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MIL-HDBK-57H(IS)

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SUPERSEDING

MIL-HDBK-57G(IS)

16 OCTOBER 2012

# **DEPARTMENT OF DEFENSE HANDBOOK**

## **LISTING OF FASTENER MANUFACTURER'S IDENTIFICATION SYMBOLS**



This handbook is for guidance only. Do not cite this document as a requirement.

AMSC N/A

FSC 53GP

## FOREWORD

1. This handbook is approved for use by the Industrial Hardware, Defense Logistics Agency, and is available for use by all Departments and Agencies of the Department of Defense (DoD).
2. This issue contains the names, addresses, and the symbols of all fastener manufacturers whose identifying symbols were received by 13 July, 2017.
3. This handbook was prepared by and is regularly updated through the cooperative efforts of Government and industry.
4. Copies of these documents are available online at <https://assist.dla.mil/>.
5. At the back of this handbook is a registration form. Manufacturers wishing to be listed must complete this form and return it to DLA Troop Support. Submit the completed form, along with your fastener identification symbol artwork used on the fastener. All submittals must be in the English language.
6. All requests to be listed in the handbook should be addressed to:

Defense Logistics Agency (DLA) Troop Support  
Attention: DLA Troop Support – Industrial Hardware  
700 Robbins Avenue.  
Philadelphia, PA 19111-5096  
or e-mail to [trpsptlogos@dlamail.mil](mailto:trpsptlogos@dlamail.mil).

7. Please see <http://www.dla.mil/TroopSupport/IndustrialHardware/Engineering-and-Technical-services/logoreg/> for more information regarding headmarking registration.
8. DLA Troop Support does not “approve”, “rate”, or “endorse” any item, construction, proprietary device, or activity.
9. DLA Troop Support is not responsible for the accuracy or completeness of the information contained in this publication.
10. DLA Troop Support does not take any position with respect to the validity of any patent rights asserted in connection with any items mentioned in this document, and does not undertake to insure anyone utilizing a code, standard, or guide against liability for infringement of any applicable Letters Patent, nor assume any such liability. Users of code, standard, or guide are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, is entirely their own responsibility.
11. DLA Troop Support reserves the right to monitor this document to ensure that it contains the listing of only bona-fide fastener manufacturers.
12. DLA Troop Support has solicited the assistance of the Defense Contract Management Agency (DCMA) and the Defense Management Command International (DCMCI) in an effort to identify non-manufacturers and remove them from the manufacturers’ listing. DCMA/DCMC’s evaluation of a company’s status is based on an in house capability to manufacture fasteners (screws, bolts, studs and nuts), with respect to space, equipment, and trained personnel. On an on-going basis, any company identified by DCAS/DCMCI as a non-manufacturer will be removed from the manufacturers’ database and this handbook.
13. Comments, suggestions, or questions on this document should be addressed to DLA Troop Support, ATTN: DLA Troop Support - Industrial Hardware, 700 Robbins Avenue, Philadelphia, PA 19111-5096 or e-mail to [trpsptlogos@dlamail.mil](mailto:trpsptlogos@dlamail.mil). Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil/>.

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1. SCOPE

1.1. Scope. This handbook provides a listing of identifying head markings of companies that have submitted their information. This handbook contains the names, addresses, and the symbols of all relevant fastener manufacturers. This handbook is for guidance only and cannot be cited as a requirement.

2. APPLICABLE DOCUMENTS This Section is not applicable to the handbook

3. ACRONYMS AND DEFINITIONS

3.1. Acronyms.

3.1.1. FSC. Federal Supply Class.

3.1.2. DLA. Defense Logistics Agency.

3.1.3. NSN. National Stock Number.

3.1.4. CAGE. Commercial and Government Entity.

3.2. Definitions.

3.2.1. Fasteners. Defined, for the purpose of this handbook, as those threaded items included in FSC 5305 – Screws, 5306 – Bolts, 5307 – Studs, and 5310 – Nuts.

3.2.2. Manufacturer. Defined, for the purpose of this handbook, as the source which substantially makes the supplies, either by hand or machinery out of raw materials.

3.2.3. Head Marking. A logo that is physically applied on a fastener, which is used to provide traceability to the manufacturer who made the fastener.

4. GENERAL GUIDANCE

4.1. Format of Manufacturers Listing. Listing of a manufacturer may include the following information:

- |                           |                              |
|---------------------------|------------------------------|
| a. Company Name.          | b. Address.                  |
| c. Identification Symbol. | d. CAGE code (if applicable) |

See FIGURE 1 for sample listing entry.

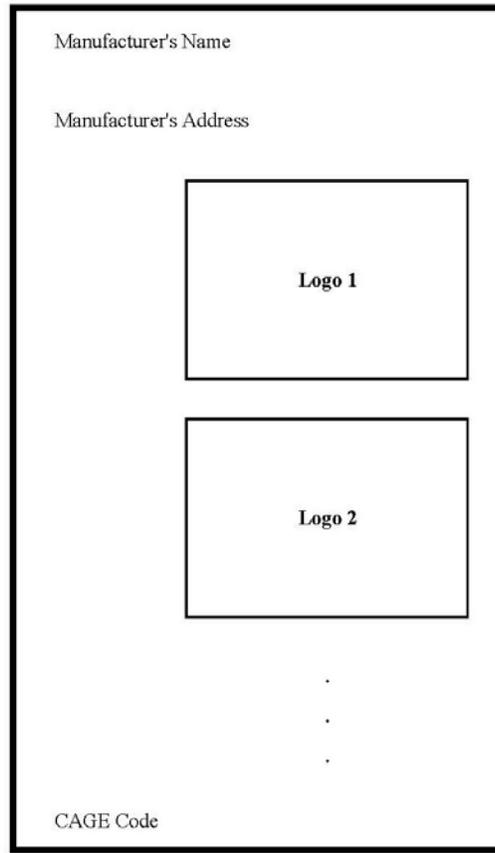


FIGURE 1. Sample listing entry

5. DETAILED GUIDANCE

5.1. Manufacturers Listing. Can be found in Appendix A.

5.1.1. See Index A for navigation of Appendix A sorted by manufacturer's name.

5.1.2. See Index B for navigation of Appendix A sorted by identification symbol.

6. NOTES

6.1. Intended use. This handbook provides guidance in the identification of head marking of fasteners to provide traceability of parts.

6.2. Key word listing.

Nut  
Bolt  
Screw  
Marking

6.3. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of changes.

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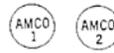
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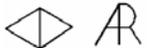
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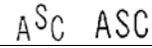
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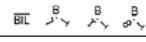
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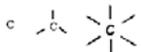
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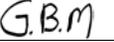
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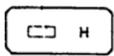
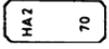
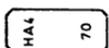
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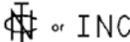
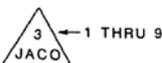
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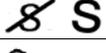
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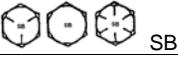
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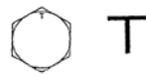
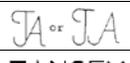
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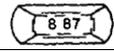
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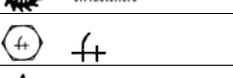
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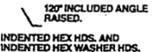
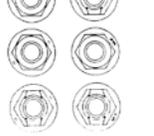
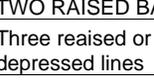
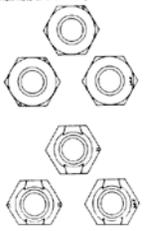
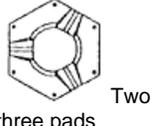
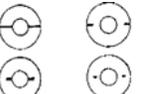
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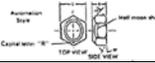
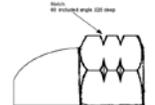
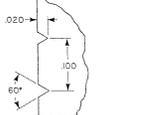
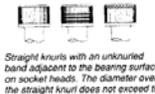
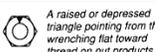
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• (a dot)	MONADNOCK COMPANY, THE, LISI AEROSPACE TRW ELECTRONIC COMPONENTS	153
• (a dot) - (radial line)	DECKER MANUFACTURING CORP	64
•• (2 dots)	BELL FASTENERS	35
•• (2 dots)	BRISTOL INDUSTRIES	41
	CUTTING EDGE ENTERPRISE, LLC	61
•• (2 dots)	NORTH EAST FASTENERS	161
•• (2 dots)	STILLWATER FASTENERS, INC.	210
	CSM FASTENER PRODUCTS	60

SYMBOL	COMPANY NAME	PAGE
	EMP MANUFACTURING CO.	75
	ERICO FASTENING SYSTEMS	77
	WOLVERINE NUT CO.	236
3 dots, centered on corner, equally spaced	CAMCAR DIVISION OF TEXTRON INC.	47
4 dots inline or radial	CAMCAR LLC	50
	CAMCAR SCREW AND MFG CO	50
//	BRISTOL LOCKNUT CO.	41
	CAMCAR DIVISION OF TEXTRON INC.	47
	METALCRAFTERS	147
= 2 parallel lines	CAMCAR DIVISION OF TEXTRON INC.	47
= 2 parallel lines	CAMCAR SCREW AND MFG CO	50
	MICRODOT INC. KAYNAR PRODUCTS ALCOA FASTENING SYSTEMS & RINGS ARCONIC FASTENING SYSTEMS & RINGS	148, 121, 14, 21
Three parallel lines separate insert products only	AMERIFAST CORP.	19
	GREER STOP NUT	79, 95
Manufacturer identification: 2 raised ribs in (2) crimp depressions 1 raised rib in (1) crimp depression	"Dimple" trademark	PENN ENGINEERING & MANUFACTURING CO.
		170
Notches or Stakes cut into corners of nut	EVERLOCK FASTENING SYSTEMS	79
2, 3, or 6 dots on corner of nut	FEDERAL SCREW WORKS	85
4 or 6 dots on flange of flange nuts	INDUSTRIAL & AUTOMOTIVE FASTENERS	111
Company I.D.: 2 single & 1 double slash	Dots, slashes, and dots with slashes 2 - 8	R B & W CORPORATION
		181, 185
Dots, slashes, and dots with slashes 2 - 8	STELCO FASTENER & FORGING CO.	207
	INDUSTRIAL FASTENERS CORP.	111
Raised or indented marks		
Under head	Top of head	Slotted hexhead (top of head)

MIL-HDBK-57H (IS)  
INDEX B

SYMBOL	COMPANY NAME	PAGE
 4 - 7 DOTS	LAMSON AND SESSIONS OF CANADA LTD.	127
 3, 4 or 6 equally spaced stakes	INDUSTRIAL NUT CORP.	111
 120° INCLUDED ANGLE RAISED. INDENTED HEX HDS. AND INDENTED HEX WASHER HDS.	LEWIS SREW COMPANY	131
 5 DASH MARKS 120° APART RAISED. UNDER HEAD UPON REQUEST "NON-COUNTERSINK HEADS ONLY"	LEWIS SREW COMPANY	131
 Flange nuts are lock and with Uni-Torque® lock Two raised bars	MACLEAN-FOGG CO.	140
 TWO RAISED BARS	THIANT (BOULONNERIE DE SA)	215
 Three raised or depressed lines	MACLEAN-FOGG CO.	140
 Hex nuts and Uni-Torque® locknuts	MACLEAN-FOGG CO.	140
 Interference Layer with 2 bars	PACIFIC FASTENERS, INC.	167
 LOCKING COLLAR	TEXTRON FASTENING SYSTEMS	214
 Two lines in three pads	VMC INDUSTRIES, INC.	228
	ELCO INDUSTRIES, INC.	73

SYMBOL	COMPANY NAME	PAGE
	GRIPCO, DIVISION OF BLACK & DECKER	95
		
 Chamfered back Half moon shape	RAMCO SPECIALTIES, INC.	184
 RIPPA PRODUCTS	RIPPA PRODUCTS	188
 2 notches for slotted heads only	SOUTHERN FASTENING SYSTEMS	201
 60°	WOLVERINE MACHINE PRODUCTS CO.	236
 Straight knurls with an unknurled band adjacent to the bearing surface on socket heads. The diameter over the straight knurl does not exceed the band. There may be 2 or 3 grooves.	SPS TECHNOLOGIES	204
 A raised or depressed triangle pointing from the wrenching flat toward thread on nut products.	SPS TECHNOLOGIES	204
Blue nylon insert	INDUSTRIAL NUT CORP.	111
Blue nylon locking element	NYLOK CORP.	162
Blue - nylon® hexagon locking element	PENN ENGINEERING & MANUFACTURING CO.	170
 Square insert in floating fasteners	PENN ENGINEERING & MANUFACTURING CO.	170
Green nylon insert	GREER STOP NUT	79, 95
Green nylon insert	EVERLOCK FASTENING SYSTEMS	79
Orange nylon insert	AZTECH LOCKNUT CO.	30
Red nylon insert	ELASTIC STOP NUT & ESNA	73, 78, 140
Tan nylon insert	VMC INDUSTRIES, INC.	228
Yellow nylon insert	ABBOTT INTERFAST CORP.	3

**3 V FASTENER COMPANY, INC.**

320 REED CIRCLE  
CORONA, CA 92879-1349



CAGE code: 1ER65

**3D MACHINE COMPANY, INC.**

4790 E WESLEY DRIVE  
ANAHEIM, CA 92807-1941



CAGE code: 1K6P6

**A & E MACHINED PRODUCTS**

93 PECK HILL ROAD  
JOHNSTON, RI 02919



CAGE code: 3MAH6

**A & G ENGINEERING CO., INC**

4640 EAST LA PALMA AVENUE  
ANAHEIM, CA 92807



CAGE code: 4N135

**A & M AEROSPACE, INC.**

2332 SOUTH DELAWARE STREET  
DENVER, CO 80223-4321



CAGE code: 6Z800

**A & N PRECISION INDUSTRIES**

65 1<sup>ST</sup> STREET  
NEW ROCHVILLE, NY 10801-6118



CAGE code: 9Y423

**A & R MFG COMPANY, INC.**

1281 JOHN FITCH BLVD.  
SOUTH WINDSOR, CT 06074



CAGE code: 3X841

**A & S PIN PRODUCTS**

42 LAGRANGE ST.  
WORCESTER, MA 01610



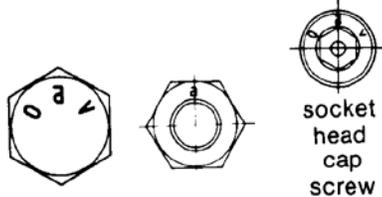
CAGE code: 39YG0

**A & W SCREW MACHINE PRODUCTS, INC.**  
(LONG-LOK FASTENERS CORPORATION)  
20531 S. BELSHAW AVENUE  
CARSON, CA 90746-3505



CAGE code: 63035

**A. AGRATI S.P.A.**  
VIA PAIVE 28-30  
20837 VEDUGGIO CON COLZANO, ITALY



CAGE code: A0698

**A.M.I ENGINEERING**  
2697 S. HALLADAY STREET  
SANTA ANA, CA 92705-5617

**AMI LOGO**

CAGE code: 4WDB5

**A. P. MILLS INDUSTRIES FOR THE BLIND**  
346 ST. PAUL STREET  
P.O. BOX 2175  
MEMPHIS, TN 38101 – 2175



CAGE code: 6Y776

**A-1 NUT AND BOLT CO, INC**  
341 PASEO SONRISA  
WALNUT, CA 91789



CAGE code: 1M493

**A-1 THREAD ROLLING CO.**  
7022 ALONDRA BOULEVARD  
PARAMOUNT, CA 90723



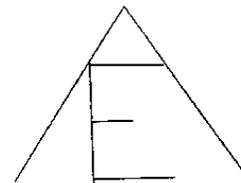
CAGE code: 3N586

**AAP ACQUISITION CORP.**  
2100 ENTERPRISE PKWAY  
TWINSBURG, OH 44087-2212



CAGE code: 0H380

**AASTRO ENGINEERING**  
1382 CORONADO AVE  
LONG BEACH, CA 90804



CAGE code: 01AL8

**ABBOTT INTERFAST CORP.**

190 ABBOTT DRIVE  
WHEELING, IL 60090

Yellow nylon insert identifies Abbott-Interfast Corp.  
as manufacturer



CAGE code: 08928

**ABBOTT, PETER AEROSPACE LTD.**

6 REPTON CLOSE  
BURNT MILLS, BASILDON,  
ESSEX SS13 ILE  
UNITED KINGDOM

**PAM PAM PAM**

CAGE code: 0WL73

**ABC TOOL AND DIE ENGINEERING & MANUFACTURING LLC**

197 WALLIS STREET  
UNIT C  
EUGENE, OR 97402-5301

No artwork for marking.  
Marks whatever the  
customer specifies.

