



NAIL & FASTENERS

M HEBEI MINMETALS CO.,LTD.



Introduction to Enterprise

Hebei Minmetals Co., Ltd , a joint-stock enterprise specialized in manufacturing and exporting of wire fence and other metal products, is derived from the structural reform of old state owned foreign trading companies. It was established in September 2004, with registered capital of 30 million RMB. The export turnover is over 100 million USD. Hebei Minmetals Co., Ltd, has become the top exporters in Hebei province.

Hebei Minmetals main products includes wires, wire fences, fence posts, nails, garden products, casting irons , building materials and household products. In recent years, Hebei Minmetals has been focusing on researching and developing the new products. By means of innovative operations, the products family has been constantly enlarged. The sales network has also been greatly strengthened. The products are now successfully marketed in worldwide markets.

Hebei Minmetals has transformed into an enterprise group which has its own industrial entity originated from a traditional foreign trade company. At the present time, Hebei Minmetals has 4 proprietary factories, Hebei Wuxin Garden Products Co., Ltd, Hebei Wuxin Wire and Netting Products Co., Ltd, Hebei Wuxin Fiberglass Products Co., Ltd, Hebei JINMEITAI Hardware Products Co., Ltd and owns shares of HeBei Haixin Hardware Products Co., Ltd , The total production value of the 5 factories nearly reached RMB 600 million. In the meantime, we also source from other Chinese mills and Southeast Asian mills. Hebei Minmetals has two invested companies overseas which enables Hebei Minmetals to supply customers high quality products at competitive prices as well as good service.

Hebei Minmetals has an excellent team of dream catchers, full of ambition, vitality and creativity. We believe, with the mutual efforts of all the members of the team, Hebei Minmetals will surely become the flagship enterprise in Hebei foreign trade industry.

Thanks for your support and assistance!
We remain,

Yours faithfully,
HeBei Minmetals Co., Ltd

INTRODUCTION



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CATALOGUE

NAIL INFORMATION

FINISH AVAILABLE

Nails in the natural finish of the wire are known as "Bright" nails, below is the complete list of finishes available at an additional cost.

■ **BRIGHT** natural finish of wire and is not recommended for exposed nailing.

■ **PHOSPHATE COATED** a new chemically dipped process which is a definite improvement over the cement coating previously used. This is a much cleaner nail and has greater holding power.

■ **HOT DIP GALVANIZED** a special zinc coating produced by hot dipped galvanizing process which provides good corrosion resistance for outdoor use.

■ **ELECTRO-GALVANIZED** a special electrolytic plating with zinc coating which has a smoother surface finish and less corrosion resistance than the hot galvanized processed nail.

■ **BLUED** a special heat treatment provides a thin oxide finish to make the nail non-toxic when put into the mouth.

■ **HEAT TREATED** a special heat treatment applied to steel nails to give a hard outer surface to the nail.

SHANKS AVAILABLE

- Smooth Shank
- Spiral Shank
- Threaded Shank

PRODUCTS AVAILABLE

- Regular Nails
- Roofing Nails with neo-prene washer, lead head & square head
- Gutter Spikes / Round Wire Spike
- Machine quality nails for agricultural packaging, pallet manufacturing and wood crating
- Stiff Stock / Extra Stiff Stock Grade Nails
- Masonry & Concrete Nails
- Staples-Fence Staple(9GA) / Vineyard Staple (12GA) / Poultry Staple(14GA)
- Small Package Nails-1LB/5LBS

TYPE OF HEAD



TYPE OF BODY(NAIL SHANKS)



TYPE OF POINT



WIRE GAUGES

Wire Gauge No.	A.S.W.G. (America Standard Wire Gauged)		B.W.G. (Birmingham Wire Gauged)		S.W.G (I.S.W.G.) (Imperial Standard Wire Gauged)		J.D.P. (Jauge De Paris)	
	inch	mm	inch	mm	inch	mm	inch	mm
7/0	.4900	12.446			.500	12.700		
6/0	.4615	11.722			.464	11.786		
5/0	.4305	10.934			.432	10.973		
4/0	.3938	10.002	.454	11.531	.400	10.160		
3/0	.3625	9.207	.425	10.475	.372	9.449		
2/0	.3310	8.407	.380	9.652	.348	8.839	.01575	.400
0	.3065	7.785	.340	8.636	.324	8.230	.01968	.500
1	.2830	7.188	.300	7.620	.300	4.620	.02362	.600
2	.2625	6.667	.284	7.213	.276	7.010	.02756	.700
3	.2437	6.189	.259	6.578	.252	6.401	.03150	.800
4	.2253	5.722	.238	6.045	.232	5.893	.03543	.900
5	.2070	5.257	.220	5.588	.212	5.385	.03937	1.000
6	.1920	4.876	.203	5.156	.192	4.877	.04330	1.100
7	.1770	4.495	.180	4.572	.176	4.470	.04724	1.200
8	.1620	4.114	.165	4.191	.160	4.064	.05118	1.300
9	.1483	3.766	.148	3.759	.144	3.658	.05512	1.400
10	.1350	3.429	.134	3.403	.128	3.251	.05905	1.500
11	.1205	3.060	.120	3.048	.116	2.946	.06299	1.600
12	.1055	2.679	.109	2.768	.104	2.642	.07066	1.800
13	.0915	2.324	.095	2.413	.092	2.337	.07874	2.000
14	.0800	2.032	.083	2.108	.080	2.032	.08661	2.200
15	.0720	1.829	.072	1.829	.072	1.829	.09449	2.400
16	.0625	1.587	.065	1.651	.064	1.626	.10630	2.700
17	.0540	1.371	.058	1.473	.056	1.422	.11811	3.000
18	.0475	1.206	.049	1.244	.048	1.219	.13386	3.400
19	.0410	1.041	.042	1.066	.040	1.016	.15354	3.900
20	.0348	0.883	.035	0.889	.036	0.914	.17323	4.400
21	.0317	0.806	.032	0.813	.032	0.813	.19291	4.900
22	.0286	0.726	.028	0.711	.028	0.711	.21260	5.400
23	.0258	0.655	.025	0.635	.024	0.610	.23228	5.900
24	.0230	0.584	.022	0.559	.022	0.559	.25197	6.400
25	.0204	0.518	.020	0.508	.020	0.508	.27559	7.000
26	.0181	0.459	.018	0.457	.018	0.457	.29921	7.600
27	.0173	0.439	.016	0.406	.0164	0.416	.32283	8.200
28	.0162	0.411	.014	0.355	.0148	0.375	.34645	8.800
29	.0150	0.381	.013	0.330	.0136	0.345	.37008	9.400
30	.0140	0.355	.012	0.304	.0124	0.315	.39370	10.000
31	.0132	0.335	.010	0.254	.0116	0.295		
32	.0128	0.325	.009	0.229	.0108	0.274		
33	.0118	0.300	.008	0.203	.0100	0.254		
34	.0104	0.264	.007	0.178	.0092	0.234		

PACKING :

The nails of this catalogue can be finished in different packaging :
50lb & 25lb carton ,30lb plastic tubs,1lb & 5lb plastic tub and carton ,1200lb gaylord

COMMON NAIL

For construction, carpentry and framing. Flat head, diamond point.



Size		Gauge	Head Size	Approx. Counts per LB
1"	2D	15	11/64"	847
1-1/4"	3D	14	13/64"	543
1-1/2"	4D	12-1/2	1/4"	294
1-3/4"	5D	12-1/2	1/4"	254
2"	6D	11-1/2	17/64"	167
2-1/4"	7D	11-1/2	17/64"	150
2-1/2"	8D	10-1/4	9/32"	101
3"	10D	9	5/16"	66
3-1/4"	12D	9	5/16"	61
3-1/2"	16D	8	11/32"	47
4"	20D	6	13/32"	29
4-1/2"	30D	5	7/16"	22
5"	40D	4	15/32"	17
5-1/2"	50D	3	1/2"	13
6"	60D	2	17/32"	10

Shank available: ●Smooth ●Ring ●Spiral ●Ardox

Finish available: ●Bright ●E.G. ●H.D.G. ●Vinyl-Coated

Type: ●Steel Wire ●Stainless Steel

BOX NAIL

For construction, carpentry, framing, and box making. Flat head, diamond point.



Size		Gauge	Head Size	Approx. Counts per LB.
1-1/4"	3D	14-1/2	7/32"	635
1-1/2"	4D	14	7/32"	473
1-3/4"	5D	14	7/32"	406
2"	6D	12-1/2	17/64"	236
2-1/4"	7D	12-1/2	17/64"	210
2-1/2"	8D	11-1/2	19/64"	145
3"	10D	10-1/2	5/16"	94
3-1/4"	12D	10-1/2	5/16"	88
3-1/2"	16D	10	11/32"	71
4"	20D	9	3/8"	52
4-1/2"	30D	9	3/8"	45
5"	40D	8	13/32"	35

Shank available: ●Smooth ●Ring

Finish available: ●Bright ●E.G. ●H.D.G. ●Phosphated Coated
●Vinyl-coated

Type: ●Steel Wire ●Stainless Steel

DUPLEX NAIL

For temporary construction.
Flat heads, diamond point.
Measurement is from under
lower head to tip of nail.



Size		Gauge	Head Size	Approx. Counts per LB.
1-3/4"	6D	11-1/2	3/16" / 17/64"	156
2-1/4"	8D	10-1/4	15/64" / 9/32"	90
2-3/4"	10D	9	1/4" / 5/16"	59
2-7/8"	12D	9	1/4" / 5/16"	57
3"	16D	8	9/32" / 11/32"	45
3-1/2"	20D	6	5/16" / 3/8"	28

Shank available: ● Smooth

Finish available: ● Bright

FRAMING NAIL

Used for general construction.
Flat head, diamond point.
Thin shank.



Size		Gauge	Head Size	Approx. Counts per LB.
3"	10D	10-1/4	19/64"	91
3-1/4"	12D	10-1/4	19/64"	84

Shank available: ● Barbed

Finish available: ● Cement coated



SINKER NAIL

For construction, carpentry and framing. Checkered, countersunk head, diamond point.



Size		Gauge	Head Size	Approx. Counts per Pound.
1-1/8"	3D	15-1-2	11/64"	923
1-3/8"	4D	14	13/64"	527
1-5/8"	5D	13-1/2	7/32"	387
1-7/8"	6D	13	15/64"	293
2-1/8"	7D	12-1/2	1/4"	223
2-3/8"	8D	11-1/2	17/64"	153
2-7/8"	10D	11	9/32"	111
3-1/8"	12D	10	5/16"	81
3-1/4"	16D	9	11/32"	64
3-3/4"	20D	7	3/8"	40
4-1/4"	30D	6	13/32"	30
4-3/4"	40D	5	7/16"	23
5-3/4"	60D	3	1/2"	14

Shank available: ● Smooth

Finish available: ● Vinyl-coated

COOLER NAIL

For general construction and framing. Smooth flat head.



Size		Gauge	Head Size	Approx. Counts per Pound.
1-3/8"	4D	14	7/32"	493
1-7/8"	6D	13	1/4"	278
2-1/8"	7D	12-1/2	17/64"	212
2-3/8"	8D	11-1/2	9/32"	144
2-7/8"	10D	11	19/64"	105
3-1/8"	12D	11	19/64"	83
3-1/4"	16D	9	3/8"	69

Shank available: ● Smooth

Finish available: ● Vinyl-Coated

POLEBARN NAIL

For load-bearing wooden structures.



Size		Gauge	Head Size	Approx. Counts per Pound.
2"	6D	11	9/32"	149
2-1/2"	8D	9	5/16"	78
3"	10D	9	5/16"	66
3-1/4"	12D	9	5/16"	61
3-1/2"	16D	9	5/16"	57
4"	20D	7	3/8"	35
4-1/2"	30D	7	3/8"	31
5"	40D	7	3/8"	28
5-1/2"	50D	7	3/8"	26
6"	60D	5	15/32"	17
7"	70D	5	15/32"	15
8"	80D	5	15/32"	13
10"	100D	5	15/32"	12

Shank available: ● Ring

Finish available: ● Bright ● Hot Dip Galvanized

Type: ● Stiff Stock ● Temper Hardened Steel

OVAL HEAD SIDING NAIL

For blind nailing of wood siding and clapboard.



Size		Gauge	Head Size	Approx. Count Per Pound.
2"	6D	12	15/64"	192
2-1/4"	7D	12	15/64"	179
2-1/2"	8D	12	15/64"	156
3"	10D	12	15/64"	113

Shank available: ● Smooth ● Spiral

Finish available: ● H.D.G.



