



Simpson Strong-Tie is your source for concrete solutions

Simpson Strong-Tie offers innovative solutions for infrastructure, commercial, industrial and residential construction. Our code-listed products, general-purpose anchors and fasteners, and new products to repair, protect and strengthen concrete and masonry provide the product solutions required to tackle your toughest application. And our knowledgeable field and engineering teams are here to support you from bid to installation.



Contact us to learn more about how Simpson Strong-Tie can improve efficiency and reduce overall installed cost. Call us at (718) 461-2200 or visit www.rawequipment.com.



AT-XP® Adhesive



ET-HP® Adhesive



Strong-Bolt® 2 Anchor



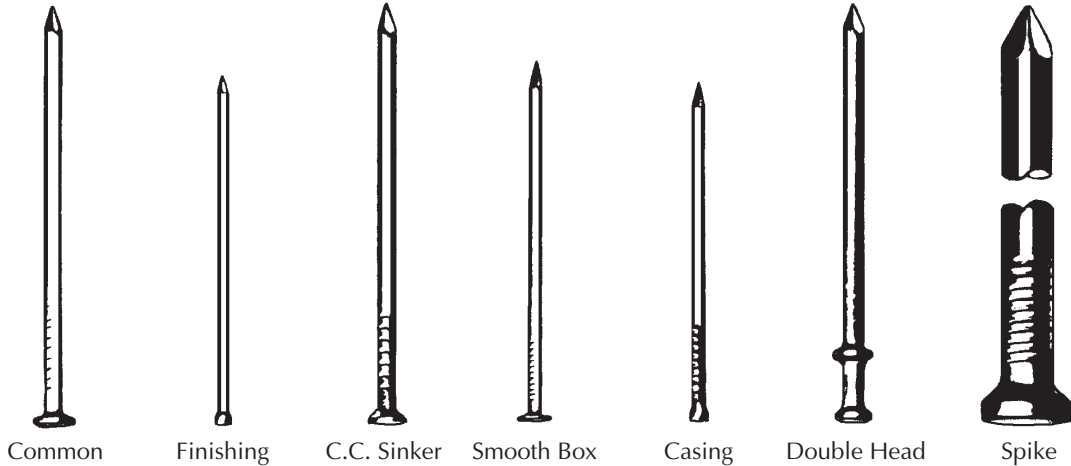
Titen HD® Anchor



PT-27
Powder-Actuated Tool

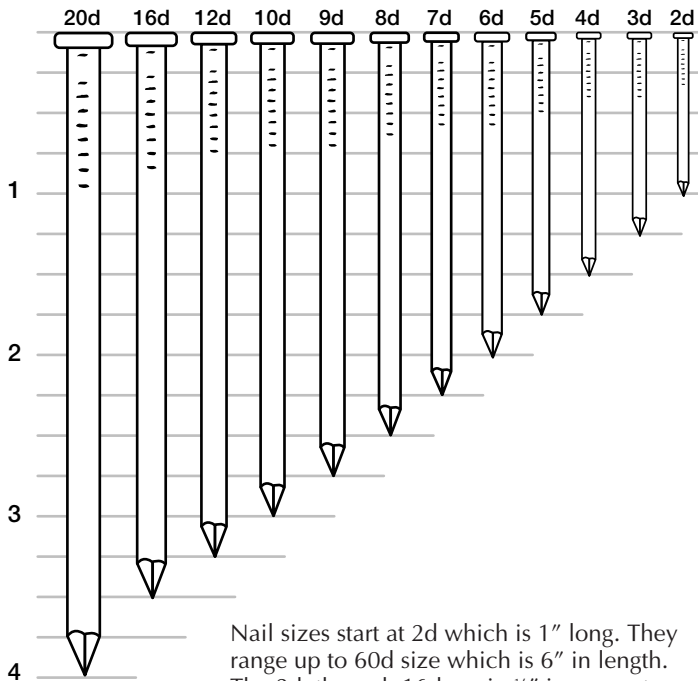


CHARTS AND USEFUL INFORMATION



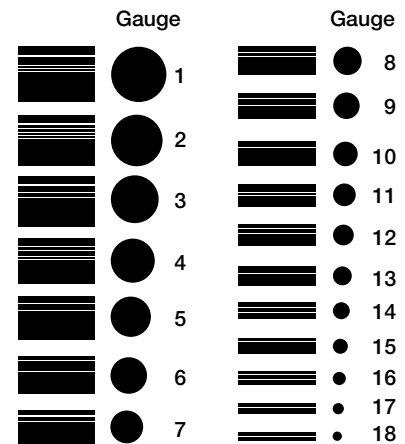
COMMON NAIL SIZES AND THEORETICAL COUNT PER POUND

Steel Wire Gauge	LENGTH-INCHES																							
	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/2	4	4 1/2	5	6	7	8	9	10	11	12
3/8	-	-	-	29	26	23	20	17	15	15	12	11	11	8.9	7.9	7.1	6.4	5.2	4.5	4.0	3.4	3.2	2.9	2.7
5/16	-	-	-	43	38	34	29	25	22	20	18	16	15	13	11	10	9.0	7.6	6.5	5.7	5.0	4.5	4.1	3.8
1 Ga.	-	-	-	47	44	40	34	29	26	23	21	20	18	16	14	12	11	9.3	8.0	7.0	6.3	5.7	5.2	4.7
2 Ga.	-	-	-	60	54	48	41	35	31	28	25	23	21	18	16	14	13	11	9.3	8.1	7.2	6.6	6.1	5.6
3 Ga.	-	-	-	67	60	55	47	41	36	32	29	27	25	21	18	16	15	12	11	9.4	8.3	7.6	7.1	6.6
