



Union Special
INDUSTRIAL SEWING EQUIPMENT

**A LISTING OF COMMONLY USED
SCREWS, WASHERS, AND
OTHER HARDWARE ITEMS.**

Second Edition 1996

This manual contains most of the commonly used fastener type screws and other hardware items available from Union Special. Its purpose is to provide comparison data so that identification or substitution can be made.

Many items have been omitted from these listings such as special purpose parts for which there are no similar or suitable substitutes or items which are obsolete and are being phased out.

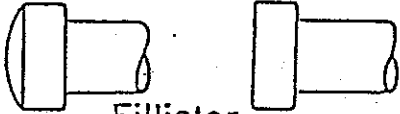

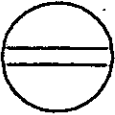



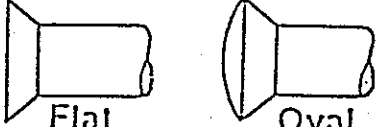
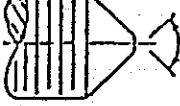
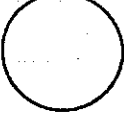

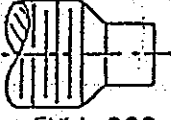
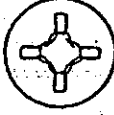
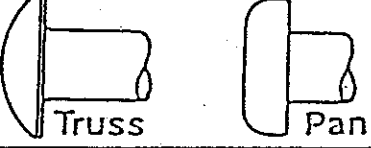


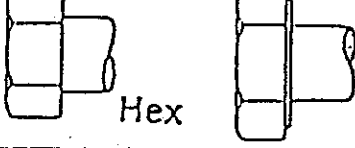

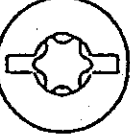
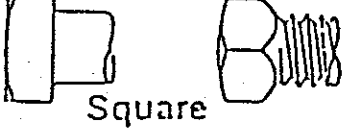
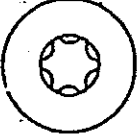
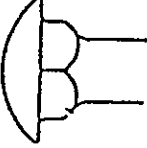
This is not intended to be a complete inventory listing but rather a handy guide for easy selection.

Table of Contents

Screws, listed by part number	1-22
Screws, listed by thread size	23-44
Washers	45-51
Nuts	52-55
Round Felt Wicks	56-57
O-Rings	58-59
Retaining Rings	60-61
Quad Rings	62
Needle bearings, Inch Series	63
Needle Bearings, Metric	64
Thrust Roller Caged Bearings	65
Roller Clutch Bearings	66
Ball Bearings	67
Spherical Balls	68

FEATURE CODES

The chart below shows the code letter that identifies the characteristics of each of the three features defining the screw type that will be found in the screw listings. Where a number appears along with the feature code letter it defines the size or angularity of that feature.

CODE	HEAD TYPE	POINT TYPE	DRIVE
A	 Fillister	 FLAT POINT	
B	 Headless	 CUP POINT	
C	 Flat Oval	 CONE POINT	
D	 Round	 FULL DOG	
E	 Truss Pan	 HALF DOG	
F	 Hex	 OVAL POINT	
G	 Square		
H	 Round Head Square Neck		

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

scrowmst.v45

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
1003L		218-32	B	.406	A	A	---	---	
1005L		218-32	B	.250	A	A	---	---	
1014L	5-44	125-44	A	.250	A	A	.218	.109	
1020L	5-40	125-40	B	.375	D	A	---	---	
1022L		156-40	B	.125	A	A	---	---	
1025L		218-32	B	.187	A	A	---	---	
1029L		218-32	B	.140	A	A	---	---	
1031L		218-32	B	.265	C90	A	---	---	
1036L	2-56	086-56	A	.080	A	A	.125	.047	
1058L	4-48	112-48	A	.187	A	A	.187	.078	
1075L	2-56	086-56	A	.125	A	A	.156	.062	
1081L		156-40	B	.187	A	A	---	---	
1096	A	088-64	B	.093	A	A	---	---	
1096B	A	088-64	B	.140	A	A	---	---	
1136L		218-32	B	.710	C90	A	---	---	
1137L		218-32	B	.125	A	A	---	---	
1170L	5-44	125-44	A	.312	A	A	.218	.078	
1189L		156-40	A	.125	A	A	.218	.094	
1203L		218-32	B	.312	C90	A	---	---	
1206L		187-32	A	.625	A	A	.250	.140	
1235L		218-32	A	.500	A	A	.500	.100	
1279L		187-32	A	1.000	A	A	.281	.125	
12935A	G	146-40	B	.281	A	A	---	---	
12986B	G	146-40	E	.140	A	A	.437	.047	
1298L	1/4-24	250-24	F.312	.437	C90	C	---	.187	
1329L 1/2		156-40	E	.281	A	A	.375	.078	
1333L		218-32	F.312	.375	A	C	---	.125	
136	Q	214-32	A	.656	A	A	.328	.156	
136A	Q	214-32	A	.354	A	A	.315	.157	
138	E	126-40	A	.140	A	A	.266	.062	
1384L1/2	3/8-16	375-16	F.562	.375	A	C	---	.236	
141	Q	214-32	E	.140	A	A	.625	.140	
150	D	124-50	A	.093	A	A	.187	.062	
1750L		156-40	A	.437	A	A	.250	.078	
1789L	1-72	073-72	C82	.094	A	A	.125	.020	
18-1028		187-32	E	.250	A	A	.500	.125	
18-1045	3/8-24	375-24	A	.750	A	B.250	.500	.375	
18-1087		218-32	B	.250	F	B.094	---	---	
18-1094	1/4-24	250-24	E	.469	A	B.125	.375	.094	
18-1106		187-32	E	.625	A	A	.437	.078	
18-1110	5/16-18	312-18	B	.250	A	B.156	---	---	
18-1140	A	088-64	A	.234	A	A	.218	.063	
18-1150	1/4-28	250-28	B	.375	C90	B.125	---	---	
18-1152	8-36	164-36	B	.125	A	B.078	---	---	
18-120	1/4-24	250-24	F.312	.437	A	C	---	.187	
18-125	2-56	086-56	A	.125	A	A	.187	.047	
18-132		156-40	B	.375	C60	A	---	---	
18-134	2-56	086-56	C82	.148	A	A	.156	.040	
18-1416		187-28	F.394	.315	A	A	---	.138	
18-1432		187-32	F.315	.630	A	C	---	.157	
18-1449		M4x0.7	E	.157	A	E	.276	.102	
18-1450		M4x0.7	C90	.276	A	B.098	.315	.091	
18-1453		M3x0.5	A	.102	A	A	.236	.039	
18-1456		M3x0.5	C90	.197	A	A	.197	.051	
18-1473		M2	A	.138	A	A	.134	.051	
18-178	5-44	125-44	E	.187	A	A	.218	.078	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
18-261	2-56	086-56	E	.078	A	A	.156	.047	
18-270	2-56	086-56	A	.125	A	A	.187	.062	
18-280	1/4-24	250-24	F.437	.406	A	A	---	.187	
18-281	4-48	112-48	A	.150	A	A	.187	.062	
18-292	2-56	086-56	A	.093	A	A	.187	.032	
18-307	5-44	125-44	A	.187	A	A	.281	.094	
18-318	4-48	112-48	E	.125	A	A	.187	.047	
18-327		218-32	E	.187	A	A	.343	.062	
18-330		187-32	E	.312	A	A	.312	.094	
18-340	2-56	086-56	E	.156	A	A	.187	.032	
18-345	2-56	086-56	A	.055	A	A	.156	.032	
18-375		156-40	A	.562	A	A	.250	.109	
18-391		156-40	A	.437	A	A	.218	.125	
18-40		156-40	A	.625	A	A	.250	.140	
18-422		156-40	A	.139	A	A	.312	.062	
18-492		218-32	B	.453	C90	A	---	---	
18-493		218-32	F.312	.312	A	C	---	.156	
18-500		187-32	B	.312	A	A	---	---	
18-558		156-40	F.312	.406	A	A	---	.125	
18-564	1/4-24	250-24	B	1.031	A	A	---	---	
18-596		156-40	A	.281	A	A	.281	.105	
18-602	5-44	125-44	A	.281	D	A	.172	.062	
18-607	4-48	112-48	A	.125	A	A	.184	.047	
18-609	2-56	086-56	A	.063	A	A	.187	.032	
18-621	2-56	086-56	E	.125	A	A	.156	.062	
18-623		156-40	A	.187	A	A	.250	.078	
18-624		218-32	B	.375	A	A	---	---	
18-626		187-32	F.312	.218	A	C	---	.125	
18-633		187-32	B	.203	C90	A	---	---	
18-634		187-32	B	.125	A	A	---	---	
18-643		156-40	E	.076	A	A	.218	.058	
18-644	5-44	125-44	E	.250	A	A	.218	.062	
18-677		187-32	F.312	.421	A	C	---	.094	
18-690		218-32	F.312	.453	C90	C	---	.140	
18-710		218-32	F.312	.500	A	C	---	.187	
18-715		187-32	F.312	.500	A	C	---	.125	
18-725	5-44	125-44	B	.097	A	A	---	---	
18-732		187-32	E	.375	A	A	.137	.125	
18-733		156-40	E	.281	A	A	.218	.125	
18-739	5/16-24	312-24	F.500	.875	A	C	---	.218	
18-74		156-40	B	.203	C90	A	---	---	
18-745		187-32	E	.281	A	A	.375	.094	
18-747	1/4-24	250-24	B	.609	C60	A	---	---	
18-750		187-32	E	.265	A	A	.312	.079	
18-791	4-48	112-48	A	.172	A	A	.171	.062	
18-799	4-48	112-48	E	.312	A	A	.250	.078	
187A	D	124-50	E	.109	A	A	.225	.047	
187B	D	124-50	E	.078	A	A	.225	.042	
18-812		156-40	C82	.281	A	A	.250	.054	
18-892	5-44	125-44	E	.220	D	A	.187	.045	
18-907		156-40	A	.437	A	A	.250	.122	
18-918		156-40	C60	.531	A	A	.343	.140	
18-920		187-32	C82	.437	A	A	.280	.062	
18-949		156-40	E	.290	A	A	.250	.062	
18-955	1/4-20	250-20	D	3.000	A	A	.437	.191	
18-957		156-40	E	.609	A	A	.312	.109	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

screws.m3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
18-967	5/16-24	312-24	B	.375	A	B.156	---	---	
18-968	1/4-28	250-28	B	.375	C90	B.125	---	---	
18-974		156-40	E	.125	A	A	.312	.058	
18-976	1/4-28	250-28	B	.312	C90	B.125	---	---	
18-983	2-56	086-56	A	.093	A	A	.125	.031	
18-984	1/4-28	250-28	B	.750	A	B.125	---	---	
18-993	1/4-20	250-20	F.437	2.500	A	C	---	.354	
18-996	1/4-28	250-28	B	.187	A	B.125	---	---	
18-998	1/4-28	250-28	A	.625	A	B.187	.375	.250	
18C110		M3	A	.250	A	A	.171	.109	
18C1471		M3	D	.118	A	B.079	.224	.065	
18-C186	6-40	138-40	B	.094	A	A	---	---	
18C48		M4	A	.125	A	A	.281	.078	
18C84		M4	A	.687	A	A	.218	.109	
18C87		M5	A	.312	A	A	.469	.094	
18C905		M4	E	.098	A	A	.281	.058	
18C911		M4	A	.250	A	A	.281	.062	
18-C916	5/16-18	312-18	F.500	.750	A	C	---	.203	
18C94-2		M5	B	.187	A	A	---	---	
18C99		M4	A	.562	A	A	.234	.109	
21300B2 1/2	3/8-16	375-16	H	2.500	A	C	.844	.208	
21365A	1/4-20	250-20	C82	2.250	A	A	.500	.140	
2169A	J	182-40	A	.480	A	A	.236	.228	
222D	G	146-40	C78	.171	A	A	.207	.038	
22501A	L	183-32	D	.343	A	A	.281	.109	
22507	1/4-20	250-20	G.250	.375	B	C	---	.196	
22508	1/4-20	250-20	G.250	.500	B	C	---	.196	
22509B	5/16-18	312-18	G.312	.375	B	C	---	.245	
22513B	G	146-40	A	.218	A	A	.218	.062	
22513C	G	146-40	A	.187	A	A	.281	.094	
22513D	G	146-40	A	.172	A	F	.250	.078	
22514A	14-20	242-20	E	.750	A	A	.406	.078	
22516	H	155-40	A	.421	A	A	.250	.156	
22516A	H	155-40	A	.500	A	A	.250	.078	
22516B	H	155-40	A	.343	A	A	.250	.094	
22517	Q	214-32	A	.437	A	A	.328	.156	
22517A	Q	214-32	A	1.140	A	A	.328	.172	
22517B	Q	214-32	E	.489	A	A	.500	.109	
22519	J	182-40	F.281	.250	A	C	---	.125	
22519C	J	182-40	F.281	.468	A	A	---	.250	
22519F	H	155-40	F.250	.625	A	C	---	.125	
22519H	J	182-40	F.281	.437	A	A	---	.218	
22519J	J	182-40	F.281	.812	A	A	---	.250	
22519K	J	182-40	F.375	.562	A	A	---	.125	
22519M	10-32	190-32	F.312	.437	A	A	---	.187	
22524	G	146-40	C78	.324	A	A	.255	.067	
22524B	G	146-40	C78	.375	A	A	.225	.048	
22525	H	155-40	C78	.308	A	A	.255	.047	
22525A	J	182-40	C78	.308	A	A	.235	.033	
22525C	H	155-40	C78	.781	A	A	.250	.058	
22525E	L	183-32	C78	.308	A	A	.235	.112	
22526	J	182-40	C78	.312	A	A	.263	.065	
22526B	E	126-40	C78	.302	A	A	.187	.052	
22526C	10-32	190-32	C63	.656	A	A	.295	.125	
22526D	10-32	190-32	C63	.437	A	A	.295	.125	
22526H	L	183-32	C82	.375	A	A	.281	.046	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22528	J	182-40	A	.359	A	F	.328	.109	
22537	X	257-32	B	.546	A	A	---	---	
22539	AH	671-36	B	.158	A	A	---	---	
22539AA		597-32	B	.156	A	A	---	---	
22539D	--	869-20	B	.422	A	A	---	---	
22539G		597-32	B	.156	A	A	---	---	
22539H	AF	510-24	B	.156	A	A	---	---	
22539M	7/16-27	437-27	B	.375	A	A	---	---	
22539N		869-20	B	.343	A	A	---	---	
22539P		804-24	B	.422	A	A	---	---	
22539S		1,062-16	B	.312	A	A	---	---	
22539T	AG	548-18	B	.218	A	A	---	---	
22539V		437-28	B	.156	A	A	---	---	
22541F	L	183-32	A	.656	A	A	.250	.125	
22541A	L	183-32	A	.562	A	A	.281	.094	
22541B	L	183-32	A	.468	A	F	.281	.094	
22541C	L	183-32	A	.750	A	A	.312	.156	
22542	G	146-40	E	.218	A	A	.415	.062	
22548	Q	214-32	E	.437	A	F	.416	.145	
22560	J	182-40	B	.093	A	A	---	---	
22560A	J	182-40	B	.343	A	A	---	---	
22560B	J	182-40	B	.234	A	A	---	---	
22560G	Q	214-32	B	.188	C90	A	---	---	
22561	D	124-50	E	.140	A	A	.225	.047	
22561A	D	124-50	A	.078	A	A	.187	.047	
22562	G	146-40	A	.218	A	A	.207	.094	
22562A	G	146-40	A	.281	A	F	.207	.094	
22562B	G	146-40	A	.250	A	A	.207	.125	
22563	D	124-50	A	.156	A	A	.177	.109	
22564	G	146-40	A	.156	A	A	.207	.062	
22564B	G	146-40	E	.156	A	A	.207	.040	
22564D	G	146-40	A	.187	A	A	.182	.078	
22564F	1-72	073-72	A	.078	A	A	.093	.031	
22564G	G	146-40	E	.109	A	A	.207	.050	
22564J	G	146-40	A	.250	A	A	.250	.040	
22565	L	183-32	B	.171	A	A	---	---	
22565A	D	124-50	B	.290	A	A	.125	.105	
22565C	G	146-40	B	.187	A	A	---	---	
22565E	G	146-40	B	.562	F	A	---	---	
22565F	L	183-32	B	.500	C71	A	---	---	
22565H	L	183-32	B	.500	C71	A	.183	.094	
22565S	L	183-32	B	.250	C71	A	---	---	
22565W	G	146-40	B	.687	A	A	---	---	
22565X	L	183-32	B	.281	A	A	---	---	
22567B	J	182-40	F.375	.375	A	C	---	.109	
22569AF	L	183-32	A	.562	A	A	.390	.156	
22569B	L	183-32	A	.437	A	A	.250	.078	
22569C	L	183-32	E	.343	A	F	.281	.092	
22569D	L	183-32	E	.250	A	A	.312	.062	
22569F	L	183-32	A	.282	E	A	.312	.046	
22569G	L	183-32	E	.343	A	A	.250	.078	
22569J	L	183-32	E	.531	A	A	.328	.062	
22569K	L	183-32	A	.453	D	A	.250	.094	
22569M	L	183-32	A	.437	A	A	.312	.094	
22569Y	L	183-32	A	.625	A	A	.250	.078	
22570	J	182-40	A	.187	A	A	.286	.078	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

screws.mxd

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22570A	J	182-40	E	.296	A	A	.281	.078	
22571A	AK	368-24	B	.280	A	A	---	---	
22571D	AK	368-24	B	.125	A	A	---	---	
22571H	4-40	112-40	B	.125	A	B.050	---	---	
22571K	5-40	125-40	B	.125	A	B.062	---	---	
22572	L	183-32	A	.437	A	A	.250	.140	
22572A	L	183-32	A	.547	A	A	.250	.125	
22572B	L	183-32	A	.437	A	B.125	.250	.187	
22574	Q	214-32	C63	.656	A	E	.298	.080	
22574A	Q	214-32	C63	1.031	A	E	.299	.080	
22574C	Q	214-32	C63	.750	A	A	.300	.070	
22574D	M	183-32LH	C82	.312	A	A	.281	.062	
22575	G	146-40	B	.421	A	D	---	---	
22575B	G	146-40	B	.281	E	A	---	---	
22580	Q	214-32	B	.140	A	A	---	---	
22580D	Q	214-32	B	.125	A	A	---	---	
22580E	W	255-40	B	.250	A	A	---	---	
22581	J	182-40	E	.421	A	A	.437	.078	
22585	G	146-40	A	.343	A	A	.250	.094	
22585A	G	146-40	E	.312	A	A	.312	.062	
22585B	G	146-40	E	.375	A	A	.375	.125	
22585C	G	146-40	A	.203	A	A	.312	.094	
22585G	G	146-40	A	.343	A	A	.266	.250	
22585R	G	146-40	A	.468	A	A	.250	.094	
22586R	1/4-32	250-32	A	.437	A	A	.500	.125	
22586T	1/4-32	250-32	A	.437	A	A	.375	.125	
22586U	X	257-32	A	.281	A	A	.437	.156	
22587	U	219-28	A	.781	A	A	.312	.125	
22588	H	155-40	F.281	.187	A	C	---	.109	
22588A	H	155-40	F.281	.343	A	C	---	.094	
22588J	H	155-40	F.281	.390	A	C	---	.094	
22588S	D	124-50	F218	.197	A	C	---	.115	
22589	G	146-40	C78	.250	A	A	.250	.064	
22590	X	257-32	B	.528	C71	A	---	---	
22591	X	257-32	B	.312	A	A	---	---	
22591A	X	257-32	B	.312	B	A	---	---	
22592A	H	155-40	A	1.172	A	A	.242	.109	
22593	D	124-50	E	.281	A	A	.177	.062	
22593A	D	124-50	A	.250	A	A	.177	.063	
22596	J	182-40	A	.551	A	A	.328	.125	
22596B	J	182-40	A	.234	A	A	.250	.125	
22596D	J	182-40	A	.375	A	A	.250	.125	
22596F	J	182-40	A	.281	A	A	.250	.125	
22596H	J	182-40	A	.453	A	B.125	.250	.187	
22596N	J	182-40	A	.421	A	B.125	.250	.187	
22597	Q	214-32	B	.500	C71	A	---	---	
22597A	Q	214-32	B	.406	A	A	---	---	
22597E	Q	214-32	B	.625	A	A	---	---	
22603	3/8-16	375-16	F.562	.750	A	C	---	.234	
22604	3/8-16	375-16	F.562	1.000	A	C	---	.234	
22605	3/8-16	375-16	F.562	1.250	A	C	---	.234	
22608A	1/2-13	500-13	F.750	1.250	A	C	---	.312	
22610A	1/2-13	500-13	F.750	1.750	A	C	---	.312	
22611A	1/2-13	500-13	F.750	2.500	A	C	---	.312	
22615A48	10-24	190-24	A	.750	A	A	.312	.187	
22617A	3/8-16	375-16	A	1.250	A	A	.562	.375	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREWS.M3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22617J16	6-32	138-32	A	.187	A	A	.225	.062	
22617J24	6-32	138-32	A	.375	A	A	.226	.132	
22635	1/4-20	250-20	D	.500	A	A	.472	.174	
22635C12	6-32	138-32	D	.187	A	A	.260	.103	
22635CA12	6-32	138-32	D	.187	A	A	.260	.103	
22635D16	1/4-20	250-20	D	.250	A	A	.472	.174	
22635G16	8-32	164-32	D	.250	A	A	.309	.119	
22637	5/16-18	312-18	C82	1.000	A	A	.560	.180	
22637A	5/16-18	312-18	C82	1.500	A	A	.560	.180	
22637D	5/16-18	312-18	C82	1.750	A	A	.560	.180	
22637H48	1/4-20	250-20	C82	.750	A	A	.507	.153	
22637N32	8-32	164-32	C82	.500	A	A	.332	.100	
22637P24	4-40	112-40	C82	.375	A	A	.225	.067	
22637P32	4-40	112-40	C82	.500	A	A	.225	.067	
22637R26	10-24	190-24	C82	1.500	A	A	.385	.116	
22637R96	10-24	190-24	C82	.406	A	A	.385	.116	
22638B	3/8-16	375-16	C82	.750	A	A	.762	.230	
22638C	3/8-16	375-16	C82	7.000	A	A	.762	.230	
22640	3/8-16	375-16	F.562	1.750	A	C	---	.234	
22640H224	1/4-20	250-20	F.437	3.500	A	C	---	.156	
22640H32	1/4-20	250-20	F.437	.500	A	C	---	.156	
22640M144	3/8-16	375-16	F.562	2.250	A	C	---	.234	
22640M96	3/8-16	375-16	F.562	1.500	A	C	---	.234	
22640R40	1/2-13	500-13	F.750	.625	A	C	---	.312	
22641	3/8-16	375-16	F.562	2.000	A	C	---	.234	
22642	5/16-18	312-18	F.500	1.000	A	C	---	.203	
22642K112	5/16-18	312-18	F.500	1.750	A	A	---	.203	
22642K32	5/16-18	312-18	F.500	.500	A	C	---	.203	
22642K48	5/16-18	312-18	F.500	.750	A	C	---	.203	
22644K40	5/16-24	312-24	F.500	.625	A	C	---	.203	
22644K48	5/16-24	312-24	F.500	.750	A	C	---	.203	
22644K80	5/16-24	312-24	F.500	1.250	A	C	---	.203	
22645H64	1/4-28	250-28	F.437	1.000	A	C	---	.172	
22649F16	10-32	190-32	D	.250	A	A	.359	.137	
22650AA2	8-32	164-32	B	.125	A	B.078	---	---	
22650AA7	8-32	164-32	B	.500	A	B.078	---	---	
22650AD4	1/4-20	250-20	B	.250	A	B.125	---	---	
22650AE10	5/16-18	312-18	B	.312	A	B.156	---	---	
22650AE4	5/16-18	312-18	B	.250	A	B.156	---	---	
22650AE6	5/16-18	312-18	B	.375	A	B.156	---	---	
22650AF8	3/8-16	375-16	B	.500	A	B.187	---	---	
22650CB4	10-24	190-24	B	.250	A	B.094	---	---	
22650CD4	1/4-20	250-20	B	.250	B	B.125	---	---	
22650CD6	1/4-20	250-20	B	.375	B	B.125	---	---	
22650CE6	5/16-18	312-18	B	.375	A	B.156	---	---	
22650CF6	3/8-16	375-16	B	.375	B	B.187	---	---	
22651AB-3	10-32	190-32	B	.187	A	B.094	---	---	
22651AB-4	10-32	190-32	B	.250	A	B.094	---	---	
22651CB12	10-32	190-32	B	.750	A	B.094	---	---	
22651CB4	10-32	190-32	B	.250	A	B.094	---	---	
22651CD3	1/4-28	250-28	B	.187	A	B.125	---	---	
22651CD4	1/4-28	250-28	B	.250	A	B.125	---	---	
22651CD5	1/4-28	250-28	B	.312	A	B.125	---	---	
22652A10	8-32	164-32	A	.625	A	B.140	.265	.164	
22652A12	8-32	164-32	A	.750	A	B.140	.265	.164	
22652A16	8-32	164-32	A	1.000	A	B.140	.265	.164	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