FENCE STAPLE

For attaching woven wire fence, welded fence, or barbed wire to wooden fence posts



Size	Gauge	Crown Size	Approx. Counts per Pound.
1"	9	1/4"	106
1-1/8"	9	1/4"	97
1-1/4"	9	1/4"	87
1-1/2"	9	1/4"	72
1-3/4"	9	1/4"	61
2"	9	1/4"	53

Shank available: ● Smooth ● Barbed

Finish available: ● Bright ● Cement coated ● E.G. ● H.D.G.

POULTRY NET STAPLE

For attaching poultry net and fencing to wood



Size	Gauge	Crown Size	Approx. Counts per Pound.
3/4"	14	3/16"	500

Finish available: ● E.G. ● H.D.G.

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JOIST HANGER NAIL

For attaching joist hangers to wood studs.



Size	Gauge	Head Size	Approx. Counts per LB.
1-1/4"	9	5/16"	149
1-1/2"	9	5/16"	125
1-3/4"	9	5/16"	65
2-1/2"	8	11/32"	62
1-1/4"	10-1/4	5/16"	194
1-1/2"	10-1/4	5/16"	165
1-1/4"	11	9/32"	240
1-1/2"	11	9/32"	200

Shank available: ● Smooth ● Barbed

Finish available: ● Bright ● E.G. ● H.D.G.

FINISH NAIL

For use with both trim and finish carpentry work, small diameter and cupped heads for help with concealing the nails in finished wood projects



Size		Gauge	Head Size	Approx. Counts per Pound.
1"	2D	16-1/2	0.086"	1,473
1-1/4"	3D	15-1/2	0.099"	880
1-1/2"	4D	15	0.1055"	630
1-3/4"	5D	15	0.1055"	535
2"	6D	13	0.135"	288
2-1/4"	7D	13	0.135"	254
2-1/2"	8D	12-1/2	0.142"	196
3"	10D	11-1/2	0.155"	124
3-1/4"	12D	11-1/2	0.155"	113
3-1/2"	16D	11	0.162"	93
4"	20D	10	0.177"	65

Shank available: ● Smooth

Finish available: ● Bright ● E.G. ● H.D.G.

CASING NAIL

For use with trim and casing projects around windows and doors



Size		Gauge	Head Size	Approx. Counts per Pound.
2-1/2"	8D	11-1/2	0.155"	147
3-1/4"	12D	10-1/2	0.17"	88
3-1/2"	16D	10	0.177"	74

Shank available: ● Smooth

Finish available: ● Bright ● E.G. ● H.D.G.



TRIM NAIL

For attaching hardwood mouldings.
Tempered hardened steel



Size	Gauge	Head Size	Approx. Counts per Pound.
1"	15	7/64"	1,099
1-1/4"	15	7/64"	869
1-1/2"	15	7/64"	694
2"	15	7/64"	437
2-1/2"	13-1/2	1/8"	351

Shank available: ● Smooth

Finish available: ● Bright ● E.G. ● H.D.G.

UNDERLAYMENT NAIL

For use with attaching plywood
& composite underlayment to
existing wood flooring and floor
joists.



Size	Gauge	Head Size	Approx. Counts per Pound.
1"	12-1/2	1/4"	624
1-1/4"	12-1/2	1/4"	345
1-3/8"	12-1/2	1/4"	315
1-1/2"	12-1/2	1/4"	290
1-5/8"	12-1/2	1/4"	270
1-3/4"	12-1/2	1/4"	250
1-7/8"	12-1/2	1/4"	216
2"	12-1/2	1/4"	204
2-1/8"	12	17/64"	171
2-1/4"	12	17/64"	182
2-1/2"	12	17/64"	117
2-3/8"	11-1/2	19/64"	141

Shank available: ● Ring

Finish available: ● Bright ● E.G.

STUB MASONRY NAIL

Larger head Smooth Masonry
Nail, used for fastening electrical
boxes, pipe conduit, wire mesh
to masonry walls.



Size	Gauge	Head Size	Approx. Count per Pound.
3/8"	9	3/8"	391
1/2"	9	3/8"	335
5/8"	9	3/8"	279
3/4"	9	3/8"	248
1"	9	3/8"	186
2-1/2"	9	3/8"	78

Finish available: Tempered Hardened Steel.

CUT FLOORING NAIL

For securing hardwood strip flooring to subfloor.
Tempered hardened steel.



Size		Approx. Counts per Pound.
1-1/2"	4D	165
2"	6D	104
2-1/4"	7D	88
2-1/2"	8D	78
3"	10D	53
3-1/2"	16D	35

Finish available: ● Bright Heat-treatment
● Phosphated Heat-treatment

FLOORING NAIL

For securing hardwood strip flooring to subfloor.



Size		Gauge	Head Size	Approx. Counts per Pound.
1-1/2"	4D	14	5/32"	370
2"	6D	11-1/2	13/64"	180
2-1/4"	7D	11-1/2	13/64"	160
2-1/2"	8D	11-1/2	13/64"	110
3"	10D	11-1/2	1/4"	82
3-1/2"	16D	9	9/32"	58

Shank available: ● Spiral
Finish available: ● Bright
Type: ● Temper Hardened Steel



MASONRY NAIL

For attaching furring strips and floor plates.



Size	Gauge	Head Size	Approx. Counts per Pound.
3/8"	9	11/32"	420
1/2"	9	11/32"	355
5/8"	9	11/32"	279
3/4"	9	11/32"	248
1"	9	11/32"	186
1-1/4"	9	11/32"	152
1-1/2"	9	11/32"	128
1-3/4"	9	11/32"	112
2"	9	11/32"	98
2-1/4"	9	11/32"	84
2-1/2"	9	11/32"	78
2-3/4"	9	11/32"	56
3"	9	11/32"	78
3-1/4"	9	11/32"	60
3-1/2"	8	11/32"	48
3-3/4"	8	3/8"	45
4"	7	3/8"	35

Shank available: ● Fluted shank

Finish available: ● Tempered Hardened

CUT MASONRY NAIL

For attaching furring strips and floor plates to uncured concrete. Blunt point and tapered shank.



Size		Approx. Counts per Pound.
1-1/4"	3D	115
1-1/2"	4D	125
2"	6D	85
2-1/4"	7D	78
2-1/2"	8D	64
3"	10D	48
3-1/4"	12D	32
3-1/2"	16D	34
4"	20D	29

Shank available: ● Tapered

Finish available: ● Tempered Hardened

CONCRETE NAIL

Used on concrete wall



Size	Gauge	Head Size	Approx. Counts per Pound.
1/2"	9	3/8"	335
5/8"	9	3/8"	279
3/4"	9	3/8"	248
1"	9	3/8"	186
1-1/4"	9	3/8"	152
1-1/2"	9	3/8"	128
1-3/4"	9	3/8"	112
2"	9	3/8"	98
2-1/2"	9	3/8"	78
3"	8	13/32"	52

METAL ROUND CAP MASONRY NAIL

For attaching foam insulation to exterior surfaces.



Size	Gauge	Head Size	Approx. Counts per Pound.
7/8"	8	1"	117
1"	8	1"	104
1-1/4"	8	1"	83
1-1/2"	8	1"	70
1-3/4"	8	1"	61
2"	8	1"	52
2-1/2"	8	1"	41
3"	8	1"	34
4"	8	1"	11

Shank available: ● Fluted shank

Finish available: ● Tempered hardened



SHAKE NAIL

For Cedar shaking applications



Size		Gauge	Head Size	Approx. Counts per Pound.
1-3/4"	5D	14	5/32"	404
2"	6D	14	5/32"	354
2-1/2"	8D	14	5/32"	294

Shank available: ● Smooth ● Ring

Finish available: ● H.D.G.

SPIKE NAIL

Used to secure landscaping timbers



Size	Diameter	Head Size	Approx. Counts per Pound.
7"	5/16"	5/8"	7
8"	3/8"	3/4"	4
10"	3/8"	3/4"	3
12"	3/8"	3/4"	2.5
14"	3/8"	3/4"	2

Shank available: ● Smooth ● Ring ● Spiral

Finish available: ● Bright ● H.D.G.

GUTTER SPIKE

For securing gutters



Size	Diameter	Head Size	Approx. Counts per Pound.
7"	3/16"	7/16"	16
8"	3/16"	7/16"	14

Shank available: ● Smooth ● Ring

Finish available: ● Painted ● E.G. ● H.D.G.

FURRING NAIL

For attaching stucco wire mesh



Size	Gauge	Head Size	Approx. Counts per Pound.
1-1/2"	11	3/8"	263
1-3/4"	11	3/8"	197
1-1/2"	12	3/8"	263
1-3/4"	12	3/8"	197

Shank available: ● Smooth

Finish available: ● E.G.

Type: ● With wads ● Without wads

PANEL BOARD NAIL

For attaching panel board to wood furring. Tempered hardened steel



Size	Gauge	Head Size	Approx. Counts per Pound.
1"	16-1/2"	0.101"	887
1-5/8"	16-1/2"	0.101"	544

Shank available: ● Ring



EG ROOFING NAIL

For applying roofing asphalt shingles, insulation board.



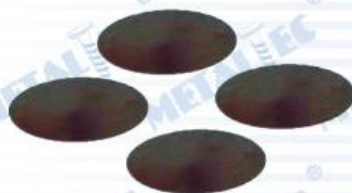
Size	Gauge	Head Size	Approx. Counts per Pound.
1/2"	11	7/16"	528
5/8"	11	7/16"	436
3/4"	11	7/16"	348
7/8"	11	7/16"	306
1"	11	7/16"	272
1-1/4"	11	7/16"	218
1-1/2"	11	7/16"	186
1-3/4"	11	7/16"	152
2"	11	7/16"	144
2-1/2"	11	7/16"	114
3"	11	7/16"	92
3-1/2"	11	7/16"	89
4"	11	7/16"	78

Shank available: ●Smooth ●Barbed ●Ring

Finish available: ●E.G. ●H.D.G.

TIN CAP

To create large surface area



Diameter	Approx. Counts per Pound.
1-5/8"	250
2"	150

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PLASTIC CAP NAIL

For attaching felt



Size	Gauge	Head Size	Approx. Counts per Pound.
3/4"	12	1"	286
7/8"	12	1"	275
1"	12	1"	250
1-1/4"	12	1"	212
1-1/2"	12	1"	185
1-3/4"	12	1"	168
2"	12	1"	153
2-1/2"	11	1"	133
3"	11	1"	117

Shank available: ●Ring

Finish available: ●E.G.

Plastic cap colors can be made upon request

METAL CAP NAIL

For applying roofing asphalt shingles.



Size	Gauge	Head Size	Approx. Counts per Pound.
3/4"	12	1"	90
7/8"	12	1"	88
1"	12	1"	85
1-1/4"	12	1"	81
1-1/2"	12	1"	77
1-3/4"	12	1"	67
2"	12	1"	63
2-1/2"	11	1"	57
3"	11	1"	53
3-1/2"	9	1"	49
4"	9	1"	44

Shank available: ●Ring

Finish available: ●Bright ●H.D.G.

Head Type: ●Round Cap ●Square Cap

ROOFING NAIL WITH NEOPRENE WASHER

For applying roofing asphalt shingles, insulation board.



Size	Gauge	Head Size	Approx. Counts per Pound.
1-1/2"	10	3/8"	118
1-3/4"	10	3/8"	107
2"	10	3/8"	96
2-1/2"	10	3/8"	80
3"	10	3/8"	66
3-1/2"	9	3/8"	50

Shank available: ●Smooth ●Barbed ●Ring

Finish available: ●E.G. ●H.D.G.



UMBRELLA HEAD ROOFING NAILS

For attaching roofing felt



Sizes:

BWG	8X2	2-1/2"	3	BWG	9X2	2-1/2"	3
BWG	10X2	2-1/2"		BWG	11X2	2-1/2"	3

Shank available: ● Smooth ● Spiral

Finish available: ● E.G. ● H.D.G.

SHINGLE NAIL

For attaching thin sidewall shingles.



Size		Gauge	Head Size	Approx. Counts per Pound.
1-1/4"	3D	13	19/64"	425
1-3/8"	3-1/2D	12-1/2	9/32"	345
1-1/2"	4D	12	9/32"	271

Shank available: ● Smooth

Finish available: ● E.G. ● H.D.G.



PLASTER BOARD NAIL

For wallboard and composition plasterboard



Size	Gauge	Head Size	Approx. Counts per Pound.
1-1/8"	13	19/64"	440
1-1/4"	13	19/64"	415
1-1/2"	13	19/64"	307

Shank available: ● Smooth

Finish available: ● E.G. ● H.D.G. ● Vinyl-Coated ● Blued

LATH NAIL

For attaching lathing material



Size		Gauge	Head Size	Approx. Counts per Pound.
1"	2D	16-1/2"	9/64"	1280
1-1/8"	3D	16	9/32"	984
1-1/2"	4D	14	7/32"	442

Shank available: ● Smooth

Finish available: ● Vinyl-Coated ● Blued

TILE NAIL

For use attaching both clay and spanish style tiles to roof substrates.



