2 Steel	Zinc Plated	10
14323	3/8"-16	3'	Grade 2 Steel	Zinc Plated	10
14324	3/8"-16	6'	Grade 2 Steel	Zinc Plated	10
14325	1/2"-13	3'	Grade 2 Steel	Zinc Plated	10
14326	1/2"-13	6'	Grade 2 Steel	Zinc Plated	10
14327	5/8"-11	3'	Grade 2 Steel	Zinc Plated	10
14328	5/8"-11	6'	Grade 2 Steel	Zinc Plated	10
14329	3/4"-10	3'	Grade 2 Steel	Zinc Plated	10
14330	3/4"-10	6'	Grade 2 Steel	Zinc Plated	10
14331	1/4"-20	3'	Grade 2 Steel	Hot Dip Galvanized	10
14332	1/4"-20	6'	Grade 2 Steel	Hot Dip Galvanized	10
14333	1/4"-20	12'	Grade 2 Steel	Hot Dip Galvanized	10
14334	5/16"-18	3'	Grade 2 Steel	Hot Dip Galvanized	10
14335	5/16"-18	6'	Grade 2 Steel	Hot Dip Galvanized	10
14336	3/8"-16	3'	Grade 2 Steel	Hot Dip Galvanized	10
14337	3/8"-16	6'	Grade 2 Steel	Hot Dip Galvanized	10
14338	1/2"-13	3'	Grade 2 Steel	Hot Dip Galvanized	10
14339	1/2"-13	6'	Grade 2 Steel	Hot Dip Galvanized	12
14340	5/8"-11	3'	Grade 2 Steel	Hot Dip Galvanized	10
14341	5/8"-11	6'	Grade 2 Steel	Hot Dip Galvanized	8
14342	3/4"-10	3'	Grade 2 Steel	Hot Dip Galvanized	10
14343	3/4"-10	6'	Grade 2 Steel	Hot Dip Galvanized	8
14344	1/4"-20	3'	304 Stainless Steel	Plain	10
14345	1/4"-20	6'	304 Stainless Steel	Plain	10
14346	1/4"-20	12'	304 Stainless Steel	Plain	10
14347	5/16"-18	3'	304 Stainless Steel	Plain	10
14348	5/16"-18	6'	304 Stainless Steel	Plain	10
14349	3/8"-16	3'	304 Stainless Steel	Plain	10
14350	3/8"-16	6'	304 Stainless Steel	Plain	10
14351	1/2"-13	3'	304 Stainless Steel	Plain	10
14352	1/2"-13	6'	304 Stainless Steel	Plain	10
14353	5/8"-11	3'	304 Stainless Steel	Plain	10
14354	5/8"-11	6'	304 Stainless Steel	Plain	10
14355	3/4"-10	3'	304 Stainless Steel	Plain	10
14356	3/4"-10	6'	304 Stainless Steel	Plain	10

Hex Nut



Grade 2 Steel Zinc Plated

- Used in conjunction with low carbon bolts and screws that are not treated.
- Zinc plated to meet ASTM Specification F1941.
- Formed from Grade 2 steel.
- Proof load is 90,000 psi.
- Rockwell Hardness ranges from B68-C32.

PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
164	#6-32	5/16"	7/64"	100	4,000
165	#8-32	11/32"	1/8"	100	4,000
1250	#10-24	3/8"	1/8"	100	4,000
1265	#10-32	3/8"	1/8"	100	4,000
1267	#12-24	7/16"	5/32"	100	4,000
168	1/4"-20	7/16"	3/16"	100	4,000
371	1/4"-20	7/16"	7/32"	100	4,000
243	5/16"-18	1/2"	17/64"	100	4,000
660	3/8"-16	9/16"	21/64"	100	1,600
583	1/2"-13	3/4"	7/16"	100	800
1286	5/8"-11	15/64"	35/64"	25	200
1310	3/4"-10	1 1/8"	41/64"		100

Grade 2 Steel Galvanized

- Used in conjunction with low carbon galvanized bolts.
- Hot dip galvanized to meet ASTM Specification A153.
- Tapped oversized after plating to ensure easy fit on bolts.
- Proof load is 68,000 psi.



PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
542	1/4"-20	7/16"	7/32"	100	4,000
24710	5/16"-18	1/2"	17/64"	100	3,200
24720	3/8"-16	9/16"	21/64"	100	3,200
24730	1/2"-13	3/4"	7/16"	100	800
24740	5/8"-11	15/16"	35/64"	100	400
24750	3/4"-10	1 1/8"	41/64"		100
97505	7/8"-9	1 5/16"	3/4"	25	200

Grade 5 Steel Zinc Plated

- Used in conjunction with Grade 5 bolts.
- Zinc plated to meet ASTM Specification F1941.
- Proof load is 120,000 psi.



PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
24810	1/4"-20	7/16"	7/32"	100	4,000
24820	5/16"-18	1/2"	17/64"	100	3,200
24830	3/8"-16	9/16"	21/64"	100	3,200
24840	1/2"-13	3/4"	7/16"	100	400
24850	5/8"-11	15/16"	35/64"	100	400
24860	3/4"-10	1 1/8"	41/64"		100

Hex Nuts (continued)

- Used in conjunction with Grade 8 bolts.
- Zinc plated to meet ASTM Specification F1941.
- Proof load is 150,000 psi.

Grade 8 Steel Zinc Plated

PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
24910	1/4"-20	7/16"	7/32"	100	4,000
24920	5/16"-18	1/2"	17/64"	100	3,200
24930	3/8"-16	9/16"	21/64"	100	3,200
24940	1/2"-13	3/4"	7/16"	100	400
24950	5/8"-11	15/16"	35/64"	100	400
24960	3/4"-10	1 1/8"	41/64"		100



- Used in conjunction with 18-8 stainless bolts and machine screws.
- Rockwell Hardness ranges from B95-C32.
- Highly weather resistant.
- Proof load is 100,000 psi.

18-8 Stainless Steel

PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
24405	#6-32	5/16"	7/64"	100	4,000
24406	#8-32	11/32"	1/8"	100	4,000
24407	#10-24	3/8"	1/8"	100	4,000
24408	#10-32	3/8"	1/8"	100	4,000
24409	#12-24	7/16"	5/32"	100	4,000
182	1/4"-20	7/16"	3/16"	100	4,000
24410	1/4"-20	7/16"	7/32"	100	4,000
24420	5/16"-18	1/2"	17/64"	100	3,200
432	3/8"-16	9/16"	21/64"	100	3,200
24430	1/2"-13	3/4"	7/16"	100	800
24440	5/8"-11	15/64"	35/64"	100	400
24450	3/4"-10	1 1/8"	41/64"		100
24451	7/8"-9	1 5/16"	3/4"	50	200



- Used in conjunction with 316 Stainless Steel bolts.
- Highly weather resistant.
- Proof load is 100,000psi.
- 316 Stainless Steel is significantly more weather-resistant than 300 series Stainless Steel.

316 Stainless Steel

PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
54510	1/4"-20	7/16"	7/32"	100	4,000
54511	5/16"-18	1/2"	17/64"	100	3,200
54512	3/8"-16	9/16"	21/64"	100	3,200
54513	1/2"-13	3/4"	7/16"	100	800
54514	5/8"-11	15/16"	35/64"	100	400
54515	3/4"-10	1 1/8"	41/64"	100	400
54516	1"-8	1 1/2"	55/64"	25	100

Hex Nuts (continued)**Silicon Bronze**

- Used in conjunction with Silicon Bronze bolts and machine screws.
- Highly weather resistant.
- Proof load is 100,000psi.



PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
763	1/4"-20	7/16"	7/32"	100	4,000
9905	5/16"-18	1/2"	17/64"	100	1,600
9911	3/8"-16	9/16"	21/64"	100	3,200
24582	1/2"-13	3/4"	7/16"	100	800
24583	5/8"-11	15/16"	35/64"	100	400
24584	3/4"-10	1 1/8"	41/64"	100	400

Solid Brass

- Used in conjunction with brass bolts and machine screws.
- Highly weather resistant.
- Proof load is 60,000psi.



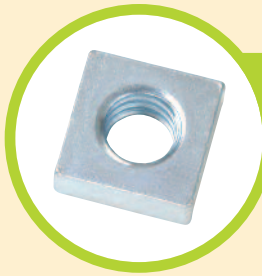
PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
24510	#6-32	5/16"	7/64"	100	4,000
24520	#8-32	11/32"	1/8"	100	4,000
24521	#10-24	3/8"	1/8"	100	4,000
24530	#10-32	3/8"	1/8"	100	4,000
24540	#12-24	7/16"	5/32"	100	4,000
163	1/4"-20	7/16"	3/16"	100	4,000
24560	1/4"-20	7/16"	7/32"	100	4,000
24570	5/16"-18	1/2"	17/64"	100	3,200
227	3/8"-16	9/16"	21/64"	100	1,600
24580	1/2"-13	3/4"	7/16"	100	400
24590	5/8"-11	15/16"	35/64"	100	400
24610	3/4"-10	1 1/8"	41/64"	100	100

Aluminum

- Used in conjunction with aluminum bolts.
- Proof stress load is 55,000psi.
- Anodized finish available on request.



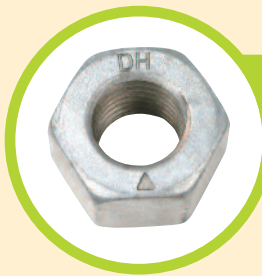
PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
4769	1/4"-20	7/16"	7/32"	100	400
4770	5/16"-18	1/2"	17/64"	100	400
4771	3/8"-16	9/16"	21/64"	100	400
4772	1/2"-13	3/4"	7/16"	100	400
4773	5/8"-11	15/16"	35/64"	100	400



Square Machine Screw Nut Zinc Plated

- Manufactured from Grade 2 steel.
- Offers a greater bearing surface for wrenching.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
27010	#6-32	5/16"	7/64"	100	4,000
27020	#8-32	11/32"	1/8"	100	4,000
167	#10-24	3/8"	1/8"	100	4,000
27030	#10-32	3/8"	1/8"	100	4,000
27040	1/4"-20	7/16"	3/16"	100	1,600
27050	5/16"-18	9/16"	7/32"	100	1,600
27060	3/8"-16	5/8"	1/4"	100	1,600



A563-DH Heavy Hex Structural Nut Hot Dip Galvanized

- For use with galvanized A325 Structural Bolts.
- A563-DH Heavy Hex Nuts have a Rockwell Hardness ranging from C24-C38.
- A563-DH Heavy Hex Nuts offers a proof-load of 175,000 psi.
- Fully traceable certification of chemical and physical compliance available by request.
- Hot dip galvanized plated to meet ASTM Specification A153.

PART NUMBER	SIZE	HEX SIZE	THICKNESS	INNER PACK QTY	CARTON QTY
5191	1/2"-13	7/8"	1/2"	50	800
5240	5/8"-11	1 1/16"	39/64"	50	400
5241	3/4"-10	1 1/4"	47/64"		1,000
5242	7/8"-9	1 7/16"	55/64"		100
5254	1"-8	1 5/8"	1"		100



Nylon Insert Stop Nut Zinc Plated

- Hex nut with a nylon filled collar at its back end. When screw reaches collar, the screw threads and nylon form a tight, frictional fit.
- Restricts movement of the screw when it is subject to vibration.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
25910	#6-32	15/16"	11/64"	100	4,000
25920	#8-32	11/32"	7/32"	100	4,000
25930	#10-24	3/8"	15/64"	100	4,000
25940	#10-32	3/8"	15/64"	100	4,000
166	1/4"-20	7/16"	5/16"	100	4,000
25950	5/16"-18	1/2"	11/32"	100	3,200
25960	3/8"-16	9/16"	29/64"	100	3,200
25970	1/2"-13	3/4"	19/32"	100	400
25980	5/8"-11	15/16"	3/4"	100	400
25990	3/4"-10	1 1/16"	7/8"		100
83750	1"-8	1 1/2"	1 1/16"		100

Key Locknut Zinc Plated



- A hex nut pre-assembled with a free spinning, external tooth lockwasher.
- The locking action is achieved when the nut is tightened causing the teeth of the lock washer to dig into the bearing surface.
- Nut manufactured from AISI 1008 steel.
- The external tooth lockwasher is stamped from AISI 1050 steel.
- Lock washer has a Rockwell Hardness ranging from C38-C44.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
26910	#6-32	5/16"	3/32"	100	4,000
26920	#8-32	11/32"	1/8"	100	4,000
26930	#10-24	3/8"	1/8"	100	4,000
7470	#10-32	3/8"	1/8"	100	4,000
11030	1/4"-20	7/16"	3/16"	100	4,000
26940	5/16"-18	1/2"	17/64"	100	1,600
26950	3/8"-16	9/16"	21/64"	100	1,600

Closed End Cap Nut Nickel Plated



- Manufactured from Zinc die cast.
- Used as a cover for projecting threads.
- Nickel plated for protection and aesthetics.