screws.mkg

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22652A20	8-32	164-32	A	1.250	A	B.140	.265	.164	
22652A4	8-32	164-32	A	.250	A	B.140	.265	.164	
22652A6	8-32	164-32	A	.375	A	B.140	.265	.164	
22652A8	8-32	164-32	A	.500	A	B.140	.265	.164	
22652B10	10-24	190-24	A	.625	A	B.156	.312	.190	
22652B12	10-24	190-24	A	.750	A	B.156	.312	.190	
22652B20	10-24	190-24	A	1.250	A	B.156	.312	.190	
22652B-8	10-24	190-24	A	.500	A	B.156	.312	.190	
22652D10	1/4-20	250-20	A	.625	A	B.156	.375	.250	
22652D12	1/4-20	250-20	A	.750	A	B.156	.375	.250	
22652D20	1/4-20	250-20	A	1.250	A	B.156	.375	.250	
22652D24	1/4-20	250-20	A	1.500	A	B.156	.375	.250	
22652D6	1/4-20	250-20	A	.375	A	B.156	.375	.250	
22652D8	1/4-20	250-20	A	.500	A	B.156	.375	.250	
22652E12	5/16-18	312-18	A	.750		B.250	.468	.312	
22652E14	5/16-18	312-18	A	.875	A	B.250	.468	.312	
22652E20	5/16-18	312-18	A	1.250	A	B.250	.468	.312	
22652F12	3/8-16	375-16	A	.750	A	B.312	.562	.375	
22652F16	3/8-16	375-16	A	1.000	A	B.312	.562	.375	
22652F20	3/8-16	375-16	A	1.250	A	B.312	.562	.375	
22652F32	3/8-16	375-16	A	2.000	A	B.312	.562	.375	
22652J10	6-32	138-32	A	.625	A	B.109	.218	.138	
22652J14	6-32	138-32	A	.875	A	B.109	.218	.138	
22652J6	6-32	138-32	A	.375	A	B.109	.218	.138	
22653B10	10-32	190-32	A	.625	A	B.156	.312	.190	
22653B12	10-32	190-32	A	.750	A	B.156	.312	.190	
22653B14	10-32	190-32	A	.875	A	B.156	.312	.190	
22653B16	10-32	190-32	A	1.000	A	B.156	.312	.190	
22653B20	10-32	190-32	A	1.250	A	B.156	.312	.190	
22653B24	10-32	190-32	A	1.500	A	B.156	.312	.190	
22653B36	10-32	190-32	A	2.250	A	B.156	.312	.190	
22653B4	10-32	190-32	A	.250	A	B.156	.312	.190	
22653B40	10-32	190-32	A	2.500	A	B.156	.312	.190	
22653B6	10-32	190-32	A	.375	A	B.156	.312	.190	
22653B8	10-32	190-32	A	.500	A	B.156	.312	.190	
22653D12	1/4-28	250-28	A	.750	A	B.156	.375	.250	
22653D16	1/4-28	250-28	A	1.000	A	B.156	.375	.250	
22653D24	1/4-28	250-28	A	1.500	A	B.156	.375	.250	
22653D32	1/4-28	250-28	A	2.000	A	B.156	.375	.250	
22653D4	1/4-28	250-28	A	.250	A	B.156	.375	.250	
22653D6	1/4-28	250-28	A	.375	A	B.156	.375	.250	
22653D8	1/4-28	250-28	A	.500	A	B.156	.375	.250	
22653E12	5/16-24	312-24	A	.750	A	B.250	.468	.312	
22653E14	5/16-24	312-24	A	.875	A	B.250	.468	.312	
22653E20	5/16-24	312-24	A	1.250	A	B.250	.468	.312	
22653F16	3/8-24	375-24	A	1.000	A	B.312	.562	.375	
22653F24	3/8-24	375-24	A	1.500	A	B.312	.562	.375	
22653F40	3/8-24	375-24	A	2.500	A	B.312	.562	.375	
22653J-4	6-40	138-40	A	.250	A	B.109	.250	.109	
22653J-8	6-40	138-40	A	.500	A	B.109	.250	.109	
22653K-6	5-44	125-44	A	.375	A	B.094	.250	.125	
22653L4	5-40	125-40	A	.250	A	B.094	.203	.125	
22653L8	5-40	125-40	A	.500	A	B.094	.203	.125	
22655B7	0-80	060-80	A	.109	A	A	.093	.047	
22656A12	8-32	164-32	C82	.750	A	B.094	.359	.112	
22656A6	8-32	164-32	C82	.375	A	B.094	.359	.112	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREWS.M3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22656D12	1/4-20	250-20	C82	.750	A	B.156	.531	.161	
22657D10	1/4-28	250-28	C82	.625	A	B.156	.500	.161	
22658K4	4-40	112-40	D	.250	A	B.063	.213	.059	
22660B16	10-32	190-32	A	.250	A	B.156	.312	.190	
22661	3/8-16	375-16	F.562	1.750	A	C	---	.234	
22665	6-32	138-32	D	.250	A	B.078	.260	.068	
22704	D	124-50	E	.161	A	A	.250	.073	
22705A	B	102-64	A	.265	A	A	.140	.125	
22707	H	155-40	F.281	.890	A	C	---	.109	
22711	J	182-40	E	.218	A	A	.437	.094	
22716	A	088-64	C110	.109	A	A	.170	.032	
22716A	A	088-64	C90	.084	A	A	.128	.031	
22716D	A	088-64	C90	.115	A	A	.125	.025	
22716D	A	088-64	C90	.140	A	A	.125	.025	
22729	G	146-40	A	.421	A	A	.225	.140	
22729AB	G	146-40	A	.625	A	F	.263	.141	
22729B	G	146-40	A	.812	A	A	.225	.094	
22729C	G	146-40	A	.453	A	F	.225	.140	
22729D	G	146-40	A	.515	A	A	.218	.140	
22729E	G	146-40	A	.593	A	A	.218	.140	
22729L	G	146-40	A	.422	A	B.125	.226	.138	
22729M	G	146-40	A	.375	C90	B.125	.250	.138	
22730	Q	214-32	E	.203	A	A	.437	.078	
22733	D	124-50	B	.171	A	A	---	---	
22733A	3/8-16	375-16	E	.265	A	A	.562	.110	
22733B	AK	368-24	E	.250	A	A	.500	.125	
22733C	--	597-32	E	.206	A	A	.718	.135	
22733E	--	869-20	E	.312	A	A	1.125	.312	
22738	A	088-64	A	.182	A	A	.135	.047	
22738A	A	088-64	A	.343	A	A	.120	.055	
22738B	A	088-64	A	.140	A	A	.136	.037	
22738C	A	088-64	A	.265	A	A	.120	.063	
22738D	A	088-64	A	.812	A	A	.120	.055	
22738F	A	088-64	A	.109	A	A	.135	.037	
22738G	A	088-64	E	.093	A	A	.125	.047	
22738H	A	088-64	E	.100	A	A	.106	.045	
22738M	Q	214-32	A	.640	A	A	.468	.070	
22738P	A	088-64	A	.150	A	A	.135	.037	
22738U	A	088-64	A	.205	A	A	.120	.060	
22743	G	146-40	B	.125	A	A	---	---	
22747	D	124-50	A	.359	A	A	.177	.078	
22747A	D	124-50	A	.625	A	A	.177	.078	
22747B	D	124-50	A	.500	A	F	.183	.093	
22752	Q	214-32	B	.125	D	A	---	---	
22757	J	182-40	E	.500	A	A	.375	.078	
22757C	M	183-32LH	C90	.406	A	A	.563	.126	
22757D	M	183-32LH	C82	.406	A	A	.281	.062	
22757E	L	183-32	C110	.328	E	A	.254	.044	
22759A	X	257-32	F.375	1.281	A	A	---	.265	
22764	J	182-40	B	.262	C71	A	---	---	
22764A	J	182-40	B	.325	C71	A	---	---	
22764A	J	182-40	B	.281	C71	A	---	---	
22764C	Q	214-32	B	.187	C71	A	---	---	
22766	G	146-40	C78	.227	A	A	.207	.038	
22767	B	102-64	A	.687	A	A	.156	.094	
22767A	B	102-64	A	.500	A	A	.156	.062	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

screwmax.xls

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22768	D	124-50	E	.218	A	F	.210	.078	
22768A	D	124-50	A	.107	A	A	.187	.093	
22768B	D	124-50	E	.250	A	A	.207	.062	
22768C	D	124-50	E	.218	A	A	.207	.062	
22775	G	146-40	E	.421	A	A	.375	.094	
22781	D	124-50	F218	.250	A	A	---	.094	
22781A	J	182-40	F.375	.328	A	A	---	.078	
22782A	H	155-40	F.281	.468	A	A	---	.109	
22784E	C	110-50	E	.140	A	A	.250	.062	
22784F	C	110-50	E	.250	A	A	.375	.047	
22784M	C	110-50	A	.156	A	A	.156	.109	
22785	4-40	112-40	B	.250	A	B.050	---	---	
22792A	L	183-32	F.281	.375	A	C	---	.062	
22797	C	110-50	A	.281	A	A	.156	.094	
22797A	C	110-50	A	.343	A	A	.218	.094	
22797B	C	110-50	A	.343	A	A	.156	.094	
22798	A	088-64	E	.075	A	A	.177	.050	
22798A	A	088-64	E	.187	A	A	.177	.048	
22798B	A	088-64	A	.156	A	A	.250	.094	
22798C	A	088-64	A	.070	A	A	.120	.055	
22804	D	124-50	E	.343	A	A	.250	.055	
22805	J	182-40	C78	.250	A	A	.263	.065	
22806A	X	257-32	A	.656	A	A	.375	.156	
22806D	X	257-32	A	.437	A	A	.500	.156	
22806G	X	257-32	A	1.250	A	B.187	.375	.250	
22807	Q	214-32	C63	.312	A	A	.297	.070	
22811	X	257-32	F.375	.750	A	C	---	.250	
22811B	X	257-32	F.375	.750	A	C	---	.203	
22813	10-24	190-24	B	.250	A	A	---	---	
22815	5/16-18	312-18	B	.625	C90	A	---	---	
22819	D	124-50	E	.132	A	A	.187	.086	
22824B	L	183-32	F.281	.343	A	A	---	.125	
22825	G	146-40	E	.171	F	A	.250	.062	
22829	J	182-40	E	.250	A	A	.343	.062	
22830	J	182-40	A	.187	A	A	.225	.078	
22836	Q	214-32	A	.250	A	A	.281	.094	
22839	Q	214-32	A	.406	A	A	.296	.094	
22839C	Q	214-32	A	.312	A	A	.312	.094	
22839D	Q	214-32	E	.453	A	A	.296	.094	
22839E	Q	214-32	A	.718	A	A	.312	.125	
22839G	10-32	190-32	C82	.375	A	B.125	.360	.116	
22840A	G	146-40	B	.437	F	A	---	---	
22840C	G	146-40	B	1.312	A	A	---	.156	
22847B	Y	314-24	A	.375	A	A	---	---	
22848	J	182-40	D	.343	A	A	.375	.125	
22849	G	146-40	D	.353	A	A	.250	.084	
22851	A	088-64	A	1.093	A	A	.187	.078	
22851C	A	088-64	A	1.250	A	A	.187	.078	
22851D	L	183-32	A	1.609	A	A	.343	.140	
22852	Q	214-32	F.281	.500	A	C	---	.125	
22852A	Q	214-32	F.375	.562	A	A	---	.156	
22852C	Q	214-32	F.375	.781	A	A	---	.218	
22852G	Q	214-32	F.250	.250	A	A	---	.125	
22861C	Q	214-32	A	.906	A	A	.437	.156	
22872	T	216-22	A	.375	A	A	.437	.125	
22874	J	182-40	A	.812	A	A	.328	.125	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22874C	J	182-40	A	.671	A	A	.328	.109	
22874F	J	182-40	A	1.140	A	A	.312	.125	
22875	8-32	164-32	A	.281	A	A	.328	.125	
22875H	10-32	190-32	A	.281	A	A	.375	.125	
22876	6-40	138-40	A	.500	A	A	.250	.094	
22878		187-32	B	.187	A	A	---	---	
22881A	10-32	190-32	F.312	1.359	A	A	---	.125	
22881B	1/4-32	250-32	F.375	.609	A	A	---	.281	
22881C	10-24	190-24	F.312	1.125	A	C	---	.109	
22882	Q	214-32	F.375	.375	A	A	---	.156	
22882A	Q	214-32	F.281	.812	A	A	---	.187	
22882C	Q	214-32	F.375	.812	A	C	---	.218	
22882D	Q	214-32	F.375	.187	A	A	---	.156	
22882E	10-32	190-32	F.281	.375	A	A	---	.125	
22884	W	255-40	A	.312	A	A	.296	.094	
22894	1/4-28	250-28	B	.257	C90	B.125	---	---	
22894AA	J	182-40	B	.171	C71	B.094	---	---	
22894AB	X	257-32	B	.500	A	B.125	---	---	
22894AC	W	255-40	B	.312	C71	B.125	---	---	
22894AD	Q	214-32	B	.250	A	B.094	---	---	
22894AE	X	257-32	B	.281	A	B.125	---	---	
22894AF	6-40	138-40	B	.187	A	B.062	---	---	
22894AM	J	182-40	B	.234	A	B.094	---	---	
22894AN	X	257-32	B	.281	A	B.140	---	---	
22894AT	Q	214-32	B	.343	D	B.094	---	---	
22894C	Q	214-32	B	.203	A	B.094	---	---	
22894D	Q	214-32	B	.265	C71	B.094	---	---	
22894E	Q	214-32	B	.500	A	B.094	---	---	
22894F	W	255-40	B	.312	A	B.125	---	---	
22894G	X	257-32	B	.562	A	B.125	---	---	
22894H	Q	214-32	B	.437	C71	B.094	---	---	
22894J	Q	214-32	B	.312	A	B.094	---	---	
22894K	Q	214-32	B	.390	C71	B.094	---	---	
22894L	Q	214-32	B	.312	C71	B.094	---	---	
22894P	J	182-40	B	.187	A	B.094	---	---	
22894R	L	183-32	B	.281	A	B.094	---	---	
22894T	Q	214-32	B	.140	A	B.094	---	---	
22894U	J	182-40	B	.250	C71	B.094	---	---	
22894V	W	255-40	B	.437	A	B.125	---	---	
22894W	J	182-40	B	.156	A	B	---	---	
22894X	W	255-40	B	.187	A	B.125	---	---	
22894Y	G	146-40	B	.125	A	B.062	---	---	
22901	4-40	112-40	B	.125	A	A	---	---	
22KH	D	124-50	A	.203	A	A	.187	.069	
230	D	124-50	B	.468	A	A	.182	.078	
25588	H	155-40	F.281	.187	A	C	---	.109	
25B	D	124-50	A	.125	A	A	.225	.086	
25C	14-20	242-20	E	.281	A	A	.405	.078	
25CC	J	182-40	A	.203	A	A	.312	.109	
25S	Q	214-32	A	.281	A	A	.437	.125	
28	D	124-50	A	.156	A	A	.225	.078	
28A	D	124-50	B	.065	A	A	---	---	
28B	D	124-50	B	.093	A	A	---	---	
28C	D	124-50	B	.125	A	A	---	---	
303	J	182-40	F.281	.406	A	C	---	.125	
318	X	257-32	A	.781	A	A	.437	.218	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
318B	X	257-32	A	.256	A	A	.437	.146	
33174B	J	182-40	A	.250	A	A	.225	.140	
357	G	146-40	A	.125	A	A	.250	.094	
376A	J	182-40	A	.343	A	A	.328	.078	
531	J	182-40	B	.265	A	A	—	—	
538	G	146-40	C78	.328	A	A	.207	.038	
604	C	110-50	E	.135	A	A	.177	.045	
605	C	110-50	A	.156	A	A	.177	.047	
605A	C	110-50	A	.218	A	A	.177	.047	
605C	C	110-50	A	.189	A	A	.189	.055	
627	Q	214-32	F.375	.593	A	F	—	.156	
627A	Q	214-32	F.375	.812	A	A	—	.156	
650-10	1/4-20	250-20	C82	1.250	A	A	.500	.140	
650-14	1/4-20	250-20	C82	1.750	A	A	.500	.140	
650-24	1/4-20	250-20	C82	3.000	A	A	.500	.140	
650AC36	3/8-16	375-16	C82	4.500	A	A	.750	.210	
650AD5	10-32	190-32	A	.625	A	A	.313	.180	
650X18	5/16-18	312-18	H	2.250	A	C	.700	.166	
650X20	5/16-18	312-18	H	2.500	A	C	.700	.166	
650X36	5/16-18	312-18	H	4.500	A	C	.700	.166	
660-598	6-32	138-32	A	.625	A	A	.290	.087	
69FD	5/16-18	312-18	G.312	.625	B	C	—	.245	
719	J	182-40	B	.484	A	A	—	—	
73	L	183-32	A	.187	A	A	.225	.125	
73A	A	088-64	A	.140	A	A	.177	.048	
73B	B	102-64	B	.110	A	A	—	—	
73C	D	124-50	B	.234	A	A	—	—	
73X	L	183-32	A	.187	A	A	.235	.094	
74	Q	214-32	A	.781	A	A	.328	.187	
74E	X	257-32	B	.281	A	A	—	—	
74E	X	257-32	B	.205	A	A	—	—	
75C	H	155-40	A	.437	A	A	.250	.125	
77	D	124-50	A	.187	A	F	.183	.093	
77A	D	124-50	A	.156	A	A	.187	.093	
77B	D	124-50	A	.328	A	A	.177	.109	
77F	D	124-50	E	.125	A	A	.220	.043	
77L	D	124-50	A	.244	A	A	.220	.079	
77P	D	124-50	A	.157	A	A	.177	.047	
77Y	D	124-50	B	.359	A	A	—	—	
78	J	182-40	B	.156	F	A	—	—	
79	L	183-32	A	.343	A	A	.250	.156	
79077	A	088-64	B	.203	A	A	—	—	
80	Q	214-32	C63	.515	E	A	.298	.080	
80175	H	155-40	A	.358	A	A	.255	.126	
80463A	AD	404-16	F.689	1.496	A	C	—	.354	
81	Q	214-32	B	.390	C71	A	—	—	
820	X	257-32	A	1.062	A	A	.437	.187	
87	G	146-40	C78	.250	A	A	.255	.070	
87A	G	146-40	C78	.296	A	A	.255	.070	
87U	D	124-50	A	.187	A	A	.224	.062	
88	J	182-40	B	.156	A	A	—	—	
888L		187-32	E	.250	A	A	.437	.047	
88A	J	182-40	A	.156	A	A	.263	.094	
88B	J	182-40	B	.140	A	A	—	—	
88D	J	182-40	A	.312	A	A	.375	.094	
88F	J	182-40	A	.718	A	A	.250	.172	

FASTENER SCREW LIST

(LISTED BYPART NUMBER)

screws.m43

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
89	J	182-40	B	.187	A	A	—	—	
90	G	146-40	A	.218	A	F	.250	.094	
90939	5/16-18	312-18	A	1.378	A	A	.591	.346	
91	G	146-40	A	.234	A	A	.207	.140	
916L	5-44	125-44	A	.437	A	A	.218	.062	
91A	C	110-50	A	.093	A	A	.177	.062	
91D	G	146-40	A	.296	A	A	.207	.140	
92122	D	124-50	A	.098	D	A	.150	.059	
92125	D	124-50	A	.374	A	A	.177	.079	
92125A	D	124-50	A	.453	A	A	.177	.079	
92201	Q	214-32	B	.859	F	A	—	—	
93	J	182-40	A	.437	A	F	.328	.125	
93A	J	182-40	A	.281	A	F	.312	.125	
93B	J	182-40	A	.689	A	A	.335	.118	
94	J	182-40	A	.250	A	A	.312	.094	
95	Q	214-32	B	.234	A	A	—	—	
95001		M8	F.512	.984	A	C	—	.216	
95002		M8	F.512	1.378	A	C	—	.216	
95003		M8	F.512	.787	A	C	—	.216	
95004		M10	F.669	1.181	A	C	—	.276	
95005		M10	F.669	1.574	A	C	—	.276	
95008		M12	F.748	3.150	A	C	—	.315	
95013		M8	F.512	1.772	A	C	—	.216	
95014		M12	F.748	1.575	A	C	—	.315	
95016		M8	F.512	1.574	A	C	—	.216	
95018		M6	F.394	1.181	A	C	—	.157	
95018A		M6	F.394	1.968	A	C	—	.157	
95020		M16	F.945	2.559	A	C	—	.394	
95022		M8	F.512	1.181	A	C	—	.216	
95028		M8	F.512	2.756	A	C	—	.216	
95028A		M8	F.512	3.150	A	C	—	.216	
95029		M6	F.394	.709	A	C	—	.157	
95050		M5	F.315	.591	A	C	—	.138	
95050A		M4	F.276	.394	A	C	—	0.11	
95051		M6	F.394	.591	A	C	—	.157	
95051A		M6	F.394	.315	A	C	—	.157	
95052		M8	F.512	.591	A	C	—	.216	
95053		M10	F.669	.591	A	C	—	.276	
95054		M10	F.669	.787	A	C	—	.276	
95055		M10	F.669	.984	A	C	—	.276	
95057		M6	F.394	.787	A	C	—	.157	
95059		M5	F.315	.394	A	C	—	.138	
95059AV		M3	F.216	.630	A	C	—	.079	
95060		M10	F.669	4.331	A	A	—	.276	
95062		M12	F.748	4.331	A	C	—	.315	
95063		M16	F.945	1.378	A	C	—	.394	
95064		M10	F.669	1.772	A	C	—	.276	
95065		M10	F.669	3.938	A	C	—	.276	
95066		M10	F.669	4.724	A	C	—	.276	
95067		M10	F.669	2.559	A	C	—	.276	
95068		M8	F.512	2.559	A	C	—	.216	
95068A		M8	F.512	2.165	A	C	—	.216	
95069		M12	F.748	1.378	A	C	—	.315	
95070		M6	F.394	.984	A	C	—	.157	
95071		M6	F.394	1.378	A	C	—	.157	
95072		M8	F.512	1.378	A	C	—	.216	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95074		M16	F.945	2.559	A	C	---	.394	
95075		M20x1.5	F1.181	.984	A	C	---	.630	
95101		M10	C90	.787	A	A	.787	.216	
95103A		M5	C90	.984	A	A	.362	.098	
95104		M8	C90	1.378	A	A	.630	.173	
95104A		M8	C90	1.575	A	A	.571	.157	
95105		M8	C90	.984	A	A	.630	.173	
95106		M6	C90	.787	A	A	.472	.130	
95107		M6	C90	1.181	A	A	.472	.130	
95108		M6	C90	1.575	A	A	.472	.130	
95109		M6	C90	.591	A	A	.472	.130	
95110		M4	C90	.315	A	A	.315	.091	
95110A		M4	C90	.315	A	A	.295	.087	
95111		M4	C90	.394	A	A	.315	.091	
95112		M8	C90	.787	A	A	.571	.157	
95115		M5	C90	.472	A	A	.394	.110	
95116		M4	C90	.197	A	A	.315	.091	
95117		M5	C90	.630	A	A	.362	.098	
95120		M6	C90	.315	A	A	.433	.118	
95121		M4	C90	.472	A	A	.295	.087	
95140		M10	C90	1.181	A	A	.390	.197	
95142		M8	C90	.472	A	A	.512	.110	
95142A		M8	C90	.630	A	A	.571	.157	
95144		M6	C90	.394	A	A	.394	.091	
95145		M6	C90	.591	A	A	.433	.118	
95146		M4	C90	.630	A	A	.295	.087	
95148B		M2	C90	.472	A	A	.091	.028	
95149		M4	C90	.787	A	A	.295	.087	
95150AV		M2.5	A	.181	A	A	.177	.063	
95150C		M1.6	A	.394	A	A	.118	.079	
95151		M4	A	.472	A	A	.276	.110	
95151V		M4	A	.472	A	A	.276	.110	
95152		M6	A	.591	A	A	.394	.157	
95152B		M4	A	1.575	A	A	.276	.102	
95153		M4	A	.709	A	A	.276	.110	
95153A		M6	A	.394	A	A	.394	.154	
95153V		M4	A	.709	A	A	.276	.110	
95154		M4	A	.591	A	A	.276	.110	
95154V		M4	A	.591	A	A	.276	.110	
95156		M4	A	.984	A	A	.276	.110	
95156V		M4	A	.984	A	A	.276	.102	
95157		M5	A	.394	A	A	.335	.130	
95158V		M4	A	.315	A	A	.276	.110	
95159V		M4	A	.394	A	A	.276	.110	
95160V		M4	A	1.968	A	A	.276	.110	
95161V		M4	A	.236	A	A	.276	.110	
95163		M6	A	.787	A	A	.394	.157	
95164		M4	A	1.102	A	A	.512	.192	
95165		M5	A	.472	A	A	.335	.130	
95166		M4	A	.315	A	A	.216	.079	
95166		M3	A	.315	A	A	.216	.079	
95166A		M3	A	.394	A	A	.216	.079	
95166AV		M3	A	.394	A	A	.216	.079	
95166C		M3	A	.236	A	A	.216	.079	
95166D		M3	A	.236	A	A	.216	.079	
95166V		M3	A	.315	A	A	.216	.079	

