



DRYWALL

Drywall Nails

Drywall Nail

For attaching gypsum boards to wood studs. Cupped saucer-head designed to countersink into drywall for ease of concealment. Long diamond point reduces cracking in drywall. Made to conform to ASTM C514.



Drywall Nail Phosphate Coated Cupped Head Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-3/8"	13	19/64"	320	138PCDW
1-3/8"	13-1/2	9/32"	360	138PCDW135
1-3/8"	14	1/4"	508	138PCDW14
1-1/2"	13	19/64"	295	112PCDW
1-5/8"	13	19/64"	270	158PCDW
1-7/8"	13	19/64"	279	178PCDW
1-3/4"	13	19/64"	298	134PCDW
2"	13	19/64"	242	2PCDW
2-1/8"	13	19/64"	230	218PCDW
2-3/8"	11-1/2	3/8"	148	238PCDW

Drywall Nail Phosphate Coated Cupped Head Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-3/8"	12-1/2	19/64"	316	138PCATDW

Drywall Nail

For attaching gypsum boards to wood studs. Long diamond point reduces cracking in drywall. Made to conform to ASTM C514.



Drywall Nail Cement Coated Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	12-1/2	11/32"	325	114CTDDW
1-3/8"	12-1/2	11/32"	302	138CTDDW
1-3/8"	13	3/8"	310	138CTDWWLH
1-1/2"	12-1/2	11/32"	281	112CTDDW
1-1/2"	13-1/2	3/8"	285	112CTDDWLH
1-5/8"	12-1/2	11/32"	264	158CTDDW
1-3/4"	12-1/2	11/32"	248	134CTDDW
1-7/8"	12-1/2	11/32"	234	178CTDDW
2"	12-1/2	11/32"	208	2CTDDW
2"	13	3/8"	235	2CTDDWLH
2-1/2"	12-1/2	11/32"	168	212CTDDW

Drywall Nail Vinyl Coated Barbed Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-5/8"	12-1/2	11/32"	264	158VCDW
2"	12-1/2	11/32"	208	2VCDW

Drywall Nail Bright Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	12-1/2	19/64"	324	114ATDW
1-3/8"	12-1/2	19/64"	316	138ATDW
1-1/2"	12-1/2	19/64"	308	112ATDW
1-5/8"	12-1/2	19/64"	295	158ATDW
1-3/4"	12-1/2	19/64"	209	134ATDW
1-7/8"	12-1/2	19/64"	174	178ATDW
2"	12-1/2	19/64"	160	2ATDW
2-1/4"	12-1/2	19/64"	111	214ATDW
2-1/2"	12-1/2	19/64"	62	212ATDW

Drywall Nail Blued Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	12-1/2	19/64"	324	114BLDW
1-3/8"	12-1/2	19/64"	316	138BLDW
1-1/2"	12-1/2	19/64"	308	112BLDW
1-5/8"	12-1/2	19/64"	295	158BLDW
1-3/4"	12-1/2	19/64"	209	134BLDW
2"	12-1/2	19/64"	160	2BLDW

Drywall Nail Electrogalvanized Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1"	12-1/2	19/64"	340	1EGDW
1-1/4"	12-1/2	19/64"	324	114EGDW
1-3/8"	12-1/2	19/64"	316	138EGDW
1-1/2"	12-1/2	19/64"	308	112EGDW
1-5/8"	12-1/2	19/64"	295	158EGDW
1-7/8"	12-1/2	19/64"	174	178EGDW
2"	12-1/2	19/64"	160	2EGDW

Drywall Nail Hot Dipped Galvanized Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	12-1/2	19/64"	324	114HGDW
1-1/2"	12-1/2	19/64"	308	112HGDW

Drywall Nails

Lath Nail

For attaching lathing material. Heat sterilized to create blue oxide film resistant to corrosion.



Lath Nail Blued Smooth Shank

Size		Gauge	Head Size	Approx. Count Per Pound	SKU
1"	2D	16-1/2	9/64"	1,280	2BLULATH
1-1/8	3D	16	11/64"	984	3BLULATH
1-1/2	4D	14	7/32"	442	4BLULATH

Plasterboard Nail

Large, flat head holds drywall secure, won't pull through. Blued sterilized finish for wallboard and composition plasterboard. Galvanized coating prevents "rusting through" in below-grade applications. Made to conform to ASTM C514.



Plasterboard Nail Blued Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/8"	13	19/64"	440	118BLPL
1-1/4"	13	19/64"	415	114BLPL
1-1/2"	13	19/64"	307	112BLPL

Plasterboard Nail Coated Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	13	19/64"	415	114CTDPL
1-1/2"	13	19/64"	307	112CTDPL

Plasterboard Nail Electrogalvanized Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	13	19/64"	415	114EGPL
1-1/2"	13	19/64"	307	112EGPL
1-3/8"	12	19/64"	307	138EGPL

Plasterboard Nail Hot Dipped Galvanized Smooth Shank

Size	Gauge	Head Size	Approx. Count Per	SKU
1-1/4"	13	19/64"	415	114HGPL
1-1/2"	13	19/64"	307	112HGPL

Drywall Screws

Drywall Screw

For attaching gypsum board to wood studs. Made to conform to ASTM C1002.



Drywall Screw Bugle Head Coarse Thread Phosphate Coated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1" x 6	#2 Phillips	Sharp	10M	313	1CDWS
1-1/8" x 6	#2 Phillips	Sharp	10M	286	118CDWS
1-1/4" x 6	#2 Phillips	Sharp	8M	258	114CDWS
1-1/2" x 6	#2 Phillips	Sharp	6M	250	112CDWS
1-5/8" x 6	#2 Phillips	Sharp	5M	200	158CDWS
2" x 6	#2 Phillips	Sharp	3.5M	175	2CDWS
2-1/4" x 6	#2 Phillips	Sharp	3M	136	214CDWS
2-1/2" x 8	#2 Phillips	Sharp	2.5M	119	212CDWS
3" x 8	#2 Phillips	Sharp	2M	83	3CDWS
3-1/2" x 10	#2 Phillips	Sharp	1M	43	312CDWS
3-3/4" x 10	#2 Phillips	Sharp	1M	43	334CDWS
4" x 10	#2 Phillips	Sharp	1M	43	4CDWS
4-1/2" x 10	#2 Phillips	Sharp	1M	42	412CDWS
5" x 10	#2 Phillips	Sharp	1M	37	5CDWS
6" x 10	#2 Phillips	Sharp	1M	32	6CDWS
1-1/4" x 6	#2 Square	Sharp	8M	258	114SCDWS
1-5/8" x 6	#2 Square	Sharp	5M	200	158SCDWS
2" x 6	#2 Square	Sharp	3.5M	175	2SCDWS
2-1/2" x 8	#2 Square	Sharp	2.5M	238	212SCDWS
3" x 8	#2 Square	Sharp	2M	83	3SCDWS

Laminator Screw

For temporary fastening of gypsum board to gypsum board in double wall requirements. Made to conform to ASTM C1002.



Laminator Screw Bugle Head Coarse Thread Phosphate Coated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1 1/2" x 10	#2 Phillips	Sharp	5M	128	112LS

Grip Rite[®] DRYWALL

Drywall Screws

Drywall Screw

For attaching gypsum board to light-gauge steel studs. Made to conform to ASTM C1002.



Drywall Screw		Bugle Head Fine Thread Phosphate Coated				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 6	#2 Phillips	Sharp	10M	313	1DWS	
1-1/8" x 6	#2 Phillips	Sharp	10M	286	118DWS	
1-1/4" x 6	#2 Phillips	Sharp	8M	258	114DWS	
1-5/8" x 6	#2 Phillips	Sharp	5M	200	158DWS	
2" x 6	#2 Phillips	Sharp	3.5M	175	2DWS	
2-1/4" x 6	#2 Phillips	Sharp	3M	136	214DWS	
2-1/2" x 8	#2 Phillips	Sharp	2.5M	119	212DWS	
3" x 8	#2 Phillips	Sharp	2M	83	3DWS	
3-1/2" x 10	#2 Phillips	Sharp	1M	65	312DWS	
3-3/4" x 10	#2 Phillips	Sharp	1M	43	334DWS	
4" x 10	#2 Phillips	Sharp	1M	42	4DWS	
4-1/2" x 10	#2 Phillips	Sharp	1M	40	412DWS	
5" x 10	#2 Phillips	Sharp	1M	37	5DWS	
6" x 10	#2 Phillips	Sharp	1M	32	6DWS	

Drywall Screw

For attaching gypsum board to 20-14 gauge steel studs. Made to conform to ASTM C954.



Drywall Screw		Bugle Head Fine Thread Phosphate Coated				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 6	#2 Phillips	Self-drill	10M	313	1SDDW	
1-1/8" x 6	#2 Phillips	Self-drill	10M	286	118SDDW	
1-1/4" x 6	#2 Phillips	Self-drill	8M	258	114SDDW	
1-5/8" x 6	#2 Phillips	Self-drill	5M	200	158SDDW	
1-7/8" x 6	#2 Phillips	Self-drill	4M	182	178SDDW	
2-3/8" x 8	#2 Phillips	Self-drill	3M	125	238SDDW	
2-5/8" x 8	#2 Phillips	Self-drill	2M	100	258SDDW	
3" x 8	#2 Phillips	Self-drill	2M	83	3SDDW	

Drywall Screw		Bugle Head Fine Thread Zinc Plated				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 6	#2 Phillips	Self-drill	10M	313	1ZSDS	
1 1/8" x 6	#2 Phillips	Self-drill	10M	286	118ZSDS	
1-1/4" x 6	#2 Phillips	Self-drill	8M	258	114ZSDS	
1-5/8" x 6	#2 Phillips	Self-drill	5M	200	158ZSDS	
1 7/8" x 6	#2 Phillips	Self-drill	4M	182	178ZSDS	
2" x 6	#2 Phillips	Self-drill	3.5M	175	2ZSDS	
2 3/8" x 8	#2 Phillips	Self-drill	3M	125	238ZSDS	
2 5/8" x 8	#2 Phillips	Self-drill	2M	100	258ZSDS	
3" x 8	#2 Phillips	Self-drill	2M	83	3ZSDS	
3-1/2" x 8	#2 Phillips	Self-drill	1M	43	312ZSDS	

Drywall Screw

For attaching gypsum board to light-gauge steel. Also suitable for wood and plastic applications.



Drywall Screw		Bugle Head High-low Thread Phosphate Coated				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 6	#2 Phillips	Sharp	10M	333	1HLDW	
1-1/4" x 7	#2 Phillips	Sharp	8M	235	114HLDW	
1-5/8" x 7	#2 Phillips	Sharp	5M	185	158HLDW	
2" x 7	#2 Phillips	Sharp	3.5M	140	2HLDW	
2-1/4" x 7	#2 Phillips	Sharp	3M	136	214HLDW	
2-1/2" x 8	#2 Phillips	Sharp	2.5M	119	212HLDW	
3" x 8	#2 Phillips	Sharp	2M	105	3HLDW	

SPECIALTY FASTENERS

General Construction

General Purpose Screw

For wood to wood applications. Yellow zinc is cosmetically appealing for general woodworking (no rust protection). Made to conform to ASTM C1002.