Size	Gauge	Head Size	Approx. Counts per Pound.
4"	9	15/32"	50
4-1/2"	9	15/32"	45
5"	9	15/32"	38
5-1/2"	8	15/32"	36
6"	8	15/32"	32
8"	8	15/32"	28

Shank available: ● Smooth

Finish available: ● E.G. ● H.D.G.

PALLET NAIL

For pallet construction



Size	Gauge	Head Size	Approx. Counts per Pound.
1-1/2"	11	9/32"	188
1-5/8"	11	9/32"	180
1-3/4"	11	9/32"	170
2"	11	9/32"	144
2-1/4"	11	9/32"	129
2-1/2"	11	9/32"	117
3"	11	9/32"	105
1-1/2"	11-1/2	9/32"	211
1-5/8"	11-1/2	9/32"	203
1-3/4"	11-1/2	9/32"	193
2"	11-1/2	9/32"	163
2-1/4"	11-1/2	9/32"	146
2-1/2"	11-1/2	9/32"	133
1-1/2"	12	1/4"	260
1-5/8"	12	1/4"	244
1-3/4"	12	1/4"	235
2"	12	1/4"	211
2-1/4"	12	1/4"	185
2-1/2"	12	1/4"	171

Shank available: ● Ring ● Spiral

Finish available: ● E.G.

Points: ● No Point ● Blunt Point

Type: ● Stiff Stock ● Tempered Hardened Steel

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SHOE TACKS

For Shoe making and repair



Specification: 10 to 25mm.

Characteristics: Flat head, square cone shank, diamond point and blue treatment surface.

Application: Repairing various shoes leather, farm tools, soft furnitures and etc. shoe tacks:

VARIETIES	SPECIFICATIONS (INCH)
BLUE-FINISHED	3/8,7/16,1/2,5/8,3/4,7/8,1
WHITE	3/8,7/16,1/2,5/8,3/4,1
HEAVY HEAD	1/2,5/8,3/4,1

SQUARE BOAT NAILS

Mainly for ship building and other consumption

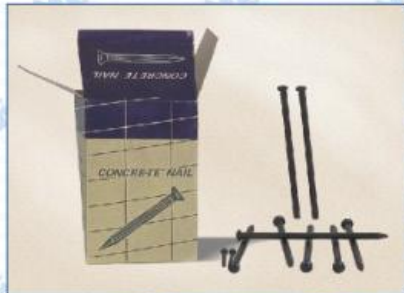


LENGTH	GAUGE NO.	LENGTH	GAUGE NO.
1"	14 BWG	2"	12 BWG
	15 BWG	2-1/2"	10 BWG
	16 BWG	3"	8 BWG
1-1/4"	14 BWG	3-1/2"	7 BWG
1-1/2"	13 BWG	4"	6 BWG
	14 BWG	5"	5 BWG
1-3/4"	13 BWG	6"	4 BWG

Use: For ship building and other consumption.

Packing: Loose in carton of 20Kgs or 50/LBS
As per buyers option.

STEEL FIXING PINS



SIZES (MM)	APPROX.NUMBER PER (KG)	SIZES (MM)	APPROX.NUMBER PER (KG)
16X2	2750	45X3	392
20X2	1870	50X3	349
25X2	1560	60X3	296
30X2	1290	70X3	255
40X2	983	50X3.5	267
25X2.5	996	60X3.5	214
30X2.5	839	70X3.5	184
35X2.5	706	80X3.5	167
40X2.5	632	60X4.2	151
45X2.5	563	75X4.2	130
50X2.5	509	80X4.2	115
60X2.5	426	90X4.2	101
30X3	580	100X4.2	92
40X3	432		

Specifications:

- Oval round head, smooth shank, needle point, blue or black finish.
- Flat with countersunk head, smooth shank, diamond point, blue or black finish.

Packing:

- In small box of 100pcs each, 10 such boxes in a medium box, then several of which in a carton.
- In small box of 1kg each, 20 boxes in a carton.
- Loose in carton of 20 / 25kgs net.

Uses:

For concrete walls, stone and masonry structure and other building construction purpose.

DRYWALL NAIL

For use attaching gypsum board to wood studs, long diamond points help reduce cracking the wallboard.



Size	Gauge	Head Size	Approx. Counts per Pound.
1-3/8"	13	19/64"	320
1-3/8"	13-1/2	9/32"	360
1-3/8"	14	1/4"	508
1-1/2"	13	19/64"	295
1-5/8"	13	19/64"	270
1-7/8"	13	19/64"	279
1-3/4"	13	19/64"	298
2"	13	19/64"	242
2-1/8"	13	19/64"	230
2-3/8"	11-1/2	3/8"	148

Shank available: ● Smooth ● Ring

Finish available: ● Bright ● Vinyl-coated ● PC ● Blued ● E.G. ● H.D.G

Head Type: ● Flat Head ● Cupped Head

PATIO/DECK NAIL

For Patio and deck construction



Size		Gauge	Head Size	Approx. Counts per Pound.
2"	6D	11	9/32"	138
2-1/2"	8D	11	9/32"	106
3"	10D	10	9/32"	76
3-1/4"	12D	10	9/32"	73
3-1/2"	16D	9	5/16"	52
4"	20D	7	3/8"	32
4-1/2"	30D	7	3/8"	28
5"	40D	7	3/8"	26
6"	60D	5	7/16"	17

Shank available: ● Ring ● Spiral

Finish available: ● H.D.G.



0/90° PLASTIC SHEET COIL NAILS

Main tool: Duo-fast RCN-70,
60 Paslode 4250-63CP and
other compatible tools.



Size	Box Count	Pallet
0.092"×1-3/4", 1-7/8"	9,000 PCS	35 CTNS
0.092"×1-7/8"	12,000 PCS	28 CTNS
0.092"×2"	7,200 PCS	30 CTNS
0.099"×2-1/4"	7,200 PCS	30 CTNS
0.099"×2-1/4"	9,000 PCS	35 CTNS
0.086"×1-3/4"	9,000 PCS	35 CTNS
0.099"×1-7/8"	9,000 PCS	35 CTNS

Other sizes are available upon request

Box count, labels may be changeable subject to customer's requirement.

Above nails are available in the following coatings

- Bright(Vinyl coated)
- Bright Shiny E.G.
- E.G.
- Dacrotized
- Hot Dip
- Yellow zinc chromated
- Stainless Steel 304, 316 available

15° ROUND HEAD INSERTED PLASTIC SHEET COIL NAILS

Main tool: Bostitch N63CP,
Hitachi NV65AH Max CN565,
890S, SENCO SCN55S and
other compatible tools.



Size	Box Count	Pallet
0.092"×1-3/8"	14,000 PCS	24 CTNS
0.092"×2"	6,000 PCS	35 CTNS
0.092"×2-1/4"	4,800 PCS	30 CTNS
0.092"×2-1/4"	7,200 PCS	30 CTNS
0.087"×1-3/4"	6,000 PCS	35 CTNS

Other sizes are available upon request

Box count, labels may be changeable subject to customer's requirement.

Above nails are available in the following coatings

- Bright(Vinyl coated)
- Bright Shiny E.G.
- E.G.
- Dacrotized
- Hot Dip
- Yellow zinc chromated
- Stainless Steel 304, 316 available

15° & 10° WIRE WELD COIL PALLET / FRAMING NAILS

Main tool: Bostitch N70, 80CB,
Hitachi NV83A, SENCO SCN300,
Max CN70, 80
Other compatible tools.



Size	Box Count	Pallet
0.099"×1-1/2", 1-3/4", 2", 2-1/4", 2-3/8", 2-1/2"	9,000 PCS	35 CTNS 72 CTNS
0.099"×1-1/2", 1-3/4", 2", 2-1/4", 2-3/8", 2-1/2"	3,000 PCS	
0.099"×1-1/2", 1-3/4", 2", 2-1/4", 2-3/8", 2-1/2"	3,600 PCS	
0.105"×2", 2-1/4"	7,500 PCS	35 CTNS
0.113"×2", 2-1/4", 2-3/8", 2-1/2", 3"	4,500 PCS	48 CTNS
0.113"×2", 2-1/4", 2-3/8", 2-1/2", 3"	3,000 PCS	72 CTNS
0.120"×2-1/2", 3", 3-1/4", 3-1/2"	2,500 PCS	48 CTNS
0.120"×2-1/2", 3", 3-1/4", 3-1/2"	4,500 PCS	72 CTNS
0.131"×2-1/2", 3", 3-1/4", 3-1/2"	2,000 PCS	48 CTNS
0.131"×2-1/2", 3", 3-1/4", 3-1/2"	4,500 PCS	42 CTNS
0.148"×1-1/2"	5,000 PCS	
0.148"×2-1/8", 2-1/4", 2-3/8", 3", 3-1/4"	4,000 PCS	42 CTNS
0.148"×2-1/8", 2-1/4", 2-3/8", 3", 3-1/4"	5,000 PCS	42 CTNS
0.162"×3-1/4", 3-1/2"	4,000 PCS	30 CTNS

24 pallets / 20Ft container Box count, labels may be changeable
subject to customer's requirements.

All Products are available in the following coatings.

- Bright (Vinyl coated)
- Bright shiny E.G.
- E.G.
- Dacrotized
- Hot Dip
- Yellow zinc chromated
- Stainless Steel 304, 316 available

15° WIRE WELD NAILS

Main tool: Bostitch N63CP,
Hitachi NV50A, NV65AH,
SENCO SCN55S, STAN
TECH SDCN14

Other compatible tools.



Size	Box Count	Pallet
0.080"×1", 1-1/4", 1-1/2", 1-3/4"	12,000 PCS	42 CTNS
0.080"×1", 1-1/4", 1-1/2", 1-3/4"	14,000/16,000PCS	42 CTNS
0.086"×1-1/4", 1-1/2", 1-3/4", 2", 2-1/4"	12,000 PCS	42 CTNS
0.092"×2", 2-3/16", 2-1/4", 2-1/2"	9,000 PCS	35 CTNS
0.092"×2", 2-3/16", 2-1/4", 2-1/2"	10,500 PCS	35 CTNS

All Products are available in the following coatings.

- Bright (Vinyl coated)
- Bright shiny E.G.
- E.G.
- Dacrotized
- Hot Dip
- Yellow zinc chromated
- Stainless Steel 304, 316 available

EG COIL ROOFING NAILS

Roofing Shingles and Vinyl Siding for Roofing Shingles and Vinyl Siding.



Size	Shank Style	Quantity
3/4"	Smooth	7.2M Carton
7/8"	Smooth	7.2M Carton
1"	Smooth	7.2M Carton
1-1/4"	Smooth	7.2M Carton
1-1/4"	Smooth	3.84M Carton
1-1/2"	Smooth	7.2M Carton
1-3/4"	Smooth	7.2M Carton
2"	Smooth	7.2M Carton
1-1/4"	Ring	7.2M Carton
1-1/2"	Ring	7.2M Carton

Metaltec coil roofing nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	RN45B, RN46, N12, N12-40
PASLODE	3175/44RCU
DUO-FAST	DRN-45
EZ FASTEN	CRN45AA
SENCO	SCN 200R, SCN40R
HITACHI	NV 45AB, NV45AC

15° WIRE COIL NAILS



Wire Shank	Length
2.1mm(0.083")	25 ~ 50mm(1" ~ 2")
2.3mm(0.090")	25 ~ 57mm(1" ~ 2-1/4")
2.5mm(0.099")	45 ~ 64mm(1-3/4" ~ 2-1/2")
2.87mm(0.113")	50 ~ 75mm(2" ~ 3")
3.05mm(0.120")	50 ~ 90mm(2" ~ 3-1/2")
3.33mm(0.131")	50 ~ 95mm(2" ~ 3-3/4")

Shank available: ● Smooth ● Ring ● Spiral ● Ardox

Finish available: ● Bright ● Cement coated ● E.G. ● H.D.G.