FASTENER SCREW LIST

(LISTED BYPART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95167		M3	A	.630	A	A	.216	.079	
95167		M4	A	.591	A	A	.216	.079	
95167A		M3	A	.551	A	A	.216	.079	
95167B		M3	A	1.181	A	A	.216	.079	
95167CV		M3	A	1.378	A	A	.216	.079	
95167DV		M3	A	1.575	A	A	.216	.079	
95168A		M5	A	.984	A	A	.335	.130	
95169		M5	A	.197	A	A	.335	.130	
95171		M3	A	.472	A	A	.216	.079	
95173		M4	A	1.378	A	A	.276	.102	
95174A		M5	A	.472	A	A	.335	.130	
95174V		M5	A	.315	A	A	.335	.130	
95175		M3	A	.984	A	A	.216	.079	
95175A		M3	A	.787	A	A	.216	.079	
95175B		M3	A	2.165	A	A	.216	.079	
95176Z		M4	A	.866	A	A	.276	.102	
95177		M5	A	.787	A	A	.335	.130	
95178A		M2	A	.236	A	A	.150	.051	
95178BV		M2	A	.394	A	A	.150	.051	
95179K		M3	A	.472	A	A	.216	.079	
95180A		M4	A	.315	A	A	.276	.102	
95180V		M4	E	.394	A	A	.315	.094	
95183		M3	E	.984	A	A	.236	.071	
95184AV		M5	E	1.968	A	A	.394	.118	
95184V		M5	E	1.575	A	A	.394	.118	
95204		M8	B	.472	C90	A	—	—	
95205		M6	B	.315	B	B.118	—	—	
95207		M2.5	B	.197	A	B.051	—	—	
95215		M8	B	.315	A	A	—	—	
95303		M3	C90	.315	A	A	.220	.065	
95310		M4	C90	.394	A	D	.295	.087	
95311AV		M3	C90	.394	A	D	.220	.065	
95311BV		M3	C90	.394	A	D	.220	.065	
95321Z		M8	F.512	.630	A	C	—	.216	
95323Z		M8	F.512	.984	A	C	—	.216	
95400		M6	A	.787	A	B.197	.394	.236	
95400A		M10	A	1.378	A	B.315	.630	.394	
95401		M6	A	1.378	A	B.197	.394	.236	
95402		M4	A	.984	A	B.118	.276	.157	
95402B		M3	A	.394	A	B.098	.216	.118	
95402C		M3	A	.630	A	B.098	.217	.118	
95402D		M3	A	.236	A	B.098	.217	.118	
95402E		M3	A	.472	A	B.198	.216	.118	
95402GR		M3	A	.787	A	B.098	.217	.118	
95403		M6	A	.630	A	B.197	.394	.236	
95403A		M5	A	.630	A	B.157	.335	.197	
95403C		M6	A	.472	A	B.197	.394	.236	
95404		M6	A	.984	A	B.197	.394	.236	
95405		M8	A	.591	A	B.236	.512	.315	
95405A		M8	A	1.575	A	B.236	.512	.315	
95406		M8	A	.866	A	B.236	.512	.315	
95406A		M4	A	.630	A	B.118	.276	.110	
95406B		M4	A	2.165	A	B.118	.276	.110	
95406C		M4	A	1.575	A	B.118	.276	.157	
95407		M6	A	1.181	A	B.197	.394	.236	
95408		M8	A	.984	A	B.236	.512	.315	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95408B		M10	A	.787	A	B.315	.630	.394	
95408C		M10	A	1.181	A	B.315	.630	.394	
95408D		M10	A	1.575	A	B.315	.630	.394	
95409		M4	A	.394	A	B.118	.276	.157	
95409A		M4	A	2.362	A	B.118	.276	.157	
95409B		M4	A	.315	A	B.118	.276	.157	
95409C		M4	A	.236	A	B.118	.276	.157	
95409D		M4	A	.472	A	B.118	.276	.157	
95410		M4	A	.709	A	B.118	.276	.176	
95410A		M8	A	2.362	A	B.236	.512	.315	
95411		M5	A	1.772	A	B.157	.335	.197	
95412		M5	A	1.378	A	B.157	.335	.197	
95412A		M5	A	.472	A	B.157	.335	.197	
95413		M6	A	.394	A	B.197	.394	.236	
95413A		M6	A	1.575	A	B.197	.394	.236	
95413B		M6	A	1.772	A	B.197	.394	.236	
95413C		M6	A	2.362	A	B.197	.394	.236	
95413D		M6	A	2.756	A	B.197	.394	.236	
95415		M4	A	1.181	A	B.118	.276	.157	
95416		M6	A	1.968	A	B.197	.394	.234	
95419		M4	A	.787	A	B.118	.276	.157	
95421		M5	A	.787	A	B.157	.335	.197	
95422		M5	A	1.181	A	B.157	.335	.197	
95423		M8	A	3.150	A	B.236	.512	.315	
95424		M5	A	.984	A	B.157	.335	.197	
95424A		M5	A	1.575	A	B.157	.335	.197	
95435		M3	C90	.197	A	B.079	.236	.067	
95435A		M3	C90	.315	A	B.079	.236	.067	
95437		M4	C90	.472	A	B.098	.315	.090	
95475B		M5	B	.630	D	B.098	---	---	
95500		M6	B	.315	A	B.118	---	---	
95510		M8	B	.394	A	B.157	---	---	
95511		M8	B	.787	A	B.157	---	---	
95514		M8	B	.630	A	B.157	---	---	
95515		M5	B	.787	A	B.079	---	---	
95515A		M5	B	1.378	A	B.098	---	---	
95516		M4	B	.197	A	B.079	---	---	
95516A		M4	B	.157	A	B.079	---	---	
95520		M10	B	1.968	A	B.197	---	---	
95525		M10	B	.630	A	B.197	---	---	
95526		M5	B	.315	A	B.098	---	---	
95528		M2.5	B	.118	B	B.051	---	---	
95542		M4	B	.236	B	B.079	---	---	
95653		M10	F.748	2.165	A	C	---	.315	
95656A		M5	D	.394	A	B.118	.374	.106	
95656B		M5	D	.630	A	B.118	.374	.106	
95656C		M5	D	.984	A	B.118	.374	.106	
95657		M4	D	.315	A	B.098	.295	.083	
95657A		M4	D	.394	A	B.098	.295	.083	
95657B		M4	D	.709	A	B.098	.295	.083	
95658		M6	D	1.181	A	B.157	.413	.126	
95658A		M6	D	.472	A	B.157	.413	.126	
95660		M10	D	.800	A	B.236	.670	.210	
95666V		M3	A	.488	A	A	.236	.094	
95685		M3	A	.197	A	B.098	.216	.079	
95686		M4	A	.394	A	B.098	.276	.110	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95830		M12	F.512	9.449	A	C	—	.315	
95860		M4	A	.236	A	B.118	.276	.110	
95861		M8	A	.787	A	B.236	.512	.197	
96	Q	214-32	B	.265	C71	A	—	—	
96A	Q	214-32	B	.312	C71	A	—	—	
96B	Q	214-32	B	.252	A	A	—	—	
97	G	146-40	A	.343	A	F	.225	.125	
98	Q	214-32	B	.203	A	A	—	—	
98A	E	126-40	A	.250	A	A	.270	.078	
99240	X	257-32	A	.256	A	A	.335	.138	
99242	J	182-40	C78	.433	A	A	.256	.076	
99248	J	182-40	F.281	.328	A	A	—	.125	
99252	Q	214-32	E	.122	A	A	.437	.071	
99252A	J	182-40	D	.236	A	B.125	.252	.118	
99253A	D	124-50	B	.169	A	A	.124	.047	
99256		404-16	A	.844	A	A	.625	.394	
99267	G	146-40	A	.256	A	A	.177	.091	
99271	G	146-40	A	1.331	A	A	.280	.087	
99274	5/16-18	312-18	A	.807	A	A	.472	.224	
99275	D	124-50	E	.173	A	A	.378	.067	
99277	B	102-64	B	.177	A	A	—	—	
99278	J	182-40	B	.173	C71	A	—	—	
99279	E	126-40	A	1.012	A	A	.256	.094	
99286	Y	314-24	E	.433	A	A	.787	.177	
99287	J	182-40	C78	1.386	A	B.125	.307	.091	
99287B	J	182-40	C78	.283	A	B.125	.307	.118	
99287C	J	182-40	C78	.220	A	B.125	.307	.118	
99287D	J	182-40	C78	.209	A	B.125	.307	.157	
99288	Q	214-32	B	.433	C60	A	—	—	
99289	X	257-32	A	.610	A	A	.437	.157	
99293	J	182-40	A	.268	A	A	.315	.075	
99295	J	182-40	A	.126	A	A	.378	.087	
99305	G	146-40	B	.276	D	A			
99306	G	146-40	B	.220	C71	A			
99307	C	110-50	B	.445	A	A	—	—	
99312	A	088-64	A	.189	A	A	.177	.079	
99313	G	146-40	E	.315	A	A	.276	.079	
99316	A	088-64	C90	.236	A	A	.126	.029	
99316A	D	124-50	C90	.461	A	A	.177	.051	
99316B		M3	C90	.492	A	A	.220	.059	
99316C		M3	C90	.768	A	A	.220	.059	
99316D		M3	C90	1.122	A	A	.220	.059	
99316F	A	088-64	A	1.260	A	A	.138	.039	
99316G		M3	C90	.248	A	B.094	.236	.102	
99318	D	124-50	A	.402	A	A	.256	.087	
99318A	D	124-50	A	.197	A	A	.394	.067	
99331	10-32	190-32	E	.630	A	A	.315	.098	
99334	G	146-40	A	.343	A	B.125	.224	.138	
99339	H	155-40	F.551	.512	A	C	—	.079	
99339A	D	124-50	F.126	.276	A	A	—	.079	
99339B		088-64	F.157	.276	A	A	—	.079	
99343	J	182-40	A	1.035	A	A	.335	.118	
99343B		M3	A	.988	A	A	.236	.098	
99343D		M3	A	.315	A	A	.216	.079	
99346	7/16-27	437-27	B	.374	A	B.219	—	—	
99346A		M24x1.5	B	.787	A	A	—	—	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
99346B	J	182-40	B	.315	A	B.094	---	---	
99347		M12x1	A	.315	A	A	.776	.138	
99359	C	110-50	A	.197	A	B.093	.216	.115	
99360	C	110-50	A	.276	A	B.094	.216	.118	
99366		M14x0.75	A	.236	A	A	.630	.079	
99366A		M10x1	A	.197	A	A	.472	.079	
99371B	Q	214-32	A	.787	A	B.156	.374	.236	
99371D	G	146-40	A	.256	A	B.125	.256	.138	
99371E	Q	214-32	A	.669	A	B.188	.354	.236	
99371G	J	182-40	A	.512	A	B.156	.335	.236	
99371H		M4	A	.827	A	B.118	.433	.197	
99373	J	182-40	F.281	.472	A	C	---	.197	
99373A	B	102-64	F.197	.122	A	A	---	.075	
99373B	D	124-50	F.281	.394	A	C	---	.098	
99373C	L	183-32	F.281	.512	A	A	---	.118	
99375		M1.6	A	.236	A	A	.118	.039	
99376	--	597-32	A	.216	A	A	.779	.130	
99376A	W	255-40	A	.220	A	A	.315	.094	
99393	D	124-50	A	.787	A	A	.220	.098	
99393A	D	124-50	A	.173	A	A	.177	.055	
99520	Q	214-32	F.374	.728	A	C	---	.098	
99685		M3	A	.197	A	B.118	.335	.098	
AS22D	G	146-40	C78	.250	A	A	.225	.065	
BP108	X	257-32	F.375	.500	A	C	---	.265	
C99267	G	146-40	A	.256	A	A	.177	.091	
CS313		187-32	A	.437	A	A	.343	.156	
CS320 1/2	1/4-24	250-24	B	.312	A	A	---	---	
CS327		156-40	A	.437	A	A	.312	.094	
CS331		218-32	A	.375	A	A	.312	.156	
CS335	5-44	125-44	A	.250	A	A	.312	.062	
CS337		156-40	A	.187	A	A	.312	.094	
FP342		218-32	A	.625	A	A	.562	.172	
FP505		187-32	E	.500	A	A	.375	.078	
G22516A	D	124-50	A	.079	A	A	.177	.031	
G22519	J	182-40	F.281	.201	A	C	---	.102	
G22541	L	183-32	A	.657	A	A	.299	.122	
G22561A	D	124-50	A	.079	A	A	.177	.031	
G22569	L	183-32	A	.578	E	A	.250	.140	
G22585A	G	146-40	E	.394	A	A	.315	.063	
G22823B	1/4-28	250-28	C82	1.161	A	A	.437	.181	
G303	J	182-40	F.281	.406	A	C	---	.102	
G41228A	A	088-64	A	.067	A	A	.177	.047	
G89	J	182-40	B	.150	C90	A	---	---	
HA61D	Q	214-32	A	.312	A	A	.328	.156	
HA73B	D	124-50	B	.156	A	A	---	---	
HA81	X	257-32	B	.453	C71	A	---	---	
HA95	X	257-32	B	.375	A	A	---	---	
HS24C	G	146-40	A	.156	A	A	.250	.094	
HT2C	D	124-50	A	.094	A	A	.177	.031	
J79J	L	183-32	A	.421	A	A	.250	.171	
J80K	Y	314-24	B	.161	A	A	---	---	
J87J	D	124-50	A	.281	A	A	.225	.093	
LS314		187-32	A	.250	A	A	.312	.109	
LS330		156-40	B	.250	A	A	---	---	
LS395		218-32	A	.625	A	A	.500	.187	
LS398	5/16-24	312-24	B	1.062	C60	A	---	---	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SC170	3/8-16	375-16	C82	1.000	A	A	.762	.230	
SC181	10-24	190-24	D	2.000	A	A	.359	.136	
SC191	6-32	138-32	D	1.250	A	A	.260	.103	
SC198	10-24	190-24	D	.500	A	A	.359	.136	
SC457	5/16-18	312-18	D	2.000	A	A	.562	.246	
SC460	5/16-18	312-18	C82	2.000	A	A	.636	.192	
SC461	5/16-18	312-18	C82	1.500	A	A	.636	.192	
SC475	5/16-18	312-18	D	2.250	A	A	.562	.246	
SC515	1/4-20	250-20	F.437	3.750	A	C	—	.156	
SC7	1/4-20	250-20	F.437	1.500	A	C	—	.156	
SM1020450TP		M2x0.4	C90	.157	A	A	.157	.047	18-1455
SM6020250TP		M2x0.4	A	.079	A	A	.138	.051	18-1457
SM6020600TP		M2x0.4	A	.236	A	A	.138	.051	18-1452
SM6021000TP		M2x0.4	A	.394	A	A	.138	.051	18-1454
SS1060610SP		094-56	C90	.217	A	A	.190	.047	18-1403
SS1110710SP		172-40	C90	.256	A	A	.236	.078	18-1186
SS1110840SP		172-40	C90	.315	A	A	.291	.059	18-1402
SS1120710SP		187-28	C60	.264	A	A	.268	.071	
SS1121010SP		187-28	C90	.394	A	A	.291	.059	18-1418
SS1151310TP		234-28	C90	.512	A	A	.394	.079	
SS2090520SL		140-40	C60	.216	A	A	.197	.071	
SS2090620SP		140-40	C90	.236	A	A	.236	.047	18-1414
SS2090640TP		140-40	C90	.256	A	A	.236	.067	18-1291
SS2090810SP		140-40	C90	.315	A	A	.236	.098	
SS2090830SL		140-40	C90	.315	A	A	.236	.068	
SS2110710TP		172-40	C95	.276	A	A	.291	.083	18-1401
SS2110910SL		172-40	C95	.353	A	A	.291	.083	
SS2110920TP		172-40	C95	.350	A	A	.291	.083	18-1196
SS2111010TP		172-40	C90	.472	A	A	.291	.094	
SS3090510SP		140-40	D	.197	A	A	.236	.079	
SS3090530SP		140-40	E	.177	A	A	.354	.079	18-1469
SS3090610SP		140-40	D	.236	A	A	.276	.098	18-1400
SS4060310SP		094-56	E	.099	A	A	.138	.047	18-1399
SS4080320TP	5-44	125-44	E	.134	A	A	.197	.059	18-1398
SS4080610SP	5-44	125-44	E	.252	A	A	.197	.059	18-1397
SS4080620TP	5-44	125-44	E	.236	A	A	.197	.059	18-1328
SS4090515SP		140-40	E	.197	A	E	.236	.090	18-1396
SS4090610SP		140-40	E	.236	A	A	.256	.098	18-1224
SS4090615SP		140-40	E	.236	A	E	.236	.090	18-1395
SS4090815SP		140-40	E	.315	A	E	.236	.090	18-1394
SS4091015SP		140-40	E	.394	A	E	.236	.090	18-1393
SS4110515SP		172-40	E	.197	A	E	.276	.102	
SS4110615SP		172-40	E	.236	A	E	.276	.102	
SS4110715SP		172-40	E	.276	A	E	.276	.102	18-1392
SS4110815SP		172-40	E	.315	A	E	.276	.102	18-1264
SS4110910TP		172-40	E	.354	A	A	.276	.091	18-1467
SS4110915SP		172-40	E	.354	A	E	.276	.102	18-1391
SS4111215SP		172-40	E	.472	A	E	.276	.102	
SS4120615SP		187-28	E	.236	A	E	.315	.114	18-1263
SS4120915SP		187-28	E	.354	A	E	.315	.114	18-1461
SS4121015SP		187-28	E	.394	A	E	.315	.114	18-1390
SS4121215SP		187-28	E	.473	A	E	.315	.114	18-1389
SS4121615SP		187-28	E	.630	A	E	.315	.114	18-1442
SS4150715SP		234-28	E	.276	A	E	.413	.154	18-1388
SS4151215SP		234-28	E	.472	A	E	.413	.154	18-1269
SS4151415SP		234-28	E	.551	A	E	.413	.154	18-1387

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

screws.m3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS4622340SP		187-32	A	.906	A	A	.276	.157	
SS5060410SP		094-56	E	.138	A	A	.197	.047	18-1386
SS5090610SP		140-40	E	.236	A	A	.276	.059	18-1464
SS5110710SP		172-40	E	.276	A	A	.472	.079	18-1385
SS5110740TP		172-40	E	.256	A	A	.315	.059	
SS5110810SP		172-40	E	.315	A	A	.315	.059	18-1222
SS5150510SP		234-28	E	.197	A	A	.394	.098	18-1384
SS6060210SP		094-56	A	.075	A	A	.177	.059	18-1383
SS6060340SP		094-56	A	.099	A	A	.157	.079	18-1382
SS6060410TP		094-56	A	.138	A	A	.197	.059	18-1381
SS6060440TP		094-56	A	.158	A	A	.197	.059	18-1380
SS6060510TP		094-56	A	.177	B	A	.157	.059	
SS6080320SP	5-44	125-44	A	.098	A	A	.197	.055	18-1430
SS6080340SP	5-44	125-44	A	.114	A	A	.197	.059	
SS6080360SP	5-44	125-44	A	.126	A	A	.173	.059	18-272
SS6080410SP	5-44	125-44	A	.157	A	A	.197	.059	18-1379
SS6080610TP	5-44	125-44	A	.236	A	A	.299	.079	18-1292
SS6080720SP	5-44	125-44	A	.276	A	A	.173	.079	18-1276
SS6081210SP	5-44	125-44	A	.472	A	A	.216	.075	18-1220
SS6090420SP		140-40	E	.157	A	A	.236	.039	18-1378
SS6090440SP		140-40	A	.158	A	A	.197	.059	18-1377
SS6090620SP		140-40	A	.236	A	A	.216	.059	18-1376
SS6090630SP		140-40	E	.236	A	A	.315	.059	18-1375
SS6090630TP		140-40	A	.236	a	A	.315	.059	
SS6090650SP		140-40	A	.236	A	A	.236	.098	18-1374
SS6090810SP		140-40	A	.295	A	A	.236	.098	
SS6090810TP		140-40	A	.296	A	A	.236	.098	18-1373
SS6090910TP		140-40	A	.354	A	A	.236	.079	
SS6091022TP		140-40	A	.394	A	B.138	.276	.177	18-1287
SS6110420TP		172-40	A	.189	A	A	.209	.059	18-1372
SS6110480SP		172-40	A	.169	A	A	.315	.051	
SS6110610TP		172-40	E	.236	A	A	.315	.051	18-1371
SS6110650TP		172-40	A	.217	A	A	.216	.102	18-1370
SS6110670TP		172-40	A	.252	A	A	.276	.079	18-1421
SS6110710TP		172-40	A	.256	A	A	.216	.118	18-1327
SS6110820TP		172-40	A	.315	A	A	.197	.079	
SS6111010SP		172-40	A	.374	A	A	.315	.138	18-1293
SS6111010TP		172-40	A	.374	A	A	.315	.138	
SS6111040SP		172-40	A	.374	A	A	.276	.118	18-1369
SS6111110SP		172-40	A	.433	A	A	.197	.098	
SS6111140SP		172-40	A	.433	A	A	.394	.118	
SS6111210SP		172-40	A	.472	A	A	.315	.138	18-1329
SS6111440SP		172-40	A	.531	A	A	.197	.118	18-1366
SS6111610SP		172-40	A	.630	A	A	.276	.102	18-1367
SS6111740SP		172-40	A	.670	A	A	.197	.118	18-1368
SS6120930SP		187-28	A	.355	A	A	.433	.138	18-1219
SS6120930TP		187-28	A	.355	A	A	.433	.138	18-1218
SS6120940SP		187-28	A	.355	A	A	.315	.114	18-1325
SS6121010SP		187-28	A	.394	A	A	.315	.114	18-1326
SS6121020SP		187-28	A	.374	A	A	.197	.098	18-1365
SS6121050SP		187-28	A	.375	A	A	.335	.079	18-1217
SS6121060SP		187-28	A	.374	A	A	.276	.118	
SS6121210SP		187-28	A	.472	A	A	.315	.114	
SS6121212TP		187-28	A	.473	A	B.156	.295	.216	18-1298
SS6121220TP		187-28	A	.453	A	A	.335	.098	18-1364
SS6121240SP		187-28	A	.473	A	A	.472	.138	18-1363

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS6121610TP		187-28	A	.610	A	A	.276	.138	18-1216
SS6121860SP		187-28	A	.709	A	A	.433	.138	18-1294
SS6122030SP		187-28	A	.788	A	A	.315	.157	18-1361
SS6122510SP		187-28	A	.990	A	A	.295	.118	18-1362
SS6123010SP		187-28	A	1.181	A	A	.315	.118	
SS6150810SP		234-28	A	.315	A	A	.315	.157	
SS6151040SP		234-28	A	.939	A	A	.512	.157	18-1215
SS6151142TP		234-28	A	.433	A	B.157	.276	.216	18-1274
SS6151220SP		234-28	A	.453	A	A	.315	.197	
SS6151440SP		234-28	A	.551	A	A	.394	.157	18-1360
SS6151812TP		234-28	A	.709	A	B.197	.394	.236	18-1358
SS6151820TP		234-28	A	.689	D	A	.394	.118	18-1359
SS6151920SP		234-28	A	.748	A	A	.315	.138	18-1295
SS6152440SP		234-28	A	.925	A	A	.354	.256	18-1214
SS6153040SP		234-28	A	1.181	A	A	.354	.157	18-1296
SS6620730SP		187-32	A	.276	A	A	.256	.118	18-1406
SS6621212TP		187-32	A	.472	A	B.157	.295	.236	18-1405
SS6660610TP		250-40	A	.236	A	A	.276	.118	
SS6660710TP		250-40	A	.276	A	A	.315	.157	
SS6660712TP		250-40	A	.276	A	B.157	.276	.157	18-1213
SS6741010SP		375-28	E	.394	A	A	.669	.138	18-1357
SS7060310SP		094-56	A	.118	A	A	.177	.059	18-1282
SS7060510SP		094-56	E	.189	A	A	.177	.047	18-1355
SS7060610SP		094-56	E	.217	A	A	.177	.047	18-1356
SS7060810SP		094-56	A	.315	A	A	.150	.059	18-1262
SS7080310SP	5-44	125-44	E	.118	A	A	.354	.059	18-1212
SS7080410SP	5-44	125-44	A	.375	A	A	.216	.098	18-1281
SS7080510TP	5-44	125-44	A	.111	A	A	.197	.083	18-1261
SS7080520SP	5-44	125-44	A	.193	A	A	.197	.083	18-1280
SS7090410SP		140-40	A	.138	A	A	.236	.098	18-1270
SS7090510SP		140-40	A	.181	A	A	.276	.098	18-1210
SS7090520SP		140-40	A	.178	A	A	.236	.098	18-1260
SS7090520TP		140-40	A	.178	A	A	.236	.098	18-1351
SS7090530SP		140-40	A	.178	A	A	.228	.059	18-1352
SS7090540TP		140-40	A	.197	A	A	.315	.098	18-1353
SS7090610SP		140-40	A	.236	A	A	.315	.098	18-1354
SS7090611SL		140-40	E	.240	A	D	.213	.055	
SS7090620TP		140-40	A	.240	A	A	.205	.059	18-1209
SS7090710SL		140-40	A	.268	A	A	.276	.098	18-1348
SS7090710SP		140-40	A	.268	A	A	.276	.098	18-1349
SS7090850SP		140-40	E	.315	A	A	.283	.059	18-1350
SS7090910SP		140-40	A	.335	A	A	.236	.098	
SS7090910TP		140-40	A	.335	A	A	.236	.098	18-1208
SS7091110SP		140-40	A	.413	A	A	.276	.055	
SS7091110TP		140-40	A	.413	A	A	.276	.079	18-1433
SS7091410SP		140-40	A	.053	A	A	.276	.079	18-1347
SS7091810SP		140-40	A	.689	A	A	.315	.118	18-1412
SS7092110TP		140-40	A	.827	A	A	.256	.118	18-1436
SS7110340SP		172-40	E	.189	A	A	.315	.063	18-1259
SS7110410SP		172-40	A	.158	A	A	.256	.071	18-1346
SS7110510SP		172-40	A	.197	A	A	.307	.094	18-1345
SS7110570SP		172-40	A	.189	A	A	.394	.087	
SS7110710SL		172-40	A	.276	A	A	.276	.079	18-1341
SS7110710SP		172-40	A	.276	A	A	.276	.079	18-1342
SS7110720SP		172-40	A	.275	A	A	.236	.098	18-1343
SS7110720TP		172-40	A	.276	A	A	.236	.098	18-1344