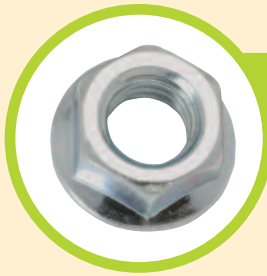
PART NUMBER	INTERNAL THREAD SIZE	WIDTH ACROSS FLATS	THICKNESS	INNER PACK QTY	CARTON QTY
26970	1/4"-20	7/16"	15/16"	100	1,600
26980	5/16"-18	1/2"	17/32"	100	1,600
26990	3/8"-16	9/16"	5/8"	100	800

Forged Wing Nut Zinc Plated



- Used in situations where assembly and disassembly occur often.
- Easy to turn with fingers.
- Forged from Grade 2 steel.
- Zinc plated to meet ASTM Specification F1941.

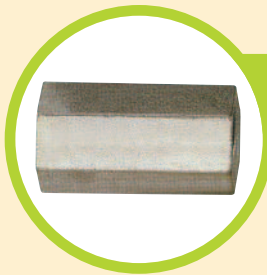
PART NUMBER	INTERNAL THREAD SIZE	WING SPAN	INNER PACK QTY	CARTON QTY
27110	#6-32	5/8"	100	4,000
27120	#8-32	7/8"	100	4,000
27130	#10-24	7/8"	100	1,600
27140	#10-32	7/8"	100	1,600
27150	1/4"-20	1"	100	800
27160	5/16"-18	1 1/4"	100	800
27170	3/8"-16	1 5/16"	100	800



Hex Flange Nut with Serrations Zinc Plated

- Hex nut with an enlarged circular base flaring out from the bottom of nut.
- The bearing surface of the flange has serrations which displace material on the mating surface when the nut is wrenched into place, forming a connection which resists loosening.
- Case hardened so surface has a minimum Rockwell Hardness of C40.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	INTERNAL THREAD SIZE	FLANGE DIAMETER	OVERALL HEIGHT	INNER PACK QTY	CARTON QTY
747	#10-32	1/2"	7/32"	50	2,000
1767	1/4"-20	37/64"	15/64"	100	1,600
1768	5/16"-18	43/64"	11/16"	100	1,600
1769	3/8"-16	3/4"	21/64"	100	800



Hex Coupling Nut Zinc Plated

- Used for joining two threaded rods.
- Formed from AISI 1010 Steel.
- Hex Coupling Nuts have a Rockwell Hardness ranging from B68 to C32.
- The minimum Tensile Strength is 60,000psi.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	INTERNAL THREAD SIZE	HEX SIZE	LENGTH	INNER PACK QTY	CARTON QTY
1580	1/4"-20	3/8"	7/8"	100	800
1581	5/16"-18	3/8"	7/8"	100	400
1582	3/8"-16	1/2"	1"	100	4,000
1583	1/2"-13	5/8"	1 1/4"	100	400
1584	5/8"-11	3/4"	1 1/2"		100
1585	3/4"-10	1"	2 1/4"		100



Conical Shaped Disc Spring Washer

- Provides tension in bolt/nut assemblies to prevent loosening.

PART NUMBER	BOLT SIZE	DIMENSIONS Max OD x Min ID x Thickness x Height	MATERIAL	FLAT LOAD	INNER PACK QTY	CARTON QTY
115205	1/2"	1" x .505" x .062" x .085"	#301 Stainless Steel	1,090	100	1,600
5576	1/2"	1 1/4" x .505" x .125" x .143"	#301 Stainless Steel	4,024	100	800
5577	1/2"	1 1/8" x .505" x .125" x .145"	#301 Stainless Steel	5,749	100	1,600
5595	1/2"	1 3/16" x .515" x .097" x .116"	#17/7 Stainless Steel	2,197	100	1,600
5580	1/2"	1 1/16" x .505" x .109" x .134"	#17/7 Stainless Steel	5,488	100	1,600

Medium Split Lock Washer Zinc Plated

- A coiled split circular washer with a slightly trapezoidal wire section.
- Applies greater bolt tension.
- Provides a hardened bearing surface.
- Provides more uniform load distribution.
- Resists loosening caused by vibration and corrosion.
- Manufactured from AISI 1055 steel.
- Heat treated to a minimum Rockwell Hardness of C35.
- Zinc plated to meet ASTM Specification F1941.



PART NUMBER	SIZE	INSIDE DIAMETER	OUTSIDE DIAMETER	INNER PACK QTY	CARTON QTY
1660	#6	.148"	.250"	100	8,000
1661	#8	.175"	.293"	100	4,000
1662	#10	.202"	.334"	100	4,000
1663	#12	.229"	.377"	100	4,000

Type 304 Stainless Steel Split Lock Washer

- Split Lock Washers are coiled split circular washers with trapezoidal wire sections.
- Split Lock Washers are used to provide greater bolt tension and resist loosening caused by vibration and corrosion.
- Manufactured from Type 304 Stainless Steel.



PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
5301	#8	100	4,000
5302	#10	100	4,000
5303	1/4"	100	4,000
5304	5/16"	100	4,000
5305	3/8"	100	3,200
5306	1/2"	100	1,600
5307	5/8"	100	800
5308	3/4"	100	800
5309	7/8"	100	400
5310	1"	100	400

Type 316 Stainless Steel Split Lock Washer

- Split Lock Washers are coiled split circular washers with trapezoidal wire sections.
- Split Lock Washers are used to provide greater bolt tension and resist loosening caused by vibration and corrosion.
- 316 Stainless Steel is significantly more weather-resistant than 300 series Stainless Steel.
- Manufactured from Type 316 Stainless Steel.



PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
53030	1/4"	100	4,000
53040	5/16"	100	4,000
53050	3/8"	100	4,000
53060	1/2"	100	3,200
53070	5/8"	100	800
53080	3/4"	100	800
53090	7/8"	100	400
53091	1"	100	400



Silicon Bronze Split Lock Washer

- Split Lock Washers are coiled split circular washers with trapezoidal wire sections.
- Split Lock Washers are used to provide greater bolt tension resist loosening caused by vibration and corrosion.
- Manufactured from Silicon Bronze Alloy #651.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
8SLWSB	#8	100	4,000
10SLWSB	#10	100	4,000
14SLWSB	1/4"	100	4,000
516SLWSB	5/16"	100	4,000
38SLWSB	3/8"	100	3,200
12SLWSB	1/2"	100	1,600
58SLWSB	5/8"	100	800
34SLWSB	3/4"	100	800
78SLWSB	7/8"	100	400
1SLWSB	1"	100	400



Internal/External Tooth Lock Washer Zinc Plated

- Heat-treated after stamping to a Rockwell Hardness of C40 to C50.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	SCREW SIZE	INSIDE DIAMETER	OUTSIDE DIAMETER	THICKNESS (min.)	CARTON QTY
10210	#6	.141" - .150"	.495" - .510"	.023"	10,000
10220	#8	.163" - .176"	.580" - .610"	.023"	10,000
10230	#10	.195" - .204"	.580" - .610"	.028"	10,000
10240	1/4"	.256" - .267"	.725" - .760"	.032"	10,000
10250	5/16"	.320" - .332"	.865" - .900"	.032"	7,500
10260	3/8"	.384" - .398"	.965" - .985"	.037"	6,000
10280	1/2"	.512" - .530"	1.22" - 1.26"	.047"	1,000
10292	5/8"	.640" - .663"	1.38" - 1.41"	.052"	500

Internal Tooth Lock Washer Zinc Plated

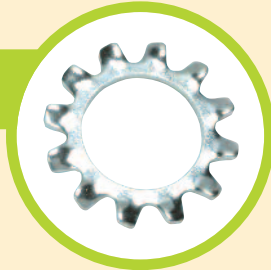
- Heat-treated after stamping to a Rockwell Hardness C40 to C50.
- Zinc plated to meet ASTM Specification F1941.



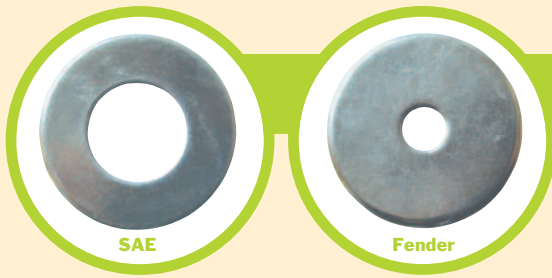
PART NUMBER	SCREW SIZE	OUTSIDE DIAMETER	THICKNESS (min.)	CARTON QTY
10310	#6	.275" - .295"	.017"	10,000
10311	#8	.325" - .340"	.018"	10,000
10312	#10	.365" - .381"	.020"	10,000
10313	1/4"	.460" - .478"	.023"	10,000
10314	5/16"	.594" - .610"	.028"	9,000
10315	3/8"	.670" - .692"	.032"	6,000
10317	1/2"	.867" - .900"	.037"	4,000
10319	5/8"	1.045" - 1.071"	.042"	2,000

External Tooth Lock Washer Zinc Plated

- Heat-treated after stamping to a Rockwell Hardness of C40 to C50.
- Zinc plated to meet ASTM Specification F1941.



PART NUMBER	SCREW SIZE	OUTSIDE DIAMETER	THICKNESS (min.)	CARTON QTY
24210	#6	.305" - .320"	.024"	10,000
24220	#8	.365" - .381"	.024"	10,000
24230	#10	.395" - .410"	.024"	10,000
782	1/4"	.494" - .510"	.027"	10,000
24340	5/16"	.588" - .610"	.033"	9,000
1300	3/8"	.670" - .694"	.042"	6,000
24360	1/2"	.880" - .900"	.048"	4,000
24380	5/8"	1.045" - 1.070"	.054"	2,000
24390	3/4"	1.220" - 1.260"	.054"	2,000



Round Flatwasher

- Used as spacers or supports under screw or bolt heads.
- SAE Flatwashers and Fender Washers are zinc plated to meet ASTM Specification F1941 (unless noted otherwise).

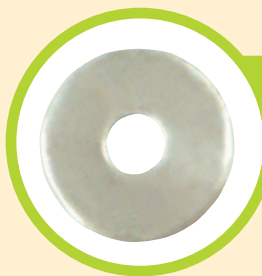
SAE FLATWASHER

PART NUMBER	BOLT SIZE	INSIDE DIAMETER	OUTSIDE DIAMETER	THICKNESS	INNER PACK QTY	CARTON QTY
364	#6	5/32"	3/8"	3/64"	100	4,000
11004	#8	3/16"	7/16"	3/64"	100	4,000
673	3/16"	7/32"	1/2"	3/64"	100	4,000
11005	1/4"	9/32"	5/8"	1/16"	100	4,000
654	5/16"	11/32"	11/16"	1/16"	100	4,000
11006	3/8"	13/32"	13/16"	1/16"	100	3,200
11007	1/2"	17/32"	1 1/16"	3/32"	100	800
12035*	5/8"	21/32"	1 5/16"	3/32"	100	1,600

* Denotes hot dip galvanized.

FENDER WASHER

PART NUMBER	BOLT SIZE	INSIDE DIAMETER	OUTSIDE DIAMETER	THICKNESS	INNER PACK QTY	CARTON QTY
7010	1/4"	9/32"	1"	1/16"	100	3,200
242	1/4"	9/32"	1 1/4"	1/16"	100	1,600
801	5/16"	11/32"	1 1/4"	1/16"	100	1,600
6004	5/16"	11/32"	1 1/2"	1/16"	100	1,600
11009	3/8"	13/32"	1 1/4"	1/16"	100	1,600
11010	3/8"	13/32"	1 1/2"	1/16"	100	800



Type #304 Stainless Steel Flat Washer

- Used as spacers or supports under Stainless screw or bolt heads.
- Manufactured from Type #304 Stainless Steel.

PART NUMBER	BOLT/SCREW SIZE	OUTSIDE DIAMETER	THICKNESS	INNER PACK QTY	CARTON QTY
314097	#8	.375"	.031"	100	4,000
314098	#10	.437"	.031"	100	4,000
314099	1/4"	.625"	.050"	100	4,000
314100	5/16"	.750"	.050"	100	4,000
314101	3/8"	.875"	.050"	100	4,000
314102	1/2"	1.250"	.062"	100	1,600
314103	5/8"	1.375"	.078"	100	800
314104	3/4"	1.875"	.109"	100	400
314105	7/8"	2.000"	.109"	50	400
314106	1"	2.000"	.125"		100

Type #316 Stainless Steel Flat Washer

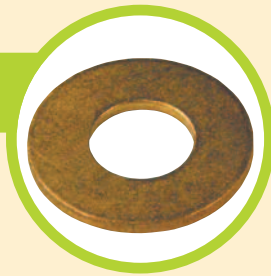
- Used as spacers or supports under 316 Stainless Steel bolt heads.
- Manufactured from Type #316 Stainless Steel.
- #316 Stainless Steel is significantly more weather-resistant than other 300 series Stainless Steels.