CAGE code: 0XJF0

**ABRASIVE CUTTING CORP**

633 COMMERCE ST.  
THORNWOOD, NY 10594



CAGE code: 5DQB3

**ABSCOA INDUSTRIES**

1071 WEST ARBOR VITAE ST.  
INGLEWOOD, CA 90301

**AB**

CAGE code:

**ACCUFORM, INC.**

P.O. BOX 307  
BUS. HWY. 36 WEST  
MACON, MO 63552

**AF AF**

CAGE code:

**ACCURA INDUSTRIES, INC.**

435 TRABOLD ROAD  
ROCHESTER, NY 14624



CAGE code: 6RX70

**ACCURATE AUTOMATIC PARTS CO.**

2885 S. 163RD ST.  
NEW BERLIN, WI 53151

**AP**

CAGE code: 5S202

**ACCURATE PRECISION FASTENERS, INC.**

P.O. BOX 5239  
ENGLEWOOD, NJ 07631

Plant  
20 HONECK ST.  
ENGLEWOOD, NJ 07631

**A**

CAGE code: 28977

**ACCURATE SCREW MACHINE CO.**

P.O. 10095  
10 AUDREY PL  
FAIRFIELD, NJ 07004-3402

(Plant)  
19 Baltimore St.  
Nutley, NJ 07110

**AMSCO**

5/16 LONG X 1/16 HIGH X .010 DEEP

CAGE code: 51506

**ACCURATE THREADED FASTENERS, INC.**

DIVISION OF BEATRICE FOODS CO.  
3550 WEST PRATT AVE.  
LINCOLNWOOD, IL 60645

see ATF, INC.



CAGE code: 95110

**ACCURATE THREADED PRODUCTS CO.**

280 HARTFORD AVENUE  
NEWINGTON, CT 06111

**1A249**

CAGE code: 1A249

**ACCURATE TOOL CO., INC.**

891 FERNHILL RD  
WEST CHESTER, PA 19380 - 4282

**A+**

CAGE code: 7N957

**ACCU-TECH MANUFACTURING AND  
SUPPORT, INC.**

8875 EAST AVENUE  
MENTOR, OH 44060



CAGE code: 1LLG8

**ACCUTOOL**

5301 IROQUOIS AVENUE  
ERIE, PA 16511-2529

**01FO**

CAGE code: 1UXM0

**ACCUTURN CORPORATION**

6510 BOX SPRINGS BLVD., UNIT A  
RIVERSIDE, CA 92507



CAGE code: 1XYA5

**ACHILLES AEROSPACE PRODUCTS, INC.**

2100 ENTERPRISE PKWY  
TWINSBURG, OH 44087-2212



CAGE code: 0H380

**ACE GRINDING & MFG. OF TEXAS**

2610 AERO DRIVE  
GRAND PRAIRIE, TX 75052 - 7636



*Plant (plant closed)*  
*ACE GRINDING CO INC.*  
*4937 EAST SLAUSON AVENUE*  
*MAYWOOD, CA 90270*  
*CAGE code: 2N509*



Plant (see SHAW PRECISION  
GRINDING & THREADING)  
SHAW PRECISION GRINDING  
6503 W. FRYE RD.  
CHANDLER, AZ 85226



CAGE code: 5U074

**ACI**

301 W. WILSON  
P.O. BOX 398  
OTTAWA, KS 66067



CAGE code: 0AV61

**ACIMET MFG.**

1710 CLARKSTONE RD.  
CLEVELAND, OH 44112



CAGE code: 6V869

**ACE PRECISION INDUSTRIES, INC.**

925 MOE DRIVE  
AKRON, OH 44310-2518



CAGE code: 3DTZ2

**ACME INDUSTRIAL COMPANY**

441 MAPLE AVE  
CARPENTERSVILLE, IL 60110



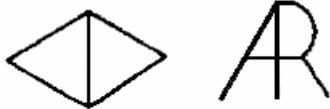
CAGE code: 00175

**ACME MACHINE PRODUCTS**  
500 SOUTH VARNEY STREET  
BURBANK, CA 91502



CAGE code: 4M256

**ACME RIVET & MACHINE CORP.**  
50 EMMETT ST.  
BRISTOL, CT 06010



CAGE code: 34482

**ACME SCREW COMPANY**  
1201 W. UNION AVE  
WHEATON, IL 60187-4879

 *Carbon steel*

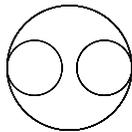
 *430 stainless steel*

 *410 stainless steel*

 *305 stainless steel*

CAGE code: 35EX5

**ACRODYNE MFG CO.**  
41 KINGSTON AVE  
COLUMBUS, OH 43207-2438



**Ac**

CAGE code: 9Y179

**ACUFAST AIRCRAFT PRODUCTS**  
12445 GLADSTONE AVE.  
SYLMAR, CA 91342

**AF**

CAGE code: 4GP55

**ADAMS INDUSTRIES, INC.**  
(A SUB OF BANNER INDUSTRIES INC.)  
1160 SOUTH ST  
WINDSOR LOCKS, CT 06096

**ABE**

CAGE code: 33823

**ADAMS, EARL M. CO.**  
100 PECK HILL RD.  
JOHNSTON, RI 02919



CAGE code: 07123

**ADC COMMUNICATIONS CORP.**  
17528 STUDEBAKER RD.  
CERRITOS, CA 90703-2637

**adc** 

CAGE code: 9X383

**ADI MANUFACTURING, INC.**

33 HAMMOND, BLDG 201  
IRVINE, CA 92718

Plant  
1243 TRANSIT STREET  
POMONA, CA 91766

**MC K**

CAGE code: 0YCU4

**ADJUSTABLE BUSHING CORP.**

8330 LANKERSHIM BLVD.  
NORTH HOLLYWOOD, CA 91605



Panel fastener



Quick-acting pins

CAGE code: 3V407

**ADOM ENGINEERING**

131 AVCO ROAD  
HAVERHILL, MA 01835-5956

**AD**

(used formerly)

**adm**

CAGE code: 02GZ1

**ADVANCE PATTERN CORP.**

18564 FITZPATRICK  
DETROIT, MI 48228

**MFR 29839**

CAGE code: 29839

**ADVANCED CNC MANUFACTURING**

2313 DESTINY WAY  
ODESSA, FL 33556

**A**

CAGE code: 1YDC9

**ADVANCED MACHINING & FABRICATING, INC.**

11212 E. 112TH ST. N.  
OWASSO, OK 74055-4227

**a**

CAGE code: 0BD96

**ADVANCED MACHINING & TOOLING, INC.**

13535 DANIELSON ST.  
POWAY, CA 92064

**AMT**

CAGE code: 1N6C7

**ADVANCED MACHINING TECHNOLOGIES**

PO BOX 3351  
WARMINISTER, PA 18974

Plant  
220 JACKSONVILLE RD.  
HATBORO, PA 19040

**OF0Y2**

CAGE code: OF0Y2

**ADVANCED PLASTICS, INC.**

11212 E. 112<sup>th</sup> ST. N.  
OWASSA, OK 74055-4227



CAGE code: 45339

**AERCO RESEARCH**

527 QUEENS LN  
SAN JOSE, CA 95112



CAGE code: 0KMN9

**AERO & AUTO STUD SPEC.**

P.O. BOX 140  
NEW HUDSON, MI 48165  
Plant  
56000 GRAND RIVER  
NEW HUDSON, MI 48165

Studs  $\bar{A}$

Bolts  $\bar{A}$  or  $\bar{A}$  &  $\bar{A}$

CAGE code: 5DN08

**AERO BUSHING AND COMPONENT**

15201 PIPELINE LN.  
HUNTINGTON BEACH, CA 92649



CAGE code:

**AERO COMPONENTS CO.**

5124 KALTENBRUN RD.  
FORT WORTH, TX 76119 - 6400



CAGE code: 59213

**AERO DYNAMIC MACHINING, INC.**

11791 MONARCH STREET  
GARDEN GROVE, CA 92841-1818



CAGE code: 1KSM2

**AERO ENGINEERING AND  
MANUFACTURING CO. OF CALIFORNIA**

28217 AVENUE CROCKER  
VALENCIA, CA 91355-1249



CAGE code: 17772

**AERO MECHANICAL FASTENING  
SYSTEMS**

15481 WEST 110TH AVE  
SHAWNEE MISSION, KS 66219



CAGE code: 1FY45

**AEROBOLT MANUFACTURING, INC.**

4736 FELSPAR STREET  
RIVERSIDE, CA 92509-3068

**ABM**

CAGE code: 08PH2

**AERO-FAB, INC.**

8420 RED OAK STREET  
RANCHO CUCAMONGA, CA 91730



CAGE code: 0CAC0

**AEROFAST SUPPLY**

405 W 20TH ST  
SAN PEDRO, CA 90731



CAGE code: 2T830

**AEROMAX INDUSTRIES, INC.**

9027 CANOGA AVE, UNIT H & I  
CANOGA PARK, CA 91304 - 1541

**AX**

CAGE code: 40581

**AEROMED PRECISION, LLC**

4065 S 300 W  
SALT LAKE CITY, UT 84107



The uppercase letters "A" and "M" that are slightly overlapping with the "A" in front.

CAGE code: 6WBT1

**AEROSPACE MACHINE PRODUCTS**

P.O. BOX 3046  
CUMMING, GA 30028

Plant  
61 PEARL INDSTRUAL AVE  
HOSCHTON, GA 30548

**A AMP**

CAGE CODE: 6KBV2

**AEROSPACE MANUFACTURING**

P.O. BOX 3398  
WALLINGTON, NJ 07057-1148

Plant  
80 VAN WINKLE AVE.  
WALLINGTON, NJ 07057-1148

**AM**

CAGE code: 0E0Z8

**AEROSPACE PRODUCTS CO.**

DIV WBH  
P.O. BOX 796  
INDIANAPOLIS, IN 46206-0796

Plant  
123 NORTH PINE STREET  
INDIANAPOLIS, IN 46202 - 3844

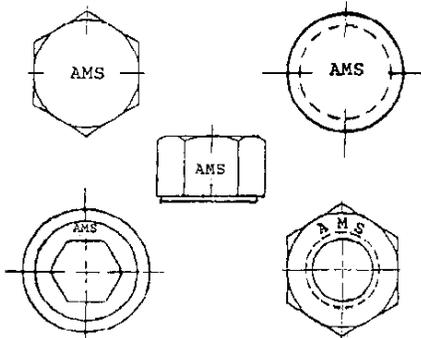
**AP**

CAGE code: 59736

**AEROSPACE MARINE SPECIALTY  
FASTENERS & FITTINGS INC.**

1645 WEST 135TH STREET  
GARDENA, CA 90249-2505

**AMS**      **A M S**



CAGE code: 1FGH9

**AEROSPACE PRODUCTS, INC.**

5435 PERKINS RD.  
BEDFORD HEIGHTS, OH 44146

**A**

CAGE code:

**AEROSPACE RIVET MFG CORP**

8535 DICE ROAD  
SANTA FE SPRINGS, CA 90670



CAGE code: 64728

**AEROSPACE PRODUCTS**

(DIV OF APCOA FASTENERS, INC)  
903 E. OHIO STREET  
P. O. BOX 796  
INDIANAPOLIS, IN 46202

**APCO**

CAGE code: 17140

**AEROSTAR ENGINEERING &  
MANUFACTURING COMPANY**  
25514 S. FRAMPTON AVENUE  
HARBOR CITY, CA 90710-2907



No longer a fastener manufacturer

CAGE code: 0MXJ2

**AEROSTAR FASTENER CORP.**  
712 W LACY ST  
P.O. BOX 2201  
PALESTINE, TX 75802



CAGE code: 0T218

**AEROTECH FASTENERS, INC.**  
ONE RIDGE ROAD  
PUTNAM, CT 06260



CAGE code: 0TD46

**AEROWIND CORPORATION**  
1959 JOHN TOWERS AVENUE  
EL CAJON, CA 92020-1117



CAGE code: 1N021

**AF FASTENERS LIMITED**  
UNIT 14 & 15  
GLOSSOP BROOK BUSINESS PARK,  
GLOSSOP, DERBYSHIRE SK13 7AJ,  
UNITED KINGDOM



CAGE code:

**AFAB PRECISION MACHINING**  
20742 LINEAR LANE  
LAKE FOREST, CA 92630



CAGE code: 1GSW1

**AFI INDUSTRIES, INC.**

475 E. KEHOE BLVD  
CAROL STREAM, IL 60188



CAGE code: 33PQ1

**AIHARA SEIBYO CO LTD**

2084 SHIN-MACHI  
TANO-GUN, GUNMA, JAPAN 370-13

**ICHO**

CAGE code:

**AIR INDUSTRIES CORPORATION**

12570 KNOTT STREET  
GARDEN GROVE, CA 92841-3932



CAGE code: 06725

**AIR LAND TURBINE SERVICES, INC**

7425 AIRPORT FREEWAY  
FORT WORTH, TX 76118



CAGE code: 1K1L5

**AIR PARTS MFG. CO.**

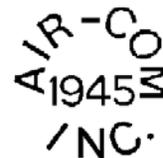
1117 HARRISON AVE  
ARLINGTON, TX 76011



CAGE code: 8R401

**AIR-COM, INC.**

18105 S. HOBART BLVD.  
GARDENA, CA 90248-3617



CAGE code: 2Y870

**AIRCRAFT ENGINEERING PRODUCTS, INC.**

2 ACKERMAN AVENUE  
CLIFTON, NJ 07011

AEP AEP

CAGE code:

**AIRCRAFT FUELSEAL FASTENERS, INC.**

5271 ARGOSY AVENUE  
HUNTINGTON BEACH, CA 92649



CAGE code: 4K209

**AIRDROME PARTS CO.**

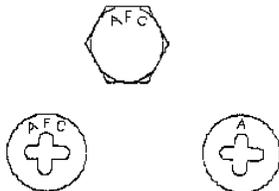
3251 SCHNIEDER ROAD S.E.  
P.O. BOX 1867  
NORTH CANTON, OH 44720



CAGE code:

**AIRFASCO, INC.**

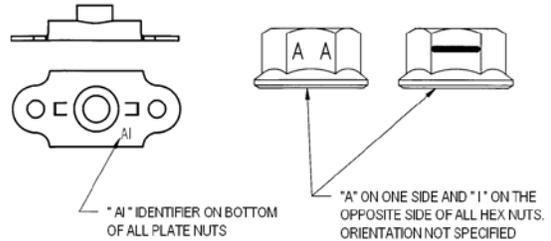
2655 HARRISON AVE SW.  
CANTON, OH 44706-3047



CAGE code: 3Z958

**AIRFASCO INDUSTRIES FASTENER GROUP**

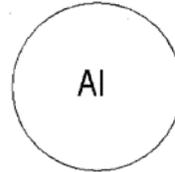
2655 HARRISON AVE.  
CANTON, OHIO 44706



CAGE code: 5NYP9

**AIRFRAME INTERNATIONAL, INC.**

3150 AIRMANS DRIVE  
FORT PIERCE, FL 34946 - 9131



CAGE code: 3ZKC5

**AIW-ALTON INC.**

1475 PALISADO AVE.  
WINDSOR, CT 06095-5140



CAGE code: 84027

**AJ ASSOCIATES MANUFACTURING &  
ENGINEERING COMPANY, INC.**

11346 53<sup>rd</sup> STREET NORTH  
CLEARWATER, FL 33760 - 4821



CAGE CODE: 3Z260

**AKKO FASTENER, INC.**

6855 CORNELL RD.  
CINCINNATI, OHIO 45242 - 3022



CAGE code: 3M2H6

**ALAN, JEFFREY, MFG. & ENGR.**

8625 LAPEER ROAD  
P.O. BOX # 8  
GOODELLS, MI 48027-9766

**3D531**

CAGE code: 3D531

**ALARD MACHINE PRODUCTS**

1629 WEST 132ND STREET  
GARDENA, CA 90249-2005



CAGE code: 1FMQ2

**ALBAR MACHINE CORPORATION**

126 TALBOT DRIVE  
EFFORT, PA 18330-9450

**AMC**

CAGE code: 44248

**ALCO MACHINE CO.**

27 SEARING AVENUE  
HARRISON, NJ 07029



CAGE code: 2T918

**ALCOA FASTENING SYSTEMS & RINGS**

3000 WEST LOMITA BLVD.  
TORRANCE, CA 90505

NAME CHANGED TO:  
ARCONIC FASTENING SYSTEMS & RINGS

see ARCONIC FASTENING SYSTEMS &  
RINGS

CAGE code: 92215

**ALCOA GLOBAL FASTENERS INC**

110 N UNRUH AVE  
CITY OF INDUSTRY ,CA 91744

COMPANY CHANGED/MOVED

see ARCONIC FASTENING SYSTEMS &  
RINGS



CAGE code: 06950

**ALEXANDER MANUFACTURING  
COMPANY INC**

see METRO TOOL & MANUFACTURING  
CO.