Metaltec coil nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	N80CB, N86C, N100CPP, N70C, N64CP, N100C
PASLODE	F275C, P275C, 4275/CN70, F325C, P350C, 5325/CN80, 4250/65CP
EZ FASTEN	CN90, CN70AA, CN70HD
SENCO	SCN 300, SCN 60, SCN 65
HITACHI	NV83A, NV65AB, NV65AC, NV75AG, NV65AH

28° WIRE WELD COLLATION CLIPPED HEAD NAILS

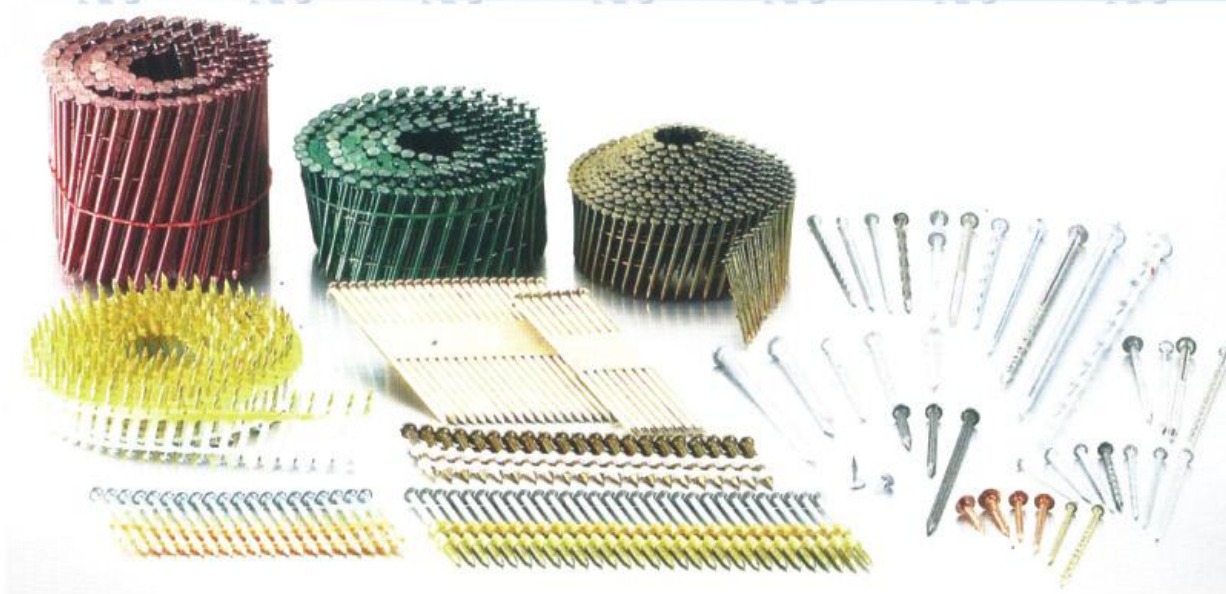
Main tool: Bostitch N 80SB,
N 70S, N 86S, N 100S, and
other compatible tools.



Size	Box Count	Pallet
0.113"×2"	2,500 PCS	144 CTNS
0.113"×2"	5,000 PCS	60 CTNS
0.113"×2-3/8"	2,500 PCS	144 CTNS
0.113"×2-3/8"	5,000 PCS	60 CTNS
0.113"×2-1/2"	2,500 PCS	144 CTNS
0.113"×2-1/2"	5,000 PCS	60 CTNS
0.120"×3", 3-1/4"	2,000 PCS	96 CTNS
0.130"×3", 3-1/4", 3-1/2"	2,000 PCS	96 CTNS
Other size		

Box count, labels may be changeable subject to customer's requirements. All Products are available in the following coatings.

- Bright(Vinyl coated)
- Bright shiny E.G.
- E.G.
- Dacrotized
- Hot Dip(case by case)
- Yellow zinc chromated
- Stainless Steel 304, 316 available



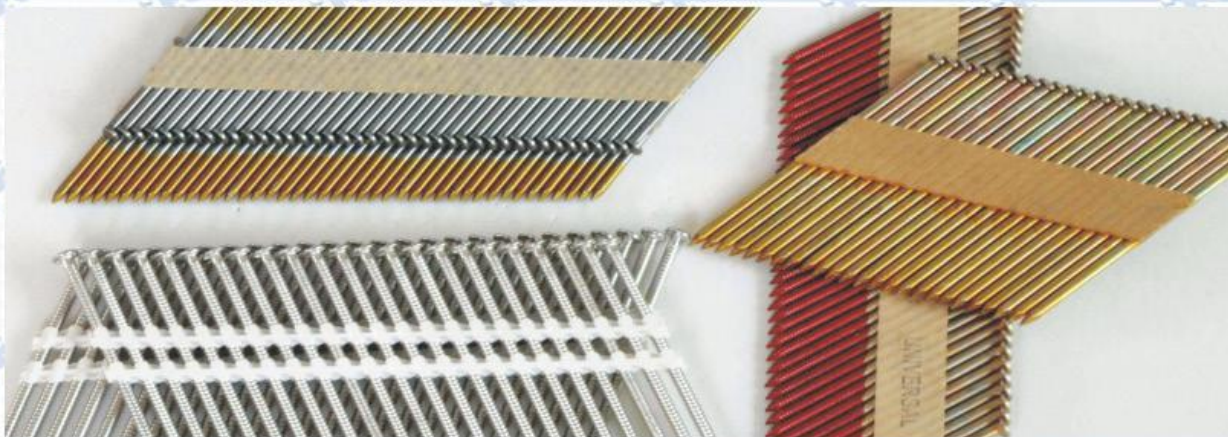
21° ROUND HEAD PLASTIC COLLATED NAILS



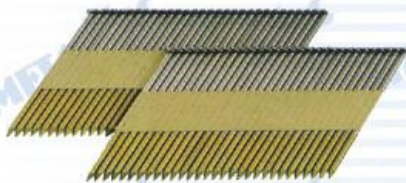
Size	Shank Style	Nail Type	Quantity
2"X.113	Smooth	Common	5M Carton
2"X.113	Smooth	Common	2.5M Carton
2-3/8"X.113	Smooth	Cooler	5M Carton
2-3/8"X.113	Smooth	Cooler	2.5M Carton
2-1/2"X.131	Smooth	Common	5M Carton
3"X.120	Smooth	Framer	4M Carton
3"X.120	Smooth	Framer	2M Carton
3"X.131	Smooth	Framer	4M Carton
3-1/4"X.120	Smooth	Box	4M Carton
3-1/4"X.120	Smooth	Box	2M Carton
3-1/4"X.131	Smooth	Short	4M Carton
3-1/4"X.131	Smooth	Short	2M Carton
3-3/8"X.131	Smooth	Sinker	4M Carton
2"X.113	Ring	Common	5M Carton
2-3/8"X.113	Ring	Cooler	5M Carton
2-3/8"X.113	Ring	Cooler	2.5M Carton
3"X.120	Ring	Sinker	4M Carton
3"X.120	Ring	Sinker	2M Carton

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	N95RHN, N90RHN, KN85PP-1, N95-162, N79RH, N88RH
PASLODE	5325 SRH, 5350/SRN-20
DUO-FAST	CN350B, SNP 83, CN325B, NSP-350F, CN350, CN137
EZ FASTEN	SN9021
SENCO	SN60, SN65, SN65C,
HITACHI	NR83A, NR90AC, NR90AC2, NR83A2



33° CLIPPED HEAD PAPER COLLATED NAIL



Size	Shank Style	Nail Type	Quantity
2"X.113	Smooth	Cooler	2.5M Carton
2-3/8"X.113	Smooth	Cooler	2.5M Carton
3"X.120	Smooth	Sinker	2M Carton
3"X.131	Smooth	Framer	2M Carton
3-1/4"X.131	Smooth	Short	2M Carton
3-1/2"X.131	Smooth	Box	2M Carton
2"X.113	Ring	Cooler	2.5M Carton
2-3/8"X.113	Ring	Cooler	2.5M Carton
3"X.120	Ring	Sinker	2M Carton
3-1/4"X.120	Ring	Box	2M Carton

Shank available: ●Smooth ●Ring ●Spiral ●Ardox

Finish available: ●Bright ●Cement coated ●E.G. ●H.D.G.

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	N90PT, N79PT
PASLODE	IMPULSE350, IMPULSE300, F3505, 5350, SK312, IMCT,
EZ FASTEN	SN9034
SENCO	SN2, SN2+, SN3, SN325+, SN4, SN70, FRAMEPRO 600XL,
HITACHI	NR83AA, NR83AA2, NR90AA, NR90AD

PAPER STRIP NAIL

28



Size
0.131"×1-1/2"
0.131"×2-1/2"
0.148"×1-1/2"
0.148"×2-1/2"
0.162"×2-1/2"

Main tool: Paslode 5250/65S PP and other compatible tools.

General use for joist hangers.

Nail Capacity: 20-24(1 strip).

Size, lable, Packing may be changeable upon request. Above products are available in the following coatings.

- Bright
- E.G.
- Heat-treated
- Hardened Steel

WIDE CROWN STAPLES



Crown	Leg	Gauge	Quantity
1"	3/4"	16	10M Carton
1"	7/8"	16	10M Carton
1"	1"	16	10M Carton
1"	1-1/4"	16	10M Carton
1"	1-1/2"	16	10M Carton
1"	1-3/4"	16	10M Carton
1"	2"	16	10M Carton
15/16"	3/4"	16	10M Carton
15/16"	7/8"	16	10M Carton
15/16"	1"	16	10M Carton
15/16"	1-1/4"	16	10M Carton
15/16"	1-1/2"	16	10M Carton
15/16"	1-3/4"	16	10M Carton
15/16"	2"	16	10M Carton

16G 1" wide crown staple

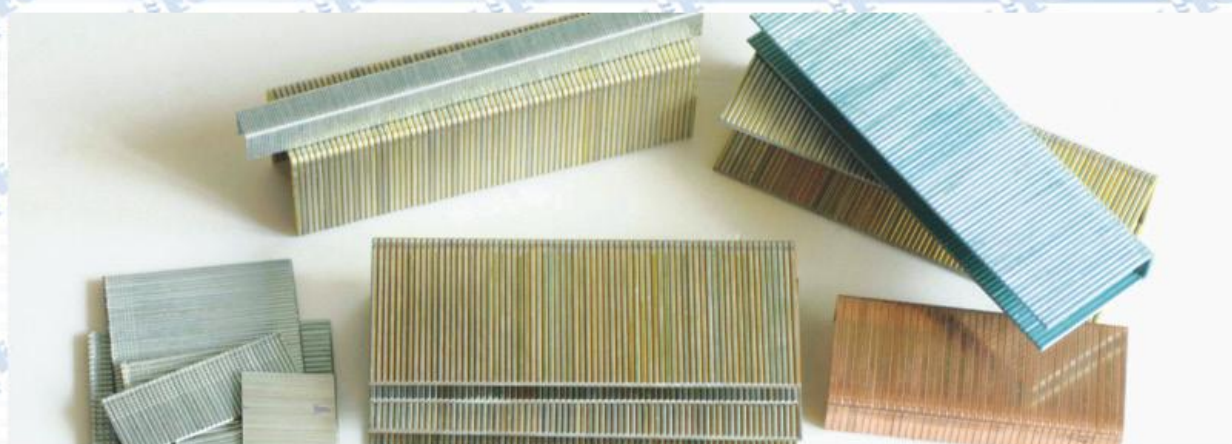
Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
DUO-FAST	KW 1748, RNS-17481, KWR 1748RS 1748
HITACHI	N 3824A
SENCO	WP38, WP38ROOFING
GREX	2638

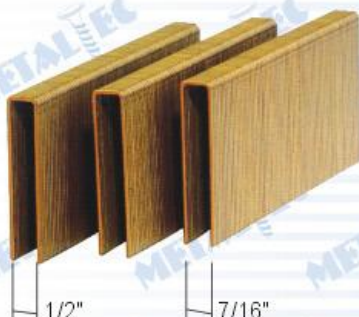
16G 15/16" wide crown staple

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
FASCO	R3 PSW-38CT
PASLODE	3200-W16, 3150-W16R, MU112-W16R



MEDIUM CROWN STAPLES



Crown	Leg	Gauge	Quantity
1/2"	1"	16	10M Carton
1/2"	1-1/4"	16	10M Carton
1/2"	1-1/2"	16	10M Carton
1/2"	1-3/4"	16	10M Carton
1/2"	2"	16	10M Carton
7/16"	1"	16	10M Carton
7/16"	1-1/4"	16	10M Carton
7/16"	1-1/2"	16	10M Carton
7/16"	1-3/4"	16	10M Carton
7/16"	2"	16	10M Carton

16G 1/2" medium crown staple

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	T40S4, T50S4, T36-50, T36-1, 538S4, 438S4, 650S4
FASCO	R4P HD-50CT TL

16G 7/16" medium crown staple

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
EZ FASTEN	MS 16/50, MS16/50A, MS16/50H, MS16/64A, MS16/64, MS16/64H
HITACHI	N 5008ACN, N 5008AB, N5008AA, N 5008AI
SENCO	M1, M2 50, SKSN, SNS 45, SNS50, SNS 40