PART NUMBER	BOLT/SCREW SIZE	OUTSIDE DIAMETER	THICKNESS	INNER PACK QTY	CARTON QTY
17212	1/4"	.625"	.050"	100	4,000
17213	5/16"	.750"	.050"	100	4,000
17214	3/8"	.875"	.050"	100	4,000
17215	1/2"	1.250"	.062"	100	1,600
17216	5/8"	1.375"	.078"	100	800
17217	3/4"	1.875"	.109"	100	400
17218	7/8"	2.000"	.109"	100	400
17219	1"	2.000"	.125"	50	400

Silicon Bronze Flat Washer

- Used as spacers or supports under screw or bolt heads.
- Manufactured from Silicon Bronze Alloy #651.



PART NUMBER	BOLT/SCREW SIZE	OUTSIDE DIAMETER	THICKNESS	INNER PACK QTY	CARTON QTY
8FWSB	#8	.375"	.032"	100	4,000
10FWSB	#10	.500"	.040"	100	4,000
14FWSB	1/4"	.687"	.051"	100	4,000
516FWSB	5/16"	.875"	.062"	100	4,000
38FWSB	3/8"	1.000"	.081"	100	3,200
12FWSB	1/2"	1.375"	.091"	100	1,600
58FWSB	5/8"	1.750"	.102"	100	800
34FWSB	3/4"	2.000"	.114"	100	400
78FWSB	7/8"	2.250"	.128"	100	400
1FWSB	1"	2.500"	.144"		100

Direct Tension Indicating Washer

- Provides absolute assurance that an individual bolt or stud assembly is tensioned properly.
- The below DTI's are for use with hot dip galvanized ASTM A325-1 bolt assemblies. DTI's for other specified bolts are available by request.
- Final inspection is simple and easy. Once the protrusions are flattened, the desired tension has been achieved.
- DTI's meet ASTM Specification F959.
- Hot dip galvanized to meet ASTM Specification A153.



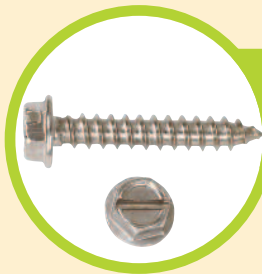
PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
8379004	5/8"	100	400
8479001	3/4"	100	400
8479000	7/8"	100	400



F436-1 Structural Washer Hot Dip Galvanized

- Dimensionally comparable to the USS Washer, but with a smaller outside diameter and manufactured from a higher grade of steel and heat-treated.
- Designed to be used with A325 Structural Bolts.
- Rockwell Hardness ranges from C38-45.
- Galvanized washers conform to ASTM Specification A153.
- Manufactured in the United States.
- Fully traceable certifications of chemical and physical compliance available by request.

PART NUMBER	SIZE	OUTSIDE DIAMETER (min.)	THICKNESS	INNER PACK QTY	CARTON QTY
5249	1/2"	1 1/16"	5/32"		1,000
5250	5/8"	1 5/16"	5/32"		900
5251	3/4"	1 1/2"	5/32"	100	800
5252	7/8"	1 3/4"	5/32"	100	400
5253	1"	2"	5/32"	100	400



Slotted Hex Washer AB Tapping Screw #304 Stainless Steel

- Used to "tap" their own mating internal thread when driven into preformed holes in metallic materials.
- All sizes are fully threaded.
- Does not require a preformed hole in wood.
- Formed from 18-8 Stainless Steel for strength and weather resistance.

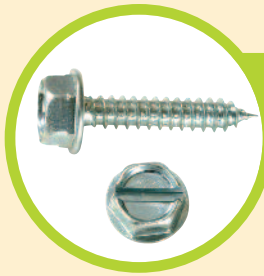
PART NUMBER	SIZE	HEX SIZE	INNER PACK QTY	CARTON QTY
20000	#6 x 1/2"	1/4"	100	4,000
69700	#6 x 3/4"	1/4"	100	4,000
82000	#6 x 1"	1/4"	100	4,000
20400	#8 x 1/2"	1/4"	100	4,000
13600	#8 x 3/4"	1/4"	100	4,000
13800	#8 x 1"	1/4"	100	4,000
13500	#8 x 1 1/4"	1/4"	100	4,000
13900	#8 x 1 1/2"	1/4"	100	3,200
14000	#8 x 2"	1/4"	100	1,600
28800	#10 x 1/2"	5/16"	100	4,000
66700	#10 x 3/4"	5/16"	100	4,000
66800	#10 x 1"	5/16"	100	3,200
66900	#10 x 1 1/4"	5/16"	100	3,200
38800	#10 x 1 1/2"	5/16"	100	1,600
45700	#10 x 2"	5/16"	100	1,600
1550	#10 x 2 1/2"	5/16"	100	800
19800	#14 x 3/4"	3/8"	100	1,600
18900	#14 x 1"	3/8"	100	1,600
19000	#14 x 1 1/2"	3/8"	100	1,600
38900	#14 x 2"	3/8"	100	800

Slotted Hex Washer AB Tapping Screw Zinc Plated



- Used to “tap” their own mating internal thread when driven into preformed holes in metallic materials.
- Does not require a preformed hole in wood.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1016 steel.
- Saw slotted for deep even groove.
- All sizes are fully threaded.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	HEX SIZE	INNER PACK QTY	CARTON QTY
2010	#6 x 1/4"	1/4"	100	4,000
200	#6 x 1/2"	1/4"	100	4,000
81	#6 x 5/8"	1/4"	100	4,000
697	#6 x 3/4"	1/4"	100	4,000
82	#6 x 1"	1/4"	100	4,000
204	#8 x 1/2"	1/4"	20	6,000
134	#8 x 1/2"	1/4"	100	8,000
137	#8 x 5/8"	1/4"	100	8,000
201	#8 x 3/4"	1/4"	20	4,000
136	#8 x 3/4"	1/4"	100	2,000
205	#8 x 1"	1/4"	20	4,000
138	#8 x 1"	1/4"	100	4,000
202	#8 x 1 1/4"	1/4"	20	8,000
135	#8 x 1 1/4"	1/4"	100	4,000
384	#8 x 1 1/2"	1/4"	8	800
139	#8 x 1 1/2"	1/4"	100	3,200
385	#8 x 2"	1/4"	20	1,000
140	#8 x 2"	1/4"	100	1,600
383	#8 x 2 1/2"	1/4"	100	1,600
458	#8 x 3"	1/4"	100	1,600
288	#10 x 1/2"	5/16"	100	4,000
667	#10 x 3/4"	5/16"	100	4,000
668	#10 x 1"	5/16"	100	3,200
669	#10 x 1 1/4"	5/16"	100	3,200
388	#10 x 1 1/2"	5/16"	100	1,600
457	#10 x 2"	5/16"	100	1,600
155	#10 x 2 1/2"	5/16"	100	800
390	#10 x 3"	5/16"	100	800
396	#10 x 4"	5/16"	100	400
392	#10 x 4"	5/16"	8	400
212300	#12 x 3/4"	5/16"	100	3,200
173	#12 x 1"	5/16"	100	1,600
145	#12 x 1 1/2"	5/16"	100	1,600
397	#12 x 2"	5/16"	100	800
198	#14 x 3/4"	3/8"	100	1,600
189	#14 x 1"	3/8"	100	1,600
142	#14 x 1 1/4"	3/8"	100	1,600
386	#14 x 1 1/2"	3/8"	20	1,000
190	#14 x 1 1/2"	3/8"	100	1,600
8030	#14 x 1 3/4"	3/8"	100	800
389	#14 x 2"	3/8"	100	800
156	#14 x 2 1/2"	3/8"	100	400
199	#14 x 3"	3/8"	100	400
748	#14 x 4"	3/8"	100	400
158	#18 x 1 1/2"	3/8"	100	800
159	#18 x 2"	3/8"	100	400
225	#18 x 2"	3/8"	8	400
160	#18 x 2 1/2"	3/8"	100	400
226	#18 x 2 1/2"	3/8"	8	400



3/8" Hex Slotted Washer AB Tapping Screw Zinc Plated

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
273	#10 x 3/4" x 3/8"(Hex)	100	3,200
295	#10 x 1" x 3/8"(Hex)	100	3,200



Slotted/Phillip Hex Washer AB Tapping Screw Zinc Plated

- Combination head accepts both Phillip, Slotted and Hex drives.
- Used to "tap" their own mating internal thread when driven into preformed holes in metallic materials.
- Does not require a preformed hole in wood.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1016 steel.
- All sizes are fully threaded.
- Zinc plated to meet ASTM Specification F1941.

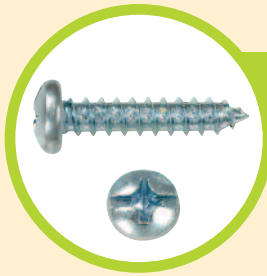
PART NUMBER	SIZE	HEX SIZE	INNER PACK QTY	CARTON QTY
5103	#8 x 1/2"	1/4"	20	1,000
5228	#8 x 3/4"	1/4"	100	8,000
5129	#8 x 1"	1/4"	100	4,000
5106	#8 x 1 1/4"	1/4"	20	2,000
5130	#8 x 1 1/2"	1/4"	100	3,200
5108	#8 x 2"	1/4"	20	1,000
5109	#8 x 2 1/2"	1/4"	20	1,000
5110	#8 x 3"	1/4"	20	1,000
5131	#10 x 3/4"	5/16"	100	4,000
5132	#10 x 1"	5/16"	100	3,200
5133	#10 x 1 1/2"	5/16"	100	1,600
5134	#10 x 2"	5/16"	100	1,600
5135	#10 x 2 1/2"	5/16"	100	800
5116	#10 x 3"	5/16"	20	1,000
5117	#14 x 3/4"	3/8"	20	2,000
5118	#14 x 1"	3/8"	20	1,000
5119	#14 x 1 1/4"	3/8"	20	1,000
5120	#14 x 1 1/2"	3/8"	20	1,000
5136	#14 x 2"	3/8"	100	800
5137	#14 x 2 1/2"	3/8"	100	400
5123	#14 x 3"	3/8"	20	500
5124	#14 x 4"	3/8"	20	500
5125	#18 x 1 1/2"	3/8"	20	1,000
5126	#18 x 2"	3/8"	20	500
5127	#18 x 2 1/2"	3/8"	20	500
5128	#18 x 3"	3/8"	20	500

Slotted/Phillip Hex Washer Type 17 Screw Zinc Yellow

- Coarse threaded fastener with a sharp point and chip cavity extending from the point and up the shank.
- Fully threaded up the entire length of screw.
- Ideal for hard woods.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1018 steel.
- Zinc plated with yellow chromate as per ASTM Specification F1941.



PART NUMBER	SIZE	HEX SIZE	INNER PACK QTY	CARTON QTY
6110	#8 x 1/2"	1/4"	20	6,000
6111	#8 x 3/4"	1/4"	100	8,000
6112	#8 x 1"	1/4"	100	4,000
6113	#8 x 1 1/4"	1/4"	20	2,000
6114	#8 x 1 1/2"	1/4"	100	3,200
6115	#8 x 2"	1/4"	20	1,000
6116	#8 x 2 1/2"	1/4"	20	1,000
6117	#8 x 3"	1/4"	20	1,000
6118	#10 x 3/4"	5/16"	100	4,000
6119	#10 x 1"	5/16"	100	3,200
6120	#10 x 1 1/2"	5/16"	100	1,600
6121	#10 x 2"	5/16"	100	1,600
6122	#10 x 2 1/2"	5/16"	100	800
6123	#10 x 3"	5/16"	20	1,000
6124	#14 x 3/4"	3/8"	20	2,000
6125	#14 x 1"	3/8"	20	1,000
6126	#14 x 1 1/4"	3/8"	20	1,000
6127	#14 x 1 1/2"	3/8"	20	1,000
6128	#14 x 2"	3/8"	100	800
6129	#14 x 2 1/2"	3/8"	100	400
6130	#14 x 3"	3/8"	20	1,000
6131	#14 x 4"	3/8"	20	500

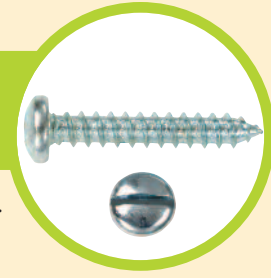


Combo Pan AB Tapping Screw Zinc Plated

- Accepts both Phillip and Slotted drives.
- Used to “tap” their own mating internal thread when driven into preformed holes in metallic materials.
- Does not require a preformed hole in wood.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1016 Steel.
- All sizes are fully threaded.
- Zinc plated to meet ASTM Specification F1941.