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

screws.xls

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS7110740TL		172-40	A	.276	A	A	.276	.114	
SS7110810SP		172-40	A	.315	A	A	.216	.118	18-1340
SS7110820SN		172-40	A	.295	A	A	.335	.087	18-1258
SS7110840SP		172-40	A	.308	A	A	.315	.087	18-1257
SS7110910SP		172-40	A	.335	A	A	.276	.098	
SS7110910TP		172-40	A	.335	A	A	.276	.098	18-1339
SS7111120SP		172-40	A	.413	A	A	.276	.098	18-1277
SS7111120TP		172-40	A	.413	A	A	.276	.098	18-1458
SS7111410SP		172-40	A	.551	A	A	.276	.114	18-1338
SS7111410TK		172-40	A	.551	A	A	.276	.114	
SS7111410TP		172-40	A	.551	A	A	.276	.114	18-1206
SS7111810SP		172-40	A	.709	A	A	.276	.118	
SS7112420SP		172-40	A	.095	A	A	.276	.118	18-1337
SS7120640SP		187-28	A	.236	A	A	.315	.118	18-1297
SS7120710SP		187-28	A	.276	A	A	.276	.118	18-1279
SS7120910SP		187-28	A	.355	A	A	.256	.098	18-1336
SS7121410TP		187-28	A	.551	A	A	.315	.126	18-1335
SS7121610SP		187-28	A	.610	A	A	.295	.150	
SS7150740SP		234-28	A	.276	A	A	.354	.098	18-1256
SS7150910TP		234-28	A	.354	A	A	.394	.154	
SS7150940SP		234-28	A	.354	A	A	.315	.157	18-1204
SS7151120SP		234-28	A	.433	A	A	.295	.118	18-1334
SS7151210SP		234-28	A	.472	A	A	.394	.138	18-1203
SS7151310TP		234-28	A	.511	A	A	.433	.138	18-1333
SS7151340TP		234-28	A	.492	A	A	.433	.138	18-1332
SS7151550SP		234-28	A	.826	D	A	.276	.142	18-1331
SS7161040SP	1/4-24	250-24	A	.374	A	A	.630	.138	18-1330
SS7621040SP		187-32	A	.374	A	A	.315	.098	18-1407
SS7660520SP		250-40	A	.197	A	A	.669	.098	18-1441
SS7661110TH		250-40	A	.433	F	A	.307	.157	18-1290
SS7681410TP		281-28	A	.531	D	A	.354	.118	18-1466
SS7701610SN	5/16-24	312-24	A	.630	A	A	.531	.118	18-1428
SS8080310TP	5-44	125-44	B	.110	A	A	---	---	18-1289
SS8080322TP	5-44	125-44	B	.126	C90	B.062	---	---	18-1324
SS8080410TP	5-44	125-44	B	.138	A	A	---	---	18-416
SS8080610SP	5-44	125-44	B	.216	A	A	---	---	18-1323
SS8090410SP		140-40	B	.138	A	A	---	---	18-1322
SS8090530TP		140-40	B	.197	C90	A	---	---	
SS8090540SP		140-40	B	.197	C90	A	---	---	18-1415
SS8090710SP		140-40	B	.276	A	A	---	---	18-1460
SS8110310SP		172-40	B	.110	A	A	---	---	18-1202
SS8110410TP		172-40	B	.138	A	A	---	---	18-1201
SS8110422TP		172-40	B	.158	A	B.079	---	---	18-1321
SS8110510SP		172-40	B	.197	A	A	---	---	18-1319
SS8110520TP		172-40	B	.178	A	A	---	---	18-1320
SS8110710SP		172-40	B	.256	A	A	---	---	
SS8110750SP		172-40	B	.256	C60	A	---	---	18-1200
SS8111010TP		172-40	B	.374	A	A	---	---	
SS8120410SP		187-28	B	.150	A	A	---	---	18-1288
SS8120740SP		187-28	B	.276	A	A	---	---	18-1318
SS8123070SP		187-28	B	1.062	F	A	---	---	18-1420
SS8150410SP		234-28	B	.158	A	A	---	---	18-1199
SS8150410TP		234-28	B	.158	A	A	---	---	18-1198
SS8150510TP		172-40	B	.185	A	A	---	---	
SS8150710SP		234-28	B	.276	A	A	---	---	18-1248
SS8150710TP		234-28	B	.276	A	A	---	---	

FASTENER SCREW LIST

(LISTED BY PART NUMBER)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS8151150SP		234-28	B	.413	D	A	--	--	18-1247
SS8151150TP		234-28	B	.413	D	A	--	--	18-1197
SS8151230SP		234-28	B	.473	A	A	--	--	18-1301
SS8151350SP		234-28	B	.511	C60	A	--	--	18-1302
SS8151570SP		234-28	B	.590	C60	A	--	--	18-1245
SS8152030SP		234-28	B	.788	A	A	--	--	18-1246
SS8620610TP		187-32	B	.236	A	A	--	--	18-533
SS8660330SP		250-40	B	.118	A	A	--	--	
SS8660410SP		250-40	B	.165	A	A	--	--	18-1462
SS8660512TP		250-40	B	.197	A	B.118	--	--	18-1255
SS8660530TP		250-40	B	.177	A	A	--	--	18-1316
SS8660610TP		250-40	B	.236	A	A	--	--	18-1317
SS8660612TP		250-40	B	.236	A	B.118	--	--	18-1242
SS8660942TP		250-40	B	.335	C90	B.118	--	--	18-1241
SS8661012TP		250-40	B	.394	A	B.118	--	--	18-1285
SS8661212TP		250-40	B	.453	C60	B.118	--	--	18-1299
SS8680810TP		281-28	B	.315	A	A	--	--	18-1273
SS8681130SP		281-28	B	.433	E	A	--	--	18-1315
SS8681412TP		281-28	B	.531	E	B.118	--	--	18-1240
SS8701042TP	5/16-24	312-24	B	.394	A	B.157	--	--	18-1239
SS8701782TP	5/16-24	312-24	B	.669	D	B.157	--	--	18-1238
SS9080410SP	5-44	125-44	F.197	.169	A	A	--	.059	18-1286
SS9090410TP		140-40	F.197	.138	A	A	--	.059	18-1435
SS9090610TP		140-40	F.197	.216	A	A	--	.059	
SS9090640SP		140-40	F.236	.354	A	A	--	.098	18-1303
SS9090813TP		140-40	F.276	.315	A	C	--	.098	18-1314
SS9110430TP		172-40	F.197	.158	A	A	--	.059	18-1313
SS9110543CP		172-40	F.354	.209	A	C	--	.118	18-1465
SS9111010SP		172-40	F.276	.374	A	A	--	.138	18-1254
SS9111050SP		172-40	F.276	.374	A	A	--	.138	18-1312
SS9111610SP		172-40	F.236	.630	A	A	--	.118	18-1311
SS9111820SP		172-40	F.276	.709	A	A	--	.118	18-1410
SS9112310SP		172-40	F.236	.906	A	A	--	.118	18-1310
SS9112520SP		172-40	F.276	.984	A	A	--	.138	
SS9120643TP		187-28	F.394	.236	A	C	--	.138	18-1236
SS9120910TP		187-28	F.276	.355	A	A	--	.079	18-1411
SS9121010TP		187-28	F.276	.374	A	A	--	.138	18-1304
SS9121340CP		187-28	F.315	.511	A	A	--	.138	18-1413
SS9150730SP		234-28	F.315	.276	A	A	--	.118	
SS9150860SP		234-28	F.315	.315	E	A	--	.157	
SS9151120CP		234-28	F.354	.433	A	A	--	.138	18-1253
SS9151160CP		234-28	F.394	.413	A	A	--	.177	18-1234
SS9151210TP		234-28	F.354	.523	A	A	--	.205	18-1309
SS9151420TP		234-28	F.354	.551	C120	A	--	.157	18-1235
SS9151630CP		234-28	F.354	.610	A	A	--	.177	18-1233
SS9151740CP		234-28	F.354	.669	A	A	--	.157	18-1305
SS9152130CP		234-28	F.354	.807	A	A	--	.177	18-1308
SS9161610SP	1/4-24	250-24	F.433	.630	A	A	--	.315	18-1409
SS9202443CP	5/16-18	312-18	F.551	.945	A	C	--	.276	18-1231
SS9621413SP		187-32	F.315	.531	A	C	--	.157	18-1230
SS9661230CP		250-40	F.354	.472	A	A	--	.157	18-1307
SS9681610TP		281-28	F.433	.630	A	A	--	.197	18-1306
T26	D	124-50	A	.110	A	A	.216	.079	
T38	J	182-40	F.281	.687	A	C	--	.125	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.xls

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22655B7	0-80	060-80	A	.109	A	A	.093	.047	
22564F	1-72	073-72	A	.078	A	A	.093	.031	
1789L	1-72	073-72	C82	.094	A	A	.125	.020	
18-345	2-56	086-56	A	.055	A	A	.156	.032	
18-609	2-56	086-56	A	.063	A	A	.187	.032	
1036L	2-56	086-56	A	.080	A	A	.125	.047	
18-292	2-56	086-56	A	.093	A	A	.187	.032	
18-983	2-56	086-56	A	.093	A	A	.125	.031	
1075L	2-56	086-56	A	.125	A	A	.156	.062	
18-125	2-56	086-56	A	.125	A	A	.187	.047	
18-270	2-56	086-56	A	.125	A	A	.187	.062	
18-134	2-56	086-56	C82	.148	A	A	.156	.040	
18-261	2-56	086-56	E	.078	A	A	.156	.047	
18-621	2-56	086-56	E	.125	A	A	.156	.062	
18-340	2-56	086-56	E	.156	A	A	.187	.032	
G41228A	A	088-64	A	.067	A	A	.177	.047	
22798C	A	088-64	A	.070	A	A	.120	.055	
22738F	A	088-64	A	.109	A	A	.135	.037	
73A	A	088-64	A	.140	A	A	.177	.048	
22738B	A	088-64	A	.140	A	A	.136	.037	
22738P	A	088-64	A	.150	A	A	.135	.037	
22798B	A	088-64	A	.156	A	A	.250	.094	
22738	A	088-64	A	.182	A	A	.135	.047	
99312	A	088-64	A	.189	A	A	.177	.079	
22738U	A	088-64	A	.205	A	A	.120	.060	
18-1140	A	088-64	A	.234	A	A	.218	.063	
22738C	A	088-64	A	.265	A	A	.120	.063	
22738A	A	088-64	A	.343	A	A	.120	.055	
22738D	A	088-64	A	.812	A	A	.120	.055	
22851	A	088-64	A	1.093	A	A	.187	.078	
22851C	A	088-64	A	1.250	A	A	.187	.078	
99316F	A	088-64	A	1.260	A	A	.138	.039	
1096	A	088-64	B	.093	A	A	—	—	
1096B	A	088-64	B	.140	A	A	—	—	
79077	A	088-64	B	.203	A	A	—	—	
22716A	A	088-64	C90	.084	A	A	.128	.031	
22716D	A	088-64	C90	.115	A	A	.125	.025	
22716D	A	088-64	C90	.140	A	A	.125	.025	
99316	A	088-64	C90	.236	A	A	.126	.029	
22716	A	088-64	C110	.109	A	A	.170	.032	
22798	A	088-64	E	.075	A	A	.177	.050	
22738G	A	088-64	E	.093	A	A	.125	.047	
22738H	A	088-64	E	.100	A	A	.106	.045	
22798A	A	088-64	E	.187	A	A	.177	.048	
99339B		088-64	F.157	.276	A	A	—	.079	
SS6060210SP		094-56	A	.075	A	A	.177	.059	18-1383
SS6060340SP		094-56	A	.099	A	A	.157	.079	18-1382
SS7060310SP		094-56	A	.118	A	A	.177	.059	18-1282
SS6060410TP		094-56	A	.138	A	A	.197	.059	18-1381
SS6060440TP		094-56	A	.158	A	A	.197	.059	18-1380
SS6060510TP		094-56	A	.177	B	A	.157	.059	
SS7060810SP		094-56	A	.315	A	A	.150	.059	18-1262
SS1060610SP		094-56	C90	.217	A	A	.190	.047	18-1403
SS4060310SP		094-56	E	.099	A	A	.138	.047	18-1399
SS5060410SP		094-56	E	.138	A	A	.197	.047	18-1386
SS7060510SP		094-56	E	.189	A	A	.177	.047	18-1355

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M63

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS7060610SP		094-56	E	.217	A	A	.177	.047	18-1356
22705A	B	102-64	A	.265	A	A	.140	.125	
22767A	B	102-64	A	.500	A	A	.156	.062	
22767	B	102-64	A	.687	A	A	.156	.094	
73B	B	102-64	B	.110	A	A	—	—	
99277	B	102-64	B	.177	A	A	—	—	
99373A	B	102-64	F.197	.122	A	A	—	.075	
91A	C	110-50	A	.093	A	A	.177	.062	
605	C	110-50	A	.156	A	A	.177	.047	
22784M	C	110-50	A	.156	A	A	.156	.109	
605C	C	110-50	A	.189	A	A	.189	.055	
99359	C	110-50	A	.197	A	B.093	.216	.115	
605A	C	110-50	A	.218	A	A	.177	.047	
99360	C	110-50	A	.276	A	B.094	.216	.118	
22797	C	110-50	A	.281	A	A	.156	.094	
22797A	C	110-50	A	.343	A	A	.218	.094	
22797B	C	110-50	A	.343	A	A	.156	.094	
99307	C	110-50	B	.445	A	A	—	—	
604	C	110-50	E	.135	A	A	.177	.045	
22784E	C	110-50	E	.140	A	A	.250	.062	
22784F	C	110-50	E	.250	A	A	.375	.047	
22571H	4-40	112-40	B	.125	A	B.050	—	—	
22901	4-40	112-40	B	.125	A	A	—	—	
22785	4-40	112-40	B	.250	A	B.050	—	—	
22637P24	4-40	112-40	C82	.375	A	A	.225	.067	
22637P32	4-40	112-40	C82	.500	A	A	.225	.067	
22658K4	4-40	112-40	D	.250	A	B.063	.213	.059	
18-607	4-48	112-48	A	.125	A	A	.184	.047	
18-281	4-48	112-48	A	.150	A	A	.187	.062	
18-791	4-48	112-48	A	.172	A	A	.171	.062	
1058L	4-48	112-48	A	.187	A	A	.187	.078	
18-318	4-48	112-48	E	.125	A	A	.187	.047	
18-799	4-48	112-48	E	.312	A	A	.250	.078	
22561A	D	124-50	A	.078	A	A	.187	.047	
G22561A	D	124-50	A	.079	A	A	.177	.031	
G22516A	D	124-50	A	.079	A	A	.177	.031	
150	D	124-50	A	.093	A	A	.187	.062	
HT2C	D	124-50	A	.094	A	A	.177	.031	
92122	D	124-50	A	.098	D	A	.150	.059	
22768A	D	124-50	A	.107	A	A	.187	.093	
T26	D	124-50	A	.110	A	A	.216	.079	
25B	D	124-50	A	.125	A	A	.225	.086	
28	D	124-50	A	.156	A	A	.225	.078	
77A	D	124-50	A	.156	A	A	.187	.093	
22563	D	124-50	A	.156	A	A	.177	.109	
77P	D	124-50	A	.157	A	A	.177	.047	
99393A	D	124-50	A	.173	A	A	.177	.055	
77	D	124-50	A	.187	A	F	.183	.093	
87U	D	124-50	A	.187	A	A	.224	.062	
99318A	D	124-50	A	.197	A	A	.394	.067	
22KH	D	124-50	A	.203	A	A	.187	.069	
77L	D	124-50	A	.244	A	A	.220	.079	
22593A	D	124-50	A	.250	A	A	.177	.063	
J87J	D	124-50	A	.281	A	A	.225	.093	
77B	D	124-50	A	.328	A	A	.177	.109	
22747	D	124-50	A	.359	A	A	.177	.078	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
92125	D	124-50	A	.374	A	A	.177	.079	
99318	D	124-50	A	.402	A	A	.256	.087	
92125A	D	124-50	A	.453	A	A	.177	.079	
22747B	D	124-50	A	.500	A	F	.183	.093	
22747A	D	124-50	A	.625	A	A	.177	.078	
99393	D	124-50	A	.787	A	A	.220	.098	
28A	D	124-50	B	.065	A	A	---	---	
28B	D	124-50	B	.093	A	A	---	---	
28C	D	124-50	B	.125	A	A	---	---	
HA73B	D	124-50	B	.156	A	A	---	---	
99253A	D	124-50	B	.169	A	A	.124	.047	
22733	D	124-50	B	.171	A	A	---	---	
73C	D	124-50	B	.234	A	A	---	---	
22565A	D	124-50	B	.290	A	A	.125	.105	
77Y	D	124-50	B	.359	A	A	---	---	
230	D	124-50	B	.468	A	A	.182	.078	
99316A	D	124-50	C90	.461	A	A	.177	.051	
187B	D	124-50	E	.078	A	A	.225	.042	
187A	D	124-50	E	.109	A	A	.225	.047	
77F	D	124-50	E	.125	A	A	.220	.043	
22819	D	124-50	E	.132	A	A	.187	.086	
22561	D	124-50	E	.140	A	A	.225	.047	
22704	D	124-50	E	.161	A	A	.250	.073	
99275	D	124-50	E	.173	A	A	.378	.067	
22768C	D	124-50	E	.218	A	A	.207	.062	
22768	D	124-50	E	.218	A	F	.210	.078	
22768B	D	124-50	E	.250	A	A	.207	.062	
22593	D	124-50	E	.281	A	A	.177	.062	
22804	D	124-50	E	.343	A	A	.250	.055	
22588S	D	124-50	F218	.197	A	C	---	.115	
22781	D	124-50	F218	.250	A	A	---	.094	
99339A	D	124-50	F.126	.276	A	A	---	.079	
99373B	D	124-50	F.281	.394	A	C	---	.098	
22653L4	5-40	125-40	A	.250	A	B.094	.203	.125	
22653L8	5-40	125-40	A	.500	A	B.094	.203	.125	
22571K	5-40	125-40	B	.125	A	B.062	---	---	
1020L	5-40	125-40	B	.375	D	A	---	---	
SS6080320SP	5-44	125-44	A	.098	A	A	.197	.055	18-1430
SS7080510TP	5-44	125-44	A	.111	A	A	.197	.083	18-1261
SS6080340SP	5-44	125-44	A	.114	A	A	.197	.059	
SS6080360SP	5-44	125-44	A	.126	A	A	.173	.059	18-272
SS6080410SP	5-44	125-44	A	.157	A	A	.197	.059	18-1379
18-307	5-44	125-44	A	.187	A	A	.281	.094	
SS7080520SP	5-44	125-44	A	.193	A	A	.197	.083	18-1280
SS6080610TP	5-44	125-44	A	.236	A	A	.299	.079	18-1292
1014L	5-44	125-44	A	.250	A	A	.218	.109	
CS335	5-44	125-44	A	.250	A	A	.312	.062	
SS6080720SP	5-44	125-44	A	.276	A	A	.173	.079	18-1276
18-602	5-44	125-44	A	.281	D	A	.172	.062	
1170L	5-44	125-44	A	.312	A	A	.218	.078	
22653K-6	5-44	125-44	A	.375	A	B.094	.250	.125	
SS7080410SP	5-44	125-44	A	.375	A	A	.216	.098	18-1281
916L	5-44	125-44	A	.437	A	A	.218	.062	
SS6081210SP	5-44	125-44	A	.472	A	A	.216	.075	18-1220
18-725	5-44	125-44	B	.097	A	A	---	---	
SS8080310TP	5-44	125-44	B	.110	A	A	---	---	18-1289

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.m43

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS8080322TP	5-44	125-44	B	.126	C90	B.062	---	---	18-1324
SS8080410TP	5-44	125-44	B	.138	A	A	---	---	18-416
SS8080610SP	5-44	125-44	B	.216	A	A	---	---	18-1323
SS7080310SP	5-44	125-44	E	.118	A	A	.354	.059	18-1212
SS4080320TP	5-44	125-44	E	.134	A	A	.197	.059	18-1398
18-178	5-44	125-44	E	.187	A	A	.218	.078	
18-892	5-44	125-44	E	.220	D	A	.187	.045	
SS4080620TP	5-44	125-44	E	.236	A	A	.197	.059	18-1328
18-644	5-44	125-44	E	.250	A	A	.218	.062	
SS4080610SP	5-44	125-44	E	.252	A	A	.197	.059	18-1397
SS9080410SP	5-44	125-44	F.197	.169	A	A	---	.059	18-1286
138	E	126-40	A	.140	A	A	.266	.062	
98A	E	126-40	A	.250	A	A	.270	.078	
99279	E	126-40	A	1.012	A	A	.256	.094	
22526B	E	126-40	C78	.302	A	A	.187	.052	
22617J16	6-32	138-32	A	.187	A	A	.225	.062	
22617J24	6-32	138-32	A	.375	A	A	.226	.132	
22652J6	6-32	138-32	A	.375	A	B.109	.218	.138	
660-598	6-32	138-32	A	.625	A	A	.290	.087	
22652J10	6-32	138-32	A	.625	A	B.109	.218	.138	
22652J14	6-32	138-32	A	.875	A	B.109	.218	.138	
22635C12	6-32	138-32	D	.187	A	A	.260	.103	
22635CA12	6-32	138-32	D	.187	A	A	.260	.103	
22665	6-32	138-32	D	.250	A	B.078	.260	.068	
SC191	6-32	138-32	D	1.250	A	A	.260	.103	
22653J-4	6-40	138-40	A	.250	A	B.109	.250	.109	
22876	6-40	138-40	A	.500	A	A	.250	.094	
22653J-8	6-40	138-40	A	.500	A	B.109	.250	.109	
18-C186	6-40	138-40	B	.094	A	A	---	---	
22894AF	6-40	138-40	B	.187	A	B.062	---	---	
SS7091410SP		140-40	A	.053	A	A	.276	.079	18-1347
SS7090410SP		140-40	A	.138	A	A	.236	.098	18-1270
SS6090440SP		140-40	A	.158	A	A	.197	.059	18-1377
SS7090520SP		140-40	A	.178	A	A	.236	.098	18-1260
SS7090520TP		140-40	A	.178	A	A	.236	.098	18-1351
SS7090530SP		140-40	A	.178	A	A	.228	.059	18-1352
SS7090510SP		140-40	A	.181	A	A	.276	.098	18-1210
SS7090540TP		140-40	A	.197	A	A	.315	.098	18-1353
SS6090630TP		140-40	A	.236	a	A	.315	.059	
SS6090650SP		140-40	A	.236	A	A	.236	.098	18-1374
SS7090610SP		140-40	A	.236	A	A	.315	.098	18-1354
SS6090620SP		140-40	A	.236	A	A	.216	.059	18-1376
SS7090620TP		140-40	A	.240	A	A	.205	.059	18-1209
SS7090710SL		140-40	A	.268	A	A	.276	.098	18-1348
SS7090710SP		140-40	A	.268	A	A	.276	.098	18-1349
SS6090810SP		140-40	A	.295	A	A	.236	.098	
SS6090810TP		140-40	A	.296	A	A	.236	.098	18-1373
SS7090910SP		140-40	A	.335	A	A	.236	.098	
SS7090910TP		140-40	A	.335	A	A	.236	.098	18-1208
SS6090910TP		140-40	A	.354	A	A	.236	.079	
SS6091022TP		140-40	A	.394	A	B.138	.276	.177	18-1287
SS7091110SP		140-40	A	.413	A	A	.276	.055	
SS7091110TP		140-40	A	.413	A	A	.276	.079	18-1433
SS7091810SP		140-40	A	.689	A	A	.315	.118	18-1412
SS7092110TP		140-40	A	.827	A	A	.256	.118	18-1436
SS8090410SP		140-40	B	.138	A	A	---	---	18-1322

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS8090540SP		140-40	B	.197	C90	A	—	—	18-1415
SS8090530TP		140-40	B	.197	C90	A	—	—	
SS8090710SP		140-40	B	.276	A	A	—	—	18-1460
SS2090520SL		140-40	C60	.216	A	A	.197	.071	
SS2090620SP		140-40	C90	.236	A	A	.236	.047	18-1414
SS2090640TP		140-40	C90	.256	A	A	.236	.067	18-1291
SS2090830SL		140-40	C90	.315	A	A	.236	.068	
SS2090810SP		140-40	C90	.315	A	A	.236	.098	
SS3090510SP		140-40	D	.197	A	A	.236	.079	
SS3090610SP		140-40	D	.236	A	A	.276	.098	18-1400
SS6090420SP		140-40	E	.157	A	A	.236	.039	18-1378
SS3090530SP		140-40	E	.177	A	A	.354	.079	18-1469
SS4090515SP		140-40	E	.197	A	E	.236	.090	18-1396
SS6090630SP		140-40	E	.236	A	A	.315	.059	18-1375
SS4090610SP		140-40	E	.236	A	A	.256	.098	18-1224
SS4090615SP		140-40	E	.236	A	E	.236	.090	18-1395
SS5090610SP		140-40	E	.236	A	A	.276	.059	18-1464
SS7090611SL		140-40	E	.240	A	D	.213	.055	
SS7090850SP		140-40	E	.315	A	A	.283	.059	18-1350
SS4090815SP		140-40	E	.315	A	E	.236	.090	18-1394
SS4091015SP		140-40	E	.394	A	E	.236	.090	18-1393
SS9090410TP		140-40	F.197	.138	A	A	—	.059	18-1435
SS9090610TP		140-40	F.197	.216	A	A	—	.059	
SS9090640SP		140-40	F.236	.354	A	A	—	.098	18-1303
SS9090813TP		140-40	F.276	.315	A	C	—	.098	18-1314
357	G	146-40	A	.125	A	A	.250	.094	
HS24C	G	146-40	A	.156	A	A	.250	.094	
22564	G	146-40	A	.156	A	A	.207	.062	
22513D	G	146-40	A	.172	A	F	.250	.078	
22564D	G	146-40	A	.187	A	A	.182	.078	
22513C	G	146-40	A	.187	A	A	.281	.094	
22585C	G	146-40	A	.203	A	A	.312	.094	
90	G	146-40	A	.218	A	F	.250	.094	
22513B	G	146-40	A	.218	A	A	.218	.062	
22562	G	146-40	A	.218	A	A	.207	.094	
91	G	146-40	A	.234	A	A	.207	.140	
22562B	G	146-40	A	.250	A	A	.207	.125	
22564J	G	146-40	A	.250	A	A	.250	.040	
99267	G	146-40	A	.256	A	A	.177	.091	
99371D	G	146-40	A	.256	A	B.125	.256	.138	
C99267	G	146-40	A	.256	A	A	.177	.091	
22562A	G	146-40	A	.281	A	F	.207	.094	
91D	G	146-40	A	.296	A	A	.207	.140	
22585	G	146-40	A	.343	A	A	.250	.094	
22585G	G	146-40	A	.343	A	A	.266	.250	
97	G	146-40	A	.343	A	F	.225	.125	
99334	G	146-40	A	.343	A	B.125	.224	.138	
22729M	G	146-40	A	.375	C90	B.125	.250	.138	
22729	G	146-40	A	.421	A	A	.225	.140	
22729L	G	146-40	A	.422	A	B.125	.226	.138	
22729C	G	146-40	A	.453	A	F	.225	.140	
22585R	G	146-40	A	.468	A	A	.250	.094	
22729D	G	146-40	A	.515	A	A	.218	.140	
22729E	G	146-40	A	.593	A	A	.218	.140	
22729AB	G	146-40	A	.625	A	F	.263	.141	
22729B	G	146-40	A	.812	A	A	.225	.094	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M3