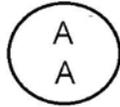
2402 ARKANSAS LANE  
GRAND PRAIRIE, TX 75052-7203



CAGE code: 2M919

**ALL AUTOMATICS**

8222 SORENSEN AVENUE  
SANTA FE SPRINGS, CA 90670



CAGE code: 0SSY5

**ALL MANUFACTURERS INC.**

ALLIED HARBOR AEROSPACE  
FASTENERS  
2900 PALISADES DR  
CORONA, CA 92880 – 9429

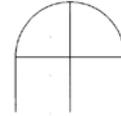


CAGE code: 57472

**ALL PINS MANUFACTURING**

P.O. BOX 137  
WILSEYVILLE, CA 95257

plant  
5549 POOR MANS WAY  
WILSEYVILLE, CA 95257



CAGE code: O8CZ5

**ALLFAST FASTENING SYSTEMS, INC.**

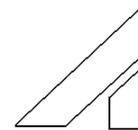
15200 E DON JULLIAN RD  
CITY OF INDUSTRY, CA 91745-1001



CAGE code: 53551

**ALLIED NUT & BOLT CO., INC.**

520 HERTZOG BOULEVARD  
P.O. BOX 670  
KING OF PRUSSIA, PA 19406-2667



CAGE code: 4S191

**ALLIED PRECISION PRODUCTS, INC.**

600 SAN CHRISTOPHER DRIVE  
DUNEDIN, FL 34698-5095



CAGE code: 24249

**ALL-POWER MFG. CO.**  
13141 MOLETTE STREET  
SANTA FE SPRINGS, CA 90670-5500

**AP**

CAGE code: 70265

**ALL-PRO FASTENER & RIVET MFG. CO.**  
10406 ENTERPRISE ST  
P.O. BOX 1525  
RANCHO CUCAMONGA, CA 91730

AP

CAGE code: 1FH10

**ALL-STATES INC.**  
602 N 12<sup>TH</sup> STREET  
SAINT CHARLES, IL 60174



ALL-STATES LOGO



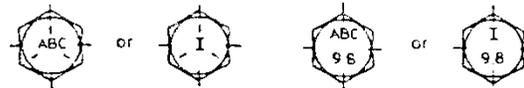
ALL-STATES  
IDENTIFICATION MARK

CAGE code: 26863

**ALPHA BOLT CO.**  
1524 EAST 14 MILE ROAD  
MADISON HEIGHTS, MI 48071

**ABC**

**I**

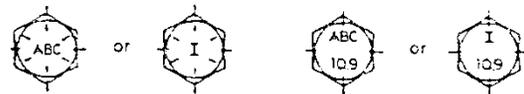


GRADE 5 BOLT

PROPERTY CLASS 9.8  
METRIC BOLTS



Roman numeral "I" shown on special bolts



GRADE 8 BOLT

PROPERTY CLASS 10.9  
METRIC BOLTS

CAGE code: 0R8B6

**ALPHA FASTENERS COR.**  
154 EAST MERRICK ROAD  
FREEPORT, NY 11520

**AF**

CAGE code: 1UJ18

**ALPHA MACHINING PRODUCTS & DEVELOPMENT**

8651 PRODUCTION AVENUE  
SAN DIEGO, CA 92126

Plant  
7929 SILVERTON AVENUE  
SUITE 610  
SAN DEIGO, CA 92126



CAGE code: 3D6Q0

**ALPINE MACHINE & TOOL CORP.**

42 BERGENLINE AVE.  
WESTWOOD, NJ 07675

AMT - I

AMT xxxx-xxxx



CAGE code: 67339

**ALPS SEIKO CO. LTD.**

41 HIGASHI-KANAE, KANAE  
IIDA-SHI, NAGANO PREF.  
395-0817, JAPAN

Plant  
LIDA FACTORY  
524-1, SHIMOTONOHKA  
LIDA-SHI, NAGANO PREF.  
395-0154 JAPAN

A



CAGE code:

**AMACON CORP.**

49 ALDER STREET  
WEST BABYLON, NY 11704



CAGE code: 54330

**AMANDA BENT BOLT COMPANY**

1120 C I C DR.  
LOGAN, OH 43138-9153



CAGE code: 22382

**AMATOM ELECTRONIC HARDWARE**

5 PASCO HILL ROAD, UNIT B  
CROMWELL, CT 06416-1012

A  
M  
A  
T  
O  
M

AMATOM

CAGE code: 1YGB8

**AMERICA AEROSPACE PRECISION MFG.**

26254 HWY 281 NORTH  
SAN ANTONIO, TX 78258

**1S5U7**

CAGE code: 1S5U7

**AMERICAN AIRCRAFT PARTS  
MANUFACTURING COMPANY**

17917 MASONIC  
FRASER, MI 48026

**99106**

CAGE code: 99106

**AMERICAN ELECTRIC**

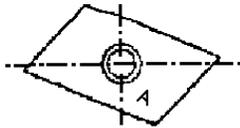
**CONSTRUCTION MATERIALS GROUP**

1555 LYNNFIELD ROAD  
MEMPHIS, TN 38119

(see THOMAS & BETTS CORPORATION

**(FORMERLY AMERICAN ELECTRIC)**

CAGE 56501)



CAGE code:

**AMERICAN FASTENER & SPECIALTY CO.**

5900 PARK AVE.  
CLEVELAND, OHIO 44105



CAGE code:

**AMERICAN INTERNATIONAL AERO MFG  
INC.**

6973 SOUTH 300 WEST  
MIDVALE, UTAH 84047



CAGE code: 0RBVB

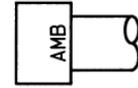
**AMERICAN METAL BEARING COMPANY**

7191 ACACIA AVENUE  
GARDEN GROVE, CA 92841

**AMB**



HEX SOCKET HEAD  
SCREW



HEX SOCKET HEAD  
SCREW



THREAD  
OR  
STUD END



HEX HEAD  
SCREW  
OR BOLT



HEX NUT



HEX NUT

CAGE code: 70508

**AMERICAN PRIDE FASTENERS, LLC**

195 S. FEHR WAY  
BAY SHORE NY 11706



CAGE code: 35WL2

**AMERICAN QUALITY MFG INC.**

411 BURNHAM STREET  
EAST HARTFORD, CT 06108



GRADE 8 BOLT

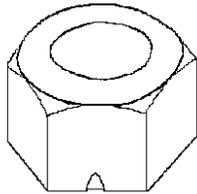


GRADE 5 BOLT

CAGE code: 1P581

**AMERIFAST CORP.**

104 SYLVANNA RD.  
SOUTH PLAINFIELD, NJ 07080-1448



CAGE code: 0H4S0

**AMERITECH DIE & MOLD SOUTH INC.**

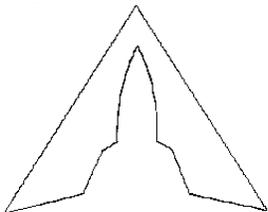
1 EAST TOWER CIRCLE  
ORMOND BEACH, FL 32174

**AD&M**

CAGE CODE: 5HPY1

**AMERITECH FASTENER MFG INC.**

6606 N GESSNER  
HOUSTON, TX 77040



CAGE code: 0EUH2

**AMMAC, INC.**

6000 SUSQUEHANNA PLAZA  
YORK, PA 17406



CAGE code: 0NHU1

**ANATASE PRODUCTS**

1314 GOODRICK DR  
TEHACHAPI, CA 93561

**0MXJ8**

**0J8**



CAGE code: 0MXJ8

**ANCHOR BOLT & SCREW CO.**

2001 N. CORNWELL  
MELROSE PARK, IL 60160-1081



Hex cap and indented  
hex screws.



Machine screws and  
Other products -  
3 dots under head  
120° apart

CAGE code: 9C864

**ANDERSON FORGE & MACHINE**

18500 S. W. PACIFIC HWY  
TUALATIN, OR 97062



CAGE code: 7X566

**ANDROCK HARDWARE CORPORATION**

711 19<sup>th</sup> STREET  
ROCKFORD, IL 61104



FILLED OVAL, .10" WIDE, .19" LONG

CAGE: 0PD50

**ANILLO INDUSTRIES, INC.**

2090 N. GLASSELL  
P.O. BOX 5586  
ORANGE, CA 92865-3306



CAGE code: 10630

**ANKIT FASTENERS PRIVATE LIMITED**

297 HARAGADDE VILLAGE, ROAD NO. 4  
JIGNI INDUSTRIAL ESTATE PHASE – I  
BANGALORE 562 106, INDIA



CAGE code: SEM10

**ANOTHER SCREW MACHINE PRODUCT**

EMERALD INDUSTRIAL PARK BOX 425  
PONDERAY, ID 83852



CAGE code: 05RQ3

**ANTRIM MACHINE PRODUCTS, INC.**

P.O. BOX 379  
MANCERLONA, MI 49659

Plant  
9142 JOHNSON RD.  
MANCERLONA, MI 49659



CAGE code: 7U154

**A-ONE MACHINE COMPANY**

R.R.1, BOX 1660  
HOP BOTTOM, PA 18824



CAGE code: 0AV84

**APEL LTD.**

COUNTESS AVE., STANLEY GREEN  
TRADING ESTATE  
CHEADLE HULME, CHESHIRE, SK8 6QU  
UNITED KINGDOM



CAGE code: K5640

**APEX MFG. CO. INC.**

11686 TUXFORD ST  
SUN VALLEY, CA 91352-3134



CAGE code: 2V343

**APHEONIX CORPORATION**

101 PECK HILL ROAD  
JOHNSTON, RI 02919



CAGE code: 08TF3

**ARCHER SCREW PRODUCTS**

11341 MELROSE STREET  
FRANKLIN PARK, IL 60131



CAGE code: 1HXL9

**ARCO SALES CO.**

1230 E MERMAID LN  
GLENSIDE, PA 19038 - 7667



CAGE code: 5L063

**ARCONIC FASTENING SYSTEMS & RINGS**

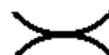
3000 WEST LOMITA BLVD.  
TORRANCE, CA 90505-5103

CAGE code: 92215

Plants:

**CARSON OPERATIONS**

900 EAST WATSON CENTER ROAD  
CARSON, CA 90745-4201



CAGE code: 17446

**CITY OF INDUSTRY OPERATIONS**

135 NORTH UNRUH AVENUE  
CITY OF INDUSTRY, CA 91744-4409

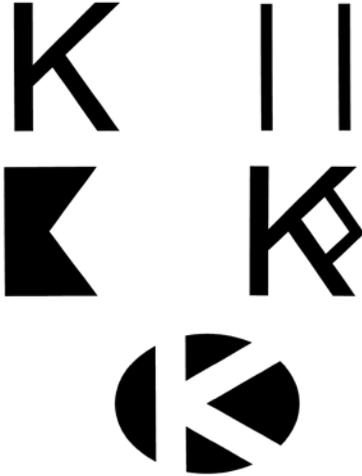


CAGE code: 1RC86

(Continued)

(Continued)

FULLERTON OPERATIONS PLANT 1  
800 SOUTH STATE COLLEGE BOULEVARD  
FULLERTON, CA 92831



CAGE code: 15653, 66776

NEWBURY PARK OPERATIONS  
1300 RANCHO CONEJO BOULEVARD  
NEW BURY PARK, CA 91320-1405



CAGE code: 52828, 71087

SYLMAR OPERATIONS  
12975 BRADLEY AVENUE  
SYLMAR, CA 91342-3830



CAGE code: 06710, 23899

(Continued)

(Continued)

TORRANCE OPERATIONS  
3000 WEST LOMITA BOULEVARD  
TORRANCE, CA 90505-5103

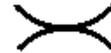


CAMLOC



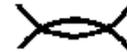
CAGE code: 71286, 75237, 0CBU7, 83324, 29372,  
5M902

TUCSON OPERATIONS  
3724 EAST COLUMBIA STREET  
TUCSON, AZ 85714-3415



CAGE code: 0HDW7

WACO OPERATIONS  
8001 IMPERIAL DRIVE  
WACO, TX 76714-8117



CAGE code: 9K475

ST. COSME OPERATIONS  
9, RUE DES CRESSONNIERES  
72110 SAINT-COSME-EN-VAIRAIS  
FRANCE



CAGE code: F0224, FAPP9

(Continued)

MIL-HDBK-57H (IS)  
APPENDIX A

(Continued)

TOULOUSE OPERATIONS  
BOULEVARD DU GRAND CASTAING  
ROQUES-SUR-GARONNE  
31128 PORTET SUR GARONNE  
TOULOUSE, FRANCE



**M**

CAGE code: F7411

---

US OPERATIONS  
BP 4  
CLOS D'ASSEVILLE  
95450 US PARVIGNY  
FRANCE

**H**

CAGE code: F6167

---

HILDESHEIM OPERATIONS  
STEVEN 3  
31135  
HILDESHEIM-BAVENSTEDT, GERMANY

**VS**

CAGE code: C4293

---

KELKHEIM OPERATIONS  
INDUSTRIESTRASSE 6  
D-65779  
KELKHEIM, GERMANY



**CAMLOC**

CAGE code: D0680

(Continued)

(Continued)

NEMESVAMOS OPERATIONS  
DOZSA GYORGY, U.2/A  
NEMESVAMOS 8248  
HUNGARY



CAGE code: 0725V

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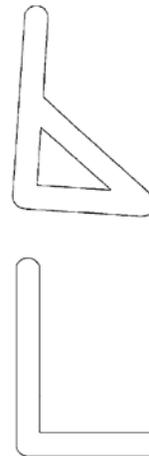
LEICESTER OPERATIONS  
VIKING ROAD  
WINGSTON, LEICESTER  
LE18 2BL  
UNITED KINGDOM

**NB**

CAGE code: U6683

---

REDDITCH OPERATIONS  
CROSSGATE ROAD, PARK FARM  
REDDITCH, WORCESTERSHIRE  
B98 7TD  
UNITED KINGDOM



CAGE code: K8753

**ARDOR MFG. INC.**

400 S. 1100 W.  
PROVO, UT 84603



CAGE code: 0CTH5

**ARGARWAL INDUSTRIES**

370 MARSHALL HOUSE  
25 STRAND ROAD  
CALCUTTA, INDIA 700 001



CAGE code:

**ARJAY PRECISION, INC.**

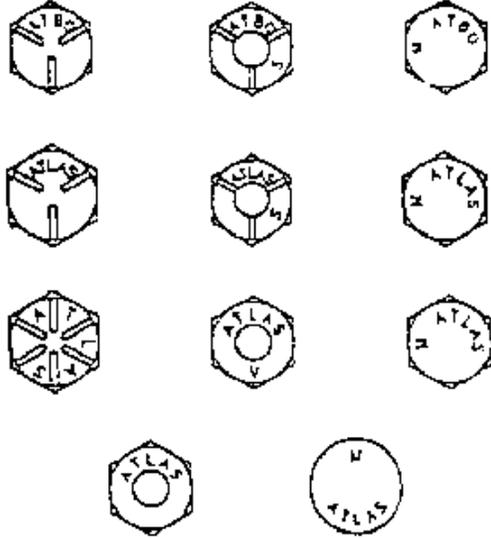
72 WINDERMERE AVE  
WLLINGTON, CT 06029 - 3838

**MFR - 72905**

CAGE code: 72905

**ARMSTRONG ATLAS BOLT**

STATION STREET  
DARLASTON, WEST MIDLANDS, WS10 8UL  
UNITED KINGDOM



CAGE code:

**ARMSTRONG PRECISION COMPONENTS LTD.**

FOSTER STREET STONEFERRY  
BUSINESS PARK  
HULL, HU8 8BT  
UNITED KINGDOM



Symbol may  
be depressed  
or raised

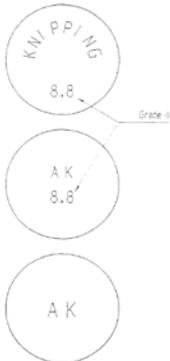
**GSF**



CAGE code: K1012

**ARNOLD KNIPPING GmbH**

58557 KIERSPE  
POSTFACH 14 48  
GUMMERSBACH, GERMANY 5270



AK  
KNIPPING

CAGE code: C4096

**ARNOLD UMFORMTECHNIK**

**GMBH & CO. KG**

SINDRINGEN STR. 25  
FORCHTENBERG, 74670  
GERMANY



CAGE code: C3705

**ARNOLD WRAGG (BOLTS & NUTS) LTD**

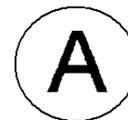
PARKWAY ONE BUSINESS CENTRE  
PARKWAY DRIVE, UNIT 2  
SHEFFIELD S9 4WU  
UNITED KINGDOM



CAGE code: U2935

**ARROW SCREW & MACHINE WORKS**

1037 GERMANTOWN AVENUE  
PHILADELPHIA, PA 19123-1629



CAGE code: 03632

MIL-HDBK-57H (IS)  
APPENDIX A

**ARTISAN SPECIALIST TECH**

439 HIGH STREET  
P.O. BOX 48060  
PHILADELPHIA, PA 19144



CAGE code: 0RJ65

**ARVAN, INC.**

14083 S NORMANDIE AVE  
GARDENA, CA 90249

ARVAN, INC.

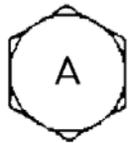
TANSEY

A/I

CAGE code: 29965

**ASAHI SREWS MANUFACTURING CO.,  
LTD**

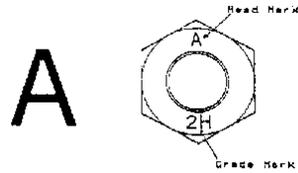
101 KAWAMATA  
HIGASHIOSAKA, JAPAN



CAGE code:

**ASAI TEKKO CO. LTD**

2-14 TAJIKA SHODKAI  
HIRKATA-SHI OSAKA, JAPAN 573



CAGE code:

**ASI DESIGN & MANUFACTURING, INC.**

1070 HARDEES DRIVE  
P. O. BOX 957  
ABERDEEN, MD 21001

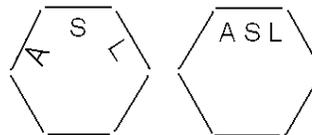


CAGE code: 32971

**ASL MANUFACTURING INC.**

60 S. POSADO CT.  
IVINS, UT 84738 - 6009

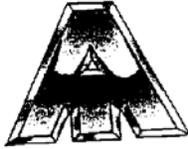
Plant  
1074 W. 560N.  
ST. GEORGE, UT 84770



CAGE code: 1VED5

**ASSOCIATED TOOL CO., INC.**

100 THOMAS DRIVE  
GADSDEN, AL 35901 – 8676



CAGE code: 2U575

**AST ASSOCIATES, INC.**

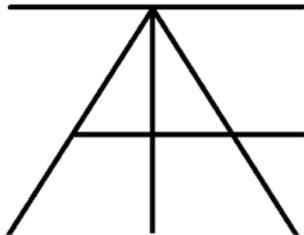
14 BETHEL ROAD  
GRISWOLD, CT 06351 – 8901



CAGE code: 0WVW0

**ATF AEROSPACE**

2609 N. OGDEN  
MESA, AZ 85215



CAGE code: 6XGY8

**ATF, INC.**

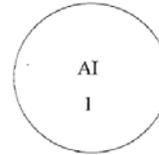
3550 WEST PRATT AVENUE  
LINCOLNWOOD, IL 60712 - 3745



CAGE code: 95110

**ATHENA INDUSTRIES**

11710 SOUTHLAKE DRIVE, UNIT 57  
HOUSTON, TX 77077 – 6730



CAGE CODE: 5YJF9

**ATLANTA ROD & MANUFACTURING**

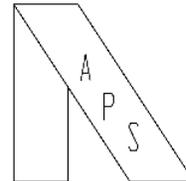
144 SHOCKBETON RD.  
LAVONIA, GA 30553



CAGE code: 6P7X4

**ATLANTIC PRECISION SPRING INC.**

125 RONZO RD.  
BRISTOL, CT 06010



CAGE code: 6D788

**ATLAS SPECIALTY PRODUCTS**

2299 E. WINSTON ROAD  
ANAHEIM, CA 92806



CAGE code: 0TP31

**ATOMATIC MANUFACTURING COMPANY**

300 SHADELAND AVENUE  
EAST PITTSBURG, PA 15112 – 1432



CAGE code: 18362

**AUGUST FRIEDBERG GMBH**

BELFORTER STRASSE 63  
P. O. BOX 10 08 43  
GELSENKIRCHEN, GERMANY 45884



**AF**

CAGE code:

**AUGUST FRIEDBERG GmbH**

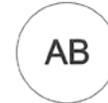
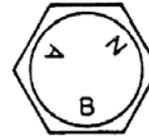
BELFORTER STRASSE 63  
D-4650 GELSENKIRCHEN  
ROTTHAUSEN, GERMANY

**FRIEDBERG**

CAGE code:

**AUTO BOLT CO.**

4619 PERKINS AVE  
CLEVELAND, OH 44103



CAGE code: 0CUJ9

**AUTOMATED MANUFACTURING**

8009 AUGUSTA ROAD  
PIEDMONT, SC 29673-9369



CAGE code: 1URY9

**AUTOMATIC MACHINING AND MFG CO.**

6000 SUSQUEHANNA PLZ  
YORK, PA 17406

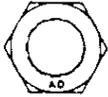


CAGE code: 0NHU1

**AUTOMATIC SCREW MACHINE  
PRODUCTS COMPANY**

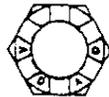
709 2ND AVE  
P.O. BOX 1608  
DECATUR, AL 35601 - 2517

PLAIN:



AD

SLOTTED:



OR



AD

DRILLED:



AD

CAGE code: 92595

**AUTO SCREW, INC.**

LYNBROCK RD. & EASTERN BLVD.  
P.O. BOX 4968  
BALTIMORE, MD 21220



CAGE code: 84253

**AUTO-VALVE, INC.**

1707 GUENTHER RD.  
DAYTON, OH 45417



CAGE code: 91511

**AVDEL INTERNATIONAL (AVDEL LTD)**

HERTFORD, AL 7 1EZ  
UNITED KINGDOM



CAGE code:

**AVIATION MANUFACTURING GROUP LLC**

719 WALNUT ST  
P. O. BOX 57  
YANKTON, SD 57078 - 3542

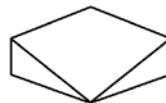


CAGE code: 84596

**AVIBANK MANUFACTURING, INC.**

11500 SHERMAN WAY, P.O. BOX 9909  
NORTH HOLLYWOOD, CA 91609-1909

**AB**  
**ADB, ADBB, ADP, LRA**  
**AAP**  
**AS**  
**AV**  
**AVIBANK, BALL-LOK®, BLC,**  
**BLS, PIP**  
**AVL**  
**AVK, ET, ETC, FN, IT, ITC,**  
**MT, RT**  
**ST**  
**84256**



CAGE code: 84256

**AVK INDUSTRIES PRODUCTS INC.**

4650 SW MACADAM AVE. SUITE 440  
PORTLAND, OR 97239-4262

Plant  
25323 RYE CANYON RD  
VALENCIA, CA 91355

AVK AVK AVK AVK

AK AvK AVK 

CAGE code: 78276

**AZTECH ENGINEERING, INC.**

1424 CENTRE CIR.  
DOWNERGROVE, IL 60515



CAGE code: 0W426

**AZTECH LOCKNUT COMPANY**

2675 WHITE OAK CIRCLE  
AURORA, IL 60502

Orange nylon insert



CAGE code: 5CQW8

**B & B ELECTRO-MECHANICAL**

66D OTIS STREET  
WEST BABYLON, NY 11704

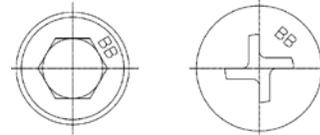


CAGE code: 0UNG2

**B & B SPECIALTIES INC.**

4321 E. LAPLMA AVE.  
ANAHEIM, CA 92807

- 1) PRIMARY - **BB**
- 2) SECONDARY - **62206**



Depressed BB.

CAGE code: 62206

**B & D THREADED ROLLING INC**

36820 VAN BORN ROAD  
P.O. BOX 275  
WAYNE, MI 48184



CAGE code: 00LR8

**B & E MACHINE SHOP & SHEET METAL FAB., INC.**

3059 SE MONROE ST.  
STUART, FL 34997



CAGE code: 8W179

**B & E MANUFACTURING CO., INC.**

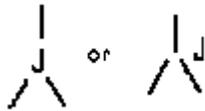
12151 MONARCH STREET  
GARDEN GROVE, CA 92841 – 2927



CAGE code: 59680

**B & G MANUFACTURING CO., INC.**

3067 UNIONVILLE PIKE  
P.O. BOX 269  
HATFIELD, PA 19440-1822



Grade 5

JB7                      Grade B7

JB16                     Grade B16

JNC                      Alloy 400



Alloy 500

J4                         Grade 4

J2H                      Grade 2H

CAGE code: 84272

**B & N TOOL CO., INC.**

44 ROCKWELL ROAD  
NEWINGTON, CT 06111



CAGE code: 0CMJ0

**B & R MACHINE AND TOOL CORP**

717 MAIN STREET  
WESTBURY, NY 11590



CAGE code: 66936

**B F GOODRICH CO. RIVNUT ENGINEERED FASTENERS**

THE AEROSPACE AND DEFENSE  
DIVISION  
250 NORTH CLEVELAND-MASSILLION RD.  
AKRON, OH 44313

Plant  
150 SPRINGSIDE DRIVE  
AKRON, OH 44313-0501



CAGE code:

**B G ENGINEERING, INC.**

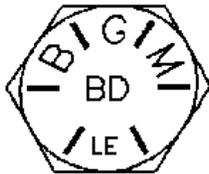
205 ARENA STREET  
EL SEGUNDA, CA 90245



CAGE code: 0WL62

**B G M FASTENER CO., INC.**

RR 5 BOX 1675  
759 OLD WILLOW AVENUE  
HONESDALE, PA 18431

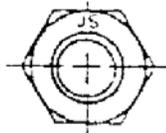


CAGE code: 3Y498

**B. V. FABRIEK VAN KLINKNAGELS EN  
SCHROEFBOUTEN V/H SMIT**

2980 GB RIDDERKIRK  
P.O. BOX 4075  
THE NETHERLANDS

**JS**



CAGE code:

**BARCO ENGINEERING COMPANY, INC.**

505 W MAIN ST  
TILTON, NH 03276



CAGE code: 29214

**BARNEGAT BAY NSCC, INC.**

6432 DEVONSHIRE DRIVE  
FORT WORTH, TX 76180



CAGE code: 1SDGE

**BARRE PRECISION PRODUCTS INC.**

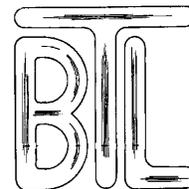
199 HOPRIVER ROAD RTE. 6  
BOLTON, CT 06043 - 7443



CAGE code: 7R902

**BAS AEROSPACE LIMITED**

2 CRAMPTONS ROAD  
SEVENOAKS, KENT N14 5EF  
UNITED KINGDOM



CAGE code: KCWE1

**BAUER & SCHAURTE KARCHER GMBH**  
FURTHER STRASSE 24-26  
POSTFACH 10 01 55  
D-4040 NEUSS 1  
FEDERAL REPUBLIC OF GERMANY

 **INBUS<sup>®</sup>**  
**VERBUS<sup>®</sup> KARRO<sup>®</sup>**

CAGE code: D2370

**BAY BOLT**  
4610 MALAT STREET  
OAKLAND, CA 94601

**CAL**

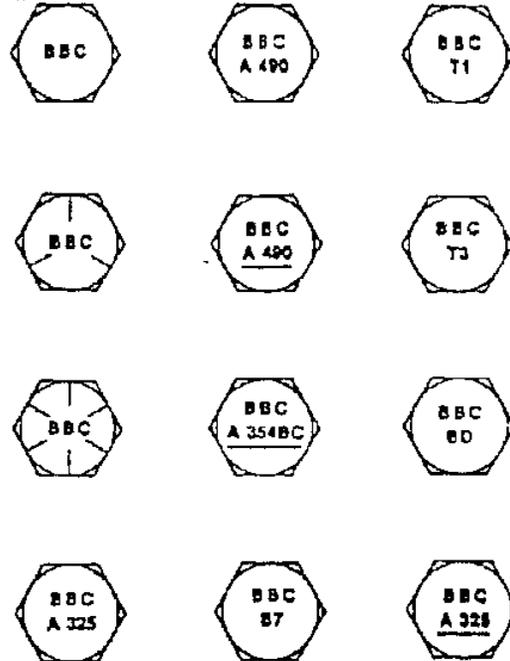
CAGE code:

**BAY SWISS MANUFACTURING**  
5 AIRPARK VISTA BLVD.  
DAYTON, NV 89403

**BSM**

CAGE code: 28271

**BBC FASTENERS, INC.**  
4210 SHIRLEY LANE  
ALSIP, IL 60658



**BBC**

CAGE code:

**BEACH MACHINE**  
819 WALKER LN  
NEW MARKET, AL 35761



CAGE code: 0TCDO

**BEAVER PRODUCTS CORP.**

P.O. BOX 17279  
ANAHEIM, CA 92817

**B.P.C.**

CAGE code: 4P584

**BEC MACHINE PRODUCTS**

100 CHRISTOPHER LN.  
HARLEYSVILLE, PA 92806 – 1823

**BEC**

CAGE code: 0JC12

**BEE INDUSTRIES, INC.**

W6331 BEE ROAD  
WATERTOWN, WI 53098

**BI**

CAGE code: 7V765

**BEGONIA TOOL COMPANY**

573 HERMINE RD  
HERMINIE, PA 15637 – 1721

**BT**

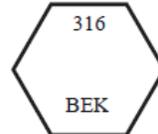
CAGE code: OL3V3

**BEK, INC.**

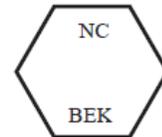
DBA LEVEL 1 FASTENERS  
777 10<sup>TH</sup> AVENUE WEST  
HUNTINGTON, WV 25701



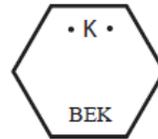
300 SERIES STAINLESS STEEL



TYPE 316 STAINLESS STEEL



NICKEL COPPER (MONEL)



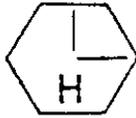
NICKEL COPPER ALUMINUM (K-MONEL)

**BEK**

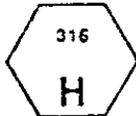
CAGE code: 17283

**BEK LEVEL 1 FASTENERS**

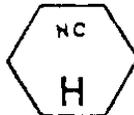
300 THIRD AVE  
HUNTINGTON, WV 25701



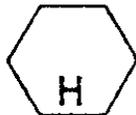
300 Series Stainless Steel



Type 316 Stainless Steel

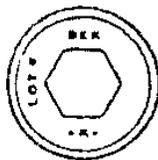
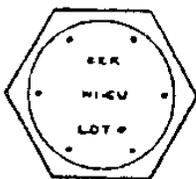


Nickel Copper (Monel)



Silicon Bronze

BEK LEVEL 1 FASTENERS  
721 EAST COMPTON BOULEVARD  
COMPTON, CA 90220



BEK

CAGE code:

**BEL-AIR MACHINE & PERFORMANCE**

14181 FIR STREET  
OREGON CITY, OR 97045 - 6806



CAGE code: 5SJL1

**BELL FASTENERS**

327 PINE STREET  
PAWTUCKET, RI 02862

**S**

STILLWATER

**B**

BELL

**PMC**

PAWTUCKET MANUFACTURING CO.