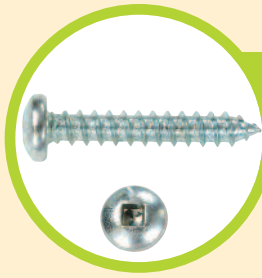
PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
10025	#6 x 5/8"	100	4,000
10021	#6 x 3/4"	100	4,000
1002	#6 x 1"	100	4,000
998	#6 x 1 1/4"	100	4,000
833	#7 x 1/2"	100	4,000
821	#8 x 3/4"	100	4,000
822	#8 x 1"	100	4,000
423	#8 x 1"	20	4,000
825	#8 x 1 1/4"	100	4,000
823	#8 x 1 1/2"	100	3,200
824	#8 x 2"	100	1,600
4505	#8 x 3"	100	800
826	#10 x 1"	100	3,200
827	#10 x 1 1/2"	100	1,600
828	#10 x 2 1/2"	100	800
12760	#10 x 3"	100	800
829	#14 x 1"	100	1,600
830	#14 x 1 1/4"	100	1,600
831	#14 x 1 1/2"	100	1,600
10032	#14 x 1 3/4"	100	800
834	#14 x 2"	100	800
832	#14 x 2 1/2"	50	400

Slotted Pan Head AB Tapping Screw Zinc Plated



- Used to “tap” their own mating internal thread when driven into preformed holes in metallic materials.
- Does not require a preformed hole in wood.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1016 steel.
- All sizes are fully threaded.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
23	#6 x 3/8"	12	2,400
375	#6 x 3/4"	12	2,400
1000	#6 x 1"	100	4,000
2	#7 x 1/2"	20	4,000
1382	#8 x 1/2"	100	3,200
382	#8 x 1/2"	8	3,200
4	#8 x 3/4"	20	4,000
5	#8 x 1"	20	4,000
6	#8 x 1 1/4"	20	2,000
778	#8 x 1 1/2"	100	3,200
7	#8 x 1 1/2"	12	1,200
8	#8 x 2"	12	1,200
450	#8 x 3"	8	800
9	#10 x 1/2"	20	4,000
723	#10 x 1/2"	100	4,000
24	#10 x 3/4"	8	1,600
342	#10 x 3/4"	12	2,400
724	#10 x 3/4"	100	4,000
10	#10 x 1"	8	1,600
2068	#10 x 1 1/4"	100	3,200
25	#10 x 1 1/2"	8	800
3810	#10 x 2"	100	1,600
381	#10 x 2"	8	800
11	#10 x 2 1/2"	8	800
341	#10 x 3"	8	800
123	#14 x 3/4"	8	1,600
26	#14 x 1"	8	1,600
27	#14 x 1 1/4"	8	800
28	#14 x 1 1/2"	8	800
29	#14 x 1 3/4"	8	800
30	#14 x 2"	8	800
31	#14 x 2 1/2"	8	400
451	#14 x 3"	8	800
34	#18 x 1 1/2"	8	800
32	#18 x 2"	8	400
33	#18 x 2 1/2"	8	400



Square Drive Pan AB Tapping Screw Zinc Plated

- Square drive allows installer to use greater torque when tightening and reduces chance of driver slipping out of fastener.
- Used to “tap” their own mating internal thread when driven into preformed holes in metallic materials.
- Does not require a preformed hole in wood.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1016 steel.
- All sizes are fully threaded.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
2671	#6 x 1"	100	4,000
260	#8 x 1/2"	100	4,000
681	#8 x 5/8"	100	4,000
261	#8 x 3/4"	100	4,000
676	#8 x 1"	100	4,000
2672	#8 x 1 1/4"	100	4,000
263	#8 x 1 1/2"	100	3,200
262	#8 x 2"	100	1,600
264	#10 x 1/2"	100	4,000
265	#10 x 3/4"	100	4,000
266	#10 x 1"	100	3,200
2670	#10 x 1 1/4"	100	3,200
267	#10 x 1 1/2"	100	1,600
677	#10 x 2"	100	1,600
675	#10 x 3"	100	800
674	#14 x 3/4"	100	3,200
683	#14 x 1"	100	1,600
680	#14 x 1 1/2"	100	1,600
679	#14 x 2"	100	800



Slotted Flat Head AB Tapping Screw Zinc Plated

- Countersunk head allows fastener to lie flush with mating surface.
- Used to “tap” their own mating internal thread when driven into preformed holes in metallic materials.
- Does not require a preformed hole in wood.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1016 steel.
- Saw slotted for deep even groove.
- All sizes are fully threaded.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
169	#6 x 3/4"	100	4,000
757	#6 x 1"	100	4,000
12	#7 x 1/2"	20	6,000
13	#8 x 3/4"	20	4,000
14	#8 x 1"	20	4,000
15	#8 x 1 1/4"	20	2,000
16	#8 x 1 1/2"	12	1,200
17	#8 x 2"	12	1,200
18	#10 x 1"	8	1,600
19	#14 x 1"	8	1,600
20	#14 x 1 1/4"	8	800
338	#14 x 1 1/2"	8	800
21	#14 x 1 3/4"	8	800
339	#14 x 2"	8	800
440	#14 x 2"	12	600
22	#14 x 2 1/2"	8	400
340	#18 x 2 1/2"	8	400
83	#18 x 3"	50	400

Phillip Flat AB Tapping Screw Zinc Plated

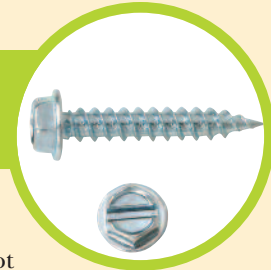
- Countersunk head allows fastener to lie flush with mating surface.
- Used to “tap” their own mating internal thread when driven into preformed holes in metallic materials.
- Does not require a preformed hole in wood.
- Case hardened so surface has a minimum Rockwell Hardness of C45.
- Manufactured from AISI 1016 steel.
- All sizes are fully threaded.
- Zinc plated to meet ASTM Specification F1941.



PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
717	#6 x 1"	#2	100	4,000
274	#7 x 1/2"	#2	100	4,000
410	#8 x 3/4"	#2	100	4,000
411	#8 x 1"	#2	100	4,000
413	#8 x 1 1/4"	#2	100	4,000
414	#8 x 1 1/2"	#2	100	3,200
415	#8 x 2"	#2	100	1,600
422	#8 x 3"	#2	100	400
416	#10 x 1"	#2	100	4,000
417	#10 x 1 1/4"	#2	100	3,200
418	#10 x 1 1/2"	#2	100	3,200
275	#10 x 2"	#2	100	1,600
419	#10 x 2 1/2"	#2	100	800
12740	#12 x 1 1/4"	#3	100	1,600
41800	#12 x 1 1/2"	#3	100	1,600
41250	#12 x 2 1/2"	#3	100	800
283	#14 x 1"	#3	100	1,600
420	#14 x 1 1/2"	#3	100	1,600
421	#14 x 2 1/2"	#3	100	800

Slotted Hex Washer Self-Piercing Screw Zinc Plated

- Self-piercing screws feature a lead-thread that is rolled to the very tip of the screw point and then rapidly develops into a logarithmic helix for easily penetrating sheet metal.
- Perfectly molded threads reduce driving torque and strip-out problems, while contrastingly increasing the speed of installation.
- Used to “tap” their own mating internal thread when driven into wood and metallic materials.
- Screws are undercut under the head to accrue positive binding.
- Does not require a pre-drilled pilot hole in sheet metal under .040" thick.
- Extra sharp point to ease starting.
- Case hardened so surface after tempering is equal to minimum Rockwell Hardness of C28-38.
- Zinc Plated to meet ASTM Specification F1941.



PART NUMBER	SIZE	HEX SIZE	INNER PACK QTY	CARTON QTY
20415	#8 x 1/2"	1/4"	100	4,000
20416	#8 x 3/4"	1/4"	100	4,000
138SP	#8 x 1"	1/4"	100	4,000
20418	#8 x 1 1/2"	1/4"	100	3,200
20419	#8 x 2"	1/4"	100	1,600
20420	#10 x 1/2"	5/16"	100	4,000
20421	#10 x 3/4"	5/16"	100	4,000
20422	#10 x 1"	5/16"	100	3,200



Phillip Modified Truss Head Self-Piercing Screw Zinc Plated

- Self-piercing screws feature a lead-thread that is rolled to the very tip of the screw point and then rapidly develops into a logarithmic helix for easily penetrating sheet metal.
- Perfectly molded threads reduce driving torque and strip-out problems, while contrastingly increasing the speed of installation.
- Used to “tap” their own mating internal thread when driven into wood and metallic materials.
- Does not require a pre-drilled pilot hole in sheet metal under .040" thick.
- Extra sharp point to ease starting.
- Case hardened so surface after tempering is equal to minimum Rockwell Hardness of C28-38.
- Zinc Plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	INNER PACK QTY	CAETON QTY
1912	#8 x 1/2"	100	4,000
1913	#8 x 3/4"	100	4,000
1914	#8 x 1"	100	4,000
1915	#8 x 1 1/4"	100	4,000

Phillip Bugle Head Fine Thread Drywall Screw



- A bugle head screw with spaced threads, extra sharp point.
- Manufactured from AISI 1018 steel.
- Case hardened so surface has a minimum Rockwell Hardness of C44.
- Dacrotized™ to withstand a minimum of 750 hours of salt spray (ASTM B117) without exhibiting red rust.

PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
2310	#6 x 1"	#2	100	4,000
2312	#6 x 1 1/4"	#2	100	4,000
2314	#6 x 1 5/8"	#2	100	3,200
2316	#6 x 2"	#2	100	1,600
2318	#6 x 2 1/4"	#2	100	1,600
2320	#8 x 2 1/2"	#2	100	1,600
2322	#8 x 3"	#2	100	800

Square Drive Bugle Head Fine Thread Drywall Screw

- A bugle head screw with spaced threads, extra sharp point.
- Manufactured from AISI 1018 steel.
- Case hardened so surface has a minimum Rockwell Hardness of C44.
- Dacrotized™ to withstand a minimum of 750 hours of salt spray (ASTM B117) without exhibiting red rust.

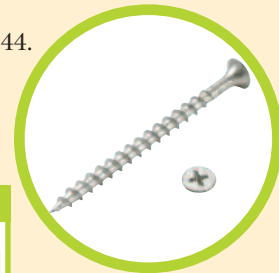


PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
2326	#6 x 1"	100	4,000
2328	#6 x 1 1/4"	100	4,000
2330	#6 x 1 5/8"	100	3,200
2332	#6 x 2"	100	1,600
2334	#6 x 2 1/4"	100	1,600
2336	#8 x 2 1/2"	100	1,600
2337	#8 x 3"	100	1,600

Square Drive Bit see page T34.

Phillip Bugle Head Coarse Thread Drywall Screw

- A bugle head screw with spaced threads, extra sharp point and black phosphate finish (unless specified otherwise).
- Manufactured from AISI 1018 steel.
- Case hardened so surface has a minimum Rockwell Hardness of C44.



PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
734	#6 x 1"*	#2	100	4,000
711	#6 x 1"	#2	100	4,000
736	#6 x 1 1/8"*	#2	100	4,000
733	#6 x 1 1/4"*	#2	100	4,000
406	#6 x 1 1/4"	#2	1000	4,000
659	#6 x 1 1/4"*	#2	1000	4,000
726	#6 x 1 5/8"*	#2	100	3,200
658	#6 x 1 5/8"*	#2	1000	4,000
731	#6 x 2"*	#2	100	1,600
732	#6 x 2 1/4"*	#2	100	1,600
713	#6 x 2 1/4"	#2	100	1,600
714	#6 x 2 1/2"*	#2	100	1,600
656	#7 x 1"	#2	1000	4,000
433	#7 x 1 1/4"	#2	1000	4,000
407	#7 x 1 5/8"	#2	1000	4,000
735	#7 x 1 5/8"*	#2	100	3,200
408	#7 x 2 1/2"	#2		500
657	#8 x 2 1/2"*	#2		500
728	#8 x 3"*	#2	100	800
409	#8 x 3"	#2		500

*Dacrotized™ to withstand a minimum of 750 hours of salt spray (ASTM B117) without exhibiting red rust.

Sq. Drive Bugle Head Coarse Thread Drywall Screw



- A bugle head screw with spaced threads, extra sharp point.
- Manufactured from AISI 1018 steel.
- Case hardened so surface has a minimum Rockwell Hardness of C44.
- Dacrotized™ to withstand a minimum of 750 hours of salt spray (ASTM B117) without exhibiting red rust.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
2360	#6 x 1"	100	4,000
2361	#6 x 1 1/4"	100	4,000
2362	#6 x 1 5/8"	100	3,200
2363	#6 x 2"	100	1,600
2364	#6 x 2 1/4"	100	1,600
2365	#8 x 2 1/2"	100	1,600
2366	#8 x 3"	100	1,600

Square Drive Bit see page T34.

Phillip Bugle Head Hi-Lo Thread Drywall Screw



- A bugle head screw with a double lead, consisting of high and low thread with an extra sharp point.
- Requires less torque to drive than standard drywall screws.
- The high-low thread is more resistant to vibration and reduces the chance of heads popping.
- Manufactured from AISI 1018 steel.
- Case hardened so surface has a minimum Rockwell Hardness of C52.
- Ideal for use in pressure treated wood.
- Dacrotized™ to withstand a minimum of 750 hours of salt spray (ASTM B117) without exhibiting red rust.

PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
730	#7 x 1"	#2	100	4,000
729	#7 x 1 1/4"	#2	100	4,000
727	#7 x 2 1/2"	#2	100	1,600
790	#8 x 3"	#2	100	3,200

Phillip Flat Head Deck Screw #304 Stainless Steel



- A bugle head screw with an extra sharp point.
- For use in pressure treated wood.
- #17 point allows for cutting edge and chip cavity for easy driving.
- Manufactured from 18-8 Stainless Steel.
- Rockwell Hardness ranges between B85-95.

PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
2344	#6 x 1 1/4"	#2	100	4,000
2346	#8 x 1 5/8"	#2	100	1,600
2348	#8 x 2"	#2	100	1,600
2352	#8 x 2 1/2"	#2	100	1,600
2353	#8 x 3"	#2	100	1,600
2354	#10 x 2 1/2"	#2	100	1,600
2356	#10 x 3"	#2	100	1,600

#4 and #5 Point Hex Washer Self-Drilling Tek

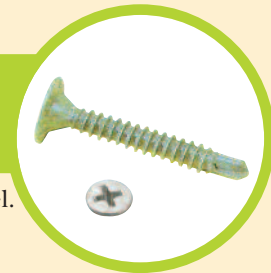
- Used to drill through and fasten to heavy gauge steel.
- Unique double fluted point has precise cutting edges to improve drilling performance in 1/4" through 1/2" steel.
- #5 Point Tek has notched threads to reduce tapping torque.
- Fluorocarbon finish provides over 1000 hours of salt spray protection without the appearance of red rust (ASTM A117).
- Manufactured from AISI 1022 Steel.
- #4 and #5 Tek's are Case Hardened to a Rockwell ranging from C50-C56.



PART NUMBER	SIZE	DRILL POINT	DRILL & TAP CAPACITY	HEX SIZE	INNER PACK QTY	CARTON QTY
1219	#12-24 x 7/8"	#4	1/8"-1/4"	5/16"	100	1,600
1220	#12-24 x 1 1/4"	#5	1/8"-1/2"	5/16"	100	1,600
1221	#12-24 x 1 1/2"	#5	1/8"-1/2"	5/16"	100	1,600
1222	#12-24 x 2"	#5	1/8"-1/2"	5/16"	100	800
1223	1/4"-28 x 3"	#5	1/8"-1/2"	3/8"	100	400
1224	1/4"-28 x 4"	#5	1/8"-1/2"	3/8"	100	400

Phillip Bugle Head Self-Drilling Drywall Screw Zinc Plated

- Used for attaching drywall, plywood, or insulation to metal studs.
- Does not require pre-drilling hole in sheet metal.
- Case hardened so surface has a minimum Rockwell Hardness of C52.
- Manufactured from AISI 1016 Steel.
- Zinc Plated to meet ASTM Specification F1941



PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
2375	#6 x 1"	#1	100	4,000
2376	#6 x 1 1/8"	#1	100	4,000
2377	#6 x 1 1/4"	#1	100	4,000
2378	#6 x 1 5/8"	#1	100	3,200
2379	#6 x 1 7/8"	#1	100	1,600
2380	#8 x 2 3/8"	#2	100	1,600
2381	#8 x 2 5/8"	#2	100	1,600
2382	#8 x 3"	#2	100	800

Phillip Modified Truss K-Lath Self-Drilling Screw Zinc Plated

- Used for attaching wire lath to metal framing studs.
- Does not require pre-drilling hole in sheet metal.
- Case hardened so surface has a minimum Rockwell Hardness of C52.
- Manufactured from AISI 1016 steel.
- Zinc Plated to meet ASTM Specification F1941.



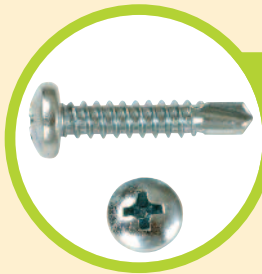
PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
2338	#8 x 1/2"	#2	100	4,000
2339	#8 x 3/4"	#2	100	4,000
2340	#8 x 1"	#2	100	4,000
2341	#8 x 1 1/4"	#2	100	4,000



Phillip Pan Head Self-Drilling Framing Screw Zinc Plated

- Used for constructing lightweight metal frames.
- Does not require pre-drilling hole in sheet metal.
- Case hardened so surface has a minimum Rockwell Hardness of C52.
- Manufactured from AISI 1016 Steel.
- Zinc Plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
1860	#7 x 7/16"	#2	100	4,000



Phillip Pan Self-Drilling Screw (Tek) Zinc Plated

- Self-Drilling screws are used to “tap” their own mating internal thread when driven into metallic materials. Self Drilling do not require a predrilled hole.
- Case hardened so surface after tempering ranges from Rockwell C52-58.
- Core hardness after tempering ranges from Rockwell C32-40.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	DRILL POINT LENGTH	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
2910	#8 x 1/2"	.211"	#2	100	4,000
2911	#8 x 3/4"	.211"	#2	100	4,000
2912	#8 x 1"	.211"	#2	100	4,000
2913	#8 x 1 1/4"	.211"	#2	100	3,200
2914	#8 x 1 1/2"	.211"	#2	100	1,600
2915	#8 x 2"	.211"	#2	100	1,600
2916	#10 x 1/2"	.300"	#2	100	4,000
2917	#10 x 3/4"	.300"	#2	100	4,000
2918	#10 x 1"	.300"	#2	100	3,200
2819	#10 x 1 1/4"	.300"	#2	100	1,600
2920	#10 x 1 1/2"	.300"	#2	100	1,600
2921	#10 x 2"	.300"	#2	100	1,600
2922	#14 x 3/4"	.393"	#3	100	1,600
2923	#14 x 1"	.393"	#3	100	1,600
2924	#14 x 1 1/2"	.393"	#3	100	1,600
2925	#14 x 2"	.393"	#3	100	800

Unslotted Hex Washer Tek Screw Zinc Plated



- A tapping screw with spaced threads and a drill point which drills its own hole.
- Can drill into steel or wood without predrilling hole.
- Case hardened so surface has a minimum Rockwell Hardness of C52.
- Manufactured from AISI 1016 steel.
- Zinc plated to meet ASTM Specification F1941

PART NUMBER	SIZE	HEX SIZE (max.)	DRILL POINT LENGTH	INNER PACK QTY	CARTON QTY
671	#8 x 1/2" (#2 Pt.)	1/4"	.211"	100	4,000
1551	#8 x 3/4" (#2 Pt.)	1/4"	.211"		5,000
670	#8 x 1" (#2 Pt.)	1/4"	.211"	100	4,000
1553	#8 x 1 1/4" (#2 Pt.)	1/4"	.211"		4,000
1554	#8 x 1 1/4" (#3 Pt.)	1/4"	.251"		3,500
1555	#8 x 1 1/2" (#2 Pt.)	1/4"	.211"	100	3,200
1556	#8 x 1 1/2" (#3 Pt.)	1/4"	.251"		2,500
1557	#8 x 1 5/8" (#2 Pt.)	1/4"	.211"		2,000
1558	#8 x 1 3/4" (#3 Pt.)	1/4"	.251"	100	1,600
1559	#10 x 1/2" (#2 Pt.)	5/16"	.235"	100	4,000
398	#10 x 3/4" (#3 Pt.)	5/16"	.300"	500	4,000
399	#10 x 1" (#3 Pt.)	5/16"	.300"	500	4,000
400	#10 x 1 1/4" (#3 Pt.)	5/16"	.300"	250	2,000
401	#10 x 1 1/2" (#3 Pt.)	5/16"	.300"	250	2,000
1560	#10 x 2" (#3 Pt.)	5/16"	.300"		1,500
1561	#12 x 3/4" (#3 Pt.)	5/16"	.353"	100	4,000
1562	#12 x 1" (#3 Pt.)	5/16"	.353"	100	3,200
1563	#12 x 1 1/4" (#3 Pt.)	5/16"	.353"	100	1,600
1564	#12 x 1 1/2" (#3 Pt.)	5/16"	.353"	100	1,600
1565	#12 x 1 3/4" (#3 Pt.)	5/16"	.353"		2,000
1566	#12 x 2" (#3 Pt.)	5/16"	.353"		2,000
1567	#14 x 3/4" (#3 Pt.)	3/8"	.393"		3,200
1568	#14 x 7/8" (#3 Pt.)	3/8"	.393"		3,000
1569	#14 x 1" (#3 Pt.)	3/8"	.393"	100	1,600
1570	#14 x 1 1/4" (#3 Pt.)	3/8"	.393"		1,500
1571	#14 x 1 1/2" (#3 Pt.)	3/8"	.393"	100	1,600
1572	#14 x 1 3/4" (#3 Pt.)	3/8"	.393"		1,000
1573	#14 x 2" (#3 Pt.)	3/8"	.393"		1,000

Phillip Drive Cement Board Screw

- Used for attaching cement board to either wood or metal studs with a thickness ranging from 14-20 gauge.
- Manufactured from AISI 1018 Steel.
- Cement Board Screws have a fluorocarbon finish that withstands 1000 hours of salt spray without exhibiting red rust (ASTM A117).



Drill Point

For Attaching Cement Board to Wood (Sharp Point)

PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
1260	#8 x 1 1/4"	#2	100	4,000
1261	#8 x 1 5/8"	#2	100	4,000
1262	#8 x 2 1/4"	#2	100	4,000



Sharp Point

For Attaching Cement Board to Steel Studs (Drill Point)

PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
1240	#8 x 1 1/4"	#2	100	4,000
1241	#8 x 1 5/8"	#2	100	4,000



Slotted Flat Head Wood Screw Zinc Plated

- Countersunk head allows fastener to lie flush with surface.
- Does not require a preformed hole in wood.
- For use in soft wood.
- Manufactured from AISI 1008 steel.
- Zinc plated to meet ASTM Specification F1941.

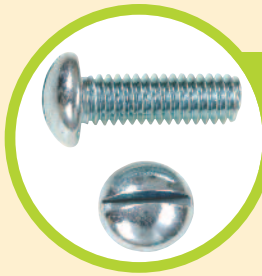
PART NUMBER	SIZE	THREAD LENGTH (min.)	INNER PACK QTY	CARTON QTY
454	#6 x 1 1/2"	1"	100	4,000
41	#8 x 3/4"	1/2"	20	4,000
87	#8 x 1"	5/8"	20	4,000
197	#8 x 1 1/4"	7/8"	10	2,000
45	#8 x 1 1/2"	1"	8	2,000
35	#14 x 1"	5/8"	8	1,600
36	#14 x 1 1/4"	7/8"	8	800
37	#14 x 1 1/2"	1"	8	800
38	#14 x 1 3/4"	1 3/16"	8	800
39	#14 x 2"	1 3/8"	8	800
40	#14 x 2 1/2"	1 3/4"	8	400
387	#14 x 3"	2"	8	400
42	#18 x 1 1/2"	1"	8	800
43	#18 x 2"	1 3/8"	8	400
44	#18 x 2 1/2"	1 3/4"	8	400
232	#18 x 3"	2"	8	400
46	#18 x 3 1/2"	2 1/2"	8	400

Slotted Round Head Wood Screw Zinc Plated



- For use in soft wood.
- Does not require a preformed hole in wood.
- Manufactured from AISI 1008 steel.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	THREAD LENGTH (min.)	INNER PACK QTY	CARTON QTY
1001	#6 x 1/4"	7/8"	100	4,000
48	#8 x 1/2"	3/8"	20	4,000
49	#8 x 3/4"	1/2"	20	4,000
50	#8 x 1"	5/8"	20	4,000
51	#8 x 1 1/4"	7/8"	20	2,000
52	#8 x 1 1/2"	1"	12	1,200
53	#8 x 1 3/4"	1 3/16"	12	1,200
54	#8 x 2"	1 3/8"	8	800
55	#8 x 2 1/2"	1 3/4"	8	800
57	#10 x 3/4"	1/2"	8	1,600
58	#10 x 1"	5/8"	8	1,600
60	#10 x 1 1/2"	1"	8	800
61	#10 x 2"	1 3/8"	8	800
62	#10 x 2 1/2"	1 3/4"	8	800
63	#10 x 3"	2"	8	800
64	#14 x 3/4"	1/2"	8	1,600
65	#14 x 1"	5/8"	8	1,600
66	#14 x 1 1/4"	7/8"	8	800
67	#14 x 1 1/2"	1"	8	800
68	#14 x 1 3/4"	1 3/16"	8	800
69	#14 x 2"	1 3/8"	8	800
70	#14 x 2 1/2"	1 3/4"	8	800
71	#14 x 3"	2"	8	400
72	#18 x 1"	5/8"	8	1,600
74	#18 x 1 1/2"	1"	8	800
75	#18 x 2"	1 3/8"	8	400
76	#18 x 2 1/2"	1 3/4"	8	400
77	#18 x 3"	2"	8	400
78	#18 x 3 1/2"	2 3/8"	8	400
80	#18 x 4 1/2"	3 1/2"	8	400