General Purpose Screw		Bugle Head Coarse Thread Yellow Zinc Plated				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 6	#2 Phillips	Sharp	10M	313	1GS	
1-1/4" x 6	#2 Phillips	Sharp	8M	258	114GS	
1-5/8" x 6	#2 Phillips	Sharp	5M	200	158GS	
2" x 6	#2 Phillips	Sharp	5M	250	2GS	
2-1/4" x 6	#2 Phillips	Sharp	3M	136	214GS	
2-1/2" x 8	#2 Phillips	Sharp	2.5M	119	212GS	
3" x 8	#2 Phillips	Sharp	2M	83	3GS	
3-1/2" x 10	#2 Phillips	Sharp	1M	43	312GS	
4" x 10	#2 Phillips	Sharp	1M	43	4GS	
5" x 10	#2 Phillips	Sharp	1M	37	5GS	
6" x 10	#2 Phillips	Sharp	1M	32	6GS	

Finish and Trim Work

Trim Screw

For attaching wood trim and base over gypsum board to wood substrate or metal studs. Use sharp point with wood and light-gauge metal studs, self-drill with 20-14 gauge metal studs.



Trim Screw		Trim Head Fine Thread Phosphate Coated				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1-5/8" x 6	#1 Phillips	Sharp	5M	208	158THDW	
2-1/4" x 6	#1 Phillips	Sharp	3M	143	214THDW	
3" x 8	#2 Phillips	Sharp	2M	87	3THDW	
1" x 6	#1 Square	Sharp	10M	323	1STHDW	
1-5/8" x 6	#1 Square	Sharp	5M	208	158STHDW	
2-1/4" x 6	#1 Square	Sharp	3M	143	214STHDW	
3" x 8	#2 Square	Sharp	2M	87	3STHDW	

Trim Screw		Trim Head Fine Thread Zinc Plated				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 6	#1 Square	Self-drill	10M	313	1SDTH	
1-5/8" x 6	#1 Square	Self-drill	5M	217	158SDSTH	
2-1/4" x 6	#1 Square	Self-drill	3M	158	214SDSTH	

Metal to Wood

Hex Washer Head with Neoprene Washer Screw

For attaching metal roofing and siding to wood framing. Neoprene washer provides an effective waterproof seal.



Metal to Wood Screw		Hex Washer Head with Neoprene Washer Double-lead Thread Galvanized				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 9	1/4" Hex	Sharp	2.5M	115	1WF	
1-1/2" x 9	1/4" Hex	Sharp	2.5M	93	112WF	
2" x 9	1/4" Hex	Sharp	2M	76	2WF	
2-1/2" x 9	1/4" Hex	Sharp	1.5M	65	212WF	

Metal to Wood Screw		Hex Washer Head with Neoprene Washer High-low Thread Galvanized				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 10-16	1/4" Hex	Type 17	2.5M	122	1W	
1-1/2" x 10-16	1/4" Hex	Type 17	2.5M	95	112W	
2" x 10-16	1/4" Hex	Type 17	2M	81	2W	
2-1/2" x 10-16	1/4" Hex	Type 17	1.5M	68	212W	
3" x 10-16	1/4" Hex	Type 17	1M	59	3W	

Metal to Wood Screw		Hex Washer Head with Neoprene Washer High-low Thread Galvanized & Painted				
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU	
1" x 10-16	1/4" Hex	Sharp	2.5M	115	1WFW (white)	
1-1/2" x 10-16	1/4" Hex	Sharp	2.5M	93	112WFW (white)	
2" x 9-16	1/4" Hex	Sharp	2M	76	2WFW (white)	
2-1/2" x 9-16	1/4" Hex	Sharp	1M	65	212WFW (white)	



SPECIALTY FASTENERS

Wood to Metal

Plywood to Metal Screw

For attaching 1/4"-1/2" plywood to 18-12 gauge metal.



Wood to Metal Screw Wafer Head Fine Thread Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
3/4" x 10	#2 Phillips	#3 Self-drill	8M	211	WHD10034
1" x 10	#2 Phillips	#3 Self-drill	5M	235	WHD10100
1-1/4" x 10	#2 Phillips	#3 Self-drill	4M	121	WHD10114
1-1/2" x 10	#2 Phillips	#3 Self-drill	4M	105	WHD10112

Wood to Metal Screw

For attaching 5/8"-3/4" plywood to 18-12 gauge metal. Wings reduce pre-drilling of wood.



Wood to Metal Screw Wafer Head Fine Thread with Wings Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1-7/16" x 10	#2 Phillips	#3 Self-drill	3M	107	WHD10176

Metal to Metal

Pan Framing Screw

For attaching steel track to studs. Use sharp point for 25-20 gauge metal studs, self-drill for 20-16 gauge track to 20-16 gauge metal studs.



Pan Framing Screw Pan Framing Head Fine Thread Phosphate Coated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
7/16" x 7	#2 Phillips	Sharp	10M or 15M	400	716FPHS
7/16" x 7	#2 Phillips	Self-drill	10M or 15M	400	716SDPH

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
7/16" x 7	#2 Phillips	Self-drill	10M or 15M	400	716ZSDPH

Pan Head Screw

For attaching strapping or furring channel to electrical boxes or fixtures.



Pan Head Screw Pan Head Fine Thread Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1/2" x 6	#2 Phillips	#2 Self-drill	15M	484	PHD06012
1/2" x 8	#2 Phillips	#2 Self-drill	10M	303	PHD08012
1/2" x 10	#2 Phillips	#2 Self-drill	8M	216	PHD10012
5/8" x 10	#2 Phillips	#2 Self-drill	7M	206	PHD10058
3/4" x 10	#2 Phillips	#3 Self-drill	6M	176	PHD10034

Modified Truss Screw

For attaching metal lath in stucco and other applications to wood or metal studs. Use sharp point for wood and 25-20 gauge metal studs, self-drill for 20-16 gauge metal studs.



Modified Truss Screw Modified Truss Fine Thread Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1/2" x 8	#2 Phillips	Self-drill	10M	270	MTD08012
9/16" x 8	#2 Phillips	Self-drill	10M	227	MTD08916
3/4" x 8	#2 Phillips	Self-drill	10M	208	MTD08034
1" x 8	#2 Phillips	Self-drill	8M	186	MTD08100
1-1/4" x 8	#2 Phillips	Self-drill	6M	154	MTD08114
1-5/8" x 8	#2 Phillips	Self-drill	3M	125	MTD08158
1/2" x 8	#2 Phillips	Sharp	10M	270	MTS08012
9/16" x 8	#2 Phillips	Sharp	10M	227	MTS08916
3/4" x 8	#2 Phillips	Sharp	8M	167	MTS08034
1" x 8	#2 Phillips	Sharp	5M	116	MTS08100
1-1/4" x 8	#2 Phillips	Sharp	5M	128	MTS08114
1-5/8" x 8	#2 Phillips	Sharp	5M	208	MTS08158
1-7/8" x 8	#2 Phillips	Sharp	4M	103	MTS08178

Metal to Metal

Hex Washer Head Screw



For metal-to-metal fastening. 1/4" drive thread pitch 18 used with sheet metal and light-steel framing.

5/16" drive thread pitch 16 used with sheet metal and medium-steel fastening.

5/16" drive thread pitch 14 used commonly with up to 5 gauge steel.

3/8" drive thread pitch 14 used with heavy gauge steel.

5/16" drive thread pitch 24 used in heavier gauge metal, fastening sheet metal panels or clips.

Metal to Metal Screw Hex Washer Head Fine Thread Pitch 18 Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1/2" x 8	1/4" Hex	#2 Self-drill	10M	303	HH08012
5/8" x 8	1/4" Hex	#2 Self-drill	10M	256	HH08058
3/4" x 8	1/4" Hex	#2 Self-drill	10M	227	HH08034
1" x 8	1/4" Hex	#3 Self-drill	8M	190	HH08100
1-1/4" x 8	1/4" Hex	#3 Self-drill	6M	162	HH08114
1-1/2" x 8	1/4" Hex	#3 Self-drill	4M	143	HH08112
2" x 8	1/4" Hex	#3 Self-drill	3M	115	HH08200

Metal to Metal Screw Hex Washer Head Fine Thread Pitch 16 Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1/2" x 10	5/16" Hex	#2 Self-drill	8M	200	HHD10012
5/8" x 10	5/16" Hex	#2 Self-drill	7M	171	HHD10058
3/4" x 10	5/16" Hex	#2 Self-drill	6M	158	HHD10034
1" x 10	5/16" Hex	#2 Self-drill	5M	132	HHD10100
1-1/4" x 10	5/16" Hex	#2 Self-drill	4M	118	HHD10114
1-1/2" x 10	5/16" Hex	#2 Self-drill	3M	100	HHD10112
2" x 10	5/16" Hex	#2 Self-drill	2M	80	HHD10200

Metal to Metal Screw Hex Washer Head Fine Thread Pitch 14 Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
3/4" x 12	5/16" Hex	#3 Self-drill	5M	119	HHD12034
1" x 12	5/16" Hex	#3 Self-drill	3M	100	HHD12100
1-1/4" x 12	5/16" Hex	#3 Self-drill	3M	86	HHD12114
1-1/2" x 12	5/16" Hex	#3 Self-drill	3M	75	HHD12112
2" x 12	5/16" Hex	#3 Self-drill	2M	61	HHD12200
2-1/2" x 12	5/16" Hex	#3 Self-drill	1M	61	HHD12212
3" x 12	5/16" Hex	#3 Self-drill	1M	43	HHD12300
4" x 12	5/16" Hex	#3 Self-drill	500	22	HHD12400

3/4" x 14	3/8" Hex	#3 Self-drill	4M	78	HHD14034
1" x 14	3/8" Hex	#3 Self-drill	3M	68	HHD14100
1-1/4" x 14	3/8" Hex	#3 Self-drill	2M	59	HHD14114
1-1/2" x 14	3/8" Hex	#3 Self-drill	1M	50	HHD14112
2" x 14	3/8" Hex	#3 Self-drill	1M	40	HHD14200
2-1/2" x 14	3/8" Hex	#3 Self-drill	1M	37	HHD14212
3" x 14	3/8" Hex	#3 Self-drill	1M	33	HHD14300
4" x 14	3/8" Hex	#3 Self-drill	500	17	HHD14400

Metal to Metal Screw Hex Washer Head Fine Thread Pitch 24 Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
7/8" x 12	5/16" Hex	#4 Self-drill	4M	133	HHD12078

Stitch/Lap Screw

For fastening of overlapping light gauge metal panels or sheets.