4 Ga.	-	-	-	81	74	66	55	48	41	37	34	31	29	25	22	20	18	15	13	11	9.8	8.9	8.1	7.5
5 Ga.	-	-	-	90	81	74	61	52	45	41	38	35	32	28	24	22	21	18	16	14	12	11	11	9.6
6 Ga.	-	149	128	113	101	91	76	65	58	52	47	43	39	34	29	26	24	20	18	16	15	13	11	11
7 Ga.	-	174	148	132	120	110	92	78	70	61	55	53	51	40	35	31	28	24	19	18	16	14	13	12
8 Ga.	238	198	174	153	139	126	106	93	82	74	66	61	56	48	42	38	34	28	24	21	19	17	15	14
9 Ga.	286	238	213	185	170	152	128	112	99	87	79	71	67	58	50	45	41	34	29	25	23	21	19	17
10 Ga.	373	320	277	242	216	196	165	142	124	111	100	91	84	71	62	55	49	42	36	31	27	25	23	21
11 Ga.	417	366	323	285	254	233	200	171	149	136	122	111	103	87	77	69	61	52	44	39	35	31	29	26
12 Ga.	603	511	442	405	351	327	268	229	204	182	161	149	137	118	103	95	87	71	63	56	50	45	40	36
13 Ga.	802	688	590	508	458	412	348	297	260	232	209	190	175	153	138	123	110	93	-	-	-	-	-	-
14 Ga.	1037	863	806	667	610	536	459	406	350	312	278	256	233	201	176	157	140	117	-	-	-	-	-	-
15 Ga.	1316	1132	971	869	787	694	602	501	437	390	351	317	290	246	220	196	177	145	-	-	-	-	-	-
16 Ga.	1708	1414	1229	1099	973	872	739	635	553	496	452	410	370	318	277	248	226	-	-	-	-	-	-	-
17 Ga.	2306	1904	1581	1409	1253	1139	956	831	746	666	590	532	486	418	360	322	295	-	-	-	-	-	-	-



Nail sizes start at 2d which is 1" long. They range up to 60d size which is 6" in length. The 2d through 16d are in 1/4" increments. Nails above 16d increase by 1/2" increments.

PLAIN WIRE SIZES



DECIMAL EQUIVALENTS OF STEEL WIRE GAUGE

Gauge No.	Wire Diameter (in.)
9	0.1483
10	.1350
11	.1205
12 1/2	.0990
13	.0915
14	.0800
14 1/2	.0760
15 1/2	.0670