**P**

PAWTUCKET

**A**

ALBANY

**SW**

ON TOP OF SCREW



(two dots) On the top of or bearing surface  
of the screw

(SEE VERTEX)

CAGE code: 12360

**BELL-MEMPHIS, INC.**

1650 CHANNEL AVE  
MEMPHIS, TN 38113-01871



CAGE code: 22277

**BELL PRECISION, INC.**

169 N DILLON AVENUE  
SAN JACINTO, CA 92583 - 3909

**BP**

CAGE code: 56122

**BEN YUAN ENTERPRISE CO, LTD.**

NO. 113, CHI-NAN ROAD  
TAI-SHIA VILLAGE, KAOHSIUNG HSIEN,  
TAIWAN R. O. C.

**BY**

CAGE code:

**BENACO TOOLING R AND D CORP**

9287 MERCANTILE DR  
MENTOR, OH 44060

**BENACO**

CAGE code: 5W644

**BEOTOOL CORP.**

725 WHITNEY DR  
BLUE BELL, PA 19422 - 1205

**BOT**

CAGE code: 2N084

**BERGNER, RICHARD GMBH & CO. KG**

BAHNHOFSTRAUSSE 8-16  
P.O. BOX 1180  
SCHWABACH, 91126  
GERMANY



**RIBE**

Where required and applicable, these fasteners types are also marked with the logo "RIBE" and/or capital "B" with screw in circle.



CAGE code: D2282

**BER-LOW MFG INC.**

4928 PITTSBURGH AVE  
ERIE, PA 16509

see BUTECH PRESSURE SYSTEMS



CAGE code: 62295

**BERRY MANUFACTURING**

5505 BREWSTER ST  
SAN ANTONIO, TX 78233



CAGE code: 65003

**BETA CORP.**

2332 S DELAWARE ST  
DENVER, CO 80223 - 4321



CAGE code: 06671

**BETA ENGINEERING, INC.**

P.O. BOX 80  
468 DODSON LAKE DRIVE  
ARLINGTON, TX 76012 - 3441



CAGE code: 33436

**BIG BOLT CORP.**

140 COVINGTON DRIVE  
BLOOMINGDALE, IL 60108 - 3105



CAGE code: 3Q6H0

**BIRANT MAKINA LTD STI**

AGAC METAL SAN SIT1436 SOK NO32  
IVEDIK ORGANIZE SANAYI BOLGESI  
ANKARA, 06000 TURKEY



CAGE code: T7652

**BISHOP ENTERPRISES, INC.**

3 EAST BISHOP STREET  
WATERFORD, CT 06385 - 2513



CAGE code: 6Y882

**BLAINE TOOL CORP.**  
5024 FALL CREEK RD  
INDIANAPOLIS, IN 46220 – 5344



CAGE code: 17027

**BLANC AERO INDUSTRIES**  
see LISI AEROSPACE

BLANC AERO INDUSTRIES  
193 R DE BERCY  
PARIS, FRANCE 75012

BLANC AERO INDUSTRIES  
SAINT CHAMOND GRANAT  
18 20 RUE S-HILAIRE  
SAINT OUEN L'AUMONE, FRANCE 95310

P (Sr Brieuc)  
B (Paris)  
P (Villefranche de  
Rouergue)  
ds. F

**T**

BLANC AERO INDUSTRIES  
DECOLLETAGE MODERNE  
5 BIS, PLACE LEON BLUM  
75020 PARIS, FRANCE

**DDG**

CAGE code: F0188

**BLANC AIRCRAFT FASTENERS, INC.**  
203020 PRARIE ST  
P.O. BOX 3819  
CHATSWORTH, CA 91842



**BAF**

CAGE code:

**BLAND CO., THE**  
55 BROOK ST  
P. O. BOX 330358  
WEST HARTFORD, CT 06133

**BL**

CAGE code: 02991

**BLUE TEE CORP DBA GEFCO**  
2215 S. VAN BUREN ST.  
ENID, OK 73703-8218



CAGE code: 21363

**BOBCAT MANUFACTURING CO. (PLANT)**

100 PECK HILL ROAD  
JOHNSTON, RI 02919



CAGE code: 8H536

**BOGNER ENGINEERING CO.**

705 N. SPRINGFIELD STREET  
P. O. BOX 510  
BERRYVILLE, AR 72616



CAGE code: 04BV8

**BOLLHOFF & CO. GmbH & CO. KG**

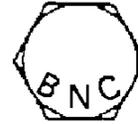
ARCHIMDESTRASSE 1-4  
BIELEFELD, D-4800 14  
GERMANY



CAGE code:

**BOLT & NUT CO.**

PARK LANE EAST  
TIPTON, WEST MIDLANDS, DY4 8RF  
UNITED KINGDOM



CAGE code:

**BOLT FASTENER STUD/TECHNOLOGY**

118 W NUGENT ST  
P.O. BOX 2569  
LANCASTER, CA 93535

Plant  
210 EAST AVENUE  
LANCASTER, CA 93539



CAGE code: 31386

**BOLTWORKS, INC.**

2150 WOODLAND  
WARRENDALE, PA 15086-7536



CAGE code: 3LYS4

**BOMAR ENGINEERING, INC.**

13385 PHILLIPPI AVE.  
SYLMAR, CA 91342



CAGE code: 3U494

**BOMBSHELL, INC.**

9565 PATHWAY ST. #B  
SANTEE, CA 92071

**509W0**

CAGE code: 509W0

**BONEAL INC.**

6962 HIGHWAY 460  
MEANS, KY 40346

Plant  
126 INDUSTRIAL PARK RD.  
MEANS, KY 40346



CAGE code: 5X802

**BRACELENTE MANUFACTURING CO.,  
INC.**

20 WEST CREAMERY ROAD  
P.O. BOX 570  
TRUMBAUERSVILLE, PA 18970-0570

**BMC INC.**

CAGE code: 2Y035

**BRADY MACHINE, INC.**

6125 SKY ROAD  
JOSHUA, TX 76058-4048



CAGE code: 1HLW8

**BRANCH MACHINE PARTS, INC.**

2419 EMPIRE AVE  
BURBANK, CA 91504



CAGE code:

**BRIARWOOD FASTENERS, INC.**

9701 OWENSMOUTH AVE.  
UNIT 8  
CHATSWORTH, CA 91311-4814

NO LONGER IN BUSINESS

see HEARTLAND PRECISION FASTENER

**BFI**

CAGE code: 3N278

**BRIDEAN MACHINE & TOOL CO., INC.**

155 BANGOR STREET  
LINDENHURST, NY 11757-3632



CAGE code: 1S023

**BRIDGEVIEW MANUFACTURING CO.**

7320 S. FERDINAND AVENUE  
BRIDGEVIEW, IL 60455-1111

**BVB**

CAGE code: 0ALM2

**BRIGHT LIGHTS USA, INC.**

145 SHREVE AVE.  
BARRINGTON, NJ 08007

**BL**

CAGE code: 0RMF7

**BRILES AEROSPACE, INC.**

1559 WEST 135<sup>TH</sup> STREET  
GARDENA, CA 90249

**BAI**

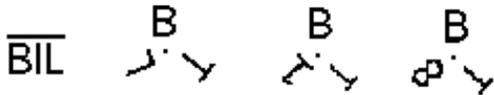
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CAGE code: 73TG7

**BRINTCLIFFE TURNER LTD.**

CRAMPTONS ROAD  
SEVENOAKS, KENT, TN14 5DS  
UNITED KINGDOM

**BIL**    **B**    **B**    **B**



CAGE code:

**BRISTOL INDUSTRIES**

630 EAST LAMBERT RD.  
BREA, CA 92821

**B+**    CAPITAL B FOLLOWED BY PLUS SIGN  
RAISED OR DEPRESSED

**BI**    CAPITAL B FOLLOWED BY CAPITAL I  
USED FOR EUROPEAN PARTS ONLY  
RAISED OR DEPRESSED

● ●    TWO ADJACENT DOTS  
RAISED OR DEPRESSED



TWO ADJACENT DOTS  
RAISED OR DEPRESSED

**B** - old callout no longer used on  
new product

CAGE code: 27238

**BRISTOL LOCKNUT CO.**

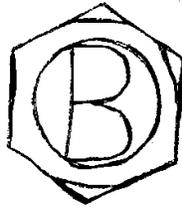
(NUT DIVISION)  
32451 N. AVIS DRIVE  
MADISON HEIGHTS, MI 48071

//

CAGE code:

**BROADSTONE TOOL & DIE, INC.**

RT. #1, BOX 986  
MCARTHUR, OH 45651



CAGE code: 4Z678

**BROADWAY SCREW MACHINE INC.**

64 NANCY ST. UNIT B  
WEST BABYLON, NY 11704



CAGE code: 5CZ56

**BROWN PRODUCTION, INC.**

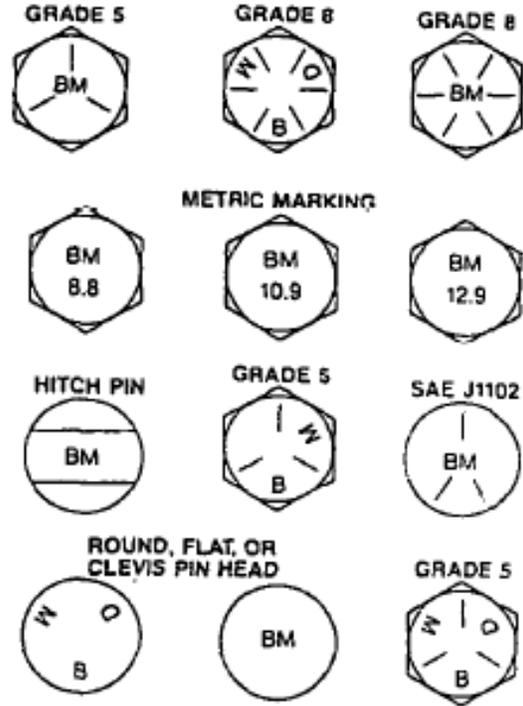
804 W MEEKER ST.  
KENT, WASHINGTON 98032-5702



CAGE code: 2D069

**BRUNNER DRILLING & MFG. CO., INC.**

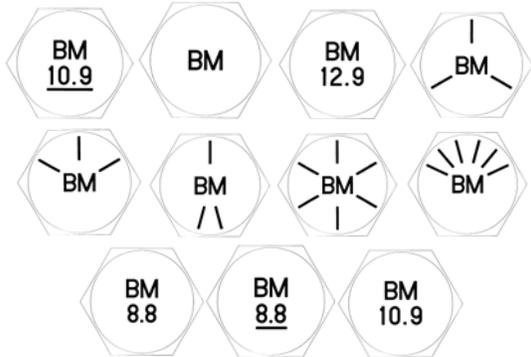
405 ELROY ST.  
P.O. BOX 137  
ELROY, WI 53929



CAGE code: 24407

**BRUNNER MANUFACTURING CO.**

1025 PARKER DR  
MAUSTON, WI 53948 9381



CAGE code: 3B7H2

**BRYCO MACHINE, INC.**

7800 GRAPHICS DRIVE  
TINLEY PARK, IL 60477

**BM**

CAGE code: 1WCD4

**BRYNOLF MANUFACTURING, INC.**

412 18<sup>TH</sup> AVENUE  
ROCKFORD, IL 61104

**b**

CAGE code: 4P7Y2

**BUCK EYE FORGE, INC.**

11700 HARVARD AVE  
CLEVELAND, OH 44105



CAGE code: 71177

**BUCKEYE MACHINING, INC.**

25020 LAKELAND BLVD.  
CLEVELAND, OH 44132



CAGE code: 8X808

**BUFFALO PUMPS, INC.**

874 OLIVER STREET  
NORTH TONAWANDA, NY 14120-3210

**BP**

CAGE code: 83130

**BULA FORGE INC.**  
2987 E 87TH ST  
CLEVELAND, OH 44104-4

**BULA**

CAGE code:

**BULTEN TRADING AB**  
P.O. BOX 516  
734 01 HALLSTAHAMMAR  
SWEDEN

*Bulten Stainless AB*  
Ashammar Works  
810 25 Ashammar  
Sweden

*Bulten Stainless AB*  
Svartå Works  
710 11 Svartå  
Sweden

**BH**  
BULTEN AB

**BUFO**  
BULTEN AB

**SÅ**  
BULTEN STAINLESS AB

CAGE code: N8286

**BURROWERS RESEARCH MACHINING,  
INC.**

43 BRADFORD STREET  
P.O. BOX 1130  
CONCORD, MA 01742



CAGE code:

**BUSAN INDUSTRIAL MACHINERY CO.,  
LTD.**

*BOLT DIVISION*  
456-9, NAE-DONG, CHANGWON  
KYEONGSANGNAM-DO, KOREA

**BM**

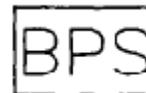
**BIM**

CAGE code:

**BUTECH PRESSURE SYSTEMS**

4928 PITTSBURGH AVE  
ERIE, PA 16509

See BER-LOW MFG INC.