SCREW-	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
99271	G	146-40	A	1.331	A	A	.280	.087	
22894Y	G	146-40	B	.125	A	B.062	---	---	
22743	G	146-40	B	.125	A	A	---	---	
22565C	G	146-40	B	.187	A	A	---	---	
99306	G	146-40	B	.220	C71	A			
99305	G	146-40	B	.276	D	A			
12935A	G	146-40	B	.281	A	A	---	---	
22575B	G	146-40	B	.281	E	A	---	---	
22575	G	146-40	B	.421	A	D	---	---	
22840A	G	146-40	B	.437	F	A	---	---	
22565E	G	146-40	B	.562	F	A	---	---	
22565W	G	146-40	B	.687	A	A	---	---	
22840C	G	146-40	B	1.312	A	A	---	.156	
222D	G	146-40	C78	.171	A	A	.207	.038	
22766	G	146-40	C78	.227	A	A	.207	.038	
AS22D	G	146-40	C78	.250	A	A	.225	.065	
22589	G	146-40	C78	.250	A	A	.250	.064	
87	G	146-40	C78	.250	A	A	.255	.070	
87A	G	146-40	C78	.296	A	A	.255	.070	
22524	G	146-40	C78	.324	A	A	.255	.067	
538	G	146-40	C78	.328	A	A	.207	.038	
22524B	G	146-40	C78	.375	A	A	.225	.048	
22849	G	146-40	D	.353	A	A	.250	.084	
22564G	G	146-40	E	.109	A	A	.207	.050	
12986B	G	146-40	E	.140	A	A	.437	.047	
22564B	G	146-40	E	.156	A	A	.207	.040	
22825	G	146-40	E	.171	F	A	.250	.062	
22542	G	146-40	E	.218	A	A	.415	.062	
22585A	G	146-40	E	.312	A	A	.312	.062	
99313	G	146-40	E	.315	A	A	.276	.079	
22585B	G	146-40	E	.375	A	A	.375	.125	
G22585A	G	146-40	E	.394	A	A	.315	.063	
22775	G	146-40	E	.421	A	A	.375	.094	
22516B	H	155-40	A	.343	A	A	.250	.094	
80175	H	155-40	A	.358	A	A	.255	.126	
22516	H	155-40	A	.421	A	A	.250	.156	
75C	H	155-40	A	.437	A	A	.250	.125	
22516A	H	155-40	A	.500	A	A	.250	.078	
22592A	H	155-40	A	1.172	A	A	.242	.109	
22525	H	155-40	C78	.308	A	A	.255	.047	
22525C	H	155-40	C78	.781	A	A	.250	.058	
22519F	H	155-40	F.250	.625	A	C	---	.125	
22588	H	155-40	F.281	.187	A	C	---	.109	
25588	H	155-40	F.281	.187	A	C	---	.109	
22588A	H	155-40	F.281	.343	A	C	---	.094	
22588J	H	155-40	F.281	.390	A	C	---	.094	
22782A	H	155-40	F.281	.468	A	A	---	.109	
22707	H	155-40	F.281	.890	A	C	---	.109	
99339	H	155-40	F.551	.512	A	C	---	.079	
1189L		156-40	A	.125	A	A	.218	.094	
18-422		156-40	A	.139	A	A	.312	.062	
CS337		156-40	A	.187	A	A	.312	.094	
18-623		156-40	A	.187	A	A	.250	.078	
18-596		156-40	A	.281	A	A	.281	.105	
CS327		156-40	A	.437	A	A	.312	.094	
1750L		156-40	A	.437	A	A	.250	.078	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.mal.wk3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
18-907		156-40	A	.437	A	A	.250	.122	
18-391		156-40	A	.437	A	A	.218	.125	
18-375		156-40	A	.562	A	A	.250	.109	
18-40		156-40	A	.625	A	A	.250	.140	
1022L		156-40	B	.125	A	A	---	---	
1081L		156-40	B	.187	A	A	---	---	
18-74		156-40	B	.203	C90	A	---	---	
LS330		156-40	B	.250	A	A	---	---	
18-132		156-40	B	.375	C60	A	---	---	
18-918		156-40	C60	.531	A	A	.343	.140	
18-812		156-40	C82	.281	A	A	.250	.054	
18-643		156-40	E	.076	A	A	.218	.058	
18-974		156-40	E	.125	A	A	.312	.058	
18-733		156-40	E	.281	A	A	.218	.125	
1329L 1/2		156-40	E	.281	A	A	.375	.078	
18-949		156-40	E	.290	A	A	.250	.062	
18-957		156-40	E	.609	A	A	.312	.109	
18-558		156-40	F.312	.406	A	A	---	.125	
22652A4	8-32	164-32	A	.250	A	B.140	.265	.164	
22875	8-32	164-32	A	.281	A	A	.328	.125	
22652A6	8-32	164-32	A	.375	A	B.140	.265	.164	
22652A8	8-32	164-32	A	.500	A	B.140	.265	.164	
22652A10	8-32	164-32	A	.625	A	B.140	.265	.164	
22652A12	8-32	164-32	A	.750	A	B.140	.265	.164	
22652A16	8-32	164-32	A	1.000	A	B.140	.265	.164	
22652A20	8-32	164-32	A	1.250	A	B.140	.265	.164	
22650AA2	8-32	164-32	B	.125	A	B.078	---	---	
22650AA7	8-32	164-32	B	.500	A	B.078	---	---	
22656A6	8-32	164-32	C82	.375	A	B.094	.359	.112	
22656A12	8-32	164-32	C82	.750	A	B.094	.359	.112	
22637N32	8-32	164-32	C82	.500	A	A	.332	.100	
22635G16	8-32	164-32	D	.250	A	A	.309	.119	
18-1152	8-36	164-36	B	.125	A	B.078	---	---	
SS7112420SP		172-40	A	.095	A	A	.276	.118	18-1337
SS7110410SP		172-40	A	.158	A	A	.256	.071	18-1346
SS6110480SP		172-40	A	.169	A	A	.315	.051	
SS7110570SP		172-40	A	.189	A	A	.394	.087	
SS6110420TP		172-40	A	.189	A	A	.209	.059	18-1372
SS7110510SP		172-40	A	.197	A	A	.307	.094	18-1345
SS6110650TP		172-40	A	.217	A	A	.216	.102	18-1370
SS6110670TP		172-40	A	.252	A	A	.276	.079	18-1421
SS6110710TP		172-40	A	.256	A	A	.216	.118	18-1327
SS7110720SP		172-40	A	.275	A	A	.236	.098	18-1343
SS7110710SP		172-40	A	.276	A	A	.276	.079	18-1342
SS7110740TL		172-40	A	.276	A	A	.276	.114	
SS7110720TP		172-40	A	.276	A	A	.236	.098	18-1344
SS7110710SL		172-40	A	.276	A	A	.276	.079	18-1341
SS7110820SN		172-40	A	.295	A	A	.335	.087	18-1258
SS7110840SP		172-40	A	.308	A	A	.315	.087	18-1257
SS6110820TP		172-40	A	.315	A	A	.197	.079	
SS7110810SP		172-40	A	.315	A	A	.216	.118	18-1340
SS7110910TP		172-40	A	.335	A	A	.276	.098	18-1339
SS7110910SP		172-40	A	.335	A	A	.276	.098	
SS6111040SP		172-40	A	.374	A	A	.276	.118	18-1369
SS6111010TP		172-40	A	.374	A	A	.315	.138	
SS6111010SP		172-40	A	.374	A	A	.315	.138	18-1293

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M43

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS7111120TP		172-40	A	.413	A	A	.276	.098	18-1458
SS7111120SP		172-40	A	.413	A	A	.276	.098	18-1277
SS6111140SP		172-40	A	.433	A	A	.394	.118	
SS6111110SP		172-40	A	.433	A	A	.197	.098	
SS6111210SP		172-40	A	.472	A	A	.315	.138	18-1329
SS6111440SP		172-40	A	.531	A	A	.197	.118	18-1366
SS7111410TK		172-40	A	.551	A	A	.276	.114	
SS7111410TP		172-40	A	.551	A	A	.276	.114	18-1206
SS7111410SP		172-40	A	.551	A	A	.276	.114	18-1338
SS6111610SP		172-40	A	.630	A	A	.276	.102	18-1367
SS6111740SP		172-40	A	.670	A	A	.197	.118	18-1368
SS7111810SP		172-40	A	.709	A	A	.276	.118	
SS8110310SP		172-40	B	.110	A	A	---	---	18-1202
SS8110410TP		172-40	B	.138	A	A	---	---	18-1201
SS8110422TP		172-40	B	.158	A	B.079	---	---	18-1321
SS8110520TP		172-40	B	.178	A	A	---	---	18-1320
SS8150510TP		172-40	B	.185	A	A	---	---	
SS8110510SP		172-40	B	.197	A	A	---	---	18-1319
SS8110710SP		172-40	B	.256	A	A	---	---	
SS8110750SP		172-40	B	.256	C60	A	---	---	18-1200
SS8111010TP		172-40	B	.374	A	A	---	---	
SS1110710SP		172-40	C90	.256	A	A	.236	.078	18-1186
SS1110840SP		172-40	C90	.315	A	A	.291	.059	18-1402
SS2111010TP		172-40	C90	.472	A	A	.291	.094	
SS2110710TP		172-40	C95	.276	A	A	.291	.083	18-1401
SS2110920TP		172-40	C95	.350	A	A	.291	.083	18-1196
SS2110910SL		172-40	C95	.353	A	A	.291	.083	
SS7110340SP		172-40	E	.189	A	A	.315	.063	18-1259
SS4110515SP		172-40	E	.197	A	E	.276	.102	
SS6110610TP		172-40	E	.236	A	A	.315	.051	18-1371
SS4110615SP		172-40	E	.236	A	E	.276	.102	
SS5110740TP		172-40	E	.256	A	A	.315	.059	
SS4110715SP		172-40	E	.276	A	E	.276	.102	18-1392
SS5110710SP		172-40	E	.276	A	A	.472	.079	18-1385
SS5110810SP		172-40	E	.315	A	A	.315	.059	18-1222
SS4110815SP		172-40	E	.315	A	E	.276	.102	18-1264
SS4110910TP		172-40	E	.354	A	A	.276	.091	18-1467
SS4110915SP		172-40	E	.354	A	E	.276	.102	18-1391
SS4111215SP		172-40	E	.472	A	E	.276	.102	
SS9110430TP		172-40	F.197	.158	A	A	---	.059	18-1313
SS9111610SP		172-40	F.236	.630	A	A	---	.118	18-1311
SS9112310SP		172-40	F.236	.906	A	A	---	.118	18-1310
SS9111010SP		172-40	F.276	.374	A	A	---	.138	18-1254
SS9111050SP		172-40	F.276	.374	A	A	---	.138	18-1312
SS9111820SP		172-40	F.276	.709	A	A	---	.118	18-1410
SS9112520SP		172-40	F.276	.984	A	A	---	.138	
SS9110543CP		172-40	F.354	.209	A	C	---	.118	18-1465
99295	J	182-40	A	.126	A	A	.378	.087	
88A	J	182-40	A	.156	A	A	.263	.094	
22570	J	182-40	A	.187	A	A	.286	.078	
22830	J	182-40	A	.187	A	A	.225	.078	
25CC	J	182-40	A	.203	A	A	.312	.109	
22596B	J	182-40	A	.234	A	A	.250	.125	
94	J	182-40	A	.250	A	A	.312	.094	
33174B	J	182-40	A	.250	A	A	.225	.140	
99293	J	182-40	A	.268	A	A	.315	.075	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22596F	J	182-40	A	.281	A	A	.250	.125	
93A	J	182-40	A	.281	A	F	.312	.125	
88D	J	182-40	A	.312	A	A	.375	.094	
376A	J	182-40	A	.343	A	A	.328	.078	
22528	J	182-40	A	.359	A	F	.328	.109	
22596D	J	182-40	A	.375	A	A	.250	.125	
22596N	J	182-40	A	.421	A	B.125	.250	.187	
93	J	182-40	A	.437	A	F	.328	.125	
22596H	J	182-40	A	.453	A	B.125	.250	.187	
2169A	J	182-40	A	.480	A	A	.236	.228	
99371G	J	182-40	A	.512	A	B.156	.335	.236	
22596	J	182-40	A	.551	A	A	.328	.125	
22874C	J	182-40	A	.671	A	A	.328	.109	
93B	J	182-40	A	.689	A	A	.335	.118	
88F	J	182-40	A	.718	A	A	.250	.172	
22874	J	182-40	A	.812	A	A	.328	.125	
99343	J	182-40	A	1.035	A	A	.335	.118	
22874F	J	182-40	A	1.140	A	A	.312	.125	
22560	J	182-40	B	.093	A	A	---	---	
88B	J	182-40	B	.140	A	A	---	---	
G89	J	182-40	B	.150	C90	A	---	---	
78	J	182-40	B	.156	F	A	---	---	
88	J	182-40	B	.156	A	A	---	---	
22894W	J	182-40	B	.156	A	B	---	---	
22894AA	J	182-40	B	.171	C71	B.094	---	---	
99278	J	182-40	B	.173	C71	A	---	---	
89	J	182-40	B	.187	A	A	---	---	
22894P	J	182-40	B	.187	A	B.094	---	---	
22894AM	J	182-40	B	.234	A	B.094	---	---	
22560B	J	182-40	B	.234	A	A	---	---	
22894U	J	182-40	B	.250	C71	B.094	---	---	
22764	J	182-40	B	.262	C71	A	---	---	
531	J	182-40	B	.265	A	A	---	---	
22764A	J	182-40	B	.281	C71	A	---	---	
99346B	J	182-40	B	.315	A	B.094	---	---	
22764A	J	182-40	B	.325	C71	A	---	---	
22560A	J	182-40	B	.343	A	A	---	---	
719	J	182-40	B	.484	A	A	---	---	
99287D	J	182-40	C78	.209	A	B.125	.307	.157	
99287C	J	182-40	C78	.220	A	B.125	.307	.118	
22805	J	182-40	C78	.250	A	A	.263	.065	
99287B	J	182-40	C78	.283	A	B.125	.307	.118	
22525A	J	182-40	C78	.308	A	A	.235	.033	
22526	J	182-40	C78	.312	A	A	.263	.065	
99242	J	182-40	C78	.433	A	A	.256	.076	
99287	J	182-40	C78	1.386	A	B.125	.307	.091	
99252A	J	182-40	D	.236	A	B.125	.252	.118	
22848	J	182-40	D	.343	A	A	.375	.125	
22711	J	182-40	E	.218	A	A	.437	.094	
22829	J	182-40	E	.250	A	A	.343	.062	
22570A	J	182-40	E	.296	A	A	.281	.078	
22581	J	182-40	E	.421	A	A	.437	.078	
22757	J	182-40	E	.500	A	A	.375	.078	
G22519	J	182-40	F.281	.201	A	C	---	.102	
22519	J	182-40	F.281	.250	A	C	---	.125	
99248	J	182-40	F.281	.328	A	A	---	.125	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.mcs

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
303	J	182-40	F.281	.406	A	C	—	.125	
G303	J	182-40	F.281	.406	A	C	—	.102	
22519H	J	182-40	F.281	.437	A	A	—	.218	
22519C	J	182-40	F.281	.468	A	A	—	.250	
99373	J	182-40	F.281	.472	A	C	—	.197	
T38	J	182-40	F.281	.687	A	C	—	.125	
22519J	J	182-40	F.281	.812	A	A	—	.250	
22781A	J	182-40	F.375	.328	A	A	—	.078	
22567B	J	182-40	F.375	.375	A	C	—	.109	
22519K	J	182-40	F.375	.562	A	A	—	.125	
73X	L	183-32	A	.187	A	A	.235	.094	
73	L	183-32	A	.187	A	A	.225	.125	
22569F	L	183-32	A	.282	E	A	.312	.046	
79	L	183-32	A	.343	A	A	.250	.156	
J79J	L	183-32	A	.421	A	A	.250	.171	
22572	L	183-32	A	.437	A	A	.250	.140	
22572B	L	183-32	A	.437	A	B.125	.250	.187	
22569B	L	183-32	A	.437	A	A	.250	.078	
22569M	L	183-32	A	.437	A	A	.312	.094	
22569K	L	183-32	A	.453	D	A	.250	.094	
22541B	L	183-32	A	.468	A	F	.281	.094	
22572A	L	183-32	A	.547	A	A	.250	.125	
22569AF	L	183-32	A	.562	A	A	.390	.156	
22541A	L	183-32	A	.562	A	A	.281	.094	
G22569	L	183-32	A	.578	E	A	.250	.140	
22569Y	L	183-32	A	.625	A	A	.250	.078	
22541F	L	183-32	A	.656	A	A	.250	.125	
G22541	L	183-32	A	.657	A	A	.299	.122	
22541C	L	183-32	A	.750	A	A	.312	.156	
22851D	L	183-32	A	1.609	A	A	.343	.140	
22565	L	183-32	B	.171	A	A	—	—	
22565S	L	183-32	B	.250	C71	A	—	—	
22565X	L	183-32	B	.281	A	A	—	—	
22894R	L	183-32	B	.281	A	B.094	—	—	
22565F	L	183-32	B	.500	C71	A	—	—	
22565H	L	183-32	B	.500	C71	A	.183	.094	
22757E	L	183-32	C110	.328	E	A	.254	.044	
22525E	L	183-32	C78	.308	A	A	.235	.112	
22526H	L	183-32	C82	.375	A	A	.281	.046	
22501A	L	183-32	D	.343	A	A	.281	.109	
22569D	L	183-32	E	.250	A	A	.312	.062	
22569G	L	183-32	E	.343	A	A	.250	.078	
22569C	L	183-32	E	.343	A	F	.281	.092	
22569J	L	183-32	E	.531	A	A	.328	.062	
22824B	L	183-32	F.281	.343	A	A	—	.125	
22792A	L	183-32	F.281	.375	A	C	—	.062	
99373C	L	183-32	F.281	.512	A	A	—	.118	
22574D	M	183-32LH	C82	.312	A	A	.281	.062	
22757D	M	183-32LH	C82	.406	A	A	.281	.062	
22757C	M	183-32LH	C90	.406	A	A	.563	.126	
SS7120640SP		187-28	A	.236	A	A	.315	.118	18-1297
SS7120710SP		187-28	A	.276	A	A	.276	.118	18-1279
SS7120910SP		187-28	A	.355	A	A	.256	.098	18-1336
SS6120930SP		187-28	A	.355	A	A	.433	.138	18-1219
SS6120930TP		187-28	A	.355	A	A	.433	.138	18-1218
SS6120940SP		187-28	A	.355	A	A	.315	.114	18-1325

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M3									
SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS6121020SP		187-28	A	.374	A	A	.197	.098	18-1365
SS6121060SP		187-28	A	.374	A	A	.276	.118	
SS6121050SP		187-28	A	.375	A	A	.335	.079	18-1217
SS6121010SP		187-28	A	.394	A	A	.315	.114	18-1326
SS6121220TP		187-28	A	.453	A	A	.335	.098	18-1364
SS6121210SP		187-28	A	.472	A	A	.315	.114	
SS6121240SP		187-28	A	.473	A	A	.472	.138	18-1363
SS6121212TP		187-28	A	.473	A	B.156	.295	.216	18-1298
SS7121410TP		187-28	A	.551	A	A	.315	.126	18-1335
SS7121610SP		187-28	A	.610	A	A	.295	.150	
SS6121610TP		187-28	A	.610	A	A	.276	.138	18-1216
SS6121860SP		187-28	A	.709	A	A	.433	.138	18-1294
SS6122030SP		187-28	A	.788	A	A	.315	.157	18-1361
SS6122510SP		187-28	A	.990	A	A	.295	.118	18-1362
SS6123010SP		187-28	A	1.181	A	A	.315	.118	
SS8120410SP		187-28	B	.150	A	A	---	---	18-1288
SS8120740SP		187-28	B	.276	A	A	---	---	18-1318
SS8123070SP		187-28	B	1.062	F	A	---	---	18-1420
SS1120710SP		187-28	C60	.264	A	A	.268	.071	
SS1121010SP		187-28	C90	.394	A	A	.291	.059	18-1418
SS4120615SP		187-28	E	.236	A	E	.315	.114	18-1263
SS4120915SP		187-28	E	.354	A	E	.315	.114	18-1461
SS4121015SP		187-28	E	.394	A	E	.315	.114	18-1390
SS4121215SP		187-28	E	.473	A	E	.315	.114	18-1389
SS4121615SP		187-28	E	.630	A	E	.315	.114	18-1442
SS9120910TP		187-28	F.276	.355	A	A	---	.079	18-1411
SS9121010TP		187-28	F.276	.374	A	A	---	.138	18-1304
SS9121340CP		187-28	F.315	.511	A	A	---	.138	18-1413
SS9120643TP		187-28	F.394	.236	A	C	---	.138	18-1236
18-1416		187-28	F.394	.315	A	A	---	.138	
LS314		187-32	A	.250	A	A	.312	.109	
SS6620730SP		187-32	A	.276	A	A	.256	.118	18-1406
SS7621040SP		187-32	A	.374	A	A	.315	.098	18-1407
CS313		187-32	A	.437	A	A	.343	.156	
SS6621212TP		187-32	A	.472	A	B.157	.295	.236	18-1405
1206L		187-32	A	.625	A	A	.250	.140	
1279L		187-32	A	1.000	A	A	.281	.125	
18-634		187-32	B	.125	A	A	---	---	
22878		187-32	B	.187	A	A	---	---	
18-633		187-32	B	.203	C90	A	---	---	
SS8620610TP		187-32	B	.236	A	A	---	---	18-533
18-500		187-32	B	.312	A	A	---	---	
18-920		187-32	C82	.437	A	A	.280	.062	
18-1028		187-32	E	.250	A	A	.500	.125	
888L		187-32	E	.250	A	A	.437	.047	
18-750		187-32	E	.265	A	A	.312	.079	
18-745		187-32	E	.281	A	A	.375	.094	
18-330		187-32	E	.312	A	A	.312	.094	
18-732		187-32	E	.375	A	A	.137	.125	
FP505		187-32	E	.500	A	A	.375	.078	
18-1106		187-32	E	.625	A	A	.437	.078	
18-626		187-32	F.312	.218	A	C	---	.125	
18-677		187-32	F.312	.421	A	C	---	.094	
18-715		187-32	F.312	.500	A	C	---	.125	
SS9621413SP		187-32	F.315	.531	A	C	---	.157	18-1230
18-1432		187-32	F.315	.630	A	C	---	.157	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.m3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
SS4622340SP		187.32	A	.906	A	A	.276	.157	
22652B-8	10-24	190-24	A	.500	A	B.156	.312	.190	
22652B10	10-24	190-24	A	.625	A	B.156	.312	.190	
22615A48	10-24	190-24	A	.750	A	A	.312	.187	
22652B12	10-24	190-24	A	.750	A	B.156	.312	.190	
22652B20	10-24	190-24	A	1.250	A	B.156	.312	.190	
22813	10-24	190-24	B	.250	A	A	---	---	
22650CB4	10-24	190-24	B	.250	A	B.094	---	---	
22637R96	10-24	190-24	C82	.406	A	A	.385	.116	
22637R26	10-24	190-24	C82	1.500	A	A	.385	.116	
SC198	10-24	190-24	D	.500	A	A	.359	.136	
SC181	10-24	190-24	D	2.000	A	A	.359	.136	
22881C	10-24	190-24	F.312	1.125	A	C	---	.109	
22660B16	10-32	190-32	A	.250	A	B.156	.312	.190	
22653B4	10-32	190-32	A	.250	A	B.156	.312	.190	
22875H	10-32	190-32	A	.281	A	A	.375	.125	
22653B6	10-32	190-32	A	.375	A	B.156	.312	.190	
22653B8	10-32	190-32	A	.500	A	B.156	.312	.190	
22653B10	10-32	190-32	A	.625	A	B.156	.312	.190	
650AD5	10-32	190-32	A	.625	A	A	.313	.180	
22653B12	10-32	190-32	A	.750	A	B.156	.312	.190	
22653B14	10-32	190-32	A	.875	A	B.156	.312	.190	
22653B16	10-32	190-32	A	1.000	A	B.156	.312	.190	
22653B20	10-32	190-32	A	1.250	A	B.156	.312	.190	
22653B24	10-32	190-32	A	1.500	A	B.156	.312	.190	
22653B36	10-32	190-32	A	2.250	A	B.156	.312	.190	
22653B40	10-32	190-32	A	2.500	A	B.156	.312	.190	
22651AB-3	10-32	190-32	B	.187	A	B.094	---	---	
22651CB4	10-32	190-32	B	.250	A	B.094	---	---	
22651AB-4	10-32	190-32	B	.250	A	B.094	---	---	
22651CB12	10-32	190-32	B	.750	A	B.094	---	---	
22526D	10-32	190-32	C63	.437	A	A	.295	.125	
22526C	10-32	190-32	C63	.656	A	A	.295	.125	
22839G	10-32	190-32	C82	.375	A	B.125	.360	.116	
22649F16	10-32	190-32	D	.250	A	A	.359	.137	
99331	10-32	190-32	E	.630	A	A	.315	.098	
22882E	10-32	190-32	F.281	.375	A	A	---	.125	
22519M	10-32	190-32	F.312	.437	A	A	---	.187	
22881A	10-32	190-32	F.312	1.359	A	A	---	.125	
22836	Q	214-32	A	.250	A	A	.281	.094	
25S	Q	214-32	A	.281	A	A	.437	.125	
22839C	Q	214-32	A	.312	A	A	.312	.094	
HA61D	Q	214-32	A	.312	A	A	.328	.156	
136A	Q	214-32	A	.354	A	A	.315	.157	
22839	Q	214-32	A	.406	A	A	.296	.094	
22517	Q	214-32	A	.437	A	A	.328	.156	
22738M	Q	214-32	A	.640	A	A	.468	.070	
136	Q	214-32	A	.656	A	A	.328	.156	
99371E	Q	214-32	A	.669	A	B.188	.354	.236	
22839E	Q	214-32	A	.718	A	A	.312	.125	
74	Q	214-32	A	.781	A	A	.328	.187	
99371B	Q	214-32	A	.787	A	B.156	.374	.236	
22861C	Q	214-32	A	.906	A	A	.437	.156	
22517A	Q	214-32	A	1.140	A	A	.328	.172	
22580D	Q	214-32	B	.125	A	A	---	---	
22752	Q	214-32	B	.125	D	A	---	---	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22580	Q	214-32	B	.140	A	A	---	---	
22894T	Q	214-32	B	.140	A	B.094	---	---	
22764C	Q	214-32	B	.187	C71	A	---	---	
22560G	Q	214-32	B	.188	C90	A	---	---	
22894C	Q	214-32	B	.203	A	B.094	---	---	
98	Q	214-32	B	.203	A	A	---	---	
95	Q	214-32	B	.234	A	A	---	---	
22894AD	Q	214-32	B	.250	A	B.094	---	---	
96B	Q	214-32	B	.252	A	A	---	---	
22894D	Q	214-32	B	.265	C71	B.094	---	---	
96	Q	214-32	B	.265	C71	A	---	---	
22894L	Q	214-32	B	.312	C71	B.094	---	---	
96A	Q	214-32	B	.312	C71	A	---	---	
22894J	Q	214-32	B	.312	A	B.094	---	---	
22894AT	Q	214-32	B	.343	D	B.094	---	---	
81	Q	214-32	B	.390	C71	A	---	---	
22894K	Q	214-32	B	.390	C71	B.094	---	---	
22597A	Q	214-32	B	.406	A	A	---	---	
99288	Q	214-32	B	.433	C60	A	---	---	
22894H	Q	214-32	B	.437	C71	B.094	---	---	
22894E	Q	214-32	B	.500	A	B.094	---	---	
22597	Q	214-32	B	.500	C71	A	---	---	
22597E	Q	214-32	B	.625	A	A	---	---	
92201	Q	214-32	B	.859	F	A	---	---	
22807	Q	214-32	C63	.312	A	A	.297	.070	
80	Q	214-32	C63	.515	E	A	.298	.080	
22574	Q	214-32	C63	.656	A	E	.298	.080	
22574C	Q	214-32	C63	.750	A	A	.300	.070	
22574A	Q	214-32	C63	1.031	A	E	.299	.080	
99252	Q	214-32	E	.122	A	A	.437	.071	
141	Q	214-32	E	.140	A	A	.625	.140	
22730	Q	214-32	E	.203	A	A	.437	.078	
22548	Q	214-32	E	.437	A	F	.416	.145	
22839D	Q	214-32	E	.453	A	A	.296	.094	
22517B	Q	214-32	E	.489	A	A	.500	.109	
22852G	Q	214-32	F.250	.250	A	A	---	.125	
22852	Q	214-32	F.281	.500	A	C	---	.125	
22882A	Q	214-32	F.281	.812	A	A	---	.187	
99520	Q	214-32	F.374	.728	A	C	---	.098	
22882D	Q	214-32	F.375	.187	A	A	---	.156	
22882	Q	214-32	F.375	.375	A	A	---	.156	
22852A	Q	214-32	F.375	.562	A	A	---	.156	
627	Q	214-32	F.375	.593	A	F	---	.156	
22852C	Q	214-32	F.375	.781	A	A	---	.218	
627A	Q	214-32	F.375	.812	A	A	---	.156	
22882C	Q	214-32	F.375	.812	A	C	---	.218	
22872	T	216-22	A	.375	A	A	.437	.125	
CS331		218-32	A	.375	A	A	.312	.156	
1235L		218-32	A	.500	A	A	.500	.100	
FP342		218-32	A	.625	A	A	.562	.172	
LS395		218-32	A	.625	A	A	.500	.187	
1137L		218-32	B	.125	A	A	---	---	
1029L		218-32	B	.140	A	A	---	---	
1025L		218-32	B	.187	A	A	---	---	
1005L		218-32	B	.250	A	A	---	---	
18-1087		218-32	B	.250	F	B.094	---	---	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS-443