Metal to Metal Screw Hex Washer Head Fine Thread Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
7/8" x 14	5/16" Hex	#1 Self-drill	2.5M	79	78L



SPECIALTY FASTENERS

Miscellaneous

Slotted Hex Washer Head Screw

Self-piercing needle point penetrates sheet metal for 0.0209" to 0.0358".

For attaching H.V.A.C., electrical, and plumbing to metal framing, and for use with sheet metal.



Metal to Metal Screw Slotted Hex Washer Head Fine Thread Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1/2" x 7	1/4" Hex	Self-piercing	15M	395	HHS07012
1/2" x 8	1/4" Hex	Self-piercing	10M	323	HHS08012
3/4" x 8	1/4" Hex	Self-piercing	10M	263	HHS08034
1" x 8	1/4" Hex	Self-piercing	8M	211	HHS08100
1-1/2" x 8	1/4" Hex	Self-piercing	5M	156	HHS08112
2" x 8	1/4" Hex	Self-piercing	3M	115	HHS08200

Hex Washer Head with Neoprene Washer Screw

For use in metal building applications when moisture needs to be sealed out. Neoprene washer provides an effective waterproof seal.



Metal to Metal Screw Hex Washer Head with Neoprene Washer Fine Thread Zinc Plated

Size	Drive	Point	Carton	Bulk Count Per Quantity	Approx. SKU Pound
1-1/4" x 10	5/16" Hex	#3 Self-drill	4M	91	ASD10114
1-1/4" x 14	5/16" Hex	#3 Self-drill	2M	50	ASD14114
1-1/2" x 14	5/16" Hex	#3 Self-drill	2M	44	ASD14112
1" x 14	5/16" Hex	#3 Self-drill	3M	58	ASD14100
2" x 14	5/16" Hex	#3 Self-drill	1M	36	ASD14200
3/4" x 14	5/16" Hex	#3 Self-drill	4M	65	ASD14034

Metal to Metal Screw Hex Washer Head with Neoprene Washer Fine Thread Galvanized

Size	Drive	Point	Carton	Bulk Count Per Quantity	Approx. SKU Pound
3/4" x 12 - 14	1/4" Hex	#3 Self-drill	2.5M	79	34M
1" x 12 - 14	1/4" Hex	#3 Self-drill	2.5M	68	1M
1-1/4" x 12 - 14	1/4" Hex	#3 Self-drill	2.5M	72	114M
1-1/2" x 12 - 14	1/4" Hex	#3 Self-drill	2M	56	112M
2" x 12 - 14	1/4" Hex	#3 Self-drill	1.5M	51	2M
2-1/2" x 12 - 14	1/4" Hex	#3 Self-drill	1M	46	212M

Cabinet Screw

For attaching cabinets to wood.



Cabinet Screw Round Washer Head Coarse Thread Yellow Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
2-3/8" x 8	Combo	Type 17	2M	104	238CAB
3" x 8	Combo	Type 17	2M	80	3CAB

Cement Board Screw

For attaching cement board to wood or metal studs. Use spade point for wood or 25-20 gauge metal studs, self-drill for 20-14 gauge metal studs.



Cement Board Screw Wafer Head Fine Thread Rust-resistant Coating

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1-1/4" x 8	#2 Phillips	Self-drill	5M	161	114SDCB
1-5/8" x 8	#2 Phillips	Self-drill	5M	128	158SDCB

Cement Board Screw Wafer Head High-low Thread Rust-resistant Coating

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1-1/4" x 8	#2 Phillips	Spade	5M	161	114SPCB
1-5/8" x 8	#2 Phillips	Spade	5M	128	158SPCB

Overhead Garage Door Screw

For attaching overhead garage door hardware to metal.



Garage Door Screw Hex Washer Head Fine Thread Pitch 24 Zinc Plated

Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
1" x 14 - 20	7/16" Hex	#3 Self-drill	2.5M	68	HHD47161



PRIMEGUARD PLUS®



PrimeGuard Plus®

Premium Exterior Fasteners

PrimeGuard Plus fasteners are specifically designed for optimal performance, appearance, and value for all outdoor projects. Every Grip-Rite PrimeGuard Plus fastener carries a lifetime guarantee against rust and corrosion.

What's more, PrimeGuard Plus fasteners are now certified with the Rust-Oleum® stamp of approval. PrimeGuard Plus nails and screws are the first and only fasteners to pass Rust-Oleum's rigorous rust and corrosion testing standards. Rust-Oleum has been trusted by America for protection against rust and corrosion since 1921. Now that trusted protection extends to PrimeGuard Plus fasteners.

What makes exterior fasteners different?

Corrosion resistance. Indoor applications somewhat shield nails and screws from moisture and other factors that can cause the fastener to corrode. However, fences, decks, sheds, siding, and other outdoor projects are continuously exposed to the elements. And so are the fasteners holding them together.

Fastener corrosion resistance is evaluated using an "hour rating" system based upon ASTM B117. This process involves placing fasteners in a test chamber and subjecting them to heat and salt spray. When the fastener breaks down or starts to rust, the time frame becomes the fastener's rating.

These ratings do not translate to exactly how long a screw will be in a deck board before it begins to corrode, but it seems logical that the longer the fastener maintains its integrity, the better.

What can cause a fastener to corrode?

Rain, salt and snow from winter conditions, cleaning solutions, etc. Not only is the holding power of the fastener compromised but also the metal itself begins to react with the wood surrounding it, causing unsightly discoloration and staining.

Many woods are treated with chemicals to prevent rot and insect infestation, and these chemicals can also corrode fasteners. Dacrotized and electrogalvanized fasteners are not suitable for use with this wood. PrimeGuard Plus-coated fasteners and stainless steel fasteners are approved for use with all treated lumber, and still carry their lifetime guarantee against rust and corrosion when used with this material.

There is some discoloration that occurs naturally, regardless what material is used to pierce the wood. Wood contains tannins, self-preserving water-soluble compounds, that are often released when wood is penetrated. The tannins themselves may cause discoloration. This is commonly known as "extractive staining."

Tannins, acidic by nature, may also react with the iron in fasteners, leading to additional blue/black gray staining.

Some woods, especially decay-resistant types such as cedar and redwood, contain relatively more tannins than other species. Only PrimeGuard Plus stainless steel fasteners are recommended for use with cedar and redwood, and still carry a lifetime guarantee when used with these woods.

So while some discoloration is to be expected, the goal is to minimize additional staining whenever possible.

- Only stainless steel is recommended for use with all redwood and cedar projects, for marine projects, and within five miles of coastline.
- Lifetime guarantee against rust and corrosion when used with any wood, including all treated lumber.

Fastener Finish	Approximate Rating (Hours)
Electrogalvanized	48
Yellow zinc	100
Dacrotized	300
Hot dipped galvanized	600
Double hot dipped galvanized	700
Exterior galvanized	850
PrimeGuard Ten	1,000
PrimeGuard Plus/Rust-Oleum	1,500



PRIMEGUARD PLUS®

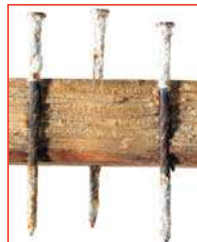


Tested to the extreme... and the results are in!

PrimeGuard Plus fasteners were tested using the most thorough methods recognized by fastener manufacturers and wood treaters worldwide. PrimeGuard Plus fasteners performed better when tested side by side against other nationally recognized brands' coatings, including double hot-dip galvanized. You don't have to take our word for how they performed, pictures are worth a thousand words.

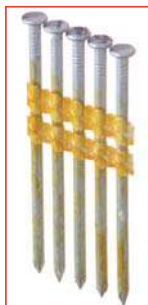
Rust-Oleum®

Accelerated weathering testing in accordance with ASTM G85 was conducted. The PrimeGuard Plus fasteners were driven into corrosive ACQ treated lumber to simulate a typical application, then placed in an environmental test chamber. The test chamber accelerates corrosion by continually alternating one hour cycles of fog (with 0.05% sodium chloride and 0.035% ammonium sulfate to simulate an industrial environment) and one hour cycles of dry heat.



Independent testing

Continual testing is conducted according to ASTM B117 Salt Spray Testing procedures. The corrosion chamber greatly accelerates corrosive conditions by spraying a constant 5% salt solution on the fasteners at a stable cabinet temperature of 95°F. This procedure is one of the most effective corrosion tests in the world, and is used by many industries including aerospace, automotive, and compliance.



Michigan State University

Testing was conducted using the American Wood Preservers Association's E12 methodology. Three different types of treated lumber (CCA-type C, ACQ-type D, and CA-B) were used, each at ground contact treatment levels much higher than what is normally used in residential deck construction. This test also utilized an environmental test chamber that maintained 90% humidity to accelerate possible corrosion



PrimeGuard Plus®-coated

- Feature a proprietary polymer coating that protects the fastener against corrosive elements.
- Lifetime guarantee against rust and corrosion, including when used with treated lumber

- PrimeGuard Plus®-coated fasteners are not approved for projects using redwood or cedar, for marine projects, or within five miles of coastline. Only stainless steel fasteners are recommended for these projects.

Exterior Screw

For exterior applications, including decks, siding, gazebos, and playsets. Countersinking bugle head prevents heads from popping out, leaves smooth finish.



Type 17 point reduces need to pre-drill boards.* Available in combination drive or star drive.