CAGE code: 62295

**BUTLER, INC.**

1600 WEST 166TH STREET  
GARDENA, CA 90247

**JB**

CAGE code: 59053

**C & A MACHINE CO.**

49 PROGRESS CIRCLE  
NEWINGTON, CT 06111

**CA**

CAGE code: 1HXE7

**C & D MACHINE TOLL, INC.**

726 COURT STREET  
SPRINGFIELD, OH 45506

**C&D  
MACH**

CAGE code: 064X3

**C & H MFG., INC.**

4280 E LOWELL ST  
ONTARIO, CA 91761-1529

**30633**

CAGE code: 30633

**C & S ENGINEERING LLC**

8807 PIONEER BLVD SUITE K  
SANTA FE SPRINGS, CA 90670



CAGE code: 4ZH03

**C. E. MACHINE CO., INC.**

1741 SOUTH LEONINE  
WICHITA, KS 67209-2813

**MFR 3L665**

CAGE code: 3L665

**C.E.S. MACHINE PRODUCTS, INC**

8880 DOUBLE DIAMOND PKWY  
RENO, NV 89521-5908

**CES**

CAGE code: 1WF66

**C. J.'S GENERAL MACHINE WORKS**

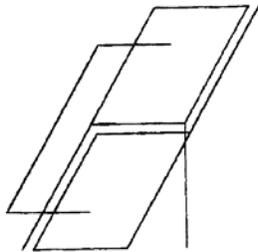
15406 FOREST MIST  
SAN ANTONIO, TX 78232-4137



CAGE code: 7W334

**C.R.D. MACHINING**

366 W. 131<sup>ST</sup> ST.  
LOS ANGELES, CA 90248



CAGE code: 1LA52

**CALABRESE & SONS, INC.**

406 BRANDY LANE  
P.O. BOX 1667  
MECHANICSBURG, PA 17055-2800



CAGE code: 07310

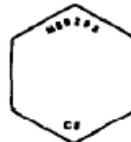
**CALIFORNIA SCREW PRODUCTS CORP.**

P.O. BOX 228  
PARAMOUNT, CA 90723

*Plant*  
14957 GWENCHRIS AVE.  
PARAMOUNT, CA 90723-3423

**CS**

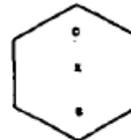
**C S**



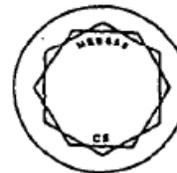
HEX. HEAD



HEX. HEAD



HEX. HEAD



TWELVE POINTS



FLAT HEAD

FLAT HEAD

ROUND HEAD

ALL TYPES OF HEADS

CAGE code: 8Z507

**CAMBRIDGE SPECIALTY COMPANY, INC.**

588 FOUR ROD RD  
BERLIN, CT 06037-2280



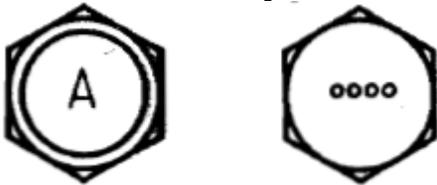
CAGE code: 9E232

**CAMCAR DIVISION OF TEXTRON INC.**

600 18<sup>th</sup> Ave.  
Rockford, IL 61101

Plant  
AMSCO PRODUCTS  
1818 CHRISTINA ST  
ROCKFORD, IL 24382  
CAGE code: 01536

*Head markings*



Vendor identification, "A" or four dots raised or depressed located as shown.

*Under head markings*



Vendor identification, four dots radially located as shown, depressed

(Continued)

(Continued)

**CAMCAR DIVISION OF TEXTRON INC.**

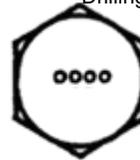
Plant  
DRILLETITE PRODUCTS  
1304 KERR DR.  
DECORAH, IA 52101  
CAGE code: 93907

*Head markings*



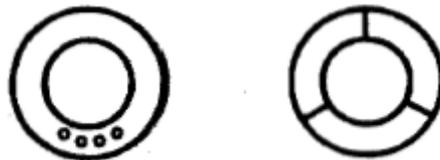
Vendor and customer  
Identification for stainless  
steel, drilled screws,  
raised or depressed

Vendor/Product  
Identification, raised or  
depressed  
Identifies "CAMCAR Self -  
Drilling Fastener."



Vendor Identification,  
Four in-line dots, raised or  
depressed

*Under head markings*



Vendor identification, four radial dots or three equally  
spaced radial lines, depressed

(Continued)

(Continued)

**CAMCAR DIVISION OF TEXTRON INC.**

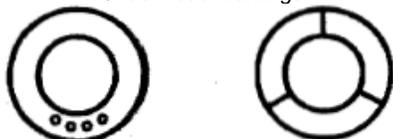
Plant  
RAYCARL PRODUCTS  
600 18<sup>th</sup> Ave.  
Rockford, IL 61101  
CAGE code: 6P253

*Head markings*



Vendor Identification, "CAMCAR" or four in-line dots, raised or depressed.

*Under head markings*



Vendor identification, four radial dots or three equally spaced radial lines, depressed

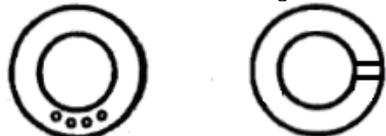
Plant  
ROCKFORD HEADED PRODUCTS  
29201 TELEGRAPH RD. SUITE 611  
SOUTHFIELD, IL 48034-1331

*Head markings*



Product Identification, "HP" raised or depressed      Product Identification, Four in-line dots, raised or depressed

*Under head markings*



Vendor identification, four radial dots or two parallel lines, raised or depressed

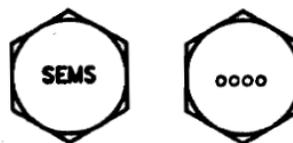
(Continued)

(Continued)

**CAMCAR DIVISION OF TEXTRON INC.**

Plant  
SEMS PRODUCTS  
1818 CHRISTINA ST  
ROCKFORD, IL 61104  
CAGE code: 01536

*Head markings*



Vendor Identification, "SEMS" or four in-line dots, raised or depressed, located as shown.

*Product Trademark Markings*



INTERNAL TORX ® RECESS "TORX" and two dots raised or depressed, located as shown



EXTERNAL TORX ® RECESS "TORX" equally spaced on top of washer, raised or depressed.

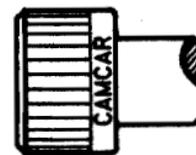


TORXSTEM ® "TORX" equally spaced on END, raised or depressed.

Plant  
SOCKET SCREW PRODUCTS  
1302 KERR DRIVE  
DECORAH, IA 52101  
CAGE code: 0JMM5



Letters "TORX" plus two dots raised or indented on recess countersink; locate as illustrated (Product Trademark)



Optional Identification, "CAMCAR", raised or indented as illustrated

Vendor Identification, Four radial dots raised or indented, located as shown

(Continued)

(Continued)

**CAMCAR DIVISION OF TEXTRON INC.**

Plant  
TAPTITE PRODUCTS  
826 EAST MADISON ST  
BELVIDERE, IL 61008

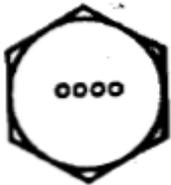
*Head markings*



Product Identification, "TTL" raised or depressed



Vendor Identification, "CTY" and three radial lines, raised or depressed



Vendor Identification, Four in-line dots raised or depressed



Vendor Identification, three radial lines and circle, raised or depressed

*Under head markings*



Vendor identification, four radial dots or three equally spaced radial lines, depressed



(Continued)

(Continued)

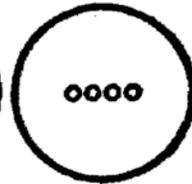
**CAMCAR DIVISION OF TEXTRON INC.**

Plant  
TORX PRODUCTS  
P.O. Box 607  
Rochester, IN 46975  
CAGE code: 6N040

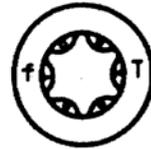
*Head markings*



Product Identification, "STRUX ®" equally spaced raised or depressed or four in-line dots, raised or depressed.



Vendor Identification, superimposed "I" and "M" raised or depressed



Product Identification "f" and "t" located as shown, raised or depressed



Product Identification, TORX logo located as shown, raised or depressed.

*Under head markings*



Vendor Identification, four equally spaced radial lines, raised or depressed

*Nut Markings*

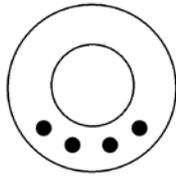


Product Identification, "STRUX ®" raised or depressed, located as shown or four radial dots, raised or depressed.



**CAMCAR LLC**

500 18<sup>TH</sup> AVENUE  
ROCKFORD, IL 61104



**CAMCAR**

CAGE code: 4WL75

**CAMCAR SCREW AND MFG CO DIV OF  
TEXTRON INC**

29201 TELEGRAPH RD., SUITE 611  
SOUTHFIELD, IL 48034 - 7649



PRODUCT IDENTIFICATION,  
"HP" RAISED OR DEPRESSED.



PRODUCT IDENTIFICATION,  
FOUR IN-LINE DOTS  
RAISED OR DEPRESSED.

HEAD  
MARKINGS



VENDOR IDENTIFICATION,  
FOUR RADIAL DOTS  
RAISED OR DEPRESSED.



VENDOR IDENTIFICATION,  
TWO PARALLEL LINES  
RAISED OR DEPRESSED.

UNDER HEAD  
MARKINGS

CAGE code: 6P253

**CAMLOC FASTENER CORPORATION**

22 SPRING VALLEY ROAD  
PARUMUS, NJ 07652  
CAGE code: 7G904

CAMLOC GmbH  
INDUSTRIESTRASSE 6  
D-65779 KELKHEIM, GERMANY  
CAGE code: D0680

NO LONGER IN BUSINESS  
see ARCONIC FASTENING SYSTEMS &  
RINGS



**CAMLOC**



CAGE code: 7G904, D0680

**CAM-TECH INDUSTRIES**

95 ESTATES DR W  
FAIRPORT, NY 14450-8425



CAGE code: 0GT70

**CANADY MANUFACTURING CO. INC.**

500 FIFTH STREET  
SAN FERNANDO, CA 91340-2225



CAGE code: 00678

**CAPRICE ENGINEERING CO., INC.**

509 HINDRY AVE.  
INGLEWOOD, CA 90301-2017



CAGE code: 52916

**CAPY MACHINE SHOP, INC.**

114 SPAGNOLI ROAD  
MELVILLE, NY 11747



CAGE code: 0BVP9

**CARDINAL FASTENER & SPECIALTY CO., INC.**

5185 RICHMOND RD  
BEDFORD HEIGHTS, OH 44146-1330



CAGE code: 2Y089

**CARDINAL INDUSTRIAL PRODUCTS**

3873 WEST OQUENDO  
LAS VEGAS, NV 89118-3010



A capital "C" to be applied to all standard ASME/ASTM bolting material.

**MULTI-C**

The word "MULTI" followed by a capital "C" to be applied to all ASME bolts manufactured to Nuclear Standards Associates or Cardinal Industrial Products, Inc. Standards.

CAGE code: 57454

**CARDINAL MACHINING SERVICES LLC.**

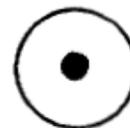
8807 PIONEER BLVD. SUITE K  
SANTA FE SPRINGS, CA 90670



CAGE code: 6BDQ3

**CARR CO.**

(THE UNITED CARR DIV OF TRW)  
31 AMES ST.  
CAMBRIDGE, MA 02142



CAGE code: 78947

**CATALINA INSTRUMENT CORPORATION**

44 SOUTH MALL  
PLAINVIEW, NY 11803-4208

**CI**

CAGE code: 30225

**CBS FASTENERS INC.**

1345 BRASHER STREET  
ANAHEIM, CA 92807-2046

**CBS**  
**CbS**

CAGE code: 0F620

**CCB INDUSTRIES, INC.**

3200 STUART DRIVE  
P.O. BOX 1158  
FT. WORTH, TX 76101

**CCB**

CAGE code: 60763

**CCF ENTERPRISES INC.**

2449 N.W. DALLAS STREET  
GRAND PRARIE, TX 75050-4971

**CCF**

CAGE code: 08QQ4

**CDS MACHINE INC.**

116 E. AIRPORT RD.  
HASKELL, OK 74436



Star with letter "C"

Text Size  
Star = .100  
C = 04  
GOTHIC FONT

CAGE code: 517Z8

**CEI INC.**

DBA COMMAND ENTERPRISES  
700 NORTH DELSEA DR  
PITMAN, NJ 08071-1244

**L-S-A**

CAGE code: 6U479

**CELTECH ENTERPRISE**

9774 CRESENT CTR DR  
SUITE 506  
RANCHO CUCAMONGA, CA 91730-5745



CAGE code: 0EFF7

**CENTERLINE TOOL & ENGINEERING, INC.**

3107 29TH AVENUE E  
BRADENTON, FL 34208-7420



Capital "C" and Capital "L" combined.

CAGE code: 0B5B0

**CENTRAL OZARK MACHINE, INC.**

HWY 19 SOUTH & HH  
P. O. BOX 347  
ALTON, MO 65606-0347



CAGE code: 64896

**CENTRAL SCREW PRODUCTS**

6425 EAST HILDALE  
DETROIT, MI 48234



CAGE code: 1YCR3

**CENTURY METAL PARTS CORP.**

230 SOUTH FEHRWAY  
BAY SHORE, NY 11706-1208



CAGE code: 30396

**CER-MAC INC.**

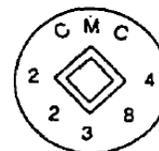
971 HORSHAM RD,  
HORSHAM, PA 19044-1225



CAGE code: 53569

**CERNY MFG. CO.**

4057 WEST 147TH STREET  
LAWNDALE, CA 60260



CMC ◊ 22384.

CAGE code: 22384

**CHAMPION COMMERCIAL INDUSTRIES,  
INC**

CHAMPION RIVET DIVISION  
P.O. BOX 398  
5137 INDIANAPOLIS BLVD  
EAST CHICAGO, IN 46312-0398

**V** *Rivets only*

CAGE code: 4B951

**CHAMPION FASTENERS, INC.**

707 SMITHVILLE RD  
LUMBERTON, NJ 08048-5302

**C**

CAGE code: 0NXPO

**CHANCE, A.B. COMPANY**

2201 LAKEVIEW RD  
MEXICO, MO 65265-1360

**C**

CAGE code: 02TP8

**CHANDLER PRODUCTS, INC.**

1491 CHARDON RD  
CLEVELAND, OH 44117-1598

Division of ELGIN FASTENER GROUP LLC.

**CP**

CAGE code: 83386

**CHATHAM PRECISION, INC.**

COMMERCE ST.  
P.O. BOX 510  
HINESBURG, VT 05461

**4 N 1 3 3**

CAGE code: 4N133

**CHEMIQUIP PRODUCTS COMPANY**

56 2<sup>nd</sup> AVENUE  
BROOKLYN, NY 11215



CAGE CODE: 99752

**CHEREK MACHINE & TOOL CO., INC.**

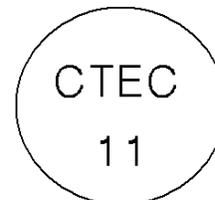
835 SHERMAN AVENUE  
HAMDEN, CT 06514-1149

**CHEREK**

CAGE code: 0YWD4

**CHEROKEE TOOL & ENGINEERING CO.,  
INC.**

P.O. BOX 227  
CANTON, GA 30114



CAGE code: 30662

**CHIANG SHIN FASTENERS INDUSTRIES,  
LTD**

NO. 111 WANLI ROAD  
GANGSHAN TOWNSHIP, KAOHSIUNG  
COUNTRY 82050, TAIWAN (R.O.C)

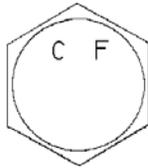


(see Stelfast Inc.)