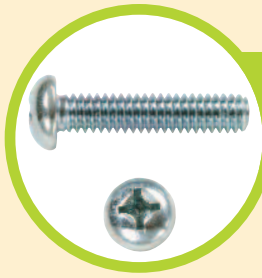
Slotted Round Head Machine Screw Zinc Plated

- Manufactured from AISI 1005 steel.
- Zinc plated to meet ASTM Specification F1941.
- Rockwell Hardness ranges from B70-100.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
20613	#6-32 x 3/16"	100	4,000
20614	#6-32 x 1/4"	100	4,000
20615	#6-32 x 5/16"	100	4,000
90055	#6-32 x 3/8"	100	4,000
900069	#6-32 x 1/2"		100
20619	#6-32 x 5/8"	100	4,000
20620	#6-32 x 3/4"	100	4,000
20621	#6-32 x 7/8"	100	4,000
20622	#6-32 x 1"	100	4,000
20623	#6-32 x 1 1/4"	100	4,000
20624	#6-32 x 1 1/2"	100	4,000
20626	#6-32 x 2"	100	3,200
20628	#6-32 x 2 1/2"	100	3,200
20630	#6-32 x 3"	100	1,600
20631	#6-32 x 4"	100	1,600
20632	#8-32 x 3/16"	100	4,000
20633	#8-32 x 1/4"	100	4,000
20634	#8-32 x 5/16"	100	4,000
20635	#8-32 x 3/8"	100	4,000
20637	#8-32 x 1/2"	100	4,000
20638	#8-32 x 5/8"	100	4,000
20639	#8-32 x 3/4"	100	4,000
20640	#8-32 x 7/8"	100	4,000
20641	#8-32 x 1"	100	4,000
20642	#8-32 x 1 1/4"	100	3,200
20643	#8-32 x 1 1/2"	100	1,600
20645	#8-32 x 2"	100	1,600
20647	#8-32 x 2 1/2"	100	1,600
20649	#8-32 x 3"	100	1,600
20650	#8-32 x 3 1/2"	100	800
20651	#8-32 x 4"	100	800
20652	#10-24 x 1/4"	100	3,200
20653	#10-24 x 5/16"	100	3,200
20654	#10-24 x 3/8"	100	3,200
20656	#10-24 x 1/2"	100	3,200
20657	#10-24 x 5/8"	100	3,200
20658	#10-24 x 3/4"	100	4,000
20660	#10-24 x 1"	100	1,600
20661	#10-24 x 1 1/4"	100	1,600
20662	#10-24 x 1 1/2"	100	1,600
20664	#10-24 x 2"	100	1,600
20666	#10-24 x 2 1/2"	100	800
20668	#10-24 x 3"	100	800
20669	#10-24 x 3 1/2"	100	800
20670	#10-24 x 4"	100	800
20671	#10-24 x 4 1/2"	100	800
20672	#10-24 x 5"	100	800
20673	#10-24 x 5 1/2"	100	800
20674	#10-24 x 6"	100	800
20675	#10-32 x 1/4"	100	4,000
20676	#10-32 x 5/16"	100	4,000
20677	#10-32 x 3/8"	100	4,000
20679	#10-32 x 1/2"	100	4,000
20680	#10-32 x 5/8"	100	3,200
20681	#10-32 x 3/4"	100	3,200
20683	#10-32 x 1"	100	3,200

Slotted Round Head Machine Screw Zinc Plated (continued)

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
20684	#10-32 x 1 $\frac{1}{4}$ "	100	1,600
20685	#10-32 x 1 $\frac{1}{2}$ "	100	1,600
20687	#10-32 x 2"	100	800
20689	#10-32 x 2 $\frac{1}{2}$ "	100	800
20691	#10-32 x 3"	100	800
20692	#10-32 x 3 $\frac{1}{2}$ "	100	800
20693	#10-32 x 4"	100	800
20709	$\frac{1}{4}$ "-20 x $\frac{1}{4}$ "	100	1,600
20710	$\frac{1}{4}$ "-20 x $\frac{5}{16}$ "	100	1,600
20711	$\frac{1}{4}$ "-20 x $\frac{3}{8}$ "	100	1,600
20713	$\frac{1}{4}$ "-20 x $\frac{1}{2}$ "	100	1,600
20714	$\frac{1}{4}$ "-20 x $\frac{5}{8}$ "	100	1,600
20715	$\frac{1}{4}$ "-20 x $\frac{3}{4}$ "	100	1,600
20716	$\frac{1}{4}$ "-20 x $\frac{7}{8}$ "	100	1,600
20718	$\frac{1}{4}$ "-20 x 1"	100	3,200
20719	$\frac{1}{4}$ "-20 x 1 $\frac{1}{4}$ "	100	1,600
20720	$\frac{1}{4}$ "-20 x 1 $\frac{1}{2}$ "	100	800
20723	$\frac{1}{4}$ "-20 x 2"	100	800
20725	$\frac{1}{4}$ "-20 x 2 $\frac{1}{2}$ "	100	800
20727	$\frac{1}{4}$ "-20 x 3"	100	800
20728	$\frac{1}{4}$ "-20 x 3 $\frac{1}{2}$ "	100	400
20729	$\frac{1}{4}$ "-20 x 4"	100	400
20730	$\frac{1}{4}$ "-20 x 4 $\frac{1}{2}$ "	100	400
20731	$\frac{1}{4}$ "-20 x 5"	100	400
20732	$\frac{1}{4}$ "-20 x 5 $\frac{1}{2}$ "	100	400
20733	$\frac{1}{4}$ "-20 x 6"	100	400
20734	$\frac{5}{16}$ "-18 x $\frac{1}{2}$ "	100	1,600
20735	$\frac{5}{16}$ "-18 x $\frac{5}{8}$ "	100	1,600
20736	$\frac{5}{16}$ "-18 x $\frac{3}{4}$ "	100	1,600
20738	$\frac{5}{16}$ "-18 x 1"	100	800
20739	$\frac{5}{16}$ "-18 x 1 $\frac{1}{4}$ "	100	800
20740	$\frac{5}{16}$ "-18 x 1 $\frac{1}{2}$ "	100	400
20742	$\frac{5}{16}$ "-18 x 2"	100	400
20744	$\frac{5}{16}$ "-18 x 2 $\frac{1}{2}$ "	100	400
20746	$\frac{5}{16}$ "-18 x 3"	100	400
20747	$\frac{5}{16}$ "-18 x 3 $\frac{1}{2}$ "	50	200
20748	$\frac{5}{16}$ "-18 x 4"	50	200
20749	$\frac{5}{16}$ "-18 x 4 $\frac{1}{2}$ "	50	200
20750	$\frac{5}{16}$ "-18 x 5"	50	200
20751	$\frac{5}{16}$ "-18 x 6"	50	200
20754	$\frac{3}{8}$ "-16 x $\frac{3}{4}$ "	100	400
20756	$\frac{3}{8}$ "-16 x 1"	100	400
20758	$\frac{3}{8}$ "-16 x 1 $\frac{1}{2}$ "	100	400
20760	$\frac{3}{8}$ "-16 x 2"	100	400
20762	$\frac{3}{8}$ "-16 x 2 $\frac{1}{2}$ "	50	200
20763	$\frac{3}{8}$ "-16 x 3"	50	200
20764	$\frac{3}{8}$ "-16 x 3 $\frac{1}{2}$ "	50	200
20765	$\frac{3}{8}$ "-16 x 4"	50	200
20766	$\frac{3}{8}$ "-16 x 4 $\frac{1}{2}$ "	50	200
20767	$\frac{3}{8}$ "-16 x 5"	50	200
20768	$\frac{1}{2}$ "-13 x 1"	50	200
20770	$\frac{1}{2}$ "-13 x 1 $\frac{1}{2}$ "	50	200
20772	$\frac{1}{2}$ "-13 x 2"	50	200
20773	$\frac{1}{2}$ "-13 x 2 $\frac{1}{2}$ "	50	200
20774	$\frac{1}{2}$ "-13 x 3"	50	200
20775	$\frac{1}{2}$ "-13 x 3 $\frac{1}{2}$ "	25	100
20776	$\frac{1}{2}$ "-13 x 4"	25	100
20777	$\frac{1}{2}$ "-13 x 5"	25	100
20778	$\frac{1}{2}$ "-13 x 6"	25	100



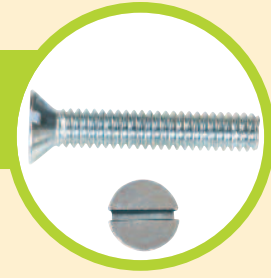
Phillip Round Head Machine Screw Zinc Plated

- Manufactured from AISI 1005 steel.
- Zinc plated to meet ASTM
- Rockwell Hardness ranges from B70-100. Specification F1941.

PART NUMBER	SIZE	PHILLIP BIT SIZE	INNER PACK QTY	CARTON QTY
20100	#4-40 x 1/4"	#1	100	4,000
20101	#4-40 x 5/16"	#1	100	4,000
20102	#4-40 x 3/8"	#1	100	4,000
20103	#4-40 x 1/2"	#1	100	4,000
20104	#4-40 x 3/4"	#1	100	4,000
20105	#6-32 x 1/4"	#2	100	4,000
20106	#6-32 x 5/16"	#2	100	4,000
20107	#6-32 x 3/8"	#2	100	4,000
20108	#6-32 x 1/2"	#2	100	4,000
20109	#6-32 x 5/8"	#2	100	4,000
20110	#6-32 x 3/4"	#2	100	4,000
20111	#6-32 x 1"	#2	100	4,000
20112	#6-32 x 1 1/4"	#2	100	4,000
20113	#6-32 x 1 1/2"	#2	100	4,000
20114	#6-32 x 2"	#2	100	3,200
20115	#8-32 x 1/4"	#2	100	4,000
20116	#8-32 x 5/16"	#2	100	4,000
20117	#8-32 x 3/8"	#2	100	4,000
20118	#8-32 x 1/2"	#2	100	4,000
20119	#8-32 x 5/8"	#2	100	4,000
20120	#8-32 x 3/4"	#2	100	4,000
20121	#8-32 x 1"	#2	100	4,000
20122	#8-32 x 1 1/4"	#2	100	4,000
20123	#8-32 x 1 1/2"	#2	100	3,200
20124	#8-32 x 2"	#2	100	1,600
20125	#10-24 x 1/4"	#2	100	4,000
20126	#10-24 x 5/16"	#2	100	4,000
20127	#10-24 x 3/8"	#2	100	4,000
20128	#10-24 x 1/2"	#2	100	4,000
20129	#10-24 x 5/8"	#2	100	4,000
20130	#10-24 x 3/4"	#2	100	4,000
20131	#10-24 x 1"	#2	100	3,200
20132	#10-24 x 1 1/4"	#2	100	3,200
20133	#10-24 x 1 1/2"	#2	100	1,600
20134	#10-24 x 2"	#2	100	1,000
20135	#10-32 x 5/16"	#2	100	4,000
20136	1/4"-20 x 3/8"	#3	100	1,600
20137	1/4"-20 x 1/2"	#3	100	1,600
20138	1/4"-20 x 5/8"	#3	100	1,600
20139	1/4"-20 x 3/4"	#3	100	1,600
20140	1/4"-20 x 1"	#3	100	1,600
20141	1/4"-20 x 1 1/4"	#3	100	1,600
20142	1/4"-20 x 1 1/2"	#3	100	1,600
20143	1/4"-20 x 2"	#3	100	800

Slotted Flat Head Machine Screw Zinc Plated

- Manufactured from AISI 1005 steel.
- Zinc plated to meet ASTM Specification F1941.
- Rockwell Hardness ranges from B70-100.



PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
20235	#6-32 x 3/16"	100	4,000
20236	#6-32 x 1/4"	100	4,000
20237	#6-32 x 5/16"	100	4,000
20238	#6-32 x 3/8"	100	4,000
20239	#6-32 x 1/2"	100	4,000
20240	#6-32 x 5/8"	100	4,000
20241	#6-32 x 3/4"	100	4,000
725	#6-32 x 1"	100	4,000
20243	#6-32 x 1 1/4"	100	4,000
20244	#6-32 x 1 1/2"	100	4,000
20246	#6-32 x 2"	100	3,200
20248	#6-32 x 2 1/2"	100	3,200
20408	#6-32 x 3"	100	1,600
20249	#6-32 x 4"	100	1,600
20250	#8-32 x 3/16"	100	1,600
20251	#8-32 x 1/4"	100	4,000
20252	#8-32 x 5/16"	100	4,000
20253	#8-32 x 3/8"	100	4,000
20254	#8-32 x 1/2"	100	4,000
20256	#8-32 x 5/8"	100	4,000
20257	#8-32 x 3/4"	100	4,000
20259	#8-32 x 1"	100	4,000
20260	#8-32 x 1 1/4"	100	3,200
20261	#8-32 x 1 1/2"	100	3,200
20263	#8-32 x 2"	100	1,600
20265	#8-32 x 2 1/2"	100	1,600
20267	#8-32 x 3"	100	1,600
20268	#8-32 x 4"	100	1,600
20269	#10-24 x 1/4"	100	4,000
20270	#10-24 x 5/16"	100	4,000
20271	#10-24 x 3/8"	100	4,000
20272	#10-24 x 1/2"	100	4,000
20273	#10-24 x 5/8"	100	4,000
20274	#10-24 x 3/4"	100	4,000
20276	#10-24 x 1"	100	3,200
20277	#10-24 x 1 1/4"	100	3,200
20278	#10-24 x 1 1/2"	100	1,600
20280	#10-24 x 2"	100	1,600
20282	#10-24 x 2 1/2"	100	1,600
20284	#10-24 x 3"	100	1,600
20285	#10-24 x 3 1/2"	100	1,600
20286	#10-24 x 4"	100	1,600
20290	#10-32 x 1/4"	100	4,000
20291	#10-32 x 5/16"	100	4,000
20292	#10-32 x 3/8"	100	4,000
20293	#10-32 x 1/2"	100	4,000
20294	#10-32 x 5/8"	100	4,000
20295	#10-32 x 3/4"	100	4,000
20297	#10-32 x 1"	100	3,200
20298	#10-32 x 1 1/4"	100	3,200
20299	#10-32 x 1 1/2"	100	1,600
20312	#10-32 x 2"	100	3,200
20314	#10-32 x 2 1/2"	100	800
20315	#10-32 x 3"	100	800
20316	#10-32 x 4"	100	800
20329	1/4"-20 x 3/8"	100	1,600
20330	1/4"-20 x 1/2"	100	1,600

• Machine Screws

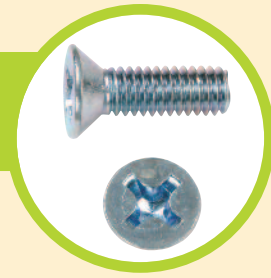
FASTENERS

Slotted Flat Head Machine Screw Zinc Plated (continued)

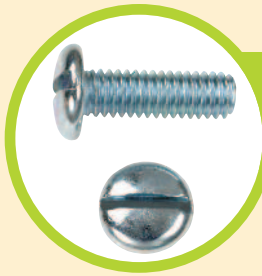
PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
20331	1/4"-20 x 5/8"	100	1,600
20332	1/4"-20 x 3/4"	100	3,200
361	1/4"-20 x 1"	100	3,200
20335	1/4"-20 x 1 1/4"	100	1,600
20336	1/4"-20 x 1 1/2"	100	1,600
20338	1/4"-20 x 2"	100	1,600
20340	1/4"-20 x 2 1/2"	100	800
20342	1/4"-20 x 3"	100	3,200
20344	1/4"-20 x 4"	100	3,200
20349	5/16"-18 x 5/8"	100	1,600
20350	5/16"-18 x 3/4"	100	1,600
20361	5/16"-18 x 1"	100	1,600
20362	5/16"-18 x 1 1/4"	100	1,600
20363	5/16"-18 x 1 1/2"	100	800
20365	5/16"-18 x 2"	100	800
20367	5/16"-18 x 2 1/2"	100	400
20369	5/16"-18 x 3"	100	400
20371	5/16"-18 x 4"	50	200
20373	3/8"-16 x 1/2"	100	800
20375	3/8"-16 x 3/4"	100	800
20377	3/8"-16 x 1"	100	800
20378	3/8"-16 x 1 1/4"	100	800
20379	3/8"-16 x 1 1/2"	100	400
20381	3/8"-16 x 2"	100	400
20383	3/8"-16 x 2 1/2"	50	200
20385	3/8"-16 x 3"	50	200
20386	3/8"-16 x 3 1/2"	50	200
20387	3/8"-16 x 4"	50	200
20391	1/2"-13 x 1"	50	200
20392	1/2"-13 x 1 1/4"	50	200
20393	1/2"-13 x 1 1/2"	50	200
20395	1/2"-13 x 2"	50	200
20397	1/2"-13 x 2 1/2"	50	200
20398	1/2"-13 x 3"	50	200
20401	1/2"-13 x 3 1/2"	25	100

Phillip Flat Head Machine Screw Zinc Plated

- Manufactured from AISI 1005 steel.
- Zinc plated to meet ASTM Specification F1941.
- Rockwell Hardness ranges from B70-100.



PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
20171	#4-40 x 1/4"	100	4,000
20172	#4-40 x 5/16"	100	4,000
20173	#4-40 x 3/8"	100	4,000
20174	#4-40 x 1/2"	100	4,000
20175	#4-40 x 3/4"	100	4,000
20176	#6-32 x 1/4"	100	4,000
20177	#6-32 x 5/16"	100	4,000
20178	#6-32 x 3/8"	100	4,000
20179	#6-32 x 1/2"	100	4,000
20180	#6-32 x 5/8"	100	4,000
20181	#6-32 x 3/4"	100	4,000
20182	#6-32 x 1"	100	4,000
20183	#6-32 x 1 1/4"	100	3,200
20184	#8-32 x 1/4"	100	4,000
20185	#8-32 x 5/16"	100	4,000
20186	#8-32 x 3/8"	100	4,000
20187	#8-32 x 1/2"	100	4,000
20188	#8-32 x 5/8"	100	4,000
20189	#8-32 x 3/4"	100	4,000
20190	#8-32 x 1"	100	3,200
20191	#8-32 x 1 1/4"	100	3,200
20192	#8-32 x 1 1/2"	100	3,200
20193	#8-32 x 2"	100	1,600
20194	#10-24 x 5/16"	100	4,000
20195	#10-24 x 3/8"	100	4,000
20196	#10-24 x 1/2"	100	4,000
20197	#10-24 x 5/8"	100	4,000
20198	#10-24 x 3/4"	100	4,000
20199	#10-24 x 1"	100	3,200
20201	#10-24 x 1 1/4"	100	1,600
20202	#10-24 x 1 1/2"	100	1,600
20203	#10-24 x 2"	100	1,600
20205	1/4"-20 x 3/8"	100	1,600
20206	1/4"-20 x 1/2"	100	1,600
20207	1/4"-20 x 5/8"	100	1,600
20208	1/4"-20 x 3/4"	100	1,600
20209	1/4"-20 x 1"	100	1,600
20210	1/4"-20 x 1 1/4"	100	1,600
20211	1/4"-20 x 1 1/2"	100	800
20212	1/4"-20 x 2"	100	800



Slotted Pan Head Machine Screw Zinc Plated

- Manufactured from AISI 1008 Steel.
- Zinc plated to meet ASTM Specification F1941.
- Rockwell Hardness ranges from B70-100.

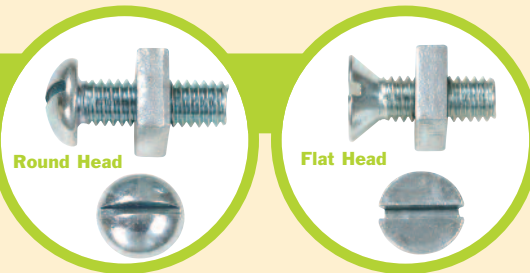
PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
10410	#6-32 x 3/16"	100	4,000
1292	#6-32 x 1/4"	100	4,000
10411	#6-32 x 5/16"	100	4,000
10412	#6-32 x 3/8"	100	4,000
10413	#6-32 x 1/2"	100	4,000
10414	#6-32 x 5/8"	100	4,000
10415	#6-32 x 3/4"	100	4,000
10416	#6-32 x 1"	100	4,000
10417	#6-32 x 1 1/4"	100	3,200
10418	#6-32 x 1 1/2"	100	3,200
10419	#6-32 x 2"	100	1,600
10420	#6-32 x 2 1/2"	100	1,600
10421	#6-32 x 3"	100	1,600
10422	#6-32 x 4"	100	1,600
10423	#8-32 x 3/16"	100	4,000
10424	#8-32 x 1/4"	100	4,000
10425	#8-32 x 5/16"	100	4,000
1297	#8-32 x 3/8"	100	4,000
10426	#8-32 x 1/2"	100	4,000
10427	#8-32 x 5/8"	100	4,000
10428	#8-32 x 3/4"	100	4,000
10429	#8-32 x 7/8"	100	3,200
10430	#8-32 x 1"	100	3,200
10431	#8-32 x 1 1/4"	100	3,200
10432	#8-32 x 1 1/2"	100	1,600
10433	#8-32 x 1 3/4"	100	1,600
10434	#8-32 x 2"	100	1,600
10435	#8-32 x 2 1/4"	100	1,600
10436	#8-32 x 2 1/2"	100	1,600
10437	#8-32 x 2 3/4"	100	1,600
10438	#8-32 x 3"	100	800
10439	#8-32 x 4"	100	800
10440	#10-24 x 1/4"	100	4,000
10441	#10-24 x 5/16"	100	4,000
10442	#10-24 x 3/8"	100	4,000
147927	#10-24 x 1/2"	100	4,000
10443	#10-24 x 5/8"	100	4,000
10444	#10-24 x 3/4"	100	4,000
10445	#10-24 x 7/8"	100	3,200
10446	#10-24 x 1"	100	3,200
10447	#10-24 x 1 1/4"	100	1,600
10448	#10-24 x 1 1/2"	100	1,600
10449	#10-24 x 1 3/4"	100	1,600
10450	#10-24 x 2"	100	800
10451	#10-24 x 2 1/4"	100	800
10452	#10-24 x 2 1/2"	100	800
10453	#10-24 x 2 3/4"	100	800
10454	#10-24 x 3"	100	800
10455	#10-24 x 3 1/2"	100	800
10456	#10-24 x 4"	100	400
10457	#10-24 x 4 1/2"	100	400
10458	#10-24 x 5"	100	400
10459	#10-24 x 6"	100	400
10460	1/4"-20 x 3/8"	100	1,600
10461	1/4"-20 x 1/2"	100	1,600
10462	1/4"-20 x 5/8"	100	1,600
10463	1/4"-20 x 3/4"	100	1,600

Slotted Pan Head Machine Screw Zinc Plated (continued)

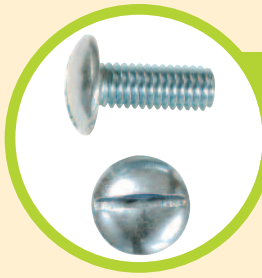
PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
10464	1/4"-20 x 1"	100	1,600
10465	1/4"-20 x 1 1/4"	100	1,600
10466	1/4"-20 x 1 1/2"	100	800
10467	1/4"-20 x 2"	100	800
10468	1/4"-20 x 2 1/2"	100	800
10469	1/4"-20 x 3"	100	800
10470	1/4"-20 x 3 1/2"	100	400
10471	1/4"-20 x 4"	100	400
10472	5/16"-18 x 1 1/2"	100	1,600
10473	5/16"-18 x 5/8"	100	1,600
10474	5/16"-18 x 3/4"	100	1,600
10475	5/16"-18 x 1"	100	1,600
10476	5/16"-18 x 1 1/2"	100	1,600
10477	5/16"-18 x 2"	100	800
10478	5/16"-18 x 2 1/2"	100	400
10479	5/16"-18 x 3"	100	800
10480	3/8"-16 x 1"	100	800
10481	3/8"-16 x 1 1/2"	100	800
10482	3/8"-16 x 2"	100	400

Stove Bolt Zinc Plated

- Used for attaching Porcelain Knobs and Drop Wire Hooks to Corner Wall Brackets and House Brackets.
- Supplied with a corresponding square nut.
- Manufactured from Grade 2 Steel.
- Zinc plated to meet ASTM Specification F1941.



PART NUMBER	SIZE	BELL NUMBER	INNER PACK QTY	CARTON QTY
672	#6-32 x 1/2" Round Head	900232836	100	4,000
543	#10-24 x 1" Round Head	700211145	100	3,200
545	#10-24 x 2" Round Head		100	1,600
820	#10-24 x 2 1/2" Round Head		100	800
544	1/4"-20 x 1" Round Head		100	1,600
546	1/4"-20 x 2" Round Head		100	800
547	1/4"-20 x 3" Round Head		100	400
548	5/16"-18 x 1" Round Head		100	800
550	5/16"-18 x 2" Round Head		100	400
551	5/16"-18 x 2 1/2" Round Head		100	400
767	1/4"-20 x 1" Flat Head		25	1,000
271	5/16"-18 x 1" Flat Head		100	800
272	5/16"-18 x 1 1/4" Flat Head		100	800
737	5/16"-18 x 1 1/2" Flat Head	900605981	100	800
549	5/16"-18 x 2" Flat Head		100	400
143	5/16"-18 x 2" Flat Head		50	400
144	5/16"-18 x 3" Flat Head	400013579	50	400
501	5/16"-18 x 3 1/2" Flat Head		100	400
5210	5/16"-18 x 4 1/2" Flat Head		50	200



Slotted Truss Head Machine Screw Zinc Plated

- Manufactured from AISI 1005 steel.
- Zinc plated to meet ASTM Specification F1941.
- Rockwell Hardness ranges from B70-100.