Exterior Screw Bugle Head Coarse Thread PrimeGuard Plus-coated					
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
Green					
1-1/4"	8	Combo	Type 17	8M	184 P114S
1-5/8"	8	Combo	Type 17	5M	147 P158S
2"	8	Combo	Type 17	3.5M	126 P2S
2-1/2"	9	Combo	Type 17	2.5M	87 P212S
3"	9	Combo	Type 17	2M	73 P3S
3-1/2"	10	Combo	Type 17	1M	56 P312S
4"	10	Combo	Type 17	1M	50 P4S
Brown					
1-1/4"	8	Combo	Type 17	8M	184 P114SB
1-5/8"	8	Combo	Type 17	5M	147 P158SB
2"	8	Combo	Type 17	3.5M	126 P2SB
2-1/2"	9	Combo	Type 17	2.5M	87 P212SB
3"	9	Combo	Type 17	2M	73 P3SB
3-1/2"	10	Combo	Type 17	1M	56 P312SB
4"	10	Combo	Type 17	1M	50 P4SB
Gold					
1-1/4"	8	Combo	Type 17	8M	184 P114SGD
1-5/8"	8	Combo	Type 17	5M	147 P158SGD
2"	8	Combo	Type 17	3.5M	126 P2SGD
2-1/2"	9	Combo	Type 17	2.5M	87 P212SGD
3"	9	Combo	Type 17	2M	73 P3SGD
3-1/2"	10	Combo	Type 17	1M	56 P312SGD
4"	10	Combo	Type 17	1M	50 P4SGD
Red					
1-1/4"	8	Combo	Type 17	8M	184 P114SR
1-5/8"	8	Combo	Type 17	5M	147 P158SR
2"	8	Combo	Type 17	3.5M	126 P2SR
2-1/2"	9	Combo	Type 17	2.5M	87 P212SR
3"	9	Combo	Type 17	2M	73 P3SR
3-1/2"	10	Combo	Type 17	1M	56 P312SR
4"	10	Combo	Type 17	1M	50 P4SR

Exterior Screw Bugle Head Coarse Thread PrimeGuard Plus-coated					
Size	Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
Green					
1-1/4"	8	Star T-20	Type 17	8M	184 P114ST
1-5/8"	8	Star T-20	Type 17	5M	147 P158ST
2"	8	Star T-20	Type 17	3.5M	126 P2ST
2-1/2"	9	Star T-25	Type 17	2.5M	87 P212ST
3"	9	Star T-25	Type 17	2M	73 P3ST
3-1/2"	10	Star T-25	Type 17	1M	56 P312ST
4"	10	Star T-25	Type 17	1M	50 P4ST
Brown					
1-1/4"	8	Star T-20	Type 17	8M	184 P114STB
1-5/8"	8	Star T-20	Type 17	5M	147 P158STB
2"	8	Star T-20	Type 17	3.5M	126 P2STB
2-1/2"	9	Star T-25	Type 17	2.5M	87 P212STB
3"	9	Star T-25	Type 17	2M	73 P3STB
3-1/2"	10	Star T-25	Type 17	1M	56 P312STB
4"	10	Star T-25	Type 17	1M	50 P4STB
Gold					
1-1/4"	8	Star T-20	Type 17	8M	184 P114STGD
1-5/8"	8	Star T-20	Type 17	5M	147 P158STGD
2"	8	Star T-20	Type 17	3.5M	126 P2STGD
2-1/2"	9	Star T-25	Type 17	2.5M	87 P212STGD
3"	9	Star T-25	Type 17	2M	73 P3STGD
3-1/2"	10	Star T-25	Type 17	1M	56 P312STGD
4"	10	Star T-25	Type 17	1M	50 P4STGD
Red					
1-1/4"	8	Star T-20	Type 17	8M	184 P114STR
1-5/8"	8	Star T-20	Type 17	5M	147 P158STR
2"	8	Star T-20	Type 17	3.5M	126 P2STR
2-1/2"	9	Star T-25	Type 17	2.5M	87 P212STR
3"	9	Star T-25	Type 17	2M	73 P3STR
3-1/2"	10	Star T-25	Type 17	1M	56 P312STR
4"	10	Star T-25	Type 17	1M	50 P4STR

* Refer to wood manufacturers' instructions, as some predrilling may still be required, even with Type 17 screw point.



PRIMEGUARD PLUS®



PrimeGuard Plus-coated

Composite Deck Screw

Ideal for applications using poly or composite lumber. Square drive recess is deep and cleanly formed, reducing spinouts. Pancake head reduces over-driving, reduces mushrooming, leaves smooth finish. Dual-thread design pulls fibers down, leaving smooth finish. Type 17 point reduces need to pre-drill boards.*



PrimeGuard Plus composite deck screws are approved by Trex® Company, Inc.

Composite Deck Screw Pancake Head Coarse Dual Thread PrimeGuard Plus-coated

Flat Head Screws - Coarse						
Size		Drive	Point	Bulk Carton Quantity	Approx. Count Per Pound	SKU
Brown						
1-5/8"	8	Square	Type 17	5M	149	H158CSB
2"	8	Square	Type 17	3.5M	122	H2CSB
2-1/2"	9	Square	Type 17	2.5M	75	H212CSB
3"	9	Square	Type 17	2M	54	H3CSB
3-1/2"	10	Square	Type 17	1M	47	H312CSB
Gray						
1-5/8"	8	Square	Type 17	5M	149	H158CSG
2"	8	Square	Type 17	3.5M	122	H2CSG
2-1/2"	9	Square	Type 17	2.5M	75	H212CSG
3"	9	Square	Type 17	2M	54	H3CSG
3-1/2"	10	Square	Type 17	1M	47	H312CSG
Red						
1-5/8"	8	Square	Type 17	5M	149	H158CSR
2"	8	Square	Type 17	3.5M	122	H2CSR
2-1/2"	9	Square	Type 17	2.5M	75	H212CSR
3"	9	Square	Type 17	2M	54	H3CSR
3-1/2"	10	Square	Type 17	1M	47	H312CSR

* Refer to wood manufacturers' instructions, as some predrilling may still be required, even with Type 17 screw point.

Grip-Rite® and PrimeGuard Plus® are trademarks of PrimeSource Building Products, Inc. Other product and company names listed may be trademarks of their respective owners.

Patio/Deck Nail

For patio and deck construction. Thin shank reduces splitting of wood. Checkered head reduces hammer slippage. Ring shank for use with softer woods and with permanent heavy-duty construction where vibration can work nail loose, spiral shank reduces splitting in hard woods.



Patio/Deck Nail PrimeGuard Plus-coated Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
2"	6D	11	9/32"	138	P6RSD
2-1/2"	8D	11	9/32"	106	P8RSD
3"	10D	10	9/32"	76	P10RSD
3-1/4"	12D	10	9/32"	76	P12RSD
3-1/2"	16D	9	5/16"	52	P16RSD

Patio/Deck Nail PrimeGuard Plus-coated Spiral Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
2"	6D	11	9/32"	138	P6STD
2-1/2"	8D	11	9/32"	106	P8STD
3"	10D	10	9/32"	76	P10STD
3-1/4"	12D	10	9/32"	76	P12STD
3-1/2"	16D	9	5/16"	52	P16STD

Common Nail

Larger shank for greater strength. Smooth shank for easy installation, ring shank for use with softer woods and with permanent heavy-duty construction where vibration can work nail loose.



Common Nail PrimeGuard Plus-coated Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
1 1/2"	4D	12-1/2	1/4"	294	P4C
2"	6D	11-1/2	17/64"	167	P6C
2-1/2"	8D	10-1/4	9/32"	101	P8C
3"	10D	9	5/16"	66	P10C
3-1/4"	12D	9	5/16"	61	P12C
3-1/2"	16D	8	11/32"	47	P16C
4"	20D	6	13/32"	29	P20C

Common Nail PrimeGuard Plus-coated Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
1 1/2"	4D	12-1/2	1/4"	294	P4RSC
2"	6D	11-1/2	17/64"	167	P6RSC
2-1/2"	8D	10-1/4	9/32"	101	P8RSC
3"	10D	9	5/16"	66	P10RSC
3-1/2"	16D	8	11/32"	47	P16RSC
4"	20D	6	13/32"	29	P20RSC

Box Nail

Thinner shank reduces wood splitting. Smooth shank for easy installation, ring shank for use with softer woods and with permanent heavy-duty construction where vibration can work nail loose.



Box Nail PrimeGuard Plus-coated Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
1-1/4"	3D	14-1/2	7/32"	635	P3BX
1-1/2"	4D	14	7/32"	473	P4BX
1-3/4"	5D	14	7/32"	406	P5BX
2"	6D	12-1/2	17/64"	236	P6BX
2-1/4"	7D	12-1/2	17/64"	210	P7BX
2-1/2"	8D	11-1/2	19/64"	145	P8BX
3"	10D	10-1/2	5/16"	94	P10BX
3-1/4"	12D	10-1/2	5/16"	88	P12BX
3 1/2"	16D	10	11/32"	71	P16BX
4"	20D	9	3/8"	52	P20BX

Box Nail PrimeGuard Plus-coated Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
1-1/2"	4D	14	7/32"	473	P4RSBX
2"	6D	12-1/2	17/64"	236	P6RSBX
2-1/2"	8D	11-1/2	19/64"	145	P8RSBX
3"	10D	10-1/2	5/16"	94	P10RSBX
3 1/2"	16D	10	11/32"	71	P16RSBX
Brown					
1-1/2"	4D	14	7/32"	473	P4RSBXB
2"	6D	12-1/2	17/64"	236	P6RSBXB
2-1/2"	8D	11-1/2	19/64"	145	P8RSBXB
3"	10D	10-1/2	5/16"	94	P10RSBXB
3 1/2"	16D	10	11/32"	71	P16RSBXB
Red					
1-1/2"	4D	14	7/32"	473	P4RSBXR
2"	6D	12-1/2	17/64"	236	P6RSBXR
2-1/2"	8D	11-1/2	19/64"	145	P8RSBXR
3"	10D	10-1/2	5/16"	94	P10RSBXR
3 1/2"	16D	10	11/32"	71	P16RSBXR
White					
1-1/2"	4D	14	7/32"	473	P4RSBXW
2"	6D	12-1/2	17/64"	236	P6RSBXW
2-1/2"	8D	11-1/2	19/64"	145	P8RSBXW
3"	10D	10-1/2	5/16"	94	P10RSBXW
3 1/2"	16D	10	11/32"	71	P16RSBXW



PRIMEGUARD PLUS®

PrimeGuard Plus-coated

Split-Proof™

Wood Siding Nail

For use with wood siding. Slim, sturdy shank and special blunt point virtually eliminate splits. Checkered head reduces hammer slippage. Ring shank for greater holding power.



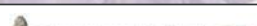
Split-Proof™ Wood Siding Nail PrimeGuard Plus-coated Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
1-3/4"	5D	14	3/16"	318	P5SPF
2"	6D	14	3/16"	283	P6SPF
2-1/4"	7D	14	3/16"	248	P7SPF
2-1/2"	8D	13	7/32"	189	P8SPF
3"	10D	13	7/32"	153	P10SPF
3-1/2"	16D	12	1/4"	104	P16SPF
Brown					
2"	6D	14	3/16"	283	P6SPFB
2-1/4"	7D	14	3/16"	248	P7SPFB
2-1/2"	8D	13	7/32"	189	P8SPFB
3"	10D	13	7/32"	153	P10SPFB
3-1/2"	16D	12	1/4"	104	P16SPFB
White					
1-3/4"	5D	14	3/16"	318	P5SPFW
2"	6D	14	3/16"	283	P6SPFW
2-1/4"	7D	14	3/16"	248	P7SPFW
2-1/2"	8D	13	7/32"	189	P8SPFW
3"	10D	13	7/32"	153	P10SPFW
3-1/2"	16D	12	1/4"	104	P16SPFW
Cedar					
1-3/4"	5D	14	3/16"	318	P5SPFC
2"	6D	14	3/16"	283	P6SPFC
2-1/2"	8D	13	7/32"	189	P8SPFC

Fiber Cement

Siding Nail

For installation of most popular cement sidings. See manufacturer installation instructions for details. Ring shank for greater holding power. Higher carbon steel reduces possible nail bending. Smooth, flat head blends into siding surface.