NARROW CROWN STAPLES



Crown	Leg	Gauge	Quantity
1/4"	3/4"	18	16M Carton
1/4"	7/8"	18	12M Carton
1/4"	1"	18	12M Carton
1/4"	1-1/8"	18	10M Carton
1/4"	1-1/4"	18	10M Carton
1/4"	1-1/2"	18	10M Carton
7/32"	1/2"	18	10M Carton
7/32"	3/4"	18	10M Carton
7/32"	7/8"	18	8M Carton
7/32"	1"	18	8M Carton
7/32"	1-1/8"	18	8M Carton
7/32"	1-3/16"	18	8M Carton
7/32"	1-1/4"	18	6M Carton
7/32"	1-3/8"	18	6M Carton

18G 7/32" narrow crown staples

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	SB-150SX, SB2N1, SB150SX-HD, T35-15, T28-5

18G 1/4" narrow crown staples

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
DUO-FAST	KN1848A, KG1836, DNS1840
EZ FASTEN	90/25AC, 90/40AC, COMBI 40/50, NS90/40AC, 90/40F
SENCO	LN4450, KN4450, SLS25XP-L



16G BRADS

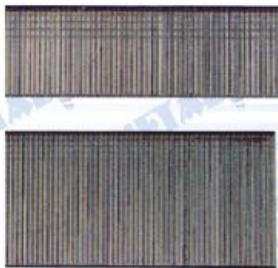


Size	Gauge	Box Quantity	Case Pack
3/4"	16	2.5M per Box	12 Boxes per Case
7/8"	16	2.5M per Box	12 Boxes per Case
1"	16	2.5M per Box	12 Boxes per Case
1-1/8"	16	2.5M per Box	12 Boxes per Case
1-1/4"	16	2.5M per Box	12 Boxes per Case
1-1/2"	16	2.5M per Box	12 Boxes per Case
1-3/4"	16	2.5M per Box	12 Boxes per Case
2"	16	2.5M per Box	12 Boxes per Case
2-1/4"	16	2.5M per Box	12 Boxes per Case
2-1/2"	16	2.5M per Box	12 Boxes per Case

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	T36, T35, T35-40, SB-1664FN
PASLODE	3250-F16, T215-F16, MU-112B, F16200, IM250, IM250II, 3200-F16
DUO-FAST	BFN-740, LFN748, LFN764A
EZ FASTEN	F16/50R, BN16/50AC, BN16/64AC, F16/50AC
SENCO	AIRFREE 32, FINISHPRO 32XP
HITACHI	NT 65A, NT65A2

18G BRADS



Size	Gauge	Box Quantity	Case Pack
5/8"	18	5M per Box	12 Boxes per Case
3/4"	18	5M per Box	12 Boxes per Case
1"	18	5M per Box	12 Boxes per Case
1-1/8"	18	5M per Box	12 Boxes per Case
1-3/16"	18	5M per Box	12 Boxes per Case
1-1/4"	18	5M per Box	12 Boxes per Case
1-1/2"	18	5M per Box	10 Boxes per Case
1-3/4"	18	5M per Box	10 Boxes per Case
2"	18	5M per Box	10 Boxes per Case

Metaltec nail are designed to fit the tools and models indicated

Manufacturer	Model
BOSTITCH	T29-30, BT31-1B, BT35B, BT50B, SB2N1, SB-1842BN, SB-1850BN
PASLODE	T125-F18, T200-F18, IM200-F18, 2138-F18II
DUO-FAST	BB 4440, DBN 4440
EZ FASTEN	COMBI 40/50, F18/50AC, F18/57R, F18/30AC, F18/32AC
SENCO	FINISHPRO 15XP, FINISHPRO 18P, SDN 18BR
HITACHI	NT32AE, NT45A, NT50AD

SCREW INFORMATION

MAIN PRODUCTS:

Self tapping screws, chipboard screws, particle board screws, machine screw set screws, wood screws, drywall screws, self drilling screws. Handle screw euro screws, furniture (connecting) screws, concrete screws, dowel screw, window screw.

STANDARDS:

ISO, DIN, ANSI (IFI), BSW, UNC, JIS, GB AND, PER, DRAWINGS

MATERIAL:

Carbon steel (C1018, C1022), alloy steel, brass, stainless steel (A2, A4).

SURFACE FINISHINGS:

- | | |
|-------------------------|---------------------------|
| 1. Yellow Zinc (YZ) | 9. Chrome (CH) |
| 2. White Zinc (ZP) | 10. Black Zinc (BZ) |
| 3. Nickel (NPL) | 11. Plain (PL) |
| 4. Brass (BP) | 12. Waxed (WX) |
| 5. Antique Brass (AB) | 13. Hot Galvanized (HG) |
| 6. Black Oxide (OX) | 14. Ruspert (RS) |
| 7. Black Phosphate (PH) | 15. Stainless Steel (S/S) |
| 8. Grey Phosphate (GP) | |



HEBEI MINMETALS FOR ALL YOUR FASTENING NEEDS!

Hebei MINMETALS owns all kinds of packing for customer to choose

- Various DIY package
- 1LB box / plastic box
- 5LB box / plastic box
- 25LB carton / pail

Also, our package is according to customer's requirement. There are various colours for HEBEI MINMETALS's package. yellow, green, blue, red, orange, purple, grey, gold, silver



SCREW INTRODUCTION



POZIDRIVE



PHILLIPS



TORX



SQUARE



NUT SETTINGS



HEAD TYPE



CYLINDER



FLAT UNDERCUT



DOUBLE FLAT



DOUBLE PAN



TRUSS WASHER



ROUND WASHER



FLAT FILLISTER



OVAL FILLISTER



FLAT WINIBS



FRAME



SQUARE



BUGLE



WAFFER



CHEESE



BINDING



PAN



TRUSS



FLAT



OVAL



ROUND



HEXAGON



HEXAGON WASHER



PAN WASHER

DRIVE RECESS TYPES



SLOTTED



PHILLIPS & SQUARE COMBINATION



PHILLIPS RECESS



SQUARE SOCKET



HEXAGON SOCKET



INDENTED HEXAGON



PLANE HEXAGON



SLOTTED & SQUARE SOCKET



SLOTTED & PHILLIPS COMBINATION



DRIVER



TRIANGLE



H DRIVE



TXTAMPER RESISTANT



TORO-SET TRI-WING



POZI & SQUARE COMBINATION



POZI RECESS

THREADING TYPES



Type AB



Type A



Type B



Type BP



Type C



Type D or 1



S-POINT



TEKS POINT



Type F



Type G



Type T or 23



Type B



WING-POINT



HI-LOW



Type AT or 25



Type U



Type BG or H



Type BZ



Drill Point



TWIN-FAST



Type 17

**WE SUPPLY ALL KINDS OF CONSTRUCTION AND FURNITURE
SCREWS AND DIY PACKAGE IN MATERIAL, STEEL, STAINLESS
STEEL AND BRASS... ETC.**



Package



Roofing Screws



Painting Screws



Wood Screws



Special Screws



Furniture Screws



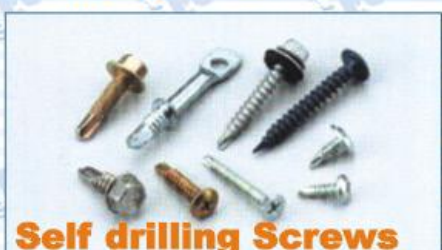
Chipboard Screws



Tapping Screws



Machine Screws

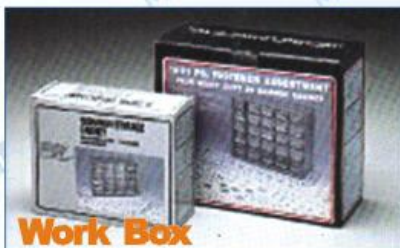


Self drilling Screws



Drywall Screws

PACKAGE FOR FASTENERS



Work Box



MU 910 Series



MU 920 Series



SQ P.P.Box Series



4 Box With Handle Package



MU 101 Series



Anchor Kit Package



Wire Products Package



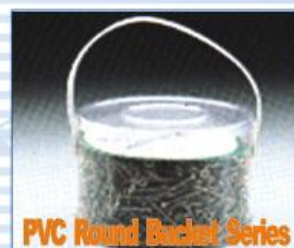
Pet SQ Bucket Series



Blister/Bag Package



Double Side Package



PVC Round Bucket Series



DIY Assortment Box



Drawer Box Package



3 Steps SQ Bucket

DRYWALL SCREWS

Fast fixing of plasterboard

Case hardened, piercing point screws for fixing to light steel or Wood studs without pre-drilling

Zinc, yellow zinc, black & grey phosphated available



BUGLE HEAD PHILLIPS
TWINFAST THREAD



BUGLE HEAD PHILLIPS
COARSE THREAD

SIZE

Carbon Steel(C1018, C1022 Hardened), Stainless Steel.

#6 x 5/8"	#6 x 2-1/4"	#7 x 5/8"	#7 x 2-1/4"	#8 x 3/4"	#8 x 2-3/8"	#10x1"	#10x2-3/8"	#10x3-3/4"	#10x5-1/4"
#6 x 3/4"	#6 x 2-3/8"	#7 x 3/4"	#7 x 2-3/8"	#8 x 1"	#8 x 2-1/2"	#10x1-1/8"	#10x2-1/2"	#10x4"	#10x5-3/8"
#6 x 1"	#6 x 2-1/2"	#7 x 1"	#7 x 2-1/2"	#8 x 1-1/8"	#8 x 2-5/8"	#10x1-1/4"	#10x2-5/8"	#10x4-1/8"	#10x5-1/2"
#6 x 1-1/4"		#7 x 1-1/4"	#7 x 2-5/8"	#8 x 1-1/4"	#8 x 2-3/4"	#10x1-3/8"	#10x2-3/4"	#10x4-1/4"	#10x5-5/8"
#6 x 1-3/8"		#7 x 1-3/8"	#7 x 2-3/4"	#8 x 1-3/8"	#8 x 3"	#10x1-1/2"	#10x3"	#10x4-3/8"	#10x5-3/4"
#6 x 1-1/2"		#7 x 1-1/2"	#7 x 3"	#8 x 1-1/2"	#8 x 3-1/8"	#10x1-5/8"	#10x3-1/8"	#10x4-1/2"	#10x6"
#6 x 1-5/8"		#7 x 1-5/8"		#8 x 1-5/8"	#8 x 3-1/4"	#10x1-3/4"	#10x3-1/4"	#10x4-5/8"	
#6 x 1-3/4"		#7 x 1-3/4"		#8 x 1-3/4"	#8 x 3-3/8"	#10x2"	#10x3-3/8"	#10x4-3/4"	
#6 x 2"		#7 x 2"		#8 x 2"	#8 x 3-1/2"	#10x2-1/8"	#10x3-1/2"	#10x5"	
#6 x 2-1/8"		#7 x 2-1/8"		#8 x 2-1/4"		#10x2-1/4"	#10x3-5/8"	#10x5-1/8"	

BUGLE HEAD- PHILLIPS TWINFAST THREAD

Normal Diameter		3.5mm	3.9mm	4.2mm	4.8mm
Normal Size		#6	#7	#8	#10
Thread Diameter	Min	3.40	3.75	4.05	4.70
	Max	3.60	4.00	4.30	4.95
Head Diameter	Min	8.00	8.00	8.00	8.80
	Max	8.40	8.40	8.40	9.20
Pitch	0.1	1.49	1.59	1.69	2.12
Head Height	Max	6	6	6	6
Radius	Min	4	4	4	4
	Max	5	5	5	5
Recess No .		2	2	2	2
Recess Width	Min	4.5	4.5	4.5	4.85
	Max	5.1	5.1	5.1	5.1
Recess Depth	Min	2.38	2.38	2.38	2.50
	Max	2.93	2.93	2.93	3.18

BUGLE HEAD PHILLIPS COARSE THREAD

Normal Diameter		3.5mm	3.9mm	4.2mm	4.8mm
Normal Size		#6	#7	#8	#10
Thread Diameter	Min	3.65	3.90	4.35	4.90
	Max	4.00	4.30	4.75	5.35
Head Diameter	Min	8.00	8.00	8.00	8.80
	Max	8.40	8.40	8.40	9.20
Pitch	0.1	2.82	2.82	2.82	3.18
Head Height	Max	6	6	6	6
Radius	Min	4	4	4	4
	Max	5	5	5	5
Recess No .		2	2	2	3
Recess Width	Min	4.5	4.5	4.5	4.85
	Max	5.1	5.1	5.1	5.18
Recess Depth	Min	2.38	2.38	2.38	2.50
	Max	2.93	2.93	2.93	3.18

CHIPBOARD SCREWS

Heat treated case hardened to prevent snapping
40 degree thread angle, 25 degree point angle
Zinc, yellow zinc, brass or black oxide available