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
1031L		218-32	B	.265	C90	A	---	---	
1203L		218-32	B	.312	C90	A	---	---	
18-624		218-32	B	.375	A	A	---	---	
1003L		218-32	B	.406	A	A	---	---	
18-492		218-32	B	.453	C90	A	---	---	
1136L		218-32	B	.710	C90	A	---	---	
18-327		218-32	E	.187	A	A	.343	.062	
18-493		218-32	F.312	.312	A	C	---	.156	
1333L		218-32	F.312	.375	A	C	---	.125	
18-690		218-32	F.312	.453	C90	C	---	.140	
18-710		218-32	F.312	.500	A	C	---	.187	
22587	U	219-28	A	.781	A	A	.312	.125	
SS7150740SP		234-28	A	.276	A	A	.354	.098	18-1256
SS6150810SP		234-28	A	.315	A	A	.315	.157	
SS7150910TP		234-28	A	.354	A	A	.394	.154	
SS7150940SP		234-28	A	.354	A	A	.315	.157	18-1204
SS6151142TP		234-28	A	.433	A	B.157	.276	.216	18-1274
SS7151120SP		234-28	A	.433	A	A	.295	.118	18-1334
SS6151220SP		234-28	A	.453	A	A	.315	.197	
SS7151210SP		234-28	A	.472	A	A	.394	.138	18-1203
SS7151340TP		234-28	A	.492	A	A	.433	.138	18-1332
SS7151310TP		234-28	A	.511	A	A	.433	.138	18-1333
SS6151440SP		234-28	A	.551	A	A	.394	.157	18-1360
SS6151820TP		234-28	A	.689	D	A	.394	.118	18-1359
SS6151812TP		234-28	A	.709	A	B.197	.394	.236	18-1358
SS6151920SP		234-28	A	.748	A	A	.315	.138	18-1295
SS7151550SP		234-28	A	.826	D	A	.276	.142	18-1331
SS6152440SP		234-28	A	.925	A	A	.354	.256	18-1214
SS6151040SP		234-28	A	.939	A	A	.512	.157	18-1215
SS6153040SP		234-28	A	1.181	A	A	.354	.157	18-1296
SS8150410SP		234-28	B	.158	A	A	---	---	18-1199
SS8150410TP		234-28	B	.158	A	A	---	---	18-1198
SS8150710TP		234-28	B	.276	A	A	---	---	
SS8150710SP		234-28	B	.276	A	A	---	---	18-1248
SS8151150SP		234-28	B	.413	D	A	---	---	18-1247
SS8151150TP		234-28	B	.413	D	A	---	---	18-1197
SS8151230SP		234-28	B	.473	A	A	---	---	18-1301
SS8151350SP		234-28	B	.511	C60	A	---	---	18-1302
SS8151570SP		234-28	B	.590	C60	A	---	---	18-1245
SS8152030SP		234-28	B	.788	A	A	---	---	18-1246
SS1151310TP		234-28	C90	.512	A	A	.394	.079	
SS5150510SP		234-28	E	.197	A	A	.394	.098	18-1384
SS4150715SP		234-28	E	.276	A	E	.413	.154	18-1388
SS4151215SP		234-28	E	.472	A	E	.413	.154	18-1269
SS4151415SP		234-28	E	.551	A	E	.413	.154	18-1387
SS9150730SP		234-28	F.315	.276	A	A	---	.118	
SS9150860SP		234-28	F.315	.315	E	A	---	.157	
SS9151120CP		234-28	F.354	.433	A	A	---	.138	18-1253
SS9151210TP		234-28	F.354	.523	A	A	---	.205	18-1309
SS9151420TP		234-28	F.354	.551	C120	A	---	.157	18-1235
SS9151630CP		234-28	F.354	.610	A	A	---	.177	18-1233
SS9151740CP		234-28	F.354	.669	A	A	---	.157	18-1305
SS9152130CP		234-28	F.354	.807	A	A	---	.177	18-1308
SS9151160CP		234-28	F.394	.413	A	A	---	.177	18-1234
25C	14-20	242-20	E	.281	A	A	.405	.078	
22514A	14-20	242-20	E	.750	A	A	.406	.078	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.xls									
SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22652D6	1/4-20	250-20	A	.375	A	B.156	.375	.250	
22652D8	1/4-20	250-20	A	.500	A	B.156	.375	.250	
22652D10	1/4-20	250-20	A	.625	A	B.156	.375	.250	
22652D12	1/4-20	250-20	A	.750	A	B.156	.375	.250	
22652D20	1/4-20	250-20	A	1.250	A	B.156	.375	.250	
22652D24	1/4-20	250-20	A	1.500	A	B.156	.375	.250	
22650CD4	1/4-20	250-20	B	.250	B	B.125	---	---	
22650AD4	1/4-20	250-20	B	.250	A	B.125	---	---	
22650CD6	1/4-20	250-20	B	.375	B	B.125	---	---	
22637H48	1/4-20	250-20	C82	.750	A	A	.507	.153	
22656D12	1/4-20	250-20	C82	.750	A	B.156	.531	.161	
650-10	1/4-20	250-20	C82	1.250	A	A	.500	.140	
650-14	1/4-20	250-20	C82	1.750	A	A	.500	.140	
21365A	1/4-20	250-20	C82	2.250	A	A	.500	.140	
650-24	1/4-20	250-20	C82	3.000	A	A	.500	.140	
22635D16	1/4-20	250-20	D	.250	A	A	.472	.174	
22635	1/4-20	250-20	D	.500	A	A	.472	.174	
18-955	1/4-20	250-20	D	3.000	A	A	.437	.191	
22640H32	1/4-20	250-20	F.437	.500	A	C	---	.156	
SC7	1/4-20	250-20	F.437	1.500	A	C	---	.156	
18-993	1/4-20	250-20	F.437	2.500	A	C	---	.354	
22640H224	1/4-20	250-20	F.437	3.500	A	C	---	.156	
SC515	1/4-20	250-20	F.437	3.750	A	C	---	.156	
22507	1/4-20	250-20	G.250	.375	B	C	---	.196	
22508	1/4-20	250-20	G.250	.500	B	C	---	.196	
SS7161040SP	1/4-24	250-24	A	.374	A	A	.630	.138	18-1330
CS320 1/2	1/4-24	250-24	B	.312	A	A	---	---	
18-747	1/4-24	250-24	B	.609	C60	A	---	---	
18-564	1/4-24	250-24	B	1.031	A	A	---	---	
18-1094	1/4-24	250-24	E	.469	A	B.125	.375	.094	
18-120	1/4-24	250-24	F.312	.437	A	C	---	.187	
1298L	1/4-24	250-24	F.312	.437	C90	C	---	.187	
SS9161610SP	1/4-24	250-24	F.433	.630	A	A	---	.315	18-1409
18-280	1/4-24	250-24	F.437	.406	A	A	---	.187	
22653D4	1/4-28	250-28	A	.250	A	B.156	.375	.250	
22653D6	1/4-28	250-28	A	.375	A	B.156	.375	.250	
22653D8	1/4-28	250-28	A	.500	A	B.156	.375	.250	
18-998	1/4-28	250-28	A	.625	A	B.187	.375	.250	
22653D12	1/4-28	250-28	A	.750	A	B.156	.375	.250	
22653D16	1/4-28	250-28	A	1.000	A	B.156	.375	.250	
22653D24	1/4-28	250-28	A	1.500	A	B.156	.375	.250	
22653D32	1/4-28	250-28	A	2.000	A	B.156	.375	.250	
22651CD3	1/4-28	250-28	B	.187	A	B.125	---	---	
18-996	1/4-28	250-28	B	.187	A	B.125	---	---	
22651CD4	1/4-28	250-28	B	.250	A	B.125	---	---	
22894	1/4-28	250-28	B	.257	C90	B.125	---	---	
18-976	1/4-28	250-28	B	.312	C90	B.125	---	---	
22651CD5	1/4-28	250-28	B	.312	A	B.125	---	---	
18-1150	1/4-28	250-28	B	.375	C90	B.125	---	---	
18-968	1/4-28	250-28	B	.375	C90	B.125	---	---	
18-984	1/4-28	250-28	B	.750	A	B.125	---	---	
22657D10	1/4-28	250-28	C82	.625	A	B.156	.500	.161	
G22823B	1/4-28	250-28	C82	1.161	A	A	.437	.181	
22645H64	1/4-28	250-28	F.437	1.000	A	C	---	.172	
22586R	1/4-32	250-32	A	.437	A	A	.500	.125	
22586T	1/4-32	250-32	A	.437	A	A	.375	.125	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS, INC.

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22881B	1/4-32	250-32	F.375	.609	A	A	—	.281	
SS7660520SP		250-40	A	.197	A	A	.669	.098	18-1441
SS6660610TP		250-40	A	.236	A	A	.276	.118	
SS6660712TP		250-40	A	.276	A	B.157	.276	.157	18-1213
SS6660710TP		250-40	A	.276	A	A	.315	.157	
SS7661110TH		250-40	A	.433	F	A	.307	.157	18-1290
SS8660330SP		250-40	B	.118	A	A	—	—	
SS8660410SP		250-40	B	.165	A	A	—	—	18-1462
SS8660530TP		250-40	B	.177	A	A	—	—	18-1316
SS8660512TP		250-40	B	.197	A	B.118	—	—	18-1255
SS8660612TP		250-40	B	.236	A	B.118	—	—	18-1242
SS8660610TP		250-40	B	.236	A	A	—	—	18-1317
SS8660942TP		250-40	B	.335	C90	B.118	—	—	18-1241
SS8661012TP		250-40	B	.394	A	B.118	—	—	18-1285
SS8661212TP		250-40	B	.453	C60	B.118	—	—	18-1299
SS9661230CP		250-40	F.354	.472	A	A	—	.157	18-1307
99376A	W	255-40	A	.220	A	A	.315	.094	
22884	W	255-40	A	.312	A	A	.296	.094	
22894X	W	255-40	B	.187	A	B.125	—	—	
22580E	W	255-40	B	.250	A	A	—	—	
22894F	W	255-40	B	.312	A	B.125	—	—	
22894AC	W	255-40	B	.312	C71	B.125	—	—	
22894V	W	255-40	B	.437	A	B.125	—	—	
99240	X	257-32	A	.256	A	A	.335	.138	
318B	X	257-32	A	.256	A	A	.437	.146	
22586U	X	257-32	A	.281	A	A	.437	.156	
22806D	X	257-32	A	.437	A	A	.500	.156	
99289	X	257-32	A	.610	A	A	.437	.157	
22806A	X	257-32	A	.656	A	A	.375	.156	
318	X	257-32	A	.781	A	A	.437	.218	
820	X	257-32	A	1.062	A	A	.437	.187	
22806G	X	257-32	A	1.250	A	B.187	.375	.250	
74F	X	257-32	B	.205	A	A	—	—	
22894AE	X	257-32	B	.281	A	B.125	—	—	
74E	X	257-32	B	.281	A	A	—	—	
22894AN	X	257-32	B	.281	A	B.140	—	—	
22591	X	257-32	B	.312	A	A	—	—	
22591A	X	257-32	B	.312	B	A	—	—	
HA95	X	257-32	B	.375	A	A	—	—	
HA81	X	257-32	B	.453	C71	A	—	—	
22894AB	X	257-32	B	.500	A	B.125	—	—	
22590	X	257-32	B	.528	C71	A	—	—	
22537	X	257-32	B	.546	A	A	—	—	
22894G	X	257-32	B	.562	A	B.125	—	—	
BP108	X	257-32	F.375	.500	A	C	—	.265	
22811B	X	257-32	F.375	.750	A	C	—	.203	
22811	X	257-32	F.375	.750	A	C	—	.250	
22759A	X	257-32	F.375	1.281	A	A	—	.265	
SS7681410TP		281-28	A	.531	D	A	.354	.118	18-1466
SS8680810TP		281-28	B	.315	A	A	—	—	18-1273
SS8681130SP		281-28	B	.433	E	A	—	—	18-1315
SS8681412TP		281-28	B	.531	E	B.118	—	—	18-1240
SS9681610TP		281-28	F.433	.630	A	A	—	.197	18-1306
22652E12	5/16-18	312-18	A	.750	A	B.250	.468	.312	
99274	5/16-18	312-18	A	.807	A	A	.472	.224	
22652E14	5/16-18	312-18	A	.875	A	B.250	.468	.312	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.m43

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
22652E20	5/16-18	312-18	A	1.250	A	B.250	.468	.312	
90939	5/16-18	312-18	A	1.378	A	A	.591	.346	
22650AE4	5/16-18	312-18	B	.250	A	B.156	---	---	
18-1110	5/16-18	312-18	B	.250	A	B.156	---	---	
22650AE10	5/16-18	312-18	B	.312	A	B.156	---	---	
22650CE6	5/16-18	312-18	B	.375	A	B.156	---	---	
22650AE6	5/16-18	312-18	B	.375	A	B.156	---	---	
22815	5/16-18	312-18	B	.625	C90	A	---	---	
22637	5/16-18	312-18	C82	1.000	A	A	.560	.180	
22637A	5/16-18	312-18	C82	1.500	A	A	.560	.180	
SC461	5/16-18	312-18	C82	1.500	A	A	.636	.192	
22637D	5/16-18	312-18	C82	1.750	A	A	.560	.180	
SC460	5/16-18	312-18	C82	2.000	A	A	.636	.192	
SC457	5/16-18	312-18	D	2.000	A	A	.562	.246	
SC475	5/16-18	312-18	D	2.250	A	A	.562	.246	
22642	5/16-18	312-18	F.500	1.000	A	C	---	.203	
22642K112	5/16-18	312-18	F.500	1.750	A	A	---	.203	
22642K32	5/16-18	312-18	F.500	.500	A	C	---	.203	
18-C916	5/16-18	312-18	F.500	.750	A	C	---	.203	
22642K48	5/16-18	312-18	F.500	.750	A	C	---	.203	
SS9202443CP	5/16-18	312-18	F.551	.945	A	C	---	.276	18-1231
22509B	5/16-18	312-18	G.312	.375	B	C	---	.245	
69FD	5/16-18	312-18	G.312	.625	B	C	---	.245	
650X18	5/16-18	312-18	H	2.250	A	C	.700	.166	
650X20	5/16-18	312-18	H	2.500	A	C	.700	.166	
650X36	5/16-18	312-18	H	4.500	A	C	.700	.166	
SS7701610SN	5/16-24	312-24	A	.630	A	A	.531	.118	18-1428
22653E12	5/16-24	312-24	A	.750	A	B.250	.468	.312	
22653E14	5/16-24	312-24	A	.875	A	B.250	.468	.312	
22653E20	5/16-24	312-24	A	1.250	A	B.250	.468	.312	
18-967	5/16-24	312-24	B	.375	A	B.156	---	---	
SS8701042TP	5/16-24	312-24	B	.394	A	B.157	---	---	18-1239
SS8701782TP	5/16-24	312-24	B	.669	D	B.157	---	---	18-1238
LS398	5/16-24	312-24	B	1.062	C60	A	---	---	
22644K40	5/16-24	312-24	F.500	.625	A	C	---	.203	
22644K48	5/16-24	312-24	F.500	.750	A	C	---	.203	
18-739	5/16-24	312-24	F.500	.875	A	C	---	.218	
22644K80	5/16-24	312-24	F.500	1.250	A	C	---	.203	
22847B	Y	314-24	A	.375	A	A	---	---	
J80K	Y	314-24	B	.161	A	A	---	---	
99286	Y	314-24	E	.433	A	A	.787	.177	
22571D	AK	368-24	B	.125	A	A	---	---	
22571A	AK	368-24	B	.280	A	A	---	---	
22733B	AK	368-24	E	.250	A	A	.500	.125	
22652F12	3/8-16	375-16	A	.750	A	B.312	.562	.375	
22652F16	3/8-16	375-16	A	1.000	A	B.312	.562	.375	
22652F20	3/8-16	375-16	A	1.250	A	B.312	.562	.375	
22617A	3/8-16	375-16	A	1.250	A	A	.562	.375	
22652F32	3/8-16	375-16	A	2.000	A	B.312	.562	.375	
22650CF6	3/8-16	375-16	B	.375	B	B.187	---	---	
22650AF8	3/8-16	375-16	B	.500	A	B.187	---	---	
22638B	3/8-16	375-16	C82	.750	A	A	.762	.230	
SC170	3/8-16	375-16	C82	1.000	A	A	.762	.230	
650AC36	3/8-16	375-16	C82	4.500	A	A	.750	.210	
22638C	3/8-16	375-16	C82	7.000	A	A	.762	.230	
22733A	3/8-16	375-16	E	.265	A	A	.562	.110	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M25

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
1384L1/2	3/8-16	375-16	F.562	.375	A	C	---	.236	
22603	3/8-16	375-16	F.562	.750	A	C	---	.234	
22604	3/8-16	375-16	F.562	1.000	A	C	---	.234	
22605	3/8-16	375-16	F.562	1.250	A	C	---	.234	
22640M96	3/8-16	375-16	F.562	1.500	A	C	---	.234	
22640	3/8-16	375-16	F.562	1.750	A	C	---	.234	
22661	3/8-16	375-16	F.562	1.750	A	C	---	.234	
22641	3/8-16	375-16	F.562	2.000	A	C	---	.234	
22640M144	3/8-16	375-16	F.562	2.250	A	C	---	.234	
21300B2 1/2	3/8-16	375-16	H	2.500	A	C	.844	.208	
18-1045	3/8-24	375-24	A	.750	A	B.250	.500	.375	
22653F16	3/8-24	375-24	A	1.000	A	B.312	.562	.375	
22653F24	3/8-24	375-24	A	1.500	A	B.312	.562	.375	
22653F40	3/8-24	375-24	A	2.500	A	B.312	.562	.375	
SS6741010SP		375-28	E	.394	A	A	.669	.138	18-1357
99256		404-16	A	.844	A	A	.625	.394	
80463A	AD	404-16	F.689	1.496	A	C	---	.354	
99346	7/16-27	437-27	B	.374	A	B.219	---	---	
22539M	7/16-27	437-27	B	.375	A	A	---	---	
22539V		437-28	B	.156	A	A	---	---	
22608A	1/2-13	500-13	F.750	1.250	A	C	---	.312	
22610A	1/2-13	500-13	F.750	1.750	A	C	---	.312	
22611A	1/2-13	500-13	F.750	2.500	A	C	---	.312	
22640R40	1/2-13	500-13	F.750	.625	A	C	---	.312	
22539H	AF	510-24	B	.156	A	A	---	---	
22539T	AG	548-18	B	.218	A	A	---	---	
99376	--	597-32	A	.216	A	A	.779	.130	
22539G		597-32	B	.156	A	A	---	---	
22539AA		597-32	B	.156	A	A	---	---	
22733C	--	597-32	E	.206	A	A	.718	.135	
22539	AH	671-36	B	.158	A	A	---	---	
22539P		804-24	B	.422	A	A	---	---	
22539N		869-20	B	.343	A	A	---	---	
22539D	--	869-20	B	.422	A	A	---	---	
22733E	--	869-20	E	.312	A	A	1.125	.312	
22539S		1,062-16	B	.312	A	A	---	---	
99375		M1.6	A	.236	A	A	.118	.039	
95150C		M1.6	A	.394	A	A	.118	.079	
18-1473		M2	A	.138	A	A	.134	.051	
95178A		M2	A	.236	A	A	.150	.051	
95178BV		M2	A	.394	A	A	.150	.051	
95148B		M2	C90	.472	A	A	.091	.028	
SM6020250TP		M2x0.4	A	.079	A	A	.138	.051	18-1457
SM6020600TP		M2x0.4	A	.236	A	A	.138	.051	18-1452
SM6021000TP		M2x0.4	A	.394	A	A	.138	.051	18-1454
SM1020450TP		M2x0.4	C90	.157	A	A	.157	.047	18-1455
95150AV		M2.5	A	.181	A	A	.177	.063	
95528		M2.5	B	.118	B	B.051	---	---	
95207		M2.5	B	.197	A	B.051	---	---	
99685		M3	A	.197	A	B.118	.335	.098	
95685		M3	A	.197	A	B.098	.216	.079	
95166C		M3	A	.236	A	A	.216	.079	
95402D		M3	A	.236	A	B.098	.217	.118	
95166D		M3	A	.236	A	A	.216	.079	
18C110		M3	A	.250	A	A	.171	.109	
99343D		M3	A	.315	A	A	.216	.079	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.M3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95166		M3	A	.315	A	A	.216	.079	
95166V		M3	A	.315	A	A	.216	.079	
95402B		M3	A	.394	A	B.098	.216	.118	
95166A		M3	A	.394	A	A	.216	.079	
95166AV		M3	A	.394	A	A	.216	.079	
95402E		M3	A	.472	A	B.198	.216	.118	
95171		M3	A	.472	A	A	.216	.079	
95179K		M3	A	.472	A	A	.216	.079	
95666V		M3	A	.488	A	A	.236	.094	
95167A		M3	A	.551	A	A	.216	.079	
95402C		M3	A	.630	A	B.O98	.217	.118	
95167		M3	A	.630	A	A	.216	.079	
95175A		M3	A	.787	A	A	.216	.079	
95402GR		M3	A	.787	A	B.O98	.217	.118	
95175		M3	A	.984	A	A	.216	.079	
99343B		M3	A	.988	A	A	.236	.098	
95167B		M3	A	1.181	A	A	.216	.079	
95167CV		M3	A	1.378	A	A	.216	.079	
95167DV		M3	A	1.575	A	A	.216	.079	
95175B		M3	A	2.165	A	A	.216	.079	
95435		M3	C90	.197	A	B.079	.236	.067	
99316G		M3	C90	.248	A	B.094	.236	.102	
95435A		M3	C90	.315	A	B.079	.236	.067	
95303		M3	C90	.315	A	A	.220	.065	
95311BV		M3	C90	.394	A	D	.220	.065	
95311AV		M3	C90	.394	A	D	.220	.065	
99316B		M3	C90	.492	A	A	.220	.059	
99316C		M3	C90	.768	A	A	.220	.059	
99316D		M3	C90	1.122	A	A	.220	.059	
18C1471		M3	D	.118	A	B.079	.224	.065	
95183		M3	E	.984	A	A	.236	.071	
95059AV		M3	F.216	.630	A	C	—	.079	
18-1453		M3x0.5	A	.102	A	A	.236	.039	
18-1456		M3x0.5	C90	.197	A	A	.197	.051	
18C48		M4	A	.125	A	A	.281	.078	
95161V		M4	A	.236	A	A	.276	.110	
95860		M4	A	.236	A	B.118	.276	.110	
95409C		M4	A	.236	A	B.118	.276	.157	
18C911		M4	A	.250	A	A	.281	.062	
95166		M4	A	.315	A	A	.216	.079	
95180A		M4	A	.315	A	A	.276	.102	
95409B		M4	A	.315	A	B.118	.276	.157	
95158V		M4	A	.315	A	A	.276	.110	
95409		M4	A	.394	A	B.118	.276	.157	
95686		M4	A	.394	A	B.098	.276	.110	
95159V		M4	A	.394	A	A	.276	.110	
95151V		M4	A	.472	A	A	.276	.110	
95409D		M4	A	.472	A	B.118	.276	.157	
95151		M4	A	.472	A	A	.276	.110	
18C99		M4	A	.562	A	A	.234	.109	
95154V		M4	A	.591	A	A	.276	.110	
95154		M4	A	.591	A	A	.276	.110	
95167		M4	A	.591	A	A	.216	.079	
95406A		M4	A	.630	A	B.118	.276	.110	
18C84		M4	A	.687	A	A	.218	.109	
95153V		M4	A	.709	A	A	.276	.110	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.m43