Fiber Cement Siding Nail PrimeGuard Plus-coated Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/2"	12-1/2	17/64"	255	P112RSFCS
2"	12-1/2	17/64"	194	P2RSFCS
2-1/2"	11-1/2	9/32"	129	P212RSFCS
3"	11-1/2	9/32"	108	P3RSFCS

Hardboard

Siding Nail

For use with hardboard and wood siding. Smooth shank for easy installation, spiral shank reduces splitting in hard woods. Higher carbon steel reduces possible nail bending.



Hardboard Siding Nail PrimeGuard Plus-coated Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/2" 4D	14	7/32"	473	P4SMHS
2" 6D	11-1/2	7/32"	173	P6SMHS
2-1/4" 7D	11-1/2	7/32"	156	P7SMHS
2-1/2" 8D	11-1/2	7/32"	140	P8SMHS
3" 10D	11	1/4"	108	P10SMHS

Hardboard Siding Nail PrimeGuard Plus-coated Spiral Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/2" 4D	14	7/32"	473	P4STHS
2" 6D	11-1/2	7/32"	173	P6STHS
2-1/4" 7D	11-1/2	7/32"	156	P7STHS
2-1/2" 8D	11-1/2	7/32"	140	P8STHS
3" 10D	11	1/4"	108	P10STHS
3-1/4" 12D	11	1/4"	92	P12STHS
3-1/2" 16D	10-1/2"	17/64"	80	P16STHS

PrimeGuard Plus Stainless Steel Fasteners

- Only stainless steel is recommended for use with all redwood and cedar projects, for marine projects, and within five miles of coastline.
- Lifetime guarantee against rust and corrosion when used with any wood, including all treated lumber.

Exterior Screw

For exterior applications, including decks, siding, gazebos, and playsets. Countersinking bugle head prevents heads from popping out, leaves smooth finish. Type 17 point reduces need to pre-drill boards.* Square drive recess is deep and cleanly formed, reducing spinouts. #305 Stainless steel.



Exterior Screw Bugle Head Coarse Thread Stainless Steel

Size	Drive	Point	Bulk Bucket Quantity	Approx. Count Per Pound	SKU	
1-1/4"	8	#2 Square	Type 17	25#	185	P114SLS
1-5/8"	8	#2 Square	Type 17	25#	150	P158SLS
2"	8	#2 Square	Type 17	25#	128	P2SLS
2-1/2"	10	#2 Square	Type 17	25#	82	P212SLS
3"	10	#2 Square	Type 17	25#	68	P3SLS
3-1/2"	10	#2 Square	Type 17	25#	58	P312SLS
4"	10	#2 Square	Type 17	25#	40	P4SLS

* Refer to wood manufacturers' instructions, as some predrilling may still be required, even with Type 17 screw point.

Trim Screw

For trim and railings, including poly or composite lumbers. Trim head easy to conceal, leaves smooth finish. Type 17 point reduces need to pre-drill boards.* #305 Stainless steel.



Trim Screw Trim Head Coarse Thread Stainless Steel

Size		Drive	Point	Bulk Bucket Quantity	Approx. Count Per Pound	SKU
1-5/8"	7	#1 Square	Type 17	25#	195	P158SLTS
2-1/4"	7	#1 Square	Type 17	25#	138	P214SLTS
3"	7	#2 Square	Type 17	25#	98	P3SLTS

Patio/Deck Nail

For patio and deck construction. Thin shank reduces splitting of wood. Checkered head reduces hammer slippage. Ring shank for use with softer woods and with permanent heavy-duty construction where vibration can work nail loose. Spiral shank reduces splitting in hard woods. #304 Stainless steel.



Patio/Deck Nail Stainless Steel Ring Shank

Size		Gauge	Head Size	Approx. Count Per Pound	SKU
2"	6D	11	9/32"	152	P6SLRSD
2-1/2"	8D	11	9/32"	122	P8SLRSD
3"	10D	10	9/32"	84	P10SLRSD
3-1/4"	12D	10	9/32"	77	P12SLRSD
3-1/2"	16D	9	5/16"	58	P16SLRSD

Patio/Deck Nail Stainless Steel Spiral Shank

Size		Gauge	Head Size	Approx. Count Per Pound	SKU
2"	6D	11	9/32"	152	P6SLSTD
2-1/2"	8D	11	9/32"	122	P8SLSTD
3"	10D	10	9/32"	84	P10SLSTD
3-1/4"	12D	10	9/32"	77	P12SLSTD
3-1/2"	16D	9	5/16"	58	P16SLSTD



PRIMEGUARD PLUS®

PrimeGuard Plus Stainless Steel Fasteners

Common Nail

For construction, carpentry, and framing. Larger shank for greater strength. Ring shank for use with softer woods and with permanent heavy-duty construction where vibration can work nail loose. #304 Stainless steel.



Common Nail Stainless Steel Ring Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU	
1-1/2"	4D	12-1/2	1/4"	316	P4SLRSC
2"	6D	11-1/2	17/64"	181	P6SLRSC
2-1/2"	8D	10	9/32"	106	P8SLRSC
3"	10D	9	5/16"	69	P10SLRSC
3-1/4"	12D	9	5/16"	63	P12SLRSC
3-1/2"	16D	8	11/32"	49	P16SLRSC

Box Nail

For construction, carpentry, and framing. Thinner shank reduces wood splitting. Ring shank for use with softer woods and with permanent heavy-duty construction where vibration can work nail loose. #304 Stainless steel.

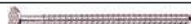


Box Nail Stainless Steel Ring Shank

Size	Gauge		Head Size	Approx. Count Per Pound	SKU
1-1/2"	4D	14	7/32"	228	P4SLRSBX
2"	6D	12-1/2	17/64"	144	P6SLRSBX
2-1/2"	8D	12-1/2	9/32"	94	P8SLRSBX
3"	10D	11-1/2	9/32"	67	P10SLRSBX
3-1/2"	16D	11	9/32"	44	P16SLRSBX

Shake Nail

Designed for use with cedar shake. Thinner shank reduces wood splitting. Checkered head reduces hammer slippage. Ring shank for greater holding power. #304 Stainless steel.



Shake Nail Stainless Steel Ring Shank

Size		Gauge	Head Size	Approx. Count Per Pound	SKU
1-3/4"	5D	14	5/32"	337	P5SLSHAKE

Split-Proof™

Wood Siding Nail

Designed for use with cedar siding. Slim, sturdy shank and special blunt point virtually eliminate splits. Checkered head reduces hammer slippage. Ring shank for greater holding power. #304 Stainless steel.



Siding Nail Stainless Steel Ring Shank

Size		Gauge	Head Size	Approx. Count Per Pound	SKU
2"	6D	14	5/32"	270	P6SLSPF
2-1/2"	8D	14	5/32"	200	P8SLSPF
3"	10D	13	7/32"	153	P10SLSPF

Trim Nail

For split-prone woods such as cedar and redwood. Trim head easy to conceal, leaves smooth finish. #304 Stainless steel.



Trim Nail Stainless Steel Smooth Shank

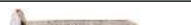
Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	15	3/16"	685	P114SLT

Trim Nail Stainless Steel Painted Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	15	3/16"	685	P114SLTB (brown)
1-1/4"	15	3/16"	685	P114SLTW (white)

Joist Hanger Nail

For attaching joist hangers to wood studs. Short, heavy gauge nail provides increased holding power without fully penetrating wood. #304 Stainless steel.



Joist Hanger Nail Stainless Steel Smooth or Barbed Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	10	5/16"	147	P114SLJS
1-1/2"	9	5/16"	126	P112SLJS

PrimeGuard Plus Aluminum Fasteners Screw Bits

Aluminum offers enhanced performance when used with wood or asbestos siding and shingles, roofing, aluminum and vinyl siding and trim, plastic panels, gutters and downspouts, porches, decks, and outdoor furniture. The surface of aluminum fasteners is ideally suited for painting. Aluminum fasteners are not recommended for use with treated lumber.

Trim Nail

For attaching aluminum gutters, trim and other similar projects. Thin, smooth shank for easy installation. Available in white and brown.



Trim Nail Aluminum Painted Smooth Shank

Size	Gauge	Head Size	Approx. Count Per Pound	SKU
1-1/4"	12-1/2	7/32"	1,040	P114ATB (brown)
1-1/4"	12-1/2	7/32"	1,040	P114ATW (white)

Screw Bits

Grip-Rite screw bits are designed for use with all Grip-Rite screws, along with all other brands. Packaged to complement the PrimeGuard Plus product line, Grip-Rite screw bits are available in both 1" and 2" lengths. Be sure to match the screw bit style to the screw drive.

	Screw Bit			
	Drive	Bit Length	Quantity Per Card	SKU
	Phillips #2	1 inch	5	PPHBIT1
	Phillips #2	2 inches	5	PPHBIT2
	Square #2	1 inch	5	PSQBIT1
	Square #2	2 inches	5	PSQBIT2
	Star T-20	1 inch	5	PSTARBIT1
	Star T-20	2 inches	5	PSTARBIT2
	Star T-25	1 inch	5	PSTARBIT125
	Star T-25	2 inches	5	PSTARBIT225
	Combo	1 inch	5	PCOMBOBIT1
	Combo	2 inches	5	PCOMBOBIT2



Use a Grip-Rite PrimeGuard Plus™ hammer cap to protect nail heads from chipping or other damage. SKU PHAMCAP, 12 caps per box.





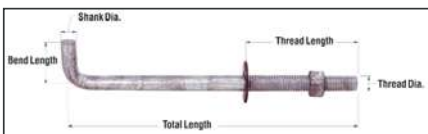
ANCHOR BOLTS



Anchor Bolts

Anchor Bolts

For attaching bottom plate or sill plate to newly poured concrete foundation. Hot dipped galvanized anchor bolts and plates are recommended when working with treated lumber. ASTM F1554, Grade 36 and ASTM A307.