CAGE code: SFV96

**CHICAGO FASTENER MANUFACTURING**

10902 WALNUT LANE  
MOKENA, IL 60448-8165



CAGE code: 05TL5

**CHICAGO HARDWARE & FIXTURE CO.**

9100 PARK LANE  
FRANKLIN PARK, IL 60131-3054

**CHF**

CAGE code: 71747

**CHICAGO NUT & BOLT INC.**

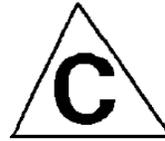
150 COVINGTON DRIVE  
BLOOMINGDALE, IL 60108

**CNB**

CAGE code: 1C4D2

**CHIEF MFG.**

423B WEST FORK DRIVE  
ARLINGTON, TX 76012-3450



CAGE code: 00WU0

**CHOICE PRECISION MACHINE, INC.**

4280 COMMERCE DRIVE  
WHITEHALL, PA 18052

**CPM**

CAGE code: 1WAA0

**CHRIS MACHINE CO.**

110 DOYLE ST.  
DOYLESTOWN, PA 18901-1370



CAGE code: 2T317

**CHU HUA INDUSTRIAL CO., LTD.**

800 FU SHING RD.  
LU CHU, KAOHSING, TAIWAN, 821 R.O.C.



**UH**

CAGE code:

**CHUN YU WORKS & CO., LTD.**

1 CIASHING  
KANGSHAN, TAIWAN

**L**

CAGE code:

**CINCH MANUFACTURING**

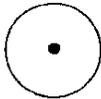
2610 S YALE ST  
SANTA ANA, CA 92704

**C**

CAGE code:

**CLEVELAND HARDWARE & FORGING**

DBA GREEN BAY DROP FORGE  
1341 S. STATE ST  
P.O. BOX 11797  
GREEN BAY, WI 54307-1797



Circle with center dot

CAGE code: 08277

**CLICK BOND, INC.**

2151 LOCKHEED WAY  
CARSON CITY, NV 89706-0713

**CB**

CAGE code: 66530

**CLYDE FASTENERS LIMITED**

5 HAWBANK RD,  
EAST KILBRIDE, GLASGOW, SCOTLAND  
G74 5ET

**CFL**

CAGE code:

**CM MANUFACTURING, INC.**

6333 BUTLER CREEK ROAD  
MISSOULA, MT 59808-8861

**CM**

CAGE code: 6Z056

**CMTECHTOOLS, LLC**

2125 VININGS CIRCLE, APT. 12  
WELLINGTON, FL 334144

**CMT**

CAGE code: 7J7C4

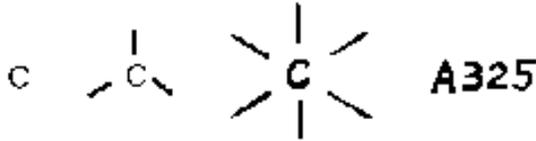
**CNC MACHINING INC.**

109 PANE ROAD  
NEWINGTON CT 06111-1552

**C**

CAGE code: 2Y832

**COAE BOLTS WORKS CO., LTD**  
NO. 47 CHINAN ROAD, TASHE HSIANG  
KOAHSIUNG HSIEN, TAIWAN



CAGE code:

**COAST INDUSTRIAL SUPPLY CO., INC.**  
SUB OF SPANDCO INDUSTRIES INC.  
15959 PIUMA AVENUE  
CERRITOS, CA 90701-1526



On head of silicon bronze and  
aluminum hex head cap screws



On head of stainless steel, monel,  
brass, naval bronze, chrome alloy,  
hex head cap screws, and the end  
of alloy steel studs.

CAGE code: 9U032

**CODLING TOOL & MFG. INC.**  
665 NE 42ND STREET  
FORT LAUDERDALE, FL 33334



CAGE code: 0P3X2

**COLD HEADING CO., THE**  
21777 HOOVER RD.  
WARREN, MI 48089-2544



CAGE code: 89657

**COLOC MANUFACTURING DIVISION  
INGRAM INDUSTRIES, INC.**

P.O. BOX 249  
CANTON, TX 75103

Plant  
465 VZ CR 2516  
CANTON, TX 75103



CAGE code: 0M6Y0

**COLTEC INDUSTRIES, INC.**  
DBA FAIRBANKS MORSE ENGINE  
701 WHITE AVENUE  
BELOIT, WI 53511



CAGE code: 82796

**COMET MFG. CO., INC.**  
315 JOHN DOWNEY DRIVE  
NEW BRITIAN, CT 06051

61062

CAGE code: 61062

**COMMAND ENTERPRISES**

700 NORTH DELSEA DR.  
PITMAN, NJ 08071  
see CEI INC.

**C. E. I**

CAGE code:

**CONTINENTAL MACHINE PRODUCTS,  
INC.**

11 WALLEY STREET  
EAST BOSTON, MA 02128



CAGE code: 0T1E0

**COMPONENT PRODUCTS CORPORATION**

11623 CYRUS WAY  
MUKILTEO, WA 98275

**6F140**

CAGE code: 6F140

**CONTINENTAL TOOL & MANUFACTURING**

15941 W. 108<sup>th</sup> STREET  
LENEXA, KS 66219

**CTM**

CAGE code: 63003

**COMPUTA-BASE MACHINING, INC.**

411 NORTH GROVE ST  
P.O. BOX 340  
BERLIN, NJ 08009-9704

**CBM**

CAGE code: 0A396

**CONTRACTING CNC MACHINING**

8360 CURRENCY DR.  
UNIT #7  
RIVIERA BEACH, FL 33404

**CCM**

CAGE code: 64M67

**CONNECTICUT AIRCRAFT PRODUCTS**

246 SHAKER ROAD  
ENFIELD, CT 06082-2366



CAGE code: 0KA73

**CONQUEST MACHINE, INC.**

3655 RESEARCH DR.  
GENESIS A STE 106  
LAS CURCES, NM 88003-1239

**CMI**

CAGE code: 0PNX2

**CO-OP SCREW MANUFACTURING CORP.**

60 SINDLE AVE.  
LITTLE FALLS, NJ 07424-1649

**C**

CAGE code: 1FZ52

**COOPER POWER SYSTEMS INC**

MCGRAW EDISON POWER SYSTEMS  
NORTH BURSON STREET  
EAST STROUDSBURG, PA 18301

**M**

CAGE code: 88424

**COPELAND MFG. CORP.**

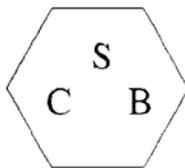
(JAMES DIVISION)  
11222 E. PINE ST.  
TULSA, OK 74116-1613



CAGE code: 0CM67

**COPPER STATE BOLT & NUT CO.**

3602 N 35TH AVE.  
3637 N 34TH AVE.  
PHOENIX, AZ 85017-4408



CAGE code: 0Z0Y2

**CORPUS CHRISTI GASKET & FASTENER LTD.**

341 WEST CHESTER RD.  
P.O. BOX 4074  
CORPUS CHRISTI, TX 78408

**CCG**

CAGE code: 008R2

**CREATIVE PRECISION INC.**

DBA CREATIVE PRECISION WEST  
2640 E. ROSE GARDEN LANE SUITE 6  
PHOENIX, AZ 85050-4612

Plant  
1501 BLUEBALL AVENUE  
LINWOOD, PA 19061  
CAGE code: 0F3N2

**CPI**

CAGE code: 1K0E5

**CRESENT MANUFACTURING CO.**

P.O. BOX 1350  
BUILINGTON, CT 06013-0350

Plant  
700 GEORGE WASHINGTON TPKE  
BUILINGTON, CT 06013-0350



CAGE code: 63020

**CRS PRECISION CORP.**  
640 WEST MERRICK ROAD  
VALLEY STREAM, NY 11580-0482



CAGE code: 07QQ6

**CRUM MFG.**  
1265 WATERVILLE-MONCLOVA RD.  
WATERVILLE, OH 43566



CAGE code: 57ZX3

**CRYSTAL METAL PRODUCTS COMPANY, INC.**

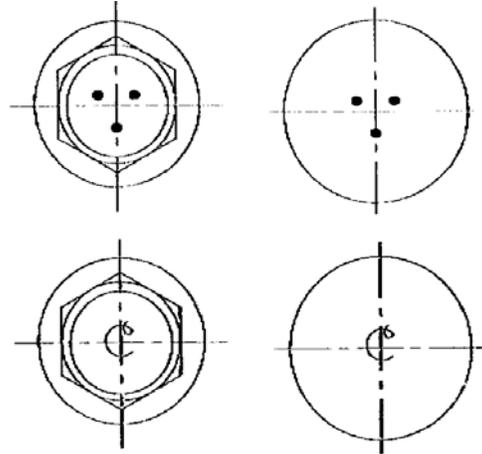
2700 E. CASTOR AVENUE  
PHILADELPHIA, PA 191345



CAGE code: 0BPW8

**CSM FASTENER PRODUCTS**

1133 BRTN MAWR AVE.  
BENSENVILLE, IL 60106



CAGE code: 1CJW4

**CUMMINS AEROSPACE**

DBA YEAGER MANUFACTURING CORP  
2200 E. ORANGETHORPE AVE.  
ANAHEIM, CA 92806



CAGE code: 31788

**CURTIS PRESTON ENTERPRISES INC.**

DBA ATLAS SPECIALTY PRODUCTS  
2299 E WINSTON RD  
ANAHEIM, CA 92806-5538

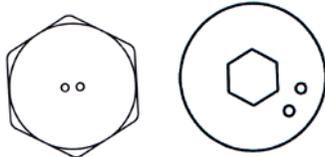


CAGE code: 0TP31

**CUTTING EDGE ENTERPRISE, LLC**

2465 POLE LINE RD.  
DECORAH, IOWA 52101

Plant  
2509 172<sup>ND</sup> AVE.  
DECORAH, IOWA 52101



CAGE code: 52101

**CUTTING EDGE MACHINING INC.**

NEVADA DIV  
1625 LINDA WAY  
SPARKS, NV 89431

See WESTERN SCREW MACHINE  
PRODUCTS, INC.



CAGE code: 0ZV72

**CUTTING EDGE MACHINING SOLUTIONS,  
INC.**

P.O. BOX 248  
75 BASIN RUN ROAD  
DRIFTING, PA 16834



CAGE code: 3EQ16

**CWR MANUFACTURING CO**

DIVISION OF A.J. MUPHY CO., INC.  
P.O. BOX 2669  
SYRACUSE, NY 13220



CAGE code:

**D & D MACHINERY AND SALES**

2420 W. R. LARSON ROAD  
SAN ANTONIO, TX 78261-2200

**1Y128**

CAGE code: 1Y128

**D & D MANUFACTURING**

26199 JEFFERSON AVE.  
MORRIETA, CA 92562



CAGE code: NONE 1/

**D & D TOOL COMPANY, INC.**

LEWIS STREET & MAPLE AVENUE  
EATONTOWN, NJ 07724

**D & D**

CAGE code: 30077

**D & R MACHINE COMPANY**  
2310 BIG OAK ROAD  
LANGHORNE, PA 19047-1910

**4T853**

CAGE code: 4T853

**D. C. MACHINING INC.**  
1900 9TH AVE., SW  
WATERTOWN, SD 57201

**DC**

CAGE code: 0AUC7

**D.S.O. PLASTICS, INC.**  
1220 ROCK ST.  
ROCKFORD, IL 61101

**Z**

CAGE code:

**DACK INDUSTRIES, INC.**  
P.O. BOX 427  
FARMINGTON , CT 06034 - 0427

**d**

CAGE code: 0CZ42

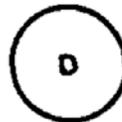
**DANIEL CO., EDWARD W.**  
11700 HARVARD AVENUE  
CLEVELAND, OH 441053



CAGE code: 73634

**DAN-LOC BOLT & GASKET INC.**  
FORMALLY  
*DANIEL INDUSTRIES, INC.*  
Bolt & Gasket Division  
P.O. BOX 292  
HOUSTON, TX 77001-0292

Plant  
725 North Drennan  
Houston, TX 77003



**STUDS**



**HEX NUTS**

CAGE code:

**DARCO PRODUCTS**

8406 WASHINGTON PL NE  
ALBUQUERQUE, NM 87113-1671

D P

CAGE code: 1DL79

**DAVE ALLEN ENTERPRISES**

10631 BLOOMFIELD AVENUE  
UNIT 15  
LOS ALAMITOS, CA 90720

D A E

CAGE code: 1NWX4

**DAVIES PRECISION MACHINING, INC.**

2400 COLEBROOK RD.  
LEBANON, PA 17042-9562

D P M

CAGE code: 7V760

**DAVIS AIRCRAFT PRODUCT CO., INC.**

1150 WALNUT AVENUE  
BOHEMIA, NY 11716-6216



CAGE code: 98313

**DAYMAK SU DEPOSU IMALAT MAKINA  
INSAAT TAAHHUT TURIZM GIDA VE DIS  
TIC. LTD. STI.**

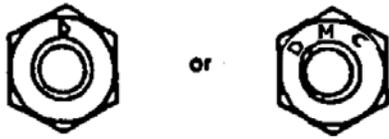
IVEDIK OSB 1468.CAD, 163/71  
YENIMAHALLE/ANKARA, TURKEY



CAGE code: TD847

**DECKER MANUFACTURING CORP**

703 NORTH CLARK STREET  
P.O. BOX 410  
ALBION, MI 49224-1455



HEX WHEEL NUTS  
(DEPRESSED "D" or "MDC")



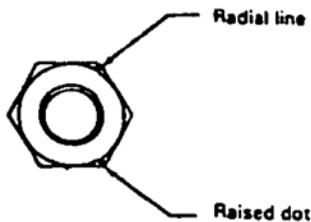
AMERICAN STANDARD  
SQUARE, HEX, AND ROUND WELD NUT  
(SMALL RAISED DOR ON CHAMFER)



METRIC  
SQUARE, HEX, AND ROUND WELD NUTS  
(DEPRESSED LETTER "D" AND CLASS NO.)



A-563  
STRUCTURAL NUTS  
(DEPRESSED "D" OR "DMC")

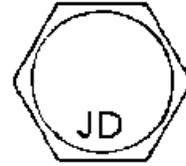


GRADE 5  
NEX NUTS  
(ONE RAISED RADIAL LIVE 120°  
COUNTERCLOCKWISE FROM ONE  
RAISED DOT ON CHAMFER)

CAGE code: 12876

**DEERE & CO.**

JOHN DEERE PLACE  
MOLINE, IL 61265



CAGE code: 75160

**DEFENSE AEROSPACE**

*MFG OF DEFENSE AEROSPACE  
THREADED MACHINE PARTS*  
10841 NOEL ST. #104  
LOS ALAMITOS, CA 90720-2527

**DAS  
1**

CAGE code: 1W4A6

**DEFENSE QUALITY MFG.**

40 SACCO RD.  
ROYERSFORD, PA 19468-1030



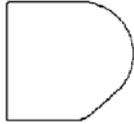
DQ

CAGE code: 0B6M7

**DEFIANCE STAMPING COMPANY, THE**

P.O. BOX 506  
DEFIANCE, OHIO 43512-2743

PLANT  
1090 PERRY ST  
DEFIANCE, OHIO 43512-2743



CAGE code: 6B357

**DELTA MACHINE & TOOL CO., INC.**

PARKMOUNT ROAD  
P.O. BOX 351  
GLEN RIDDLE, PA 19037



CAGE code:

**DEHOUSSE (USINES)**

64007 PAU  
FRANCE



CAGE code: BP714

**DEL-VAL FASTENER MANUFACTURING**

P.O. BOX 2901  
21-D INDUSTRIAL DRIVE  
WARMINSTER, PA 18974



CAGE code: 1EE10

**DELL MFG. CO., INC.**

4 RIGHT LANE  
FARMINGTON, CT 06032-3195



CAGE code: 5A628

**DEMAT**

BD DU GRAND CASTAING ZI  
BD DU GRD CASTING  
ROQUES, FRANCE 31120

NO LONGER IN BUSINESS

see MECAERO PRODUCTS



**DELT INDUSTRIES, INC.**

AEROSPACE PRODUCTS DIVISION  
90 WEST EASY STREET, STE 2  
P.O. BOX 940067  
SIMI VALLEY, CA 93065-6206



CAGE code: 064T2

CAGE code: F7411

**DEPENDABLE MACHINE CO., INC.**

1846 E 30TH ST  
INDIANAPOLIS, IN 46218-2607



CAGE code: 14554

**DERBYSHIRE MACHINE & TOOL CO.**

DBA DERBYSHIRE MARINE PRODUCTS  
5100 BELFIELD AVENUE  
PHILADELPHIA, PA 19144-1788



CAGE code: 71905

**DETROIT HEADING CO.**

6421 LYNCH RD.  
DETROIT, MI 48234-4140



CAGE code: 0TUA2

**DEUTSCH FASTENER CORPORATION**

3969 PARAMOUNT BLVD.  
LAKEWOOD, CA 90712-4193

NO LONGER IN BUSINESS

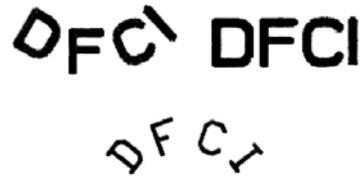
see HUCK INTERNATIONAL INC.