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95410		M4	A	.709	A	B.118	.276	.176	
95153		M4	A	.709	A	A	.276	.110	
95419		M4	A	.787	A	B.118	.276	.157	
99371H		M4	A	.827	A	B.118	.433	.197	
95176Z		M4	A	.866	A	A	.276	.102	
95156		M4	A	.984	A	A	.276	.110	
95156V		M4	A	.984	A	A	.276	.102	
95402		M4	A	.984	A	B.118	.276	.157	
95164		M4	A	1.102	A	A	.512	.192	
95415		M4	A	1.181	A	B.118	.276	.157	
95173		M4	A	1.378	A	A	.276	.102	
95152B		M4	A	1.575	A	A	.276	.102	
95406C		M4	A	1.575	A	B.118	.276	.157	
95160V		M4	A	1.968	A	A	.276	.110	
95406B		M4	A	2.165	A	B.118	.276	.110	
95409A		M4	A	2.362	A	B.118	.276	.157	
95516A		M4	B	.157	A	B.079	---	---	
95516		M4	B	.197	A	B.079	---	---	
95542		M4	B	.236	B	B.079	---	---	
95116		M4	C90	.197	A	A	.315	.091	
95110A		M4	C90	.315	A	A	.295	.087	
95110		M4	C90	.315	A	A	.315	.091	
95310		M4	C90	.394	A	D	.295	.087	
95111		M4	C90	.394	A	A	.315	.091	
95121		M4	C90	.472	A	A	.295	.087	
95437		M4	C90	.472	A	B.098	.315	.090	
95146		M4	C90	.630	A	A	.295	.087	
95149		M4	C90	.787	A	A	.295	.087	
95657		M4	D	.315	A	B.098	.295	.083	
95657A		M4	D	.394	A	B.098	.295	.083	
95657B		M4	D	.709	A	B.098	.295	.083	
18C905		M4	E	.098	A	A	.281	.058	
95180V		M4	E	.394	A	A	.315	.094	
95050A		M4	F.276	.394	A	C	---	0.11	
18-1450		M4x0.7	C90	.276	A	B.098	.315	.091	
18-1449		M4x0.7	E	.157	A	E	.276	.102	
95169		M5	A	.197	A	A	.335	.130	
18C87		M5	A	.312	A	A	.469	.094	
95174V		M5	A	.315	A	A	.335	.130	
95157		M5	A	.394	A	A	.335	.130	
95412A		M5	A	.472	A	B.157	.335	.197	
95165		M5	A	.472	A	A	.335	.130	
95174A		M5	A	.472	A	A	.335	.130	
95403A		M5	A	.630	A	B.157	.335	.197	
95421		M5	A	.787	A	B.157	.335	.197	
95177		M5	A	.787	A	A	.335	.130	
95424		M5	A	.984	A	B.157	.335	.197	
95168A		M5	A	.984	A	A	.335	.130	
95422		M5	A	1.181	A	B.157	.335	.197	
95412		M5	A	1.378	A	B.157	.335	.197	
95424A		M5	A	1.575	A	B.157	.335	.197	
95411		M5	A	1.772	A	B.157	.335	.197	
18C94-2		M5	B	.187	A	A	---	---	
95526		M5	B	.315	A	B.098	---	---	
95475B		M5	B	.630	D	B.098	---	---	
95515		M5	B	.787	A	B.079	---	---	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

SCREWS.MS.WKS

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95515A		M5	B	1.378	A	B.098	---	---	
95115		M5	C90	.472	A	A	.394	.110	
95117		M5	C90	.630	A	A	.362	.098	
95103A		M5	C90	.984	A	A	.362	.098	
95656A		M5	D	.394	A	B.118	.374	.106	
95656B		M5	D	.630	A	B.118	.374	.106	
95656C		M5	D	.984	A	B.118	.374	.106	
95184V		M5	E	1.575	A	A	.394	.118	
95184AV		M5	E	1.968	A	A	.394	.118	
95059		M5	F.315	.394	A	C	---	.138	
95050		M5	F.315	.591	A	C	---	.138	
95407		M6	A	1.181	A	B.197	.394	.236	
95401		M6	A	1.378	A	B.197	.394	.236	
95413A		M6	A	1.575	A	B.197	.394	.236	
95413B		M6	A	1.772	A	B.197	.394	.236	
95416		M6	A	1.968	A	B.197	.394	.234	
95413C		M6	A	2.362	A	B.197	.394	.236	
95413D		M6	A	2.756	A	B.197	.394	.236	
95153A		M6	A	.394	A	A	.394	.154	
95413		M6	A	.394	A	B.197	.394	.236	
95403C		M6	A	.472	A	B.197	.394	.236	
95152		M6	A	.591	A	A	.394	.157	
95403		M6	A	.630	A	B.197	.394	.236	
95400		M6	A	.787	A	B.197	.394	.236	
95163		M6	A	.787	A	A	.394	.157	
95404		M6	A	.984	A	B.197	.394	.236	
95500		M6	B	.315	A	B.118	---	---	
95205		M6	B	.315	B	B.118	---	---	
95120		M6	C90	.315	A	A	.433	.118	
95144		M6	C90	.394	A	A	.394	.091	
95145		M6	C90	.591	A	A	.433	.118	
95109		M6	C90	.591	A	A	.472	.130	
95106		M6	C90	.787	A	A	.472	.130	
95107		M6	C90	1.181	A	A	.472	.130	
95108		M6	C90	1.575	A	A	.472	.130	
95658		M6	D	1.181	A	B.157	.413	.126	
95658A		M6	D	.472	A	B.157	.413	.126	
95051A		M6	F.394	.315	A	C	---	.157	
95051		M6	F.394	.591	A	C	---	.157	
95029		M6	F.394	.709	A	C	---	.157	
95057		M6	F.394	.787	A	C	---	.157	
95070		M6	F.394	.984	A	C	---	.157	
95018		M6	F.394	1.181	A	C	---	.157	
95071		M6	F.394	1.378	A	C	---	.157	
95018A		M6	F.394	1.968	A	C	---	.157	
95405		M8	A	.591	A	B.236	.512	.315	
95861		M8	A	.787	A	B.236	.512	.197	
95406		M8	A	.866	A	B.236	.512	.315	
95408		M8	A	.984	A	B.236	.512	.315	
95405A		M8	A	1.575	A	B.236	.512	.315	
95410A		M8	A	2.362	A	B.236	.512	.315	
95423		M8	A	3.150	A	B.236	.512	.315	
95215		M8	B	.315	A	A	---	---	
95510		M8	B	.394	A	B.157	---	---	
95204		M8	B	.472	C90	A	---	---	
95514		M8	B	.630	A	B.157	---	---	

FASTENER SCREW LIST

(LISTED BY THREAD SIZE)

screws.m3

SCREW	SYMBOL	THREAD SIZE	HEAD TYPE	LENGTH	POINT TYPE	DRIVE	HEAD DIA	HEAD HEIGHT	FORMERLY
95511		M8	B	.787	A	B.157	---	---	
95142		M8	C90	.472	A	A	.512	.110	
95142A		M8	C90	.630	A	A	.571	.157	
95112		M8	C90	.787	A	A	.571	.157	
95105		M8	C90	.984	A	A	.630	.173	
95104		M8	C90	1.378	A	A	.630	.173	
95104A		M8	C90	1.575	A	A	.571	.157	
95052		M8	F.512	.591	A	C	---	.216	
95321Z		M8	F.512	.630	A	C	---	.216	
95003		M8	F.512	.787	A	C	---	.216	
95323Z		M8	F.512	.984	A	C	---	.216	
95001		M8	F.512	.984	A	C	---	.216	
95022		M8	F.512	1.181	A	C	---	.216	
95002		M8	F.512	1.378	A	C	---	.216	
95072		M8	F.512	1.378	A	C	---	.216	
95016		M8	F.512	1.574	A	C	---	.216	
95013		M8	F.512	1.772	A	C	---	.216	
95068A		M8	F.512	2.165	A	C	---	.216	
95068		M8	F.512	2.559	A	C	---	.216	
95028		M8	F.512	2.756	A	C	---	.216	
95028A		M8	F.512	3.150	A	C	---	.216	
95408B		M10	A	.787	A	B.315	.630	.394	
95408C		M10	A	1.181	A	B.315	.630	.394	
95400A		M10	A	1.378	A	B.315	.630	.394	
95408D		M10	A	1.575	A	B.315	.630	.394	
95525		M10	B	.630	A	B.197	---	---	
95520		M10	B	1.968	A	B.197	---	---	
95101		M10	C90	.787	A	A	.787	.216	
95140		M10	C90	1.181	A	A	.390	.197	
95660		M10	D	.800	A	B.236	.670	.210	
95004		M10	F.669	1.181	A	C	---	.276	
95005		M10	F.669	1.574	A	C	---	.276	
95064		M10	F.669	1.772	A	C	---	.276	
95067		M10	F.669	2.559	A	C	---	.276	
95065		M10	F.669	3.938	A	C	---	.276	
95060		M10	F.669	4.331	A	A	---	.276	
95066		M10	F.669	4.724	A	C	---	.276	
95053		M10	F.669	.591	A	C	---	.276	
95054		M10	F.669	.787	A	C	---	.276	
95055		M10	F.669	.984	A	C	---	.276	
95653		M10	F.748	2.165	A	C	---	.315	
99366A		M10x1	A	.197	A	A	.472	.079	
95830		M12	F.512	9.449	A	C	---	.315	
95069		M12	F.748	1.378	A	C	---	.315	
95014		M12	F.748	1.575	A	C	---	.315	
95008		M12	F.748	3.150	A	C	---	.315	
95062		M12	F.748	4.331	A	C	---	.315	
99347		M12x1	A	.315	A	A	.776	.138	
99366		M14x0.75	A	.236	A	A	.630	.079	
95063		M16	F.945	1.378	A	C	---	.394	
95074		M16	F.945	2.559	A	C	---	.394	
95020		M16	F.945	2.559	A	C	---	.394	
95075		M20x1.5	F1.181	.984	A	C	---	.630	
99346A		M24x1.5	B	.787	A	A	---	---	

WASHERS

washers.wk3

SYMBOL	I. D.	O. D.	THICK	MAT'L	H/S	19-Dec-96 COMMENTS
652E6	.047	.375	.035	STEEL	SOFT	
A10311A	.061	.213	.020	STEEL	SOFT	
96151	.087	.177	.020	STEEL	SOFT	
WP0250516SD	.098	.236	.020	STEEL	SOFT	
95959	.098	.236	.031	STEEL	SOFT	
660-113	.101	.250	.020	BRASS	---	
96150	.106	.197	.020	STEEL	SOFT	
95958V	.106	.236	.020	STEEL	SOFT	DIN 125
33776	.110	.200	.047	STEEL	HARD	HIGH COST
1656L	.113	.218	.058	STEEL	SOFT	
41358	.125	.308	.042	STEEL	SOFT	
34768KA	.126	.213	.067	STEEL	HARD	
33703TC	.126	.236	.020	STEEL	SOFT	
95956	.126	.276	.020	STEEL	SOFT	
96904	.126	.354	.031	STEEL	SOFT	DIN 9021
41358T	.128	.187	.047	STEEL	SOFT	
2148	.128	.433	.023	STEEL	SOFT	
56368C	.130	.187	.125	STEEL	HARD	HIGH COST
40-107	.136	.218	.018	STEEL	SOFT	
27-527BLK	.136	.218	.028	STEEL	SOFT	
WP0371026SD	.146	.276	.039	STEEL	SOFT	
WP0370316SD	.146	.315	.012	STEEL	SOFT	
WP0371016SD	.146	.315	.039	STEEL	SOFT	
56330AU	.146	.360	.042	STEEL	HARD	HIGH COST
C50063N	.150	.275	.087	STEEL	HARD	
C1054	.156	.312	.125	STEEL	SOFT	
53678N	.156	.375	.047	STEEL	HARD	
40-191	.160	.437	.015	STEEL	SOFT	
51225W	.160	.437	.049	STEEL	HARD	
34337E	.161	.512	.039	STEEL	HARD	HIGH COST
80265	.165	.292	.042	STEEL	SOFT	
50386A	.165	.551	.031	STEEL	SOFT	
80766	.165	.748	.276	STEEL	SOFT	
80266	.166	.312	.078	STEEL	HARD	
95950	.169	.354	.031	DELTRIN	---	
95954	.169	.354	.031	STEEL	SOFT	
96903	.169	.472	.039	STEEL	SOFT	DIN 9021
61377Q	.172	.375	.028	STEEL	SOFT	
660-605	.172	.375	.030	NYLON	---	
CS510	.172	.750	.065	STEEL	HARD	
WP0450000SD	.177	.315	.020	STEEL	SOFT	
WP0451026SH	.177	.394	.039	STEEL	HARD	
99702GA	.177	.394	.138	STEEL	SOFT	
358A	.178	.441	.028	STEEL	SOFT	

WASHERS

washers.wk3

19-Dec-96
COMMENTS

SYMBOL	I. D.	O. D.	THICK	MAT'L	H/S	COMMENTS
80040-1	.181	.354	.039	STEEL	SOFT	
51854C	.187	.250	.047	STEEL	SOFT	
39536BX	.187	.562	.063	STEEL	HARD	
WP0480856SP	.189	.331	.031	STEEL	SOFT	
1185L	.189	.343	.028	STEEL	SOFT	
31258DA	.189	.374	.146	STEEL	SOFT	
56358D	.189	.375	.187	STEEL	HARD	
4611U	.189	.433	.060	STEEL	SOFT	HIGH COST
AS126	.189	.625	.049	STEEL	HARD	
57836T	.190	.500	.041	STEEL	HARD	HIGH COST
51235G	.191	.312	.028	STEEL	HARD	
53634C	.191	.328	.028	STEEL	HARD	
35032H	.191	.437	.065	STEEL	SOFT	
8372A	.192	.375	.048	STEEL	HARD	
69H	.192	.437	.042	STEEL	SOFT	
40-112	.193	.281	.003	STEEL	SOFT	
40-38	.193	.437	.047	STEEL	HARD	
35053AB	.193	.472	.118	STEEL	HARD	HIGH COST
99652A	.197	.374	.039	STEEL	HARD	
WP0502616SD	.197	.453	.102	STEEL	SOFT	
39543AU	.200	.270	.027	STEEL	SOFT	
21210C	.200	.276	.014	STEEL	SOFT	
54249D	.203	.375	.018	STEEL	HARD	
WP0520656SA	.205	.374	.024	STEEL	SOFT	
2015N	.205	.394	.091	STEEL	SOFT	
99652C	.205	.709	.197	DELTRIN		
WP0531000SD	.208	.394	.039	STEEL	SOFT	
95955A	.209	.394	.039	STEEL	SOFT	BRIGHT
95955	.209	.394	.039	STEEL	SOFT	BLACK
62218W029	.214	.319	.029	STEEL	HARD	HIGH COST
62218W031	.214	.319	.031	STEEL	HARD	HIGH COST
62218W033	.214	.319	.033	STEEL	HARD	HIGH COST
62218W035	.214	.319	.035	STEEL	HARD	HIGH COST
62218W037	.214	.319	.037	STEEL	HARD	HIGH COST
62218W039	.214	.319	.039	STEEL	HARD	HIGH COST
C50077N	.214	.578	.040	STEEL	HARD	HIGH COST
39857E	.218	.340	.049	STEEL	HARD	
56342J	.218	.370	.063	STEEL	HARD	
51242M	.218	.375	.028	STEEL	HARD	
20	.218	.437	.028	STEEL	SOFT	
C50078AD	.218	.500	.156	STEEL	HARD	
40-139	.220	.437	.028	STEEL	SOFT	
40-148	.221	.312	.062	STEEL	SOFT	
80557	.221	.437	.055	STEEL	SOFT	

WASHERS

washers.wk3

SYMBOL	I. D.	O. D.	THICK	MAT'L	H/S	19-Dec-96 COMMENTS
60038K	.221	.500	.041	STEEL	HARD	
21657E	.221	.500	.049	STEEL	SOFT	
61434G	.221	.500	.050	STEEL	HARD	
HA20A	.221	.625	.078	STEEL	HARD	
51216N	.224	.406	.028	STEEL	SOFT	
40-188	.226	.625	.030	STEEL	SOFT	HIGH COST
9255	.228	.547	.072	STEEL	SOFT	
59480A	.234	.500	.167	STEEL	HARD	HIGH COST
HS36K	.234	.719	.078	STEEL	SOFT	
2165D-0.1	.236	.472	.004	STEEL	SOFT	
2165D-0.2	.236	.472	.008	STEEL	SOFT	
2165D-0.3	.236	.472	.012	STEEL	SOFT	
2165D-0.5	.236	.472	.020	STEEL	SOFT	
2165D-1.0	.236	.472	.039	STEEL	SOFT	
9006D	.236	.630	.059	STEEL	SOFT	HIGH COST
2015M	.244	.315	.078	STEEL	SOFT	
C50063U	.244	.390	.028	STEEL	HARD	
WP0621016SD	.244	.512	.039	STEEL	SOFT	
80772	.248	.630	.118	STEEL	SOFT	
40-181	.250	.562	.047	STEEL	SOFT	
39580F	.252	.365	.062	STEEL	HARD	
95951A	.252	.472	.063	STEEL	SOFT	DIN 125
95951	.252	.492	.059	STEEL	SOFT	
40C193	.252	.677	.030	STEEL	HARD	BEARING
96902	.252	.709	.063	STEEL	SOFT	DIN 9021
6042A	.255	.437	.036	STEEL	HARD	
WP0651056SD	.256	.433	.079	STEEL	SOFT	
WP0651056SH	.256	.433	.079	STEEL	HARD	
39543N	.257	.500	.031	STEEL	HARD	
20M	.257	.750	.050	STEEL	HARD	HIGH COST
39543R	.258	.390	.065	STEEL	HARD	
61341F	.258	.500	.055	STEEL	HARD	HIGH COST
50342Y	.259	.421	.187	STEEL	HARD	HIGH COST
40-46	.260	.500	.065	STEEL	SOFT	
53636C	.261	.671	.055	STEEL	HARD	
HA20B	.263	.630	.080	STEEL	HARD	
652J16	.265	1.250	.049	STEEL	SOFT	
454A	.265	.562	.028	STEEL	SOFT	
28577	.265	.625	.047	STEEL	SOFT	
43137E	.266	.625	.049	STEEL	HARD	
51-152BLK	.268	.500	.075	STEEL	SOFT	
35141B	.269	.625	.082	STEEL	HARD	HIGH COST
53344F	.272	.625	.059	FIBER	---	
15444F	.272	.625	.078	FIBER	---	

WASHERS

washers.wk3

SYMBOL	I. D.	O. D.	THICK	MAT'L	H/S	19-Dec-96 COMMENTS
96928	.276	.551	.063	STEEL	SOFT	DIN 1440
51134J	.281	.468	.156	STEEL	SOFT	
61451C	.282	.500	.022	STEEL	SOFT	
C50067S	.283	.590	.067	STEEL	HARD	HIGH COST
C50092R	.288	.843	.079	STEEL	SOFT	
34343C	.295	RECT	.059	STEEL	HARD	HIGH COST
WP0751576SD	.295	.748	.059	STEEL	SOFT	
WP0764016SP	.299	.787	.157	STEEL	HARD	
652-16	.312	.750	.062	STEEL	SOFT	
2165C-0.2	.315	.551	.008	STEEL	SOFT	
2165C-0.3	.315	.551	.012	STEEL	SOFT	
2165C-0.5	.315	.551	.020	STEEL	SOFT	
2165C-1.0	.315	.551	.039	STEEL	SOFT	
99615	.315	.591	.098	DELTRIN		
99590R	.315	.709	.197	DELTRIN		
821U	.315	.826	.079	STEEL	SOFT	
53542	.319	.609	.052	STEEL	HARD	HIGH COST
1278	.319	.649	.079	STEEL	HARD	HIGH COST
61256G	.320	.453	.042	STEEL	HARD	
35876U	.321	.490	.109	STEEL	HARD	
814U	.323	.563	.024	STEEL	SOFT	HIGH COST
54274P	.323	.750	.060	STEEL	HARD	
61351C	.328	.625	.020	STEEL	HARD	
54274AD	.330	.998	.095	STEEL	HARD	HIGH COST
WP0841600OE	.331	.610	.063	STEEL	SOFT	
95953	.331	.625	.059	STEEL	SOFT	
95953Z	.331	.630	.063	STEEL	SOFT	DIN 125
90557	.331	.669	.063	STEEL	SOFT	
96900	.331	.945	.079	STEEL	SOFT	DIN 9021
WP0850002SC	.335	.709	.063	STEEL	SOFT	
WP0851846SC	.335	.866	.071	STEEL	SOFT	
21353	.343	1.250	.078	STEEL	SOFT	
41394G	.375	.500	.028	STEEL	SOFT	
652L24	.375	.750	.031	STEEL	SOFT	
652-20	.375	.875	.062	STEEL	SOFT	
39552C	.377	.562	.062	STEEL	HARD	
62244A	.377	.671	.055	STEEL	HARD	
C50043H021	.380	.562	.021	STEEL	HARD	HIGH COST
C50043H025	.380	.562	.025	STEEL	HARD	HIGH COST
C52243H029	.380	.562	.029	STEEL	HARD	HIGH COST
652J24	.390	1.250	.078	STEEL	SOFT	
815L	.390	.562	.062	STEEL	SOFT	
62295	.390	.625	.065	STEEL	HARD	
97211	.394	.630	.012	STEEL	SOFT	

WASHERS

washers.wk3

SYMBOL	I. D.	O. D.	THICK	MAT'L	H/S	19-Dec-96 COMMENTS
34342D	.398	.630	.079	STEEL	HARD	
21371UE	.406	2.312	.060	STEEL	SOFT	
81294	.406	.512	.078	STEEL	HARD	
54244L	.409	.875	.191	STEEL	HARD	
51242L	.410	.625	.062	STEEL	HARD	
55183D	.410	.750	.083	STEEL	HARD	
51244L	.410	.875	.063	STEEL	HARD	
51242L	.411	.625	.061	STEEL	HARD	
56751	.411	.812	.093	STEEL	HARD	
96901K	.413	1.181	.098	STEEL	SOFT	DIN 9021
99661B	.413	1.181	.236	STEEL	SOFT	
A10270H	.413	.622	.118	STEEL	SOFT	
1025U	.413	.998	.118	STEEL	SOFT	
1021U	.426	.518	.079	STEEL	SOFT	
92867AJ	.433	1.570	.630	STEEL	SOFT	HIGH COST
WP1102016SC	.433	.827	.079	STEEL	SOFT	
652-24	.437	1.000	.078	STEEL	SOFT	
21353C	.437	1.250	.072	STEEL	SOFT	
51239U	.437	1.937	.028	STEEL	HARD	
21353D	.437	3.000	.120	STEEL	SOFT	
48	.437	.781	.028	STEEL	SOFT	HIGH COST
39-152	.438	.646	.132	STEEL	HARD	HIGH COST
41391	.440	.812	.060	STEEL	HARD	
99701GA	.449	.823	.118	POLY.		
105X1	.453	1.339	.098	STEEL	SOFT	
652-25	.453	.625	.031	STEEL	SOFT	
21353A	.468	1.750	.138	STEEL	SOFT	
39590J	.473	.687	.125	STEEL	HARD	
92865VE	.488	.866	.138	STEEL	SOFT	
40-180	.500	1.437	.169	STEEL	SOFT	HIGH COST
39836AH	.500	.203	.042	STEEL	SOFT	
40-17	.501	.937	.052	STEEL	HARD	
39873B	.502	.875	.028	STEEL	HARD	HIGH COST
40-197	.503	1.000	.063	STEEL	HARD	
39573A	.503	.750	.063	STEEL	HARD	
95961	.512	.945	.098	STEEL	SOFT	DIN 125
99639E	.512	.984	.165	STEEL	SOFT	HIGH COST
35086BC	.520	.866	.012	POLY	---	
652A32	.531	1.062	.093	STEEL	SOFT	
62295A	.531	.812	.042	STEEL	HARD	
40-135	.531	.859	.048	STEEL	HARD	BEARING
57849C	.531	.875	.062	STEEL	HARD	
52951C	.531	.875	.125	STEEL	HARD	
56390H	.532	1.090	.033	STEEL	HARD	BEARING