Anchor Bolt Specification

Size	Thread Length	Bend Length	Total Length
1/2"	1.75" +0.24" / -0.0"	1.25" +0.12" / -0.062"	±0.12"
5/8"	3.75" +0.24" / -0.0"	1.5" +0.12" / -0.062"	±0.12"
3/4"	3.75" +0.24" / -0.0"	2.0" +0.12" / -0.062"	±0.12"
7/8"	3.75" +0.24" / -0.0"	2.0" +0.12" / -0.062"	±0.12"
1"	4.00" +0.24" / -0.0"	2.5" +0.12" / -0.062"	±0.12"



Anchor Bolt with Round Washer



Anchor Bolt Hot Dipped Galvanized with Nut & SAE Washer ASTM A153 Class C

Size	Quantity Per Box	Boxes Per Pallet	SKU
1/2" x 6"	50	50	126GAB50
1/2" x 8"	50	50	128GAB50
1/2" x 10"	50	50	1210GAB50
1/2" x 12"	50	50	1212GAB50
1/2" x 14"	50	50	1214GAB50
1/2" x 16"	50	50	1216GAB50
1/2" x 18"	50	50	1218GAB50
5/8" x 8"	25	50	588HGAB25
5/8" x 10"	25	50	5810HGAB25
5/8" x 12"	25	50	5812HGAB25
5/8" x 14"	25	50	5814HGAB25
5/8" x 16"	25	50	5816HGAB25

Anchor Bolt Bright with Nut & Round SAE Washer

Size	Quantity Per Box	Boxes Per Pallet	SKU
3/8" x 6"	50	100	386AB50
3/8" x 8"	50	100	388AB50
1/2" x 6"	50	50	126AB50
1/2" x 8"	50	50	128AB50
1/2" x 10"	50	50	1210AB50
1/2" x 12"	50	50	1212AB50
1/2" x 14"	50	50	1214AB50
1/2" x 16"	50	50	1216AB50
1/2" x 18"	50	50	1218AB50
5/8" x 8"	25	50	588AB25
5/8" x 10"	25	50	5810AB25
5/8" x 12"	25	50	5812AB25
5/8" x 14"	25	50	5814AB25
5/8" x 16"	25	50	5816AB25
3/4" x 10"	20	25	3410AB20
3/4" x 12"	20	25	3412AB20
3/4" x 14"	20	25	3414AB20
3/4" x 15"	20	25	3415AB20
3/4" x 18"	20	25	3418AB20

Anchor Bolt with Square Washer



Size	Washer Size	Quantity Per Box	Boxes Per Pallet	SKU
5/8" x 10"	3"x3"x3/16"	25	50	5810AB325

Anchor Bolt Galvanized with Nut & Square Washer

Size	Washer Size	Quantity Per Box	Boxes Per Pallet	SKU
5/8" x 8"	2"x2"x1/8"	25	50	588GAB25
5/8" x 10"	2"x2"x1/8"	25	50	5810GAB25

Square Plate Washer



Fits Bolt Size	Washer Size	Quantity Per Box	Boxes Per Pallet	SKU
1/2"	2" x 2" x 3/16"	100	100	12PW100
1/2"	2" x 2" x 3/16"	250	48	12PW

5/8"	2" x 2" x 3/16"	100	100	58PW100
5/8"	2" x 2" x 3/16"	250	48	58PW
5/8"	2-1/2" x 2-1/2" x 1/4"	100	48	58PW212

3/4"	2-3/4" x 2-3/4" x 5/16"	80	48	34PW
3/4"	3" x 3" x 5/16"	50	100	34PW50

7/8"	3" x 3" x 5/16"	70	48	78PW
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1"	3-1/2" x 3-1/2" x 3/8"	40	48	1PW
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Square Slotted Washer



Fits Bolt Size	Washer Size	Quantity Per Box	Boxes Per Pallet	SKU
1/2"	3" x 3" x 1/4" x 1/2"	50	60	12SPW3
5/8"	3" x 3" x 1/4" x 5/8"	50	60	58SPW3

Anchor Bolt Hot Dipped Galvanized with Nut & Square Washer ASTM A153 Class C

Size	Washer Size	Quantity Per Box	Boxes Per Pallet	SKU
1/2" x 8"	2"x2"x1/8"	50	50	128GABS50
1/2" x 10"	2"x2"x1/8"	50	50	1210GABS50
5/8" x 8"	3"x3"x3/16"	25	50	588GAB325
5/8" x 10"	3"x3"x3/16"	25	50	5810GAB325
5/8" x 12"	3"x3"x3/16"	25	50	5812GAB325
5/8" x 16"	3"x3"x3/16"	25	50	5816GAB325
5/8" x 18"	3"x3"x3/16"	25	50	5818GAB325

Square Plate Washer Hot Dipped Galvanized ASTM A153

Fits Bolt Size	Washer Size	Quantity Per Box	Boxes Per Pallet	SKU
3/4"	2-3/4" x 2-3/4" x 5/16"	80	48	34HGPW
3/4"	2" x 2" x 3/16"	80	48	34HGPW80
1/2"	2" x 2" x 3/16"	100	100	12HGPW100
1/2"	2" x 2" x 3/16"	250	48	12HGPW
1/2"	3" x 3-1/4" x 1/2"	80	48	12HGPW3
5/8"	2" x 2" x 3/16"	100	100	58HGPW100
5/8"	2" x 2" x 3/16"	250	48	58HGPW
5/8"	2-1/2" x 2-1/2" x 1/4"	100	48	58HGPW212
5/8"	3" x 3" x 1/4"	50	48	58HGPW3

Square Slotted Washer Hot Dipped Galvanized ASTM A153

Fits Bolt Size	Washer Size	Quantity Per Box	Boxes Per Pallet	SKU
5/8"	3" x 3" x 1/4" x 5/8"	50	60	58HGSPW3

* All Grip-Rite hot dipped galvanized fasteners meet ASTM A-153 requirements and can be used with treated lumber.



THREADED ROD

Threaded Rod

Threaded Rod

Threaded rods can be used any place that a long bolt is required, as the rod can be cut to the desired length. Used to hang ductwork, sprinkler heads, etc.



Threaded Rod Bright Unplated ASTM A307, Grade A

Diameter	Threads per Inch	Length	Weight per Piece	Pieces per Tube	Tubes per Pallet	Pallets per 20 ft. Container	SKU
3/8"	16	6'	1.69 lb.	25	49	20	AT38072
3/8"	16	10'	2.82 lb.	25	42	14	AT38120
3/8"	16	12'	3.39 lb.	25	35	14	AT38144
1/2"	13	6'	3.03 lb.	12	49	24	AT12072
1/2"	13	10'	5.06 lb.	12	42	16	AT12120
1/2"	13	12'	6.07 lb.	12	35	16	AT12144
5/8"	11	6'	5.06 lb.	8	49	21	AT58072
5/8"	11	10'	8.44 lb.	8	42	15	AT58120
5/8"	11	12'	10.13 lb.	8	35	15	AT58144
3/4"	10	6'	7.30 lb.	5	49	24	AT34072
3/4"	10	10'	12.17 lb.	5	42	16	AT34120
3/4"	10	12'	14.61 lb.	5	35	16	AT34144
7/8"	9	6'	10.00 lb.	4	49	21	AT78072
7/8"	9	10'	16.68 lb.	4	42	15	AT78120
7/8"	9	12'	20.01 lb.	4	35	15	AT78144
1"	8	6'	13.13 lb.	3	49	22	AT1072
1"	8	10'	21.89 lb.	3	42	15	AT1120
1"	8	12'	26.26 lb.	3	35	15	AT1144
1-1/8"	7	6'	20.84 lb.	2	49	21	AT118072
1-1/8"	7	10'	34.73 lb.	2	42	14	AT118120
1-1/8"	7	12'	41.70 lb.	2	35	14	AT118144
1-1/4"	7	6'	21.39 lb.	2	49	20	AT114072
1-1/4"	7	10'	35.64 lb.	2	42	14	AT114120
1-1/4"	7	12'	42.77 lb.	2	35	14	AT114144
1-1/2"	6	6'	30.31 lb.	1	49	28	AT112072
1-1/2"	6	10'	50.52 lb.	1	42	16	AT112120
1-1/2"	6	12'	60.62 lb.	1	35	16	AT112144

Threaded Rod Zinc Plated ASTM B633

Diameter	Threads per Inch	Length	Weight per Piece	Pieces per Tube	Tubes per Pallet	Pallets per 20 ft. Container	SKU
1/4"	20	6'	0.71 lb.	50	49	24	ATZ14072
1/4"	20	10'	1.18 lb.	50	42	16	ATZ14120
1/4"	20	12'	1.41 lb.	50	35	16	ATZ14144
5/16"	18	6'	1.21 lb.	35	49	20	ATZ516072
5/16"	18	10'	2.02 lb.	35	42	14	ATZ516120
5/16"	18	12'	2.43 lb.	35	35	14	ATZ516144
3/8"	16	6'	1.69 lb.	25	49	20	ATZ38072
3/8"	16	10'	2.82 lb.	25	42	14	ATZ38120
3/8"	16	12'	3.39 lb.	25	35	14	ATZ38144
1/2"	13	6'	3.03 lb.	12	49	24	ATZ12072
1/2"	13	10'	5.06 lb.	12	42	16	ATZ12120
1/2"	13	12'	6.07 lb.	12	35	16	ATZ12144
5/8"	11	6'	5.06 lb.	8	49	21	ATZ58072
5/8"	11	10'	8.44 lb.	8	42	15	ATZ58120
5/8"	11	12'	10.13 lb.	8	35	15	ATZ58144
3/4"	10	6'	7.30 lb.	5	49	23	ATZ34072
3/4"	10	10'	12.17 lb.	5	42	16	ATZ34120
3/4"	10	12'	14.61 lb.	5	35	16	ATZ34144
7/8"	9	6'	10.00 lb.	4	49	21	ATZ78072
7/8"	9	10'	16.68 lb.	4	42	15	ATZ78120
7/8"	9	12'	20.01 lb.	4	35	15	ATZ78144
1"	8	6'	13.13 lb.	3	49	22	ATZ1072
1"	8	10'	21.89 lb.	3	42	15	ATZ1120
1"	8	12'	26.26 lb.	3	35	15	ATZ1144
1-1/8"	7	6'	20.84 lb.	2	49	21	ATZ118072
1-1/8"	7	10'	34.73 lb.	2	42	14	ATZ118120
1-1/8"	7	12'	41.70 lb.	2	35	14	ATZ118144
1-1/4"	7	6'	21.39 lb.	2	49	20	ATZ114072
1-1/4"	7	10'	35.64 lb.	2	42	14	ATZ114120
1-1/4"	7	12'	42.77 lb.	2	35	14	ATZ114144
1-1/2"	6	6'	30.31 lb.	1	49	28	ATZ112072
1-1/2"	6	10'	51.52 lb.	1	42	16	ATZ112120
1-1/2"	6	12'	60.62 lb.	1	35	16	ATZ112144