COUNTER SUNK HEAD
POZI RECESS



PAN HEAD
POZI RECESS

SIZE

3.0x10	3.5x12	4.0x12	4.5x20	5.0x20	6.0x20	6.0x110
3.0x12	3.5x13	4.0x14	4.5x25	5.0x25	6.0x25	6.0x120
3.0x14	3.5x14	4.0x16	4.5x30	5.0x30	6.0x30	6.0x130
3.0x16	3.5x15	4.0x20	4.5x35	5.0x35	6.0x35	6.0x140
3.0x18	3.5x16	4.0x25	4.5x40	5.0x40	6.0x40	6.0x150
3.0x20	3.5x20	4.0x30	4.5x45	5.0x45	6.0x45	6.0x160
3.0x25	3.5x25	4.0x35	4.5x50	5.0x50	6.0x50	6.0x180
3.0x30	3.5x30	4.0x40	4.5x60	5.0x60	6.0x60	6.0x200
3.0x35	3.5x35	4.0x45	4.5x70	5.0x70	6.0x70	
3.0x40	3.5x40	4.0x50		5.0x80	6.0x80	
	3.5x45	4.0x60		5.0x90	6.0x90	
	3.5x50	4.0x70		5.0x100	6.0x100	

SIZE

Normal Size		M3.0	M3.5	M4.0	M4.5	M5.0	M6.0
Thread Diameter	Min	2.8	3.3	3.75	4.25	4.7	5.7
	Max	3.0	3.5	4.0	4.5	5.0	6.0
Head Diameter	Min	5.6	6.6	7.5	8.5	9.5	11.5
	Max	6.0	7.0	8.0	9.0	10.0	12.0
Pitch		1.35	1.6	1.8	2.0	2.2	2.6
Head Height	Max	1.9	2.1	2.5	2.7	3.0	3.6
Shank	Max	1.6	1.8	2.0	2.2	2.5	3.0
Recess No .		1	2	2	2	2	3
Recess Depth	Min	1.6	1.6	2.05	2.6	3.0	3.0
	Max	2.0	2.1	2.5	3.1	3.45	3.45

PARTICLE BOARD SCREWS

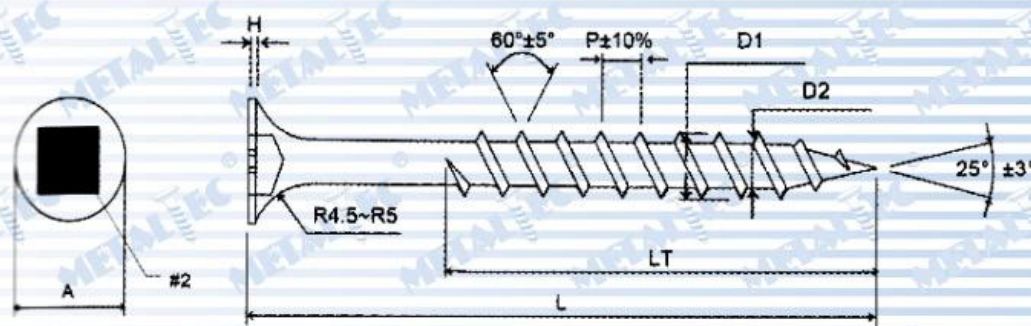
Heat treated case hardend to prevent snapping
60 degree thread angle, 28 degree point angle
with or without ribs, coarse thread
zinc or yellow zinc plated



COUNTERSUNK HEAD
POZI RECESS



COUNTERSUNK HEAD
SQUARE RECESS



SIZE

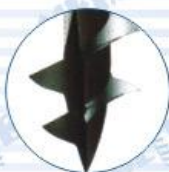
	#6	#8	#9	#10	LENGTH
A	8.0 ~ 8.5	8.0 ~ 8.5	8.5 ~ 9.0	8.8 ~ 9.2	L=1", 24.4 ~ 26.4mm
H(REF.)	0.5 ~ 0.8	0.5 ~ 0.8	0.5 ~ 0.8	0.5 ~ 0.8	L=1-1/4", 31.0 ~ 32.5mm
P.G.D	1.65 ~ 1.70	1.65 ~ 1.70	1.85 ~ 1.95	2.10 ~ 2.20	L=1-5/8", 40.5 ~ 42.0mm
D1	3.65 ~ 4.0	4.35 ~ 4.75	4.3 ~ 4.8	4.9 ~ 5.35	L=2", 49.6 ~ 51.5mm
D2	2.2 ~ 2.4	2.6 ~ 2.8	2.9 ~ 3.1	3.2 ~ 3.4	L=2-1/2", 62 ~ 65mm
Pitch	2.82	2.82	2.82	3.12	L=3", 74.7 ~ 77.7mm
Thread type	CS	CS	CS	CS	L=3-1/2", 87.4 ~ 90.4mm
Case depth(mm)	0.05 ~ 0.18	0.05 ~ 0.18	0.10 ~ 0.23	0.10 ~ 0.23	L=4", 100.1 ~ 103.1mm
Surface hardening(HV)	450 ~ 720	450 ~ 720	450 ~ 720	450 ~ 720	THREAD LENGTH
Material	1018 ~ 1022				L=1" ~ 1-1/4", LT=FULL
Breaking torque(kg/cm)	28	35	55	67	L=2", LT=34 ~ 37mm
Wire diameter	2.85	3.3	3.5	3.8	L=2-1/2", LT=41 ~ 44mm
Drive size	#1	#2	#2	#2	L=3", LT=51 ~ 54mm
Salt spray HRS	24 ~ 72	24 ~ 72	24 ~ 72	24 ~ 72	L=3-1/2", LT=60 ~ 63mm

BOARD SCREWS

The best deck screws on the market. Guaranteed not to rust!
Will not streak or stain lumber. Used in decks, docks, fences,
spas, gazebos, siding and other outdoor applications.



SQUARE DRIVE
for a more positive drive &
no "cam-out"



Type-17
cutting point is designed
to eliminate pre-drilling
and wood splitting



SHARP COARSE THREADS
for faster penetration and
extra holding power



NIBS
prevents spin out and self
countersinks



Salt spray test 500 ~ 1 200 hours color
coded for Green, Red & Tan lumber.
Will not streak or stain lumber.
Used in decks, docks, fences, spas,
gazebos, siding, and other outdoor
applications.

SIZE	DRIVE SIZE	PITCH
6# x 1/2" ~ 2-1/2"	#1	2.82/2.15
8# x 5/8" ~ 3"	#2	2.82/2.65
9# x 5/8" ~ 4"	#2	2.82
10# x 1" ~ 5"	#2	3.12

40

FOR THE DECK SCREWS HEBEI MINMETALS IS YOUR BEST CHOICE!

	#6	#8	#9	#10	LENGTH
A	8.0 ~ 8.5	8.0 ~ 8.5	8.5 ~ 9.0	8.8 ~ 9.2	L=1", 24.4 ~ 26.4mm
H(REF.)	0.5 ~ 0.8	0.5 ~ 0.8	0.5 ~ 0.8	0.5 ~ 0.8	L=1-1/4", 31.0 ~ 32.5mm
P.G.D	1.65 ~ 1.70	1.65 ~ 1.70	1.85 ~ 1.95	2.10 ~ 2.20	L=1-5/8", 40.5 ~ 42.0mm
D1	3.65 ~ 4.0	4.35 ~ 4.75	4.3 ~ 4.8	4.9 ~ 5.35	L=2", 49.6 ~ 51.5mm
D2	2.2 ~ 2.4	2.6 ~ 2.8	2.9 ~ 3.1	3.2 ~ 3.4	L=2-1/2", 62 ~ 65mm
Pitch	2.82	2.82	2.82	3.12	L=3", 74.7 ~ 77.7mm
Thread type	CS	CS	CS	CS	L=3-1/2", 87.4 ~ 90.4mm
Case depth(mm)	0.05 ~ 0.18	0.05 ~ 0.18	0.10 ~ 0.23	0.10 ~ 0.23	L=4", 100.1 ~ 103.1mm
Surface hardening(HV)	450 ~ 720	450 ~ 720	450 ~ 720	450 ~ 720	THREAD LENGTH
Material	1018 ~ 1022				L=1" ~ 1-1/4", LT=FULL
Breaking torque(kg/cm)	28	35	55	67	L=1-5/8", LT=28 ~ 31mm
Wire diameter	2.85	3.3	3.5	3.8	L=2", LT=34 ~ 37mm
Drive size	#1	#2	#2	#2	L=2-1/2", LT=41 ~ 44mm
Salt spray HRS	500 ~ 1200	500 ~ 1200	500 ~ 1200	500 ~ 1200	L=3", LT=51 ~ 54mm
					L=3-1/2" ~ 4", LT=60 ~ 63mm

SELF TAPPING SCREWS

There are two basic types-AB(Pointed) and A(Blunt). Type AB is ideal for joining thin sheet steel and is used extensively in spring nut and clip applications. It can also be used, but not recommended for pliable plastics, high impact plastics, resinbonded plywood and aluminum diecastings. Type A has the same thread from but, with its tapered pilot lead, is designed for use in heavier gauge sheet steel and structural steel sections. It gives optimum thread engagement in "blind hole" applications and is ideal for pliable plastic and non-ferrous zinc and aluminum diecastings.

TAPPING SCREW ANSI TYPE A



SIZE	T	D		DRIVE
		MAX	MIN	
NO.4	24	2.89	2.79	#1ph
NO.5	20	3.30	3.20	#1ph
NO.6	18	3.58	3.45	#2ph
NO.7	16	4.01	3.86	#2ph
NO.8	15	4.26	4.11	#2ph
NO.10	12	4.92	4.77	#2ph
NO.12	11	5.61	5.46	#3ph
NO.14	10	6.45	6.29	#3ph
NO.16	10	7.11	6.96	#3ph
NO.18	9	7.77	7.62	#3ph

TAPPING SCREW ANSI TYPE AB



SIZE	T	D		DRIVE
		MAX	MIN	
NO.4	24	2.89	2.74	#1ph
NO.5	20	3.30	3.20	#1ph
NO.6	20	3.53	3.35	#2ph
NO.7	19	3.91	3.78	#2ph
NO.8	18	4.21	4.04	#2ph
NO.10	16	4.80	4.62	#2ph
NO.12	14	5.46	5.31	#3ph
1/4	14	6.25	6.02	#3ph
5/16	12	8.00	7.82	#3ph



SELF TAPPING SCREWS

Carbon Steel(C1018, 1022 Hardened), Stainless Steel, Brass

Zinc Plate, Nickle Plated, Brass Plated, Black Oxide, Black & Grey Phosphated, Ruspert, Plain



TAPPING SCREW
TRUSS HEAD PHILLIPS



DIN 7976 TAPPING SCREW
HEXAGON HEAD

SIZE

#4x1/4"	#6x3/8"	#7x3/8"	#8x3/8"	#8x2-1/4"	#10x3/8"	#10x2-1/4"	#12x5/8"	#12x2-3/4"	#14x5/8"	#14x2-3/4"
#4x3/8"	#6x7/16"	#7x7/16"	#8x7/16"	#8x2-1/2"	#10x7/16"	#10x2-1/2"	#12x3/4"	#12x3"	#14x3/4"	#14x3"
#4x7/16"	#6x1/2"	#7x1/2"	#8x1/2"	#8x2-5/8"	#10x1/2"	#10x2-5/8"	#12x7/8"	#12x3-1/2"	#14x7/8"	#14x3-1/2"
#4x1/2"	#6x5/8"	#7x5/8"	#8x5/8"	#8x2-3/4"	#10x5/8"	#10x2-3/4"	#12x1"	#12x4"	#14x1"	#14x4"
#4x5/8"	#6x3/4"	#7x3/4"	#8x3/4"		#10x3/4"	#10x3"	#12x1-1/4"	#12x4-1/2"	#14x1-1/4"	#14x4-1/2"
#4x3/4"	#6x7/8"	#7x7/8"	#8x7/8"		#10x7/8"	#10x3-1/2"	#12x1-1/2"	#12x5"	#14x1-1/2"	#14x5"
#4x7/8"	#6x1"	#7x1"	#8x1"		#10x1"	#10x4"	#12x1-5/8"		#14x1-5/8"	#14x5-1/2"
	#6x1-1/4"	#7x1-1/4"	#8x1-1/4"		#10x1-1/4"		#12x1-3/4"		#14x1-3/4"	#14x6"
	#6x1-1/2"	#7x1-1/2"	#8x1-1/2"		#10x1-1/2"		#12x2"		#14x2"	
		#7x1-5/8"	#8x1-5/8"		#10x1-5/8"		#12x2-1/4"		#14x2-1/4"	
		#7x1-3/4"	#8x1-3/4"		#10x1-3/4"		#12x2-1/2"		#14x2-1/2"	
		#7x2"	#8x2"		#10x2"		#12x2-5/8"		#14x2-5/8"	

