



The SCREW CHEK'R identifies all machine screws, bolts, wood screws, self-tapping screws, standard size rivets and common cotter pin sizes up to 5/16" diameter.

When checking threads of bolts, cap and machine screws (see 2 below), be sure threads are clean, straight and free of rust. "Size" holes are slightly oversize for ease of checking and should not be used to gage drills or drill rod.

BE SURE TO CHECK "SIZE" FIRST.

- 1. SIZE** Smallest un-threaded hole (in left-hand column) through which fastener passes freely tells size by number and in fractions of an inch, when applicable. (Read large numbers beside holes).
- 2. THREADS PER INCH** Threaded holes opposite "size" holes tell threads per inch for bolts, cap and machine screws only. Standard and unified threads will screw freely and completely through plate in one of the threaded holes. (Use light hand pressure only and read large number beside hole). Foreign and special threads will be rejected by all threaded holes in the row.
- 3. CLEARANCE DRILL SIZE** Small numbers under un-threaded "size" holes tell drill size required for proper clearance hole.
- 4. TAP DRILL SIZE** Small numbers under threaded holes tell drill size required for proper tap holes for machine screws and bolts (based on approximately 75% of full thread). See complete drill chart on other side.
- 5. TAP SERIES** Standard tap identification code letters are listed at the top of each column of threaded holes.
- 6. LENGTH** Measure length of fastener across top of CHEK'R.
- 7. DIAMETER** Basic diameter of item is listed in extreme right-hand column.

SEE SCREW TYPE ILLUSTRATIONS ON OTHER SIDE

DECIMAL EQUIVALENTS

of Wire, Letter and Fractional Size Drills

DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL
80	.0135	42	.0935	13/64	.2031	X	.3970
79	.0145	3/32	.0938	6	.2040	Y	.4040
1/64	.0156	41	.0960	5	.2055	13/32	.4062
78	.0160	40	.0980	4	.2090	Z	.4130
77	.0180	39	.0995	3	.2130	27/64	.4219
76	.0200	38	.1015	7/32	.2188	7/16	.4375
75	.0210	37	.1040	2	.2210	29/64	.4531
74	.0225	36	.1065	1	.2280	15/32	.4688
73	.0240	7/64	.1094	A	.2340	31/64	.4844
72	.0250	35	.1100	15/64	.2344	1/2	.5000
71	.0260	34	.1110	B	.2380	33/64	.5156
70	.0280	33	.1130	C	.2420	11/32	.5313
69	.0292	32	.1160	D	.2460	35/64	.5469
68	.0310	31	.1200	1/4	.2500	9/16	.5625
1/32	.0313	1/8	.1250	E	.2500	27/64	.5781
67	.0320	30	.1285	F	.2570	19/32	.5938
66	.0330	29	.1360	G	.2610	39/64	.6094
65	.0350	28	.1405	17/64	.2656	5/8	.6250
64	.0360	9/64	.1406	H	.2660	41/64	.6406
63	.0370	27	.1440	I	.2720	31/32	.6562
62	.0380	26	.1470	J	.2770	43/64	.6719
61	.0390	25	.1495	K	.2810	11/16	.6875
60	.0400	24	.1520	9/32	.2812	45/64	.7031
59	.0410	23	.1540	L	.2900	37/32	.7188
58	.0420	5/32	.1562	M	.2950	47/64	.7344
57	.0430	22	.1570	19/64	.2969	3/4	.7500
56	.0465	21	.1590	N	.3020	49/64	.7656
3/64	.0469	20	.1610	5/16	.3125	25/32	.7812
55	.0520	19	.1660	O	.3160	31/64	.7969
54	.0550	18	.1695	P	.3230	13/16	.8125
53	.0595	11/64	.1719	21/64	.3281	33/64	.8281
1/16	.0625	17	.1730	Q	.3320	37/32	.8438
52	.0635	16	.1770	R	.3390	39/64	.8594
51	.0670	15	.1800	11/32	.3438	7/8	.8750
50	.0700	14	.1820	S	.3480	57/64	.8906
49	.0730	13	.1850	T	.3580	29/32	.9062
48	.0760	3/16	.1875	23/64	.3594	35/64	.9219
5/64	.0781	12	.1890	U	.3680	15/16	.9375
47	.0785	11	.1910	3/8	.3750	41/64	.9531
46	.0810	10	.1935	V	.3770	21/32	.9688
45	.0820	9	.1960	W	.3860	43/64	.9844
44	.0860	8	.1990	25/64	.3906	1	1.0000
43	.0890	7	.2010				

COMMON SCREW TYPES

Slotted Head



Round Head

Flat Head

Pan Head

Oval Head

Truss Head

Phillips Recessed Head



Oval Head

Fillister Head

Pan Head

Hexagon Head



Washer Head



THREAD CUTTING SHANKS



Also available with Round, Flat or Truss Heads.



TYPE A—
GIMLET POINT



TYPE B—
BLUNT POINT

TAPPING SCREWS

Available with slotted, Phillips or hexagon heads.