WASHERS

washers.wk3

19-Dec-96
COMMENTS

SYMBOL	I. D.	O. D.	THICK	MAT'L	H/S	COMMENTS
34350D	.539	.708	.079	STEEL	SOFT	
652P36	.562	1.375	.109	STEEL	SOFT	
35055V	.591	.875	.047	STEEL	HARD	
652S40	.625	1.250	.028	STEEL	HARD	HIGH COST
40-143	.626	.875	.058	STEEL	SOFT	
1635U	.669	1.181	.118	STEEL	SOFT	HIGH COST
95957	.748	1.339	.118	STEEL	SOFT	
59349N	.751	1.000	.032	STEEL	HARD	
28616F	.751	1.250	.065	STEEL	SOFT	
50373CD	.811	1.339	.031	PTFE	---	
95960	.906	1.535	.118	STEEL	SOFT	DIN 125
35895Q	1.000	2.312	.065	STEEL	SOFT	
52951B	1.003	1.375	.057	STEEL	HARD	BEARING
34386BD	1.173	1.260	.193	STEEL	SOFT	HIGH COST
21199AM	1.181	1.654	.039	STEEL	SOFT	
20406B	1.575	2.126	.197	STEEL	SOFT	
96103	.110	.217	.016	STEEL	HARD	EXT. LOCK
96103A	.126	.236	.016	STEEL	HARD	EXT. LOCK
652D8	.127	.312	.047	STEEL	HARD	SPLIT LOCK
WZ0420350KP	.165	.315	.012*	STEEL	HARD	SPRING
96100	.169	.315	.020	STEEL	HARD	EXT. LOCK
WS0441040KP	.173	.291	.039	STEEL	HARD	SPLIT LOCK
WS0451040KP	.177	.335	.039	STEEL	HARD	SPLIT LOCK
652B12	.190			STEEL	HARD	EXT. LOCK
50368H	.191	.750	.065	STEEL	HARD	FLAT SIDE
21657AN	.200	.500	.049*	STEEL	HARD	KNURLED
35772H	.203	.375	.018*	STEEL	HARD	BOWED
96101	.209	.394	.024	STEEL	HARD	EXT. LOCK
96123	.209	.394	.024	STEEL	HARD	EXT. LOCK
61303D	.220	.406	.012	STEEL	HARD	BOWED
99521	.248	1.654	.010*	STEEL	HARD	BOWED
WS0631510KP	.248	.433	.059	STEEL	HARD	SPLIT LOCK
99521	.248	.472	.010*	STEEL	HARD	BOWED
WZ0640200KP	.252	.433	.006*	STEEL	HARD	WAVE
96102	.252	.433	.028	STEEL	HARD	EXT. LOCK
96122	.252	.433	.028	STEEL	HARD	EXT. LOCK
96122A	.252	.433	.028	STEEL	HARD	INT LOCK
G39543R	.254			STEEL	HARD	SPLIT LOCK
J1614	.257	.531	.025*	STEEL	HARD	BOWED
61341J	.258	.562	.055	STEEL	HARD	GROUPED

NUT DIMENSIONS

PART NUMBER	THREAD	THICK	WRENCH SIZE	SHAPE
60078Z	088-64	.062	13/64	HEX
35875V	088-64	.063	5/32	HEX
3451MD	088-64	.067	5mm	SQUARE
51250C	110-50	.093	7/32	HEX
99308	110-50	.106	SLOT	ROUND
20-13	112-48	.063	1/4	HEX
20-122	112-48	.075	1/4	HEX
43443Q	124-50	.078	7/32	HEX
99322	124-50	.079	7/32	HEX
99309A	124-50	.098		ROUND
99309B	124-50	.315		ROUND
NS6080210SP	125-44	.079	5mm	HEX
1311L	125-44	.080	1/4	HEX
NS6080340SP	125-44	.118	5mm	HEX
835L	125-44	.156	5/16	HEX
NS6090310SP	140-40	.126	6mm	HEX
B3103372000	140-40	.157		ROUND
B2553372000	140-40	.189	SLOT	ROUND
41071G	146-40	.093	9/32	HEX
39557E	146-40	.125	3/8	HEX
51430F	146-40	.125	7/32	HEX
99300	146-40	.138	9/32	HEX
NU68	146-40	.156	5/16	SQUARE
39250J	146-40	.187	9/32	HEX
21185	146-40	.265	KNURL	ROUND
39557B	146-40	.312	9/32	HEX
907	155-40	.093	9/32	HEX
52834N	155-40	.250	9/32	HEX
20-35	156-40	.100	1/4	HEX
CS231	156-40	.128	5/16	HEX
NS6110350SP	172-40	.118	8mm	HEX
NS6110310SP	172-40	.118	6mm	HEX
NS6110420SP	172-40	.157	8mm	HEX
NS6110530SP	172-40	.177	9mm	HEX
14077	182-40	.078	3/8	HEX
12934A	182-40	.093	9/32	HEX
39571A	182-40	.095	---	PLATE
62253K	182-40	.125	KNURL	ROUND
9937	182-40	.125	3/8	HEX
C50035H	182-40	.156	5/16	SQUARE
39536E	182-40	.187	3/8	HEX
41355	182-40	.250	SLOT	ROUND
5144	182-40	.390	3/8	HEX

NUT DIMENSIONS

PART NUMBER	THREAD	THICK	WRENCH SIZE	SHAPE
G5144	182-40	.391	3/8	HEX
7947	183-32	.078	9/32	HEX
37R	183-32	.125	3/8	HEX
35569J	183-32	.156	9/32	HEX
39592AH	183-32	.187	7/16	HEX
37L	183-32 LH	.125	3/8	HEX
NS6120310SP	187-28	.126	7mm	HEX
NS6123881SE	187-28	.150	8mm	HEX
NS6620310SP	187-32	.126	9mm	HEX
1160L	187-32	.128	5/16	HEX
660-602	190-24	.125	3/8	HEX
651H	190-32	.125	3/8	HEX
15037A	214-32	.090	3/8	HEX
12982	214-32	.093	9/32	HEX
12538	214-32	.125	3/8	HEX
18	214-32	.156	3/8	HEX
52841H	214-32	.250	5/16	HEX
HA18A	214-32	.312	3/8	HEX
G43266	216-22	.142	3/8	HEX
43266	216-22	.250	3/8	HEX
43242P	217-32LH	.090	3/8	HEX
269	217-32LH	.156	3/8	HEX
51216P	217-32LH	.156	3/8	HEX
51216S	217-32LH	.343	5/16	HEX
1012L	218-32	.125	5/16	HEX
1029L	218-32	.140	SLOT	ROUND
1009L	218-32	.156	5/16	HEX
869L	218-32LH	.125	5/16	HEX
14077A	218-40	.078	3/8	HEX
20-31	218-40	.125	5/16	HEX
34	219-28	.156	3/8	HEX
61430AZ	224-32	.125	3/8	HEX
NS6150310SP	234-28	.118	9mm	HEX
NS6150430SP	234-28	.157	10mm	HEX
NS6150440SP	234-28	.157	14mm	HEX
NS6150540SP	234-28	.189	10mm	HEX
20-34	250-24	.125	5/16	HEX
NS6160520SP	250-24	.197	11mm	HEX
651B16	250-32	.125	7/16	HEX
20-142	250-32	.156	5/16	HEX
375	255-40	.125	3/8	HEX
55235E	255-40	.218	3/8	HEX
12987A	257-32	.078	3/8	HEX

NUT DIMENSIONS

PART NUMBER	THREAD	THICK	WRENCH SIZE	SHAPE
258A	257-32	.125	3/8	HEX
258	257-32	.171	3/8	HEX
61292C	257-32	.187	KNURL	ROUND
80691	257-32	.218	3/8	HEX
1280	257-32	.234	3/8	HEX
57846B	257-32	.375	3/8	HEX
51246	257-32	.375	3/8	HEX
NS6680320SP	281-28	.118	10mm	HEX
NS6680480SP	281-28	.157	10mm	HEX
NS6680410SP	281-28	.157	11mm	HEX
21104H	312-18	.218	19/32	HEX
28509B	312-18	.312	1/2	HEX
NS6700320SP	312-24	.118	11mm	HEX
21233FB	312-24	.203	9/16	HEX
LS299	312-24	.250	1/2	HEX
11638M	314-24	.125	1/2	HEX
95292	314-24	.157	13mm	HEX
11635B	314-24	.468	1/2	HEX
21233FC	368-24	.203	5/8	HEX
11635F	368-24	.218	11/16	HEX
80630C	368-24	.218	1/2	HEX
80630D	368-24	.218	1/2	HEX
51170D	375-16	.140	1/2	HEX
651B24	375-16	.218	9/16	HEX
11698L	375-16	.250	9/16	HEX
651D24	375-16	.328	5/8	SQUARE
814L	375-24	.187	1/2	HEX
47	414-16	.312	11/16	HEX
39557F	437-27	.094	5/8	HEX
651B32	500-13	.323	7/8	HEX
21818B	500-13	.500	7/8	HEX
C50093BE	500-24	.250	3/4	HEX
39153G	510-24	.156	3/4	HEX
12990	510-24	.281	3/4	HEX
51257H	597-32	.093	3/4	HEX
99008	625-11	.512	27mm	HEX
99327	625-18	.375	15/16	HEX
35733G	625-24	.187	7/8	HEX
57777G	671-36	.125	7/8	HEX
61477AH	804-24	.156	7/8	HEX
95264	M1.6	.051	3.2mm	HEX
95261AV	M2.5	.079	5mm	HEX
95262V	M2.5	.105	5mm	HEX

ROUND FELT WICKS

WICKS.WK4

19-Dec-96

PART No.	DIAMETER	LENGTH	S.A.E.#	COLOR	COMMENTS
666-124	.125	.156	F-1	W	
666-95	.125	.375	F-1	W	
666-276	.125	.375	F-1	RED	
666-137	.125	.906	F-1	W	
666-139	.125	1.000	F-1	W	
666-149	.125	1.500	F-1	W	
666-260	.125	1.875	F-1	W	
666-47	.125	2.250	F-1	W	
666-29	.125	3.000	F-1	W	
666-297	.125	3.500	F-1	W	
666-322	.156	.250	F-1	W	
666-115	.156	1.125	F-1	W	
666-120	.156	1.375	F-1	W	
666-118	.156	1.875	F-1	W	WITH SPRING
G666-118	.156	1.875	F-1	W	
666-99	.156	2.125	F-1	W	WITH SPRING
666-123	.156	3.437	F-1	W	
666-121	.156	4.500	F-1	W	
666-37	.157	.250	F10	W	
666-186	.187	.156	F-1	W	
666-165	.187	.375	F-1	W	
666-278	.187	.375	F-1	RED	
666-19	.187	.563	F-1	W	
666-296	.187	.625	F-1	W	
666-160	.187	.718	F-1	W	
666-163	.187	.750	F-1	W	
666-94	.187	1.312	F-1	W	POINTED - WITH SPRING
666-173	.187	1.563	F-1	W	
666-13	.187	1.875	F-1	W	WITH SPRING
666-279	.187	3.250	F-1	RED	
666-239	.187	3.250	F-1	W	
666-272	.187	3.625	F-1	W	
666-223	.187	5.750	F-1	W	
666-153	.187	6.500	F-1	W	
666-326	.187	7.250	F-1	W	
80630G	.187	7.281	F-5	W	
666-298	.187	10.000	F-1	W	
666-206	.218	.500	F-1	W	
666-263	.218	.813	F-1	W	
666-224	.218	.875	F-1	W	
666-103	.218	2.000	F-1	W	
666-109	.218	4.563	F-1	W	
666-101	.218	5.437	F-1	W	
666-82	.250	.468	F-1	W	FLATTENED
666-65	.250	1.000	F-1	W	
666-277	.250	1.218	F-1	RED	

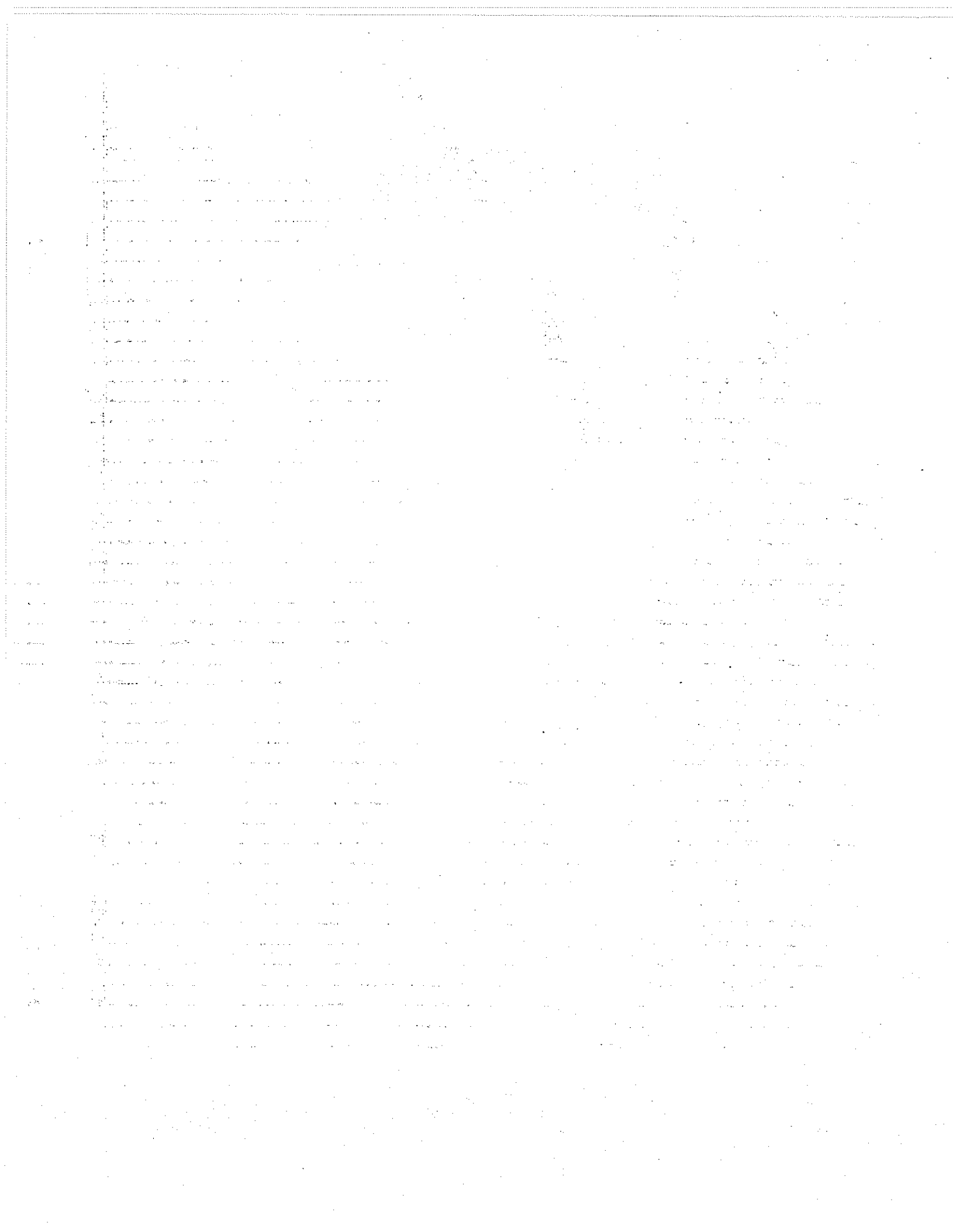
O-RINGS

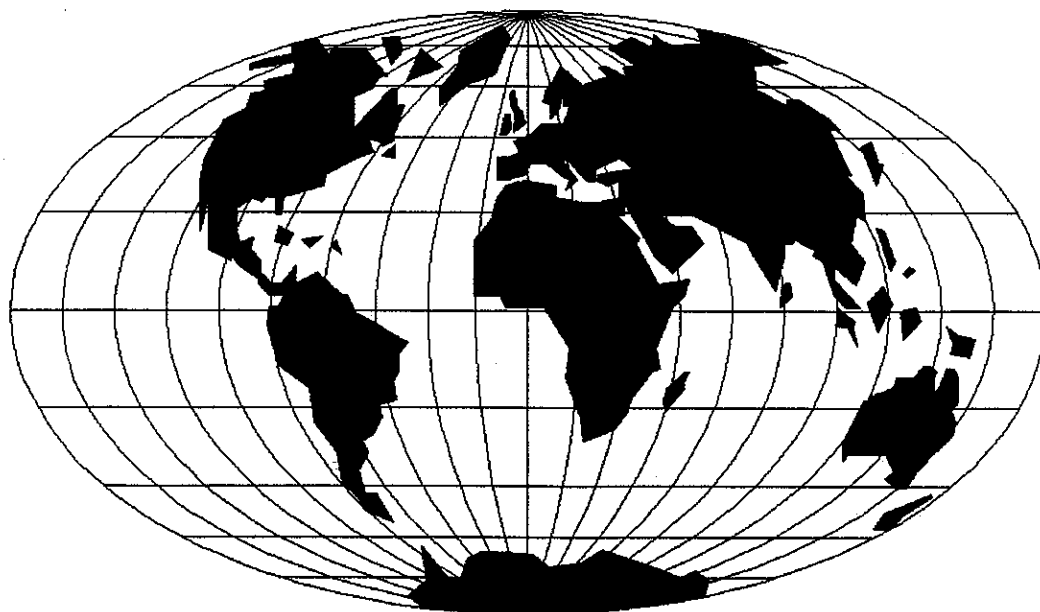
ORINGS.WK3

19-Dec-96	INSIDE DIAMETER	OUTSIDE DIAMETER	THICK	METRIC	MFG	CATALOG NUMBER	
	660-980	.120	.200	.040		PARKER	5-178
		.145	.285	.070	3.7x1.8	JUKI	RO037180100
	661-129	.157	.393	.118	4x3	APPLE	4mmX3mm
	660-221	.176	.312	.070		CRANE	2581-3
		.236	.354	.059	6x1.5	JUKI	RO060150100
	660-886	.237	.317	.040		APM-HEXSEAL	237E040
	660-220	.239	.375	.070		CRANE	2581-5
		.268	.417	.075	6.8x1.9	JUKI	RO068190100
	660-716	.296	.574	.139		PARKER	2-203
	660-549	.301	.351	.025		PARKER	5-152
	660-206	.301	.437	.070		CRANE	2581-6
		.307	.457	.075	7.8x1.9	JUKI	RO078190100
	660-207	.364	.504	.070		CRANE	2581-02
	660-204	.424	.625	.103		JOHN CRANE	2581-9
		.425	.614	.094	10.8x2.4	JUKI	RO108240100
	660-683	.426	.566	.070		PARKER	2-013
		.433	.504	.035	11x0.9	JUKI	RO110090100
	660-202	.487	.687	.103		NAT'L	568-112-B46
	660-212	.549	.750	.103		CRANE	2581-11
	661-149	.551	.691	.070		CRANE	MS28775-015
	660-338	.612	.813	.103		CRANE	1820-12
	660-625	.614	.754	.070		PARKER	2-016
	661-1	.669	.747	.039		APPLE	669X039
	660-243	.674	.875	.103		CRANE	2581-1820-13
	660-762	.676	.816	.070		PARKER	2-017
	660-677	.739	.879	.070		PARKER	2-018
		.768	.957	.094	19.5x2.4	JUKI	RO195240100
	660-304	.799	.900	.103		MINN. RUBBER	8117
		.858	1.047	.094	21.8x2.4	JUKI	RO218240100
	660-705	.926	1.066	.070		PARKER	2-021
	660-695	1.051	1.191	.070		PARKER	2-023
	660-337	1.062	1.312	.125		JOHN CRANE	1820-20
	660-969	1.114	1.254	.070		PARKER	2-024
	660-684	1.176	1.316	.070		PARKER	2-025
	660-886A	1.181	1.339	.079	30x2	ISO Std.	30x2
	660-259	1.234	1.500	.139		CRANE	0000-218-2581
	661-255	1.237	1.443	.103		MINN RUBBER	AS568A-124
	661-4	1.239	1.379	.070		PARKER	2-026
	660-443	1.239	1.379	.070		MINN. RUBBER	8026 366Y
		1.240	1.398	.079	31.5x2	JUKI	RO315200100
	660-708	1.355	1.587	.116		PARKER	3-918
	660-886C	1.362	1.568	.103		Nat'l	568-126
		1.366	1.642	.138	34.7x3.5	JUKI	RO347350100
	660-316	1.375	1.562	.094		MINN. RUBBER	8126
	660-979	1.437	1.577	.070		PARKER	5-670
	660-258	1.484	1.750	.139		CRANE	1820-27
	660-455	1.489	1.629	.070		MINN. RUBBER	8029 366Y
	661-51	1.609	1.887	.139		NAT'L	568-223
	660-886B	1.654	1.812	.079	42x2	ISOSTd.	42x2
	660-1087	1.864	2.004	.070			AS568A-032
		1.890	1.984	.047	48x1.2	JUKI	RO980120100

RETAINING RINGS

SYMBOL	SHAFT HSING	INT/ EXT	FREE I. D.	FREE O. D.	THICK	MFG	CAT#	19-Dec-96
								TYPE
RETRINGS.WK3								
96282	.089	EXT	.059	---	.016	---	DIN 6799	E-RING
660-909	.094	EXT	.069	---	.015	WALDES	5133-9	E-RING
660-1075	.094	EXT	.072	---	.015	WALDES	5144-9	E-RING
96283	.108	EXT	.075	---	.020	---	DIN 6799	E-RING
660-210	.125	EXT	.094	---	.015	WALDES	5133-12	E-RING
	.125	EXT	.098	---	.016	JUKI	RE0250000KO	E-RING
96281	.138	EXT	.091	---	.024	---	DIN 6799	E-RING
660-310	.156	EXT	.142	---	.010	WALDES	5100-15	BASIC
	.157	EXT	.102	---	.024	JUKI	RE0300000KO	E-RING
	.157	EXT	.125	---	.024	JUKI	RE0320000KO	E-RING
96280	.177	EXT	.126	---	.024	---	DIN 6799	E-RING
660-469	.188	EXT	.122	---	.015	WALDES	X5131-18	BOWED E-RING
660-416	.188	EXT	.145	---	.025	WALDES	5133-18	E-RING
660-228	.188	EXT	.168	---	.015	WALDES	5100-18	BASIC
96252	.197	EXT	.185	---	.024	---	DIN 471	BASIC
660-199	.197	EXT	.179	---	.015	WALDES	5100-19	BASIC
	.197	EXT	.157	---	.024	JUKI	RE0400000KO	E-RING
660-748	.219	EXT	.196	---	.015	WALDES	5100-21	BASIC
660-330	.219	EXT	.182	---	.025	WALDES	5144-21	E-RING
660-959	.219	EXT	.185	---	.015	WALDES	X5131-21	BOWED E-RING
	.236	EXT	.169	---	.024	JUKI	RE0500000KO	E-RING
96277	.236	EXT	.157	---	.028	---	DIN 6799	E-RING
660-466	.250	EXT	.207	---	.025	WALDES	5133-25	E-RING
660-245	.250	EXT	.225	---	.025	WALDES	5100-25	BASIC
660-215	.250	EXT	.214	---	.025	WALDES	5103-25	CRESCENT
660-506	.270	EXT	.276	---	.035	WALDES	G5555-27	GRIP RING
96275	.276	EXT	.197	---	.028	---	DIN 6799	E-RING
660-205	.281	EXT	.256	---	.025	WALDES	5100-28	BASIC
660-669	.312	EXT	.243	---	.045	WALDES	X5131-31	BOWED E-RING
660-208	.312	EXT	.281	---	.025	WALDES	5100-31	BASIC
660-550	.312	EXT	.270	---	.025	WALDES	5103-31	CRESCENT
660-454	.312	EXT	.243	---	.025	WALDES	X5133-31	E-RING
96278	.315	EXT	.236	---	.028	---	DIN 6799	E-RING
96261	.315	EXT	.291	---	.032	---	DIN 471	BASIC
96256	.354	EXT	.331	---	.039	---	DIN 471	BASIC
96276	.374	EXT	.276	---	.035	---	DIN 6799	E-RING
660-989	.375	EXT	.354	---	.042	WALDES	5555-37	GRIP RING
660-467	.375	EXT	.300	---	.035	WALDES	5133-37	E-RING
660-318	.375	EXT	.338	---	.025	WALDES	5100-37	BASIC
660-918	.394	EXT	.354	---	.025	WALDES	5101-39	BOWED
	.394	EXT	.307	---	.031	JUKI	RE0900000KP	E-RING
660-891C	.406	EXT	.366	---	.025	WALDES	5100-40	BASIC
96258	.433	EXT	.402	---	.039	---	DIN 471	BASIC
660-438	.438	EXT	.395	---	.035	WALDES	5133-43-35	SPECIAL
96253	.472	EXT	.433	---	.039	---	DIN 471	BASIC
661-256	.500	EXT	.460	---	.050	WALDES	5160-50	HEAVY DUTY
660-442	.500	EXT	.392	---	.042	WALDES	5133-50	E-RING
660-334	.500	EXT	.461	---	.035	WALDES	5100-50	BASIC





WORLDWIDE SALES AND SERVICE

Union Special Corporation maintains sales and service facilities throughout the world. These offices will aid you in the selection of the right sewing equipment for your particular operation. Union Special Corporation representatives and service technicians are factory trained and are able to serve your needs promptly and efficiently. Whatever your location, there is a qualified representative to serve you.

Brussels, Belgium
Charlotte, N.C.
El Paso, TX
Hong Kong, China
Huntley, IL
Leicester, England
Lille, France
Miami, FL
Milan, Italy
Möglingen, Germany
Montreal, Quebec
Osaka, Japan
Santa Fe Springs, CA

Other Representatives throughout
all parts of the world.



Union Special
INDUSTRIAL SEWING EQUIPMENT