WOOD SCREWS



DIN 97
Wood Screw
Flat Head With Slot
Black Oxide / Zinc



DLN 7997
Wood Screw
Flat Head Phillips or Pozi
Black Oxide / Zinc



DIN 97
BS Wood Screw
Flat Head With Slot



DLN 96
BS Wood Screw
Round Head Slot

SIZE

Carbon Steel, Stainless Steel, Brass, Plain, Zinc Plated

#3x3/8"	#4x3/8"	#5x3/8"	#6x5/8"	#7x5/8"	#8x3/4"	#9x3/4"	#10x3/4"	#12x1-1/4"	#14x3"
#3x1/2"	#4x1/2"	#5x1/2"	#6x3/4"	#7x3/4"	#8x7/8"	#9x1"	#10x1"	#12x1-1/2"	#14x3-1/2"
#3x5/8"	#4x5/8"	#5x5/8"	#6x7/8"	#7x7/8"	#8x1"	#9x1-1/4"	#10x1-1/4"	#12x1-3/4"	#14x4"
	#4x3/4"	#5x3/4"	#6x1"	#7x1"	#8x1-1/4"	#9x1-1/2"	#10x1-1/2"	#12x2"	
	#4x1"	#5x1"	#6x1-1/4"	#7x1-1/4"	#8x1-1/2"	#9x1-3/4"	#10x1-3/4"	#12x2-1/4"	
			#6x1-1/2"	#7x1-1/2"	#8x1-3/4"	#9x2"	#10x2"	#12x2-1/2"	
			#6x1-3/4"	#7x1-3/4"	#8x2"	#9x2-1/4"	#10x2-1/4"	#12x3"	
			#6x2"	#7x2"	#8x2-1/4"	#9x2-1/2"	#10x2-1/2"	#12x3-1/4"	
					#8x2-1/2"		#10x3"	#12x4"	
					#8x3"		#10x3-1/2"		
							#10x4"		

WOOD SCREWS



DIN 571 WOOD SCREW HEXAGON HEAD ZINC PLATED

SIZE

Carbon Steel, Stainless Steel, Brass

Zinc Plated, Yellow Zinc, Hot Galvanized, Nickle Plated, Brass Plated, Black Phosphated, Ruspert, Plain

1/4"x3/4"	5/16"x1"	5/16"x5"	3/8"x1"	3/8"x5"	1/2"x1-1/2"	1/2"x6"	5/8"x2"	5/8"x8"	3/4"x2-1/2"	3/4"x10"
1/4"x1"	5/16"x1-1/4"	5/16"x5-1/2"	3/8"x1-1/4"	3/8"x5-1/2"	1/2"x1-3/4"	1/2"x7"	5/8"x2-1/4"	5/8"x9"	3/4"x2-3/4"	3/4"x11"
1/4"x1-1/4"	5/16"x1-1/2"	5/16"x6"	3/8"x1-1/2"	3/8"x6"	1/2"x2"	1/2"x8"	5/8"x2-1/2"	5/8"x10"	3/4"x3"	3/4"x12"
1/4"x1-1/2"	5/16"x1-3/4"		3/8"x1-3/4"	3/8"x7"	1/2"x2-1/4"	1/2"x9"	5/8"x2-3/4"	5/8"x11"	3/4"x3-1/2"	3/4"x13"
1/4"x1-3/4"	5/16"x2"		3/8"x2"	3/8"x8"	1/2"x2-1/2"	1/2"x10"	5/8"x3"	5/8"x12"	3/4"x4"	3/4"x14"
1/4"x2"	5/16"x2-1/4"		3/8"x2-1/4"		1/2"x2-3/4"	1/2"x11"	5/8"x3-1/2"	5/8"x13"	3/4"x4-1/2"	3/4"x15"
1/4"x2-1/4"	5/16"x2-1/2"		3/8"x2-1/2"		1/2"x3"	1/2"x12"	5/8"x4"	5/8"x14"	3/4"x5"	3/4"x16"
1/4"x2-1/2"	5/16"x2-3/4"		3/8"x2-3/4"		1/2"x3-1/2"		5/8"x4-1/2"	5/8"x15"	3/4"x5-1/2"	3/4"x17"
1/4"x2-3/4"	5/16"x3"		3/8"x3"		1/2"x4"		5/8"x5"		3/4"x6"	3/4"x18"
1/4"x3"	5/16"x3-1/2"		3/8"x3-1/2"		1/2"x4-1/2"		5/8"x5-1/2"		3/4"x7"	
1/4"x3-1/2"	5/16"x4"		3/8"x4"		1/2"x5"		5/8"x6"		3/4"x8"	
1/4"x4"	5/16"x4-1/2"		3/8"x4-1/2"		1/2"x5-1/2"		5/8"x7"		3/4"x9"	



COUNTERSUNK POZI HEAD
TWINFAST THREAD
ZINC PLATED



PAN POZI HEAD
TWINFAST THREAD
ZINC PLATED

SIZE

#4 x 1/2"	#6x1/2"	#6x1-1/2"	#7x5/8"	#7x2"	#8x1/2"	#8x1-3/4"	#10x3/4"	#10x2-1/4"	#12x1"	#12x3"
#4 x 5/8"	#6x5/8"	#6x1-3/4"	#7x3/4"	#7x2-1/4"	#8x5/8"	#8x2"	#10x1"	#10x2-1/2"	#12x1-1/4"	#12x3-1/2"
#4 x 3/4"	#6x3/4"	#6x2"	#7x1"	#7x2-1/2"	#8x3/4"	#8x2-1/4"	#10x1-1/4"	#10x2-3/4"	#12x1-1/2"	#12x4"
#4 x 1"	#6x7/8"		#7x1-1/4"	#7x2-3/4"	#8x1"	#8x2-1/2"	#10x1-1/2"	#10x3"	#12x2"	
	#6x1"		#7x1-1/2"		#8x1-1/4"	#8x2-3/4"	#10x1-3/4"	#10x3-1/2"	#12x2-1/4"	
	#6x1-1/4"		#7x1-3/4"		#8x1-1/2"	#8x3"	#10x2"	#10x4"	#12x2-1/2"	

HEX WASHER HEAD POINT#2 SCREWS



APPLICATION

- ◆ For light duty purpose
- ◆ Stitch roof deck and wall panel sidelaps
- ◆ Residential steel frame construction
- ◆ Brick ties to steel framing

FEATURES

- ◆ Unique point to thread design extrudes the metal preventing stripout
- ◆ Non-walking point provides fast material engagement
- ◆ Point to thread design maximize pullout performance and minimizes backout

SIZE (inch)	SIZE (m/m)	HEAD STYLE	DRILL POINT
#6 x 3/8"	3.5 x 10	HWH	#2
#6 x 1/2"	3.5 x 13	HWH	#2
#6 x 3/4"	3.5 x 19	HWH	#2
#8 x 1/2"	4.2 x 13	HWH	#2
#8 x 5/8"	4.2 x 16	HWH	#2
#8 x 3/4"	4.2 x 19	HWH	#2
#8 x 1"	4.2 x 25	HWH	#2
#8 x 1-1/4"	4.2 x 32	HWH	#2
#8 x 1-1/2"	4.2 x 38	HWH	#2
#8 x 2"	4.2 x 50	HWH	#2

HEX WASHER HEAD POINT#3 SCREWS



APPLICATION

- ◆ For medium duty purpose
- ◆ Roof deck to steel framing
- ◆ Accessories to steel framing

FEATURES

- ◆ Precise cutting edges to improve drill performance with less effort
- ◆ Point to thread design maximize pullout performance and minimizes backout

SIZE (inch)	SIZE (m/m)	HEAD STYLE	DRILL POINT
#10 x 1/2"	4.8 x 13	HWH	#3
#10 x 5/8"	4.8 x 16	HWH	#3
#10 x 3/4"	4.8 x 19	HWH	#3
#10 x 1"	4.8 x 25	HWH	#3
#10 x 1-1/4"	4.8 x 32	HWH	#3
#10 x 1-1/2"	4.8 x 38	HWH	#3
#10 x 2"	4.8 x 50	HWH	#3
#12 x 3/4"	5.5 x 19	HWH	#3
#12 x 1"	5.5 x 25	HWH	#3
#12 x 1-1/4"	5.5 x 32	HWH	#3
#12 x 1-1/2"	5.5 x 38	HWH	#3
#12 x 2"	5.5 x 50	HWH	#3
#12 x 3"	5.5 x 75	HWH	#3

PAN PHILLIPS SCREWS



APPLICATION

- ◆ Skin sheet to steel
- ◆ Residential steel frame construction for light duty purpose
- ◆ Suitable for stitching 1 thick & 1 thin steel plate

FEATURES

- ◆ Pan head design on purpose using
- ◆ Non-walking point provides fast material engagement

SIZE (inch)	SIZE (m/m)	HEAD STYLE	DRILL POINT
#6 x 3/8"	3.5 x 10	Pan	#2
#6 x 1/2"	3.5 x 13	Pan	#2
#6 x 3/4"	3.5 x 19	Pan	#2
#8 x 3/8"	4.2 x 10	Pan	#2
#8 x 1/2"	4.2 x 13	Pan	#2
#8 x 5/8"	4.2 x 16	Pan	#2
#8 x 3/4"	4.2 x 19	Pan	#2
#8 x 1"	4.2 x 25	Pan	#2
#8 x 1-1/4"	4.2 x 32	Pan	#2
#8 x 1-1/2"	4.2 x 38	Pan	#2
#10 x 1/2"	4.8 x 13	Pan	#3
#10 x 5/8"	4.8 x 16	Pan	#3
#10 x 3/4"	4.8 x 19	Pan	#3
#10 x 1"	4.8 x 25	Pan	#3
#10 x 1-1/4"	4.8 x 32	Pan	#3
#10 x 1-1/2"	4.8 x 38	Pan	#3
#10 x 2"	4.8 x 50	Pan	#3

TRUSS PHILLIPS SCREWS



APPLICATION

- ◆ Residential steel frame construction
- ◆ For using in object like polycarbonate sheet, shadow cover

FEATURES

- ◆ Truss head design on purpose using
- ◆ Non-walking point provides fast material engagement

SIZE (inch)	SIZE (m/m)	HEAD STYLE	DRILL POINT
#8 x 1/2"	4.2 x 13	Truss	#2
#8 x 5/8"	4.2 x 16	Truss	#2
#8 x 3/4"	4.2 x 19	Truss	#2
#8 x 1"	4.2 x 25	Truss	#2
#8 x 1-1/4"	4.2 x 32	Truss	#2
#8 x 1-5/8"	4.2 x 41	Truss	#2

COUNTERSUNK PHILLIPS SCREWS



APPLICATION

- ◆ Best choice for fastening in window or door frames purpose
- ◆ Using in flat surface required
- ◆ Using in pre-drilled hole for fitting

FEATURES

- ◆ Precise cutting edges to improve drill performance with less effort
- ◆ Countersunk head available for working purpose

SIZE (inch)	SIZE (m/m)	HEAD STYLE	DRILL POINT
#6 x 3/8"	3.5 x 10	CSK	#2
#6 x 1/2"	3.5 x 13	CSK	#2
#6 x 5/8"	3.5 x 16	CSK	#2
#6 x 3/4"	3.5 x 19	CSK	#2
#6 x 1"	3.5 x 25	CSK	#2
#8 x 1/2"	4.2 x 13	CSK	#2
#8 x 5/8"	4.2 x 16	CSK	#2
#8 x 3/4"	4.2 x 19	CSK	#2
#8 x 1"	4.2 x 25	CSK	#2
#10 x 1/2"	4.8 x 13	CSK	#3
#10 x 5/8"	4.8 x 16	CSK	#3
#10 x 3/4"	4.8 x 19	CSK	#3
#10 x 1"	4.8 x 25	CSK	#3
#10 x 1-1/2"	4.8 x 38	CSK	#3

BUGLE PHILLIPS SCREWS



APPLICATION

- ◆ For using in stitch wood to metal
- ◆ Using in flat surface required
- ◆ Using in pre-drilled hole for fitting

FEATURES

- ◆ Precise cutting edges to improve drill performance with less effort
- ◆ Bugle head available for working purpose

SIZE (inch)	SIZE (m/m)	HEAD STYLE	DRILL POINT
#6 x 1"	3.5 x 25	Bugle	#2
#6 x 1-1/8"	3.5 x 28	Bugle	#2
#6 x 1-1/4"	3.5 x 32	Bugle	#2
#6 x 1-5/8"	3.5 x 41	Bugle	#2
#6 x 2"	3.5 x 50	Bugle	#2
#8 x 1"	4.2 x 25	Bugle	#2
#8 x 1-1/4"	4.2 x 32	Bugle	#2
#8 x 2"	4.2 x 50	Bugle	#2
#8 x 2-1/2"	4.2 x 63	Bugle	#2
#8 x 3"	4.8 x 75	Bugle	#2