Threaded Rod Hot Dipped Galvanized ASTM A153

Diameter	Threads per Inch	Length	Weight per Piece	Pieces per Tube	Tubes per Pallet	Pallets per 20 ft. Container	SKU
3/8"	16	6'	1.69 lb.	25	49	20	ATHG38072
3/8"	16	10'	2.82 lb.	25	42	14	ATHG38120
3/8"	16	12'	3.39 lb.	25	35	14	ATHG38144
1/2"	13	6'	3.03 lb.	12	49	24	ATHG12072
1/2"	13	10'	5.06 lb.	12	42	16	ATHG12120
1/2"	13	12'	6.07 lb.	12	35	16	ATHG12144
5/8"	11	6'	5.06 lb.	8	49	21	ATHG58072
5/8"	11	10'	8.44 lb.	8	42	15	ATHG58120
5/8"	11	12'	10.13 lb.	8	35	15	ATHG58144
3/4"	10	6'	7.30 lb.	5	49	24	ATHG34072
3/4"	10	10'	12.17 lb.	5	42	16	ATHG34120
3/4"	10	12'	14.61 lb.	5	35	16	ATHG34144
7/8"	9	6'	10.00 lb.	4	49	21	ATHG78072
7/8"	9	10'	16.68 lb.	4	42	15	ATHG78120
7/8"	9	12'	20.01 lb.	4	35	15	ATHG78144
1"	8	6'	13.13 lb.	3	49	22	ATHG1072
1"	8	10'	21.89 lb.	3	42	15	ATHG1120
1"	8	12'	26.26 lb.	3	35	15	ATHG1144
1-1/8"	7	6'	20.84 lb.	2	49	21	ATHG118072
1-1/8"	7	10'	34.73 lb.	2	42	14	ATHG118120
1-1/8"	7	12'	41.67 lb.	2	35	14	ATHG118144
1-1/4"	7	6'	21.39 lb.	2	49	20	ATHG114072
1-1/4"	7	10'	35.64 lb.	2	42	14	ATHG114120
1-1/4"	7	12'	42.77 lb.	2	35	14	ATHG114144
1-1/2"	6	6'	30.31 lb.	1	49	28	ATHG112072
1-1/2"	6	10'	50.52 lb.	1	42	16	ATHG112120
1-1/2"	6	12'	60.62 lb.	1	35	16	ATHG112144

Bent Threaded Rod Zinc Plated ASTM B633

Diameter	Threads per Inch	Length	Weight per Piece	Pieces per Tube	Tubes per Pallet	Pallets per 20 ft. Container	SKU
1/2"	8	52"	2.72 lb.	15	50	21	BTRZ12528

Threaded Rod #304 Stainless Steel

Diameter	Threads per Inch	Length	Weight per Piece	Pieces per Tube	Tubes per Pallet	Pallets per 20 ft. Container	SKU
1/4"	20	6'	0.78 lb.	50	49	22	ATSS14072
1/4"	20	10'	1.30 lb.	50	42	15	ATSS14120
1/4"	20	12'	1.56 lb.	50	35	15	ATSS14144
5/16"	18	6'	1.28 lb.	35	49	19	ATSS516072
5/16"	18	10'	2.13 lb.	35	42	13	ATSS516120
5/16"	18	12'	2.56 lb.	35	35	13	ATSS516144
3/8"	16	6'	1.86 lb.	25	49	18	ATSS38072
3/8"	16	10'	3.10 lb.	25	42	13	ATSS38120
3/8"	16	12'	3.73 lb.	25	35	13	ATSS38144
1/2"	13	6'	3.34 lb.	12	49	21	ATSS12072
1/2"	13	10'	5.56 lb.	12	42	15	ATSS12120
1/2"	13	12'	6.67 lb.	12	35	15	ATSS12144
5/8"	11	6'	5.57 lb.	8	49	19	ATSS58072
5/8"	11	10'	9.28 lb.	8	42	13	ATSS58120
5/8"	11	12'	11.14 lb.	8	35	13	ATSS58144
3/4"	10	6'	8.04 lb.	5	49	21	ATSS34072
3/4"	10	10'	13.39 lb.	5	42	15	ATSS34120
3/4"	10	12'	16.07 lb.	5	35	15	ATSS34144





An Overview of Screws

A Brief History of Screws

Debate still rages today as to who actually invented the screw. Some scholars credit the Pythagorean philosopher Archytas of Tarentum (c. 400 B.C.) for identifying the helical shape that forms the thread of the screw. But it is generally accepted that the ancient Greek engineer Archimedes (c. 287 B.C.) is the "Father of the Screw." Early screws were hand-carved of wood and lacked a point, more closely resembled a bolt rather than a modern screw. Not yet used as a fastener, these early screws were used in wine, linen, and olive oil screw presses, as well as in water presses for irrigation and for pumping mines and ship bilges. These were the common applications of screws for roughly the next two thousand years.

The marvelous leap from screws for wine presses to screws for fastening may have developed in response to the limitations of nails. Hand-forged nails of the day were thick and long, and therefore could not be used for joining thin or fine materials, including metal. Also, nails could not be easily extracted without damage to the surrounding material, and their holding power was limited only to the strength of the fibers holding them in place. Somewhere along the way the metal screw was born.

By the 1500s, hand-forged metal screws could be found in metal armor, locks, and clocks but were not yet in use for common joinery applications. These early screws could be described as a nail with a threaded shank and a slot in its head for ease of removal. Both the threading and the slot were carved by hand, which led to significant differences from one screw to the next. The process was extremely laborious and time consuming, resulting in a very expensive fastener.

The late 1700s ushered in the era of mass-produced screws. This started with the development of machines

that could mechanically and evenly carve the screw threads, which was a tremendous leap forward. Initially, the slot in the head of the screw still needed to be hand cut with a hack saw, but as time went on the technique was perfected and this step became part of the overall process. These first machine-made screws had blunt points, but by the late 1800s further innovations had led to the development of mills capable of producing pointed screws.

Just as with nails, as new building materials and techniques are introduced, screw drives, heads, threads, and points have evolved to keep pace with the changing technology.

Pilot Holes

Pilot holes are used only with screws to ease driving into the material. A self-drilling screw virtually eliminates the need for a pilot point, but there are several instances where pilot holes are needed:

- When attaching to masonry.
- When working with aged hardwoods. Excessive driving resistance may be encountered around knots and tight grain. A pilot hole will prevent splitting and make driving the screw easier.
- When working close to the edge of material. Wood may split, depending on the grain of the wood.
- Drywall and particle board can develop distortions due to the compression of the material, resulting in reduced holding power.

A pilot hole should be equal to or just less than the root diameter of the screw thread. In hardwoods, pilot hole depth should equal the screw length. In particle board and softwoods, pilot hole depth should be 2/3 of the screw length. This allows the leading two or three threads to penetrate solid material and insures adequate pull out strength.



Screw Drives

Slot - Driven by a flat-bladed screwdriver. Earliest known style of drive.



Phillips - "+" shaped recess designed to cam out before being overdriven.



Square - Fits securely on driver bit, enabling one-handed fastening.



Combination - Accommodates either Phillips or square driver (bit).



Star - Six-sided drive easy on bits and provides better torque transfer than other drive designs.



Screw Heads

Bugle head - Tapered, countersinking head compresses the surface of the material under it as it is driven.



Flat head - Fits snug up against the material, unlike bugle head, which is designed to "sink" into the substrate.



Pan head - Flat bearing surface is ideal for attaching light-gauge steel to light-gauge steel (i.e., track lighting).



Pan framing head - Flared bottom of head rests flush against steel; prevents dimpling of steel.



Round washer head - Broad head bottom provides additional holding power.



Trim head - For fine carpentry applications. Countersunk like finishing nails.



Washer head/modified truss - Provides a larger bearing area for working with softer materials.



Wafer head - Flat, wide head ideal for installing cement board.



Hex washer head - Hex head can be driven with nut driver.



Screw Shanks/Threads

Coarse thread - Provides superior holding power when attaching to wood.



Fine thread - Provides superior holding power when attaching to light-gauge steel.



High-low thread - For attaching drywall to light-gauge steel studs or wood studs. Provides higher strip-out resistance.



Twin-lead/double-lead - Two helixes spiraling around the screw shank. Provides increased holding power and potentially faster application speed.



Screw Points

Most screw drives, heads, and threads are consistent from one industry to the next. However, there is a more pronounced difference when it comes to screw points. As Grip-Rite fasteners are intended primarily for general and specialty construction projects, points designed for machinery, automobile assembly, and other heavy industry are not featured here.

Wood Applications:



Sharp point - Standard screw point for fastening into wood and other medium to soft materials. May also be referred to as a "Type A" point.



Type 17 - Long, sharp point with flute, which creates its own pilot point as well as displaces some of wood pitch.



Spade point - Resembles a shovel or spade. Used primarily to attach cement board to wood or light-gauge steel. The spade point penetrates the board without cracking it.



Metal Applications:



Self-piercing point - Needle point designed for use in relatively thin sections. The point literally stabs through the material, making a hole slightly smaller than the minor diameter of the threads. This allows the threads to extrude the metal for increased thread engagement and reduces the tendency to strip-out.



Self-drilling point - Point designed to drill through very thin sections too thick to be pierced. Point is either smooth (pilot point) or winged. Wings eliminate pre-drilling of wood.

Wood to Metal Applications



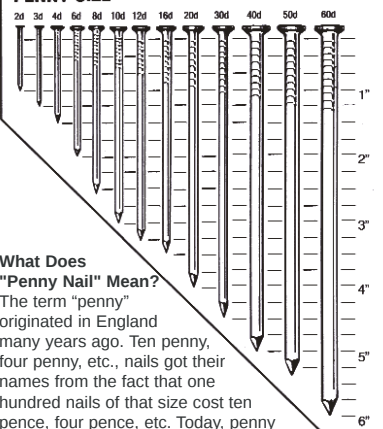
Winged point/shank - Used with self-drilling point when attaching wood to steel or other hard material. Wings or "reamers" eliminate pre-drilling of the wood. Wings break off when they hit the second material to allow the threads to engage for a tight joinery.



Pilot point - Used for attaching up to 3/4" to 1-1/8" materials to thin gauge steel. The leading blank shank eliminates thread engagement, which is the primary cause of jacking.

Common Nail Sizes

PENNY SIZE



What Does

"Penny Nail" Mean?

The term "penny" originated in England many years ago. Ten penny, four penny, etc., nails got their names from the fact that one hundred nails of that size cost ten pence, four pence, etc. Today, penny represents the definite length of a nail measured from the head to the tip of the point. The term "penny" is still shown by using the English pence sign, "d."