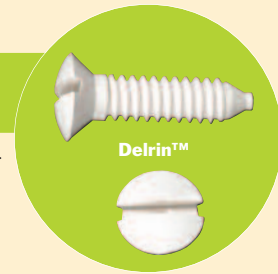
PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
90781	#6-32 x 1/4"	100	4,000
90782	#6-32 x 5/16"	100	4,000
90783	#6-32 x 3/8"	100	4,000
90784	#6-32 x 1/2"	100	4,000
90785	#6-32 x 5/8"	100	4,000
90786	#6-32 x 3/4"	100	4,000
90787	#6-32 x 1"	100	4,000
90788	#6-32 x 1 1/2"	100	3,200
90790	#6-32 x 2"	100	1,600
90791	#6-32 x 3"	100	1,600
90792	#6-32 x 4"	100	1,600
90793	#8-32 x 1/4"	100	4,000
900053	#8-32 x 5/16"	100	4,000
900075	#8-32 x 3/8"	100	4,000
90048	#8-32 x 1/2"	100	4,000
90794	#8-32 x 5/8"	100	4,000
90795	#8-32 x 3/4"	100	4,000
90796	#8-32 x 1"	100	3,200
90798	#8-32 x 1 1/2"	100	1,600
90799	#10-24 x 1/4"	100	4,000
90801	#10-24 x 5/16"	100	4,000
90802	#10-24 x 3/8"	100	4,000
90803	#10-24 x 1/2"	100	4,000
90804	#10-24 x 5/8"	100	4,000
90805	#10-24 x 3/4"	100	4,000
90806	#10-24 x 1"	100	3,200
90808	#10-24 x 1 1/2"	100	1,600
90809	#10-24 x 2"	100	800
90810	#10-24 x 2 1/2"	100	800
90811	#10-32 x 3/16"	100	4,000
90812	#10-32 x 1/4"	100	4,000
90813	#10-32 x 3/8"	100	4,000
90814	#10-32 x 1/2"	100	4,000
90815	#10-32 x 5/8"	100	4,000
90816	#10-32 x 3/4"	100	4,000
90818	#10-32 x 1 1/4"	100	1,600
90819	#10-32 x 1 1/2"	100	1,600
90820	1/4"-20 x 3/8"	100	1,600
90821	1/4"-20 x 1/2"	100	1,600
90822	1/4"-20 x 5/8"	100	1,600
90823	1/4"-20 x 3/4"	100	1,600
90824	1/4"-20 x 7/8"	100	1,600
90825	1/4"-20 x 1"	100	1,600
90827	1/4"-20 x 1 1/2"	100	800
90828	1/4"-20 x 2"	100	800
90829	1/4"-20 x 2 1/4"	100	800
90830	1/4"-20 x 2 1/2"	100	800
90831	1/4"-20 x 3"	100	800
90832	1/4"-20 x 4"	100	1,600

Slotted Oval Wall Plate Screw

- Used to fasten wall plates to light switches, phone jacks and coaxial jacks.
- Delrin™ Wall Plate Screws are non-conductive.
- Steel wall plate screws have powder coated heads to match standard wall plate colors.

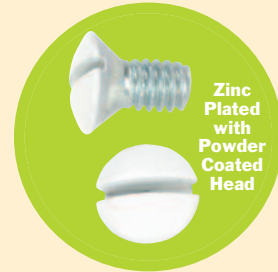
Delrin™

PART NUMBER	COLOR	SIZE	INNER PACK QTY	CARTON QTY
20430	Brown	#6-32 x 1/2"	100	4,000
20431	Ivory	#6-32 x 1/2"	100	4,000
20432	White	#6-32 x 1/2"	100	4,000



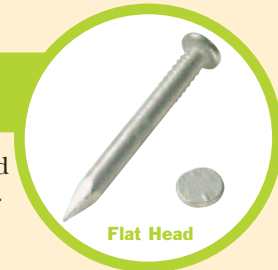
Zinc Plated with Powder Coated Head

PART NUMBER	HEAD COLOR	SIZE	INNER PACK QTY	CARTON QTY
20445	Brown	#6-32 x 1/2"	100	4,000
20446	Ivory	#6-32 x 1/2"	100	4,000
20447	White	#6-32 x 1/2"	100	4,000
20449	Brown	#6-32 x 3/4"	100	4,000
20450	Ivory	#6-32 x 3/4"	100	4,000
20451	White	#6-32 x 3/4"	100	4,000



Galvanized B Strap Nail

- Used to anchor cable clamps, cable straps, or adjustable sleeve straps to wood.
- Each Strap Nail has a long diamond point and either a flat or oval head.
- Mechanically galvanized to meet ASTM Specification B695.



PART NUMBER	SIZE	PIECES PER LB.	INNER PACK QTY	CARTON QTY
742	3/16" x 2" Flat Head	53	1 lb.	32 lbs.
174	3/16" x 2" Oval Head	53	1 lb.	32 lbs.



Hot Dip Galvanized Common Nail

- Used for attaching pole line hardware to wood telephone poles.
- Manufactured with flat heads and diamond points.
- Formed from AISI 1018 Steel.
- Hot dip galvanized to meet ASTM Specification A153.

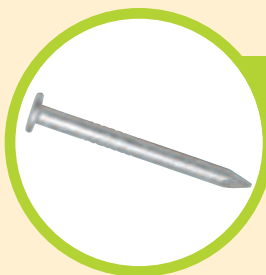
PART NUMBER	SIZE	LENGTH	DIA.	BELL NUMBER	PIECES PER LB.	INNER PACK QTY	CARTON QTY
753	4D	1½"	12½ Ga.	900168881	300	5 lb.	20 lbs.
517	6D	2"	11½ Ga.	900168899	161	5 lb.	20 lbs.
438	8D	2½"	10¼ Ga.	900168907	92	5 lb.	20 lbs.
578	10D	3"	9 Ga.	900168915	59	5 lb.	20 lbs.
537	12D	3¼"	9 Ga.		55	5 lb.	20 lbs.
710	20D	4"	6 Ga.	900168923	30	5 lb.	20 lbs.
515	30D	4½"	5 Ga.	900168931	21	5 lb.	20 lbs.
405	40D	5"	4 Ga.	900168949	16	5 lb.	20 lbs.
516	60D	6"	2 Ga.	900168964	10	5 lb.	20 lbs.



Hot Dip Galvanized Roofing Nail

- Used for making attachments to wallboard or wood.
- Oversized head diameter (¾") aids in holding and reduces pull through.
- Formed from AISI 1008 Steel.
- Hot dip galvanized to meet ASTM Specification A153.

PART NUMBER	LENGTH	BELL NUMBER	PIECES PER LB.	INNER PACK QTY	CARTON QTY
800	1"	900127408	233	1 lb.	32 lbs
519	1¼"		178	5 lb.	20 lbs
521	1½"	900218553	163	1 lb.	16 lbs
520	1½"		163	5 lb.	20 lbs



Pole Tag Nail

- Use to secure pole tag insignia to telephone poles.
- Available in flat or round head design.
- Manufactured from 304 Stainless Steel.
- Mechanically galvanized to ASTM Specification B695.

PART NUMBER	SIZE	BELL NUMBER	PIECES PER LB.	INNER PACK QTY	CARTON QTY
56	1¼" Flat Head	400162244	292	1 lb.	32 lbs
741	1¼" Round Head	400162251	294	1 lb.	32 lbs

Stainless Steel Bolt Kit

- Kits contain one standard Hex Cap Screw, Round Washer, Split Lock Washer, and Hex Nut all in #304 Stainless Steel.



PART NUMBER	BOLT SIZE	INNER PACK QTY	CARTON QTY
19995	1/2" x 1 1/2"	1	100
19996	1/2" x 2"	1	100
19997	1/2" x 2 1/2"	1	100
19998	1/2" x 3"	1	100
19999	1/2" x 4"	1	100

Stainless Steel Bolt Kit with Silicon Bronze Nut, Heavy Flat Washers and Stainless Steel Belleville® Washers

- Bolts are manufactured from #304 Stainless Steel.
- Hex Nuts are manufactured from #651 Silicon Bronze.
- Flat Washers are manufactured from #304 Stainless Steel.
- Belleville® Washers are manufactured from 17/7 Stainless Steel.



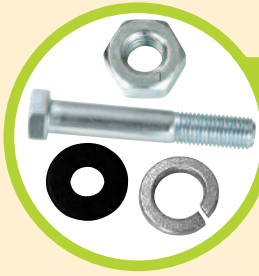
PART NUMBER	BOLT SIZE	NUMBER OF FLAT WASHERS INCLUDED (Thickness x Width)	NUMBER OF NUTS INCLUDED	NUMBER OF BELLEVILLE WASHERS INCLUDED & FLAT LOAD RATING (Thickness x Width)	INNER PACK QTY	CARTON QTY
110059	1/2" x 1 1/2"	(2) 3/16" x 1 1/4"	1	(1) .097" x 1 3/16" (2,197lbs)	1	100
110055	1/2" x 2"	(2) 3/16" x 1 1/4"	1	(1) .097" x 1 3/16" (2,197lbs)	1	100
110056	1/2" x 2 1/2"	(2) 3/16" x 1 1/4"	1	(1) .097" x 1 3/16" (2,197lbs)	1	100
110057	1/2" x 3"	(2) 3/16" x 1 1/4"	1	(1) .097" x 1 3/16" (2,197lbs)	1	100
110059	1/2" x 3 1/2"	(2) 3/16" x 1 1/4"	1	(1) .097" x 1 3/16" (2,197lbs)	1	100
95100	1/2" x 1"	(2) 3/16" x 1 1/4"	1	(1) .109" x 1 1/16" (5,488lbs)	1	100
95102	1/2" x 1 1/2"	(2) 3/16" x 1 1/4"	1	(1) .109" x 1 1/16" (5,488lbs)	1	100
95104	1/2" x 2"	(2) 3/16" x 1 1/4"	1	(1) .109" x 1 1/16" (5,488lbs)	1	100
95106	1/2" x 2 1/2"	(2) 3/16" x 1 1/4"	1	(1) .109" x 1 1/16" (5,488lbs)	1	100
95108	1/2" x 3"	(2) 3/16" x 1 1/4"	1	(1) .109" x 1 1/16" (5,488lbs)	1	100
95110	1/2" x 4"	(2) 3/16" x 1 1/4"	1	(1) .109" x 1 1/16" (5,488lbs)	1	50

Grade 8 Bolt Kit

- Kits Contain (1) Hex Cap Screw Grade 8 Steel Zinc Plated, (1) Split Lock Washer Zinc Plated, (1) USS Flat Washer Zinc Plated, and (1) Finished Hex Nut Grade 2 Zinc Plated.
- Components are Zinc Plated per ASTM F1941.



PART NUMBER	BOLT SIZE	INNER PACK QTY	CARTON QTY
759	1/4" x 3/4"	1	400
760	5/16" x 2 1/2"	1	50



Grade 2 Bolt Kit

- All Components are Grade 2 Steel and Zinc Plated per ASTM F1941.

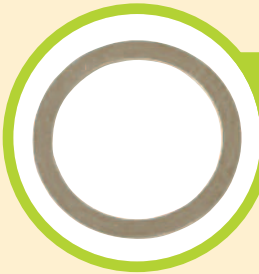
PART NUMBER	BOLT SIZE	SPLIT LOCK WASHER	FINISHED HEX NUT	USS FLAT WASHER	FIBRE WASHER	INNER PACK QTY	CARTON QTY
1009	1/4" x 2"	NO	YES	YES	NO	100	800
111	5/16" x 2"	NO	YES	NO	NO	100	400
1013	5/16" x 2 1/4"	YES	YES	NO	YES	1	100
1029	5/16" x 2 1/2"	YES	YES	NO	NO	100	400
112	3/8" x 2"	NO	YES	NO	NO	100	400



Brass Nut Nickel Plated

- Manufactured from Brass Alloy No. 360.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
9101	3/8"-32 x 7/16"(Hex) x 3/32"(Thick)	100	3,200

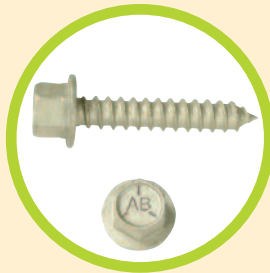


Flat Washer Brass Nickel Plated

- Manufactured from Brass Alloy No. 360.

PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
9100	3/8" x 15/32" x .016"	100	3,200

Grade 5 Hex Lag Screw with Fluorocarbon Finish



- Used in satellite television industry for making attachments in masonry with lag shields or in wood without an anchor.
- Fully threaded up entire length of screw.
- Formed from Grade 5 Steel.
- Lag Screws have a core Rockwell Hardness ranging from C25-C34.
- Fluorocarbon finish provides over 500 hours of salt spray protection before the appearance of red rust (ASTM Specification B117).

PART NUMBER	SIZE	HEX SIZE	STD PKG
4701	5/16" x 1 1/2"	1/2"	400
7680	5/16" x 2"	1/2"	400
7830	5/16" x 2 1/2"	1/2"	400
7681	5/16" x 3"	1/2"	400