TYPE 17 SCREWS



APPLICATION

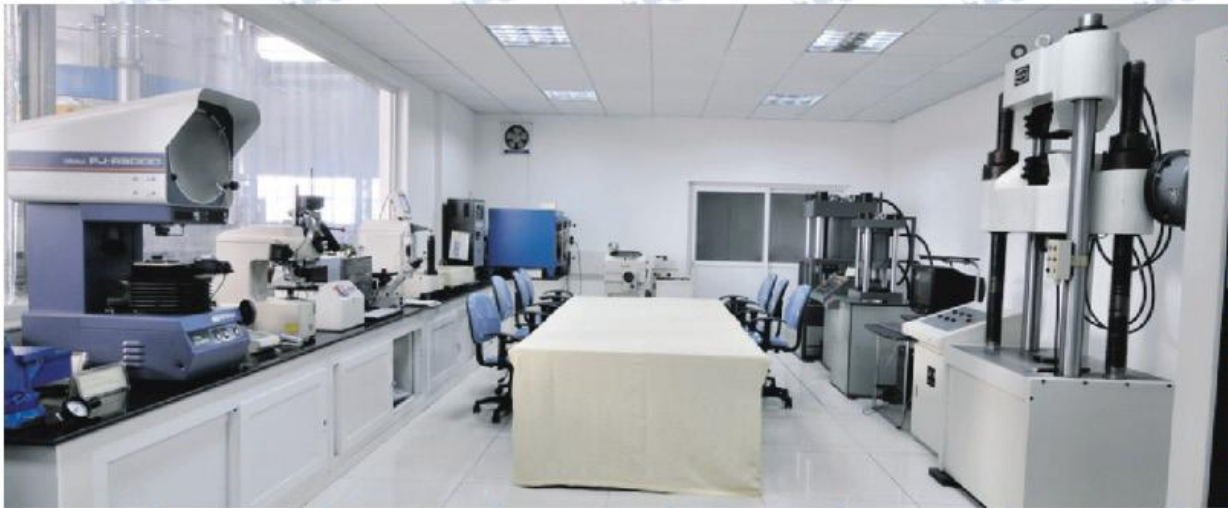
- ◆ Roof and wall panel to wood structure
- ◆ Panel over insulation to wood structure
- ◆ Stitching of wall panel

FEATURES

- ◆ Type 17 point for fast material engagement
- ◆ Double lead thread for fast panel pick-up

SIZE (inch)	SIZE (m/m)	HEAD STYLE	DRILL POINT
#12 x 3/4"	5.5 x 19	HWF / HWH	Type17
#12 x 1"	5.5 x 25	HWF / HWH	Type17
#12 x 1-1/2"	5.5 x 38	HWF / HWH	Type17
#12 x 2"	5.5 x 50	HWF / HWH	Type17
#12 x 2-1/2"	5.5 x 63	HWF / HWH	Type17
#12 x 3"	5.5 x 75	HWF / HWH	Type17
#12 x 4"	5.5 x 100	HWF / HWH	Type17
#14 x 3/4"	6.3 x 19	HWF / HWH	Type17
#14 x 1"	6.3 x 25	HWF / HWH	Type17
#14 x 1-1/4"	6.3 x 32	HWF / HWH	Type17
#14 x 2"	6.3 x 50	HWF / HWH	Type17
#14 x 3"	6.3 x 75	HWF / HWH	Type17
#14 x 4"	6.3 x 100	HWF / HWH	Type17
#14 x 5"	6.3 x 125	HWF / HWH	Type17





To ensure quality of our products, we purchased high quality equipments in inspection. Such as Projector from Japan, Vickers Hardness Machine, Drill Drive Machine, Salt Spray Testing Machine from Taiwan, Metalloscope, Direct Reading Spectrometer from Japan, 60 tons Universal Testing Machine, 10 tons Tensile Strength Testing Machine, Cold Upsetting Testing Machine. We passed ISO9001:2000 quality management certificate in December, 2005 ISO / 16949:2008 auto industry system certificate in December, 2009. ISO / IEC17025:2005 national laboratory accreditation in April, 2010.



Salt-Spray Testing



3D Projector / measuring instruments



Torque test machine



Spectrometer-Chemical analysis



Materials testing machines



Drilling Test Machine



Dial Torque Wrench



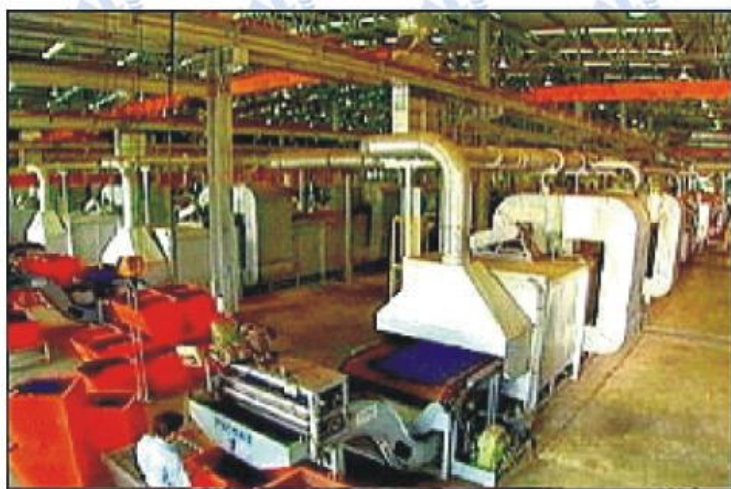
Micro Vickers Hardness Tester



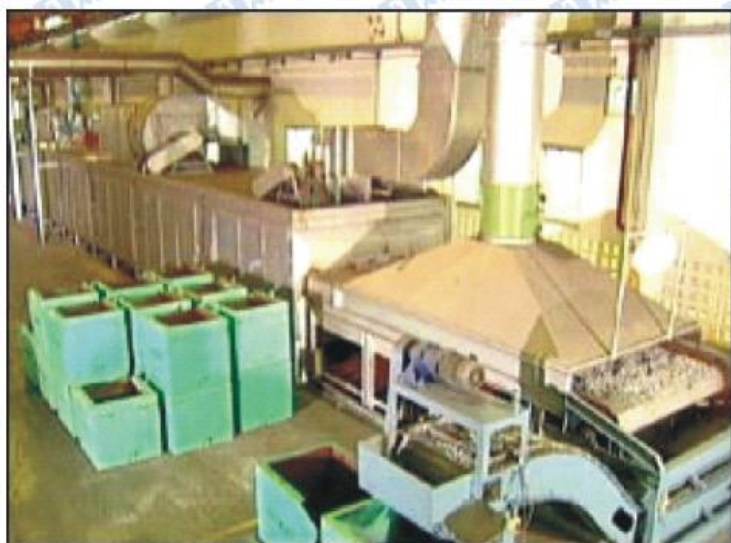
Drilling Test Machine



Packing



Heat Treatment



Surface Treatment



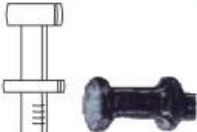


Equipment : Automatic high speed packing machine

Range : Packing of various screws, nuts, wood screws, hardware fitting, stainless screws and nuts, fasteners

NAIL HEAD / POINT / SHANK

NAIL HEADS

Flat Head 	Large Flat Head 	Checkered Flat Head 	Countersunk Head 	Deep Countersunk Head 
Brad Head 	Duplex Head 	Cupped Head 	Oval Head 	

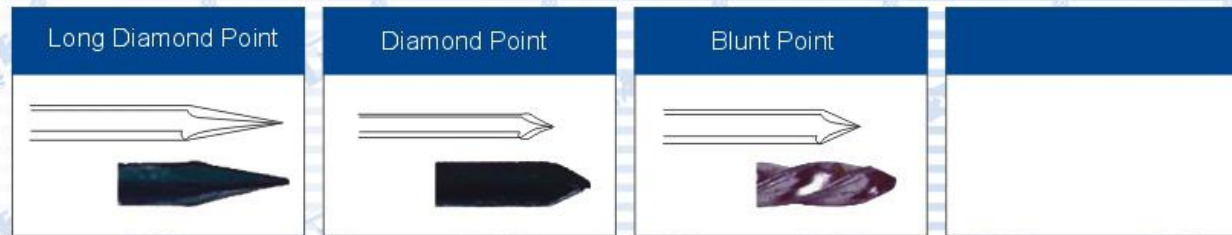
SCREW HEADS

Flat Head 	Bugle Head 	Pan Head 	Pan Framing Head 	Round washer Head 
Trim Head 	Washer Head 	Wafer Head 	Hex washer Head 	

SCREW DRIVER

Slot 	Phillips 	Square 	Combination 	Star 
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NAILS POINTS



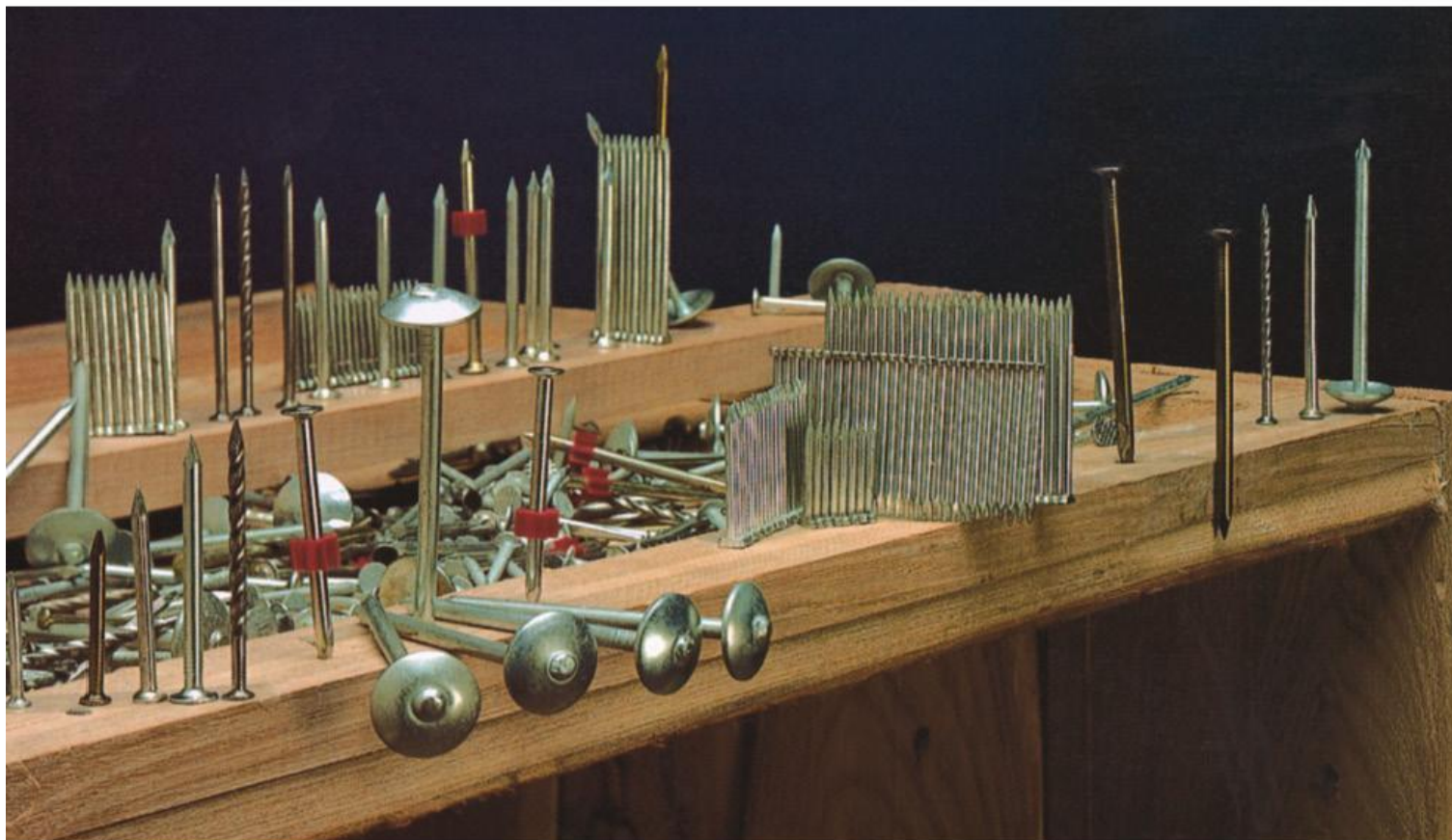
NAILS SHANKS



SCREW SHANKS/THREADS



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