Number of Gauge	American Standard Wire Gauge	
	inch	mm
0	.3065	7.785
1	.2830	7.188
2	.2625	6.667
3	.2437	6.189
4	.2253	5.722
5	.2070	5.257
6	.1920	4.876
7	.1770	4.495
8	.1620	4.114
9	.1483	3.766
10	.1350	3.429
11	.1205	3.060
12	.1055	2.679
13	.0915	2.324
14	.0800	2.032
15	.0720	1.828
16	.0625	1.587
17	.0540	1.371
18	.0475	1.206
19	.0410	1.041
20	.0348	0.883

Index of Fasteners

	Page		
Anchor Bolts	42-43	Nail-Cooler	6
Grip-Cap Nails	20-21	Nail-Drywall	
Nail-Box		Barbed Shank-Vinyl Coated	26
Ardox Shank-Gold Dichromate	5	Ring Shank-Blued	26
Ring Shank-Bright	5	Ring Shank-Bright	26
Ring Shank-PrimeGuard Plus-coated	37	Ring Shank-Electrogalvanized	26
Ring Shank-Stainless Steel	40	Ring Shank-Hot Dipped Galvanized	26
Smooth Shank-Bright	5	Ring Shank-Phosphate Coated Cupped Head	26
Smooth Shank-Coated	5	Smooth Shank-Cement Coated	26
Smooth Shank-Electrogalvanized	14	Smooth Shank-Phosphate Coated Cupped Head	26
Smooth Shank-Hot Dipped Galvanized	14	Nail-Duplex	5
Smooth Shank-PrimeGuard Plus-coated	37	Nail-Fence	15
Nail-Caps		Nail-Fiber Cement Siding	38
Ring Shank-Bright Metal Round Cap	21	Nail-Fine	
Ring Shank-Bright Metal Square Cap	21	Smooth Shank-Electrogalvanized	19
Ring Shank-Electrogalvanized Metal Round Cap	21	Smooth Shank-Hot Dipped Galvanized	19
Ring Shank-Electrogalvanized Metal Square Cap	21	Nail-Finish	
Ring Shank-Electrogalvanized Plastic Round Cap	20	Ardox Shank-Gold Dichromate	8
Spiral Shank-Bright Metal Round Cap	21	Smooth Shank-Bright	8
Also see Masonry Nail		Smooth Shank-Electrogalvanized	16
Nail-Casing		Smooth Shank-Hot Dipped Galvanized	16
Smooth Shank-Electrogalvanized	17	Nail-Flooring	
Smooth Shank-Hot Dipped Galvanized	17	Cut-Tempered Hardened Steel	9
Spiral Shank-Hot Dipped Galvanized	17	Spiral Shank-Tempered Hardened Steel	9
Nail-Common		Nail-Foundry	12
Ardox Shank-Bright	4	Nail-Framing	5
Ring Shank-Bright	4	Nail-Furring	
Ring Shank-Coated	4	Smooth Shank-Electrogalvanized with Wad	24
Ring Shank-Electrogalvanized	14	Smooth Shank-Electrogalvanized without Wad	24
Ring Shank-Hot Dipped Galvanized	14	Nail-Hinge	12
Ring Shank-PrimeGuard Plus-coated	37	Nail-Joist Hanger	
Ring Shank-Stainless Steel	40	Ring Shank-Bright	7
Smooth Shank-Bright	4	Ring Shank-Hot Dipped Galvanized	16
Smooth Shank-Coated	4	Smooth or Barbed Shank-Bright	7
Smooth Shank-Electrogalvanized	14	Smooth or Barbed Shank-Electrogalvanized	16
Smooth Shank-Hot Dipped Galvanized	14	Smooth or Barbed Shank-Hot Dipped Galvanized	16
Smooth Shank-PrimeGuard Plus-coated	36	Smooth or Barbed Shank-Stainless Steel	40
Spiral Shank-Bright	4		



Nail-Lath	26	Ring Shank-Hot Dipped Galvanized Painted with Neoprene Washer	22
Nail-Lead Head	23	Smooth Shank-Copper	23
Nail-Masonry		Also see Shake Nail, Lead Head Nail, Tile Roofing Nail	
Cut-Tempered Hardened Steel	9		
Fluted Shank-Tempered Hardened Steel	9	Nail-Roofing and Siding	
Fluted Shank-Tempered Hardened Steel with Metal Round Cap	10	Smooth or Barbed Shank-Electrogalvanized	20
Also see "Stub" Masonry Nail		Smooth or Barbed Shank-Hot Dipped Galvanized	20
		Ring Shank-Electrogalvanized	20
		Ring Shank-Hot Dipped Galvanized	20
Nail-Nursery	12	Also see Cap Nail, Shake Nail, Shingle Nail	
Nail-Pallet		Nail-Shake	
Ring Shank-Stiff Stock Blunt Diamond Point	13	Ring Shank-Hot Dipped Galvanized	24
Ring Shank-Stiff Stock No Point	13	Ring Shank-Stainless Steel	40
Spiral Shank-Stiff Stock Blunt Diamond Point	13	Smooth Shank-Hot Dipped Galvanized	24
Spiral Shank-Stiff Stock No Point	13		
Spiral Shank-Tempered Hardened Steel No Point	13	Nail-Shingle	
		Smooth Shank-Hot Dipped Galvanized	23
Nail-Panel Board	11	Nail-Sinker	6
Nail-Patio/Deck		Nail-"Stub" Masonry	
Ring Shank-Hot Dipped Galvanized	17	Smooth Shank-Electrogalvanized	
Ring Shank-Stainless Steel	39	Smooth Shank-Hot Dipped Galvanized	10
Spiral Shank-Hot Dipped Galvanized	33	Smooth Shank-Tempered Hardened Steel with Countersunk Head	10
Spiral Shank-Stainless Steel	39	Smooth Shank-Tempered Hardened Steel with Countersunk Head	10
Ring Shank-PrimeGuard Plus-coated	36		
Spiral Shank-PrimeGuard Plus-coated	36	Nail-Tile Roofing	23
Nail-Plasterboard		Nail-Trim	
Smooth Shank-Blued	27	Smooth Shank-Aluminum Painted	41
Smooth Shank-Coated	27	Smooth Shank-Tempered Hardened Steel	8
Smooth Shank-Electrogalvanized	27	Smooth Shank-Stainless Steel	40
Smooth Shank-Hot Dipped Galvanized	27	Smooth Shank-Stainless Steel Painted	40
Nail-Polebarn		Nail-Truss	
Ring Shank-Bright Stiff Stock	6	Ring Shank-Coated	7
Ring Shank-Hot Dipped Galvanized Stiff Stock	15	Smooth Shank-Coated	7
Ring Shank-Hot Dipped Galvanized Tempered Hardened Steel	15	Nail-Underlayment	
Ring Shank-Tempered Hardened Steel	6	Ring Shank-Bright	8
		Ring Shank-Electrogalvanized	8
Nail-Roofing		Nail-Vinyl Siding	36
Ring Shank-Aluminum with Neoprene Washer	23		
Ring Shank-Electrogalvanized with Neoprene Washer	22		
Ring Shank-Hot Dipped Galvanized with Neoprene Washer	22		



Nail-Wood & Hardboard Siding		Screw-Exterior	
Smooth Shank-PrimeGuard Plus-coated	38	Bugle Head-PrimeGuard Ten-coated Phillips	19
Smooth Shank-Hot Dipped Galvanized	24	Bugle Head-PrimeGuard Ten-coated Square	19
Spiral Shank-Hot Dipped Galvanized	24	Bugle Head-Stainless Steel	39
		Bugle Head-PrimeGuard Plus-coated Combo	35
		Bugle Head-PrimeGuard Plus-coated Star	35
Nail-Wood Siding		Screw-Finish and Trim	
Smooth Shank-Hot Dipped Galvanized Oval Head	34	Trim Head-Coarse Thread Stainless Steel Type 17	39
Ring Shank-Hot Dipped Galvanized Split-Proof™	34	Trim Head-Fine Thread Phosphate Coated Sharp Phillips	29
Ring Shank-PrimeGuard Plus-coated Split-Proof™	38	Trim Head-Fine Thread Phosphate Coated Sharp Square	29
Ring Shank-Stainless Steel Split-Proof™	40	Trim Head-Fine Thread Zinc Plated Self-drill	29
Nail-Wrought Head	12		
Plate Washers	38-39	Screw-General Purpose	29
PrimeGuard Plus® Premium Exterior Fasteners	33-41	Screw-Laminator	27
PrimeGuard Ten® Exterior Screws	19	Screw-Metal to Metal	
Screw-Bits	37	Hex Washer Head-Zinc Plated	31
Screw-Cabinet	32	Hex Washer Head-Zinc Plated Stitch/Lap	31
Screw-Cement Board		Hex Washer Head w/Neoprene Washer-Galvanized	32
Wafer Head-Fine Thread	32	Hex Washer Head w/Neoprene Washer-Zinc Plated	32
Wafer Head-High-low Thread	32	Modified Truss-Zinc Plated Self-drill	30
Screw-Composite Deck	36	Modified Truss-Zinc Plated Sharp	30
Screw-Drywall		Pan Framing Head-Phosphate Coated Self-drill	30
Bugle Head-Coarse Thread		Pan Framing Head-Phosphate Coated Sharp	30
Phosphate Coated Phillips	27	Pan Framing Head-Zinc Plated	30
Bugle Head-Coarse Thread		Pan Head-Zinc Plated	30
Phosphate Coated Square	27	Slotted Hex Washer Head-Zinc Plated	32
Bugle Head-Fine Thread Self-drill		Screw-Metal to Wood	
Phosphate Coated	27	Hex Washer Head w/Neoprene Washer-Galvanized Double-lead Thread	29
Bugle Head-Fine Thread Self-drill Zinc Plated	28	Hex Washer Head w/Neoprene Washer-Galvanized-High-low Thread	29
Bugle Head-Fine Thread Sharp Phosphate Coated	28	Hex Washer Head w/Neoprene Washer-Galvanized & Painted-High-low Thread	29
Bugle Head-High-low Thread Sharp			
Phosphate Coated	28		
Also see Laminator Screw			



Screw-Overhead Garage Door	31	Staple-Fence	
Screw-Wood to Metal		Smooth or Barbed-Bright	7
Wafer Head-Fine Thread	30	Smooth or Barbed-Cement Coated	7
Wafer Head-Fine Thread with Wings	30	Smooth or Barbed-Electrogalvanized	15
Hex Washer Head w/Neoprene		Smooth or Barbed-Hot Dipped Galvanized	15
Washer-Galvanized-High-low Thread	32		
Spike-Gutter		Staple-Poultry Net	
Ring Shank-Electrogalvanized	18	Smooth or Barbed-Electrogalvanized	15
Ring Shank-Hot Dipped Galvanized	18	Smooth or Barbed-Hot Dipped Galvanized	15
Smooth Shank-Electrogalvanized	18	Staple-Vineyard	15
Smooth Shank-Hot Dipped Galvanized	18		
Smooth Shank-Hot Dipped Galvanized Painted	18	Tension Pin	
Smooth Shank-Painted	11	Smooth Shank-Electrogalvanized	10
		Smooth Shank-Tempered Hardened Steel	10
Spike-Landscape		Threaded Rod	
Ring Shank-Bright	11	Coarse Thread-Bright Unplated	43
Ring Shank-Hot Dipped Galvanized	18	Coarse Thread-Zinc Plated	43
Smooth Shank-Bright	11	Coarse Thread-Hot Dipped Galvanized	43
Smooth Shank-Hot Dipped Galvanized	18	Timber Tie	18
Spiral Shank-Bright	11		
Spiral Shank-Hot Dipped Galvanized	18	Tin Cap	20

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