CAGE code: 97928

**DFCI SOLUTIONS, INC.**

425 UNION BLVD.  
WEST ISLIP, NY 11795-3183



CAGE code: 72794

**DHL ENTERPRISES**

1260 E. WOODLAND AVENUE #46  
P. O. BOX 295  
MORTON, PA 19070



CAGE code: 0UGD5

**DIAL SUPPLY AND MFG., INC.**

1315 FM 1187  
#106  
MANSFIELD, TX 76063



CAGE code: 9N473

**DIESEL PARTS COMPANY OF CALIFORNIA**

1900 EAST 12TH STREET  
OAKLAND, CA 94606-4821



CAGE code: 24378

**DIHARD COMPANY**  
3161 MAJOR STREET  
FORT WORTH, TX 76112 - 7020

**D**

CAGE code: 0F1U4

**DILLON AERO, INC.**  
8009 E. DILLONS WAY  
SCOTTSDALE, AZ 85260

**DA**

CAGE code: 1PN61

**DISC-LOCK INTERNATIONAL**  
1924 S PACIFIC COAST HWY SUITE F  
REDONDO BEACH, CA 90277

**DL**

CAGE code: 72731

**DIVERSIFIED FASTENING SYSTEMS, INC.**  
P.O. BOX 339  
CHARLES CITY, IA 50616

Plant  
501 RICHINGS STREET  
CHARLES CITY, IA 50616

**D**

CAGE CODE: 0S311

**DIXON MACHINE & TOOL**  
DBA DIXON MACH AND FABRICATION  
6807 CHAPMAN HWY.  
KNOXVILLE, TN 37920-6560

see TROY D. RAY

**DMT**

CAGE code: 1DEP3

**DO MANUFACTURING CORP.**  
P.O. BOX 2382  
114 BROOKLYN ST  
ROCKVILLE, CT 06066

*PLANT*  
114 RROOKLYN ST.  
ROCKVILLE, CT 06066

**D**

CAGE code: 1H312

**DO-ALL PRECISION, INC.**  
9 UNION AVENUE  
MOUNT VERNON, NY 10550

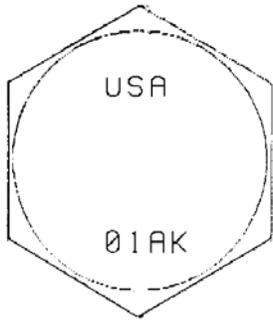


CAGE code:

**DOMESTIC FASTENER & FORGE, INC.**

P.O. BOX 14642  
LENEXA, KS 66285

Plant  
15850 W. 108<sup>TH</sup> STREET  
LENEXA, KS 66219



CAGE code: 09ML9

**DOMESTIC FORGING, INC.**

P.O. BOX 693  
NEW HAVEN, MI 48048



CAGE code:

**DONSON MACHINE**

ALSIP MACHING GROUP  
12416 S. KEDVALE AVENUE  
ALSIP, IL 60803-1819

**DMC**

CAGE code: 0BHD5

**DOUBLECO INCORPORATED**

DBA R & D FASTENERS  
9444 9TH STREET  
RANCHO CUCAMONGA, CA 91730



CAGE code: 1UKP3

**DOUGLASS TOOL & ENGINEERING CO.,  
INC.**

304 EAST DYER ROAD  
SANTA ANA, CA 92707

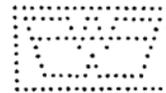
**DTE**

Marking to be indented

CAGE code:

**DRESSER INDUSTRIES, INC.**

DRESSER PUMP DIVISION  
142 CLINTON ROAD  
FAIRFIELD, NJ 07004



CAGE code: 0LNV2

**D'SAMIC**

1261 HOBLITT AVE # 206  
CLOVIE, CA 93612-2811

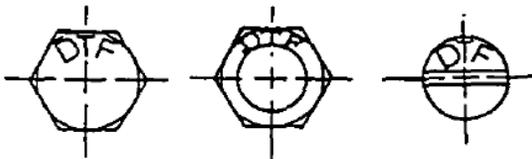


CAGE code:

**DTF MANUFACTURING, INC.**

DIV OF FEDERAL SCREW AND SUPPLY  
CO

P. O. BOX 329  
146 ALBANY AVE.  
LINDENHURST, NY 11757



Standard: DTF  
Large Dia: DTF  
DTF  
Micro Dia: d

CAGE code: 0H802

**DUFFY ELECTRONICS & MFG. CO.**

50 BARNES PARK RD  
WALLINGFORD, CT 06492



CAGE code:

**DUNCAN ELECTRONICS & MFG. CO.**

701 SEVENTH AVE.  
BELMAR, NJ 07719



CAGE code:

**DUNHAM PRODUCTS, INC.**

7400 NORTHFIELD RD.  
WALTON HILLS, OH 44146



CAGE code: 1B4S0

**DUPONT, G.B. CO., INC.**

see G.B. DUPONT CO., INC  
500 WEST LONG LAKE ROAD  
TROY, MI 48098-4540



CAGE code: 1DWW1

**DUSEVOIR METAL PRODUCTS, INC.**

1751 S TELEGRAPH RD  
P.O. BOX 2158  
DEARBORN, MI 41823



CAGE code: 97233

**DUVE GmbH & CO. KG**

P.O. BOX 1240  
NEUENRADE, GERMANY D-5982

**D** - All hexagon head screws and bolts made of high tensile steel grade 8.8 up to 12.8, and sealing fasteners made of case-hardened carbon steel

**DX** - Hexagon head sealing fasteners made of stainless steel

**DUVEX** - Hexagon head screws and bolts made of stainless steel (A2 + A4)

**DUVE** - DUVE DRIL-KWICK Self-Drilling Fastener (Screws)

**DUVE**

CAGE code:

**DYNACAST**

INDUSTRIAL FASTENERS DIVISION  
1401 FRONT STREET  
YORKTOWN HEIGHTS, NY 10598



CAGE code:

**DYNAMIC ENGINEERING**

720 11TH AVE., S.E.  
P.O. BOX 697  
WATERTOWN, SD 57201-0697



CAGE code: 9U252

**DYSON CORP THE**

formerly (JOS. DYSON & SONS, INC.)  
53 FREEDOM RD  
PLAINSVILLE, OH 44077-1232



CAGE code: 22132

**DZUS FASTENER CO., INC.**

see DFCI SOLUTIONS, INC.  
425 UNION BLVD  
WEST ISLIP, NY 11795

**DZUS**

**DZUS**

CAGE code: 3L478  
cancelled- replaced by 72794

**E. KOZAK PRECISION PRODUCTS CO.**  
45 WOODLAND AVE.  
ROCKAWAY, NJ 07866

**KPP**

CAGE code: ICP43

**E.L.R. MACHINE AND TOOL**  
48 A VINCENT CIRCLE  
IVYLAND, PA 18974



CAGE code:

**EAGAN MACHINE CORP.**  
135 CENTER STREET  
BRISTOL, CT 06010



CAGE code:

**EAGLE PICHER INDUSTRIES**  
(PRECISION PRODUCTS PLANT)  
1927 W 4TH ST  
P.O. BOX 1444  
JOPLIN, MO 64801-3



CAGE code: 9L734

**EAGLEHEAD MANUFACTURING COMPANY**  
DBA DEJAK MACHINE TOOL COMPANY  
DIV DEJAK DRILLING  
23555 EUCLID AVE  
EUCLID, OH 44117-1703

Alphanumeric Designation

**01NU**

CAGE code: 1GVE5

**EAST BAY MANUFACTURERS INC.**  
P.O. BOX 436  
BRISTOL, RI 02809

Plant  
400 FRANKLIN STREET  
BRISTOL, RI 02809



CAGE code: 5BE51

**EAST COAST METALS INC.**  
171 RUTH ROAD  
HARLEYSVILLE, PA 19438



CAGE code: 4W058

**EASTERN SCREW CO., INC.**

15 AMFLEX DRIVE  
CRANSTON, RI 02921-2028

Plant  
71 MILL STREET JOHNSON,  
CRANSTON, RI 02921-2028



CAGE code: 2L684

**EASTWOOD MFG., CO.**

P.O. BOX 231102  
6825 BREEN RD  
HOUSTON, TX 77086-3719

Plant  
52 Lawndale  
Houston, TX 77023



CAGE code: 77903

**EATON AEROQUIP CORPORATION**

AEROSPACE DIVISION  
300 S. EAST AVE.  
JACKSON, MICHIGAN 49203-1972



CAGE code: 00624

**EBC INDUSTRIES**

(FORMERLY ERIE BOLT CORP.)  
1325 LIBERTY STREET  
ERIE, PA 16502-1641



CAGE code: 5G920

**EBERHARD BRUNINGHAUS**

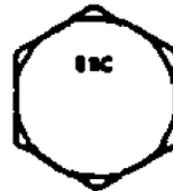
POSTFAUCH 12 06 1M DUDA2  
NEUENRADE, FEDERAL REPUBLIC OF  
GERMANY D 5982



CAGE code:

**ECENARRO S. COOP. LTDA.**

c/ AMILLAGA, 15.  
BERGARA - GUIP'UZOCA,  
SPAIN 20500



CAGE code:

**EDS ORDNANCE**

644 C ANCHORS ST.  
FT. WALTON BEACH, FL 32548



CAGE code: 1CA31

**ELASTIC STOP NUT**

DIVISION OF HARVARD INDUSTRIES, INC.

See MACLEAN-ESNA

Plant  
2330 Vauxhall Road  
Union, NJ 07083

2<sup>nd</sup> Plant  
3200 Country Club Road  
P.O. Box 988  
Pocahontas, AR 72455

**E, EN, or ESNA** Red nylon insert in locknuts

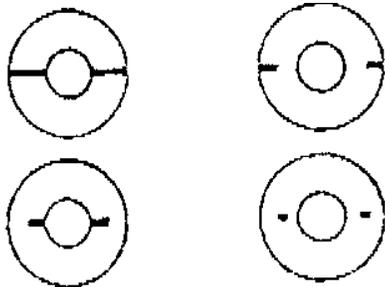
Red nylon insert in locknuts identifies Esna as manufacturer



CAGE code:

**ELCO INDUSTRIES, INC.**

1111 SAMUELSON RD  
ROCKFORD, IL 61101



Underside of screw head



CAGE code: 83486

**ELECTRO-FREETO MANUFACTURING COMPANY**

37 POPE ROAD  
HOLLISTON, MA 01746-2218

**JF**

CAGE code: 17401

**ELEIT TECHNOLOGY, INC.**

201 TRIANA BLVD.  
HUNTSVILLE, AL 38505

Plant  
31291 Highway 35  
Woodville, AL 35776

**ETI**

CAGE code: 1DET1

**ELGIN FASTENER GROUP LLC**

4 SOUTH PARK AVE.  
SUITE 203, BOX 5  
BATESVILLE, IN 47006



Plants (see listing separately)

**CHANDLER PRODUCTS**

1491 CHARDON RD.  
CLEVELAND, OH 44117  
CAGE code: 83386

**QUALITY BOLT & SCREW**

10147 BRECKSVILLE RD.  
BRECKSVILLE, OH 44141  
CAGE code: 0BCN3

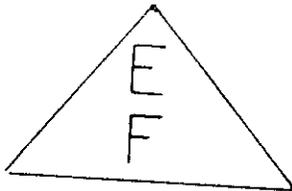
**TELEFAST INDUSTRIES**

777 W. BAGLEY RD.  
BEREA, OH 44017  
CAGE code: 3CW33

CAGE code: SEE ABOVE

**ELITE FASTENERS**

6400 DALE STREET  
BUENA PARK, CA 90621



CAGE code: 0T3D2

**ELLIS PRECISION INDUSTRIES**

DBA E P IND.  
3133 RAMONA DR  
FORT WORTH, TX 76116-5122

e



CAGE code: 9Z199

**EMERALD VALLEY MFG**

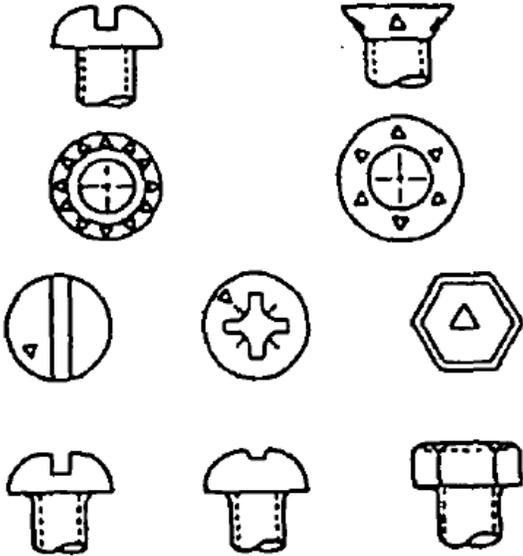
3825 W. 11TH AVE  
SUITE B  
EUGENE, OR 97402

**DTE**

CAGE code: 4Y352

**EMHART CORP.**

PARKER-KALON DIVISION  
395 ROBERTS ROAD  
CAMPBELLSVILLE, KY 42718



"TRIANGLE" MARKING

GRIPCO FASTENER DIVISION  
111 EAST BROAD STREET  
SOUTH WHITLEY, IN 46787



GH raised or indented on  
flange or bearing surface

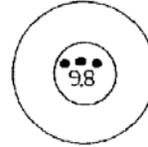
GH raised on head, both  
inch and metric series e

GH raised or indented on  
flange or bearing surface

CAGE code: 73020

**EMP MANUFACTURING CO.**

40935 PRODUCTION DR  
HARRISON TOWNSHIP, MI 48045-1351



CAGE code: 4G973

**EMPIRE PRECISION MACHINING**

108 W. HOLLOWAY DR.  
HURST, TX 76053-6807



CAGE code: 5V179

**ENDURALOCK, LLC**

8575 WEST 110<sup>TH</sup> STREET, SUITE 205  
OVERLAND PARK, KS 66210



CAGE: 7QJV4

**ENGEL MANUFACTURING COMPANY,  
INC., THE**

304 W. EWING AVENUE  
SOUTH BEND, IN 46613-2108



CAGE code: 0XYS0

**ENGINEERED BOLTING PRODUCTS, INC.**

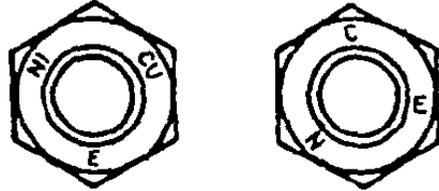
P.O. BOX 7067  
301 MONTGOMERY ST  
SHREVEPORT, LA 71137

Plant  
301 Montgomery St.  
Shreveport. LA 71107

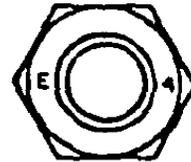
**EBP**

CAGE code: 0K4X1

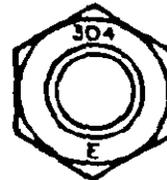
**ENGINEERING MATERIALS CO., INC.**  
FASTENER MANUFACTURING DIVISION  
2055 WEST COWLES STREET  
LONG BEACH, CA 90813-1087



Mfr. Symbol/Logo embossed or intent marked.  
Letter "E" as shown on nut crown spaced 120  
degrees from material symbol marking.



Mfr. Symbol/Logo letter "E" as shown,  
opposite material symbol marking code on nut  
crown at corners.



Mfr. Symbol/Logo letter "E", as shown on nut  
crown, 180 degrees opposite material symbol  
marking.



Mfr. Symbol/Logo letter "E" marked opposite  
material symbol code marking on nut crown at  
one corner location.

CAGE code: 19968  
(Continued)

(Continued)

ENGINEERING MATERIALS CO., INC.



Mfr. Symbol/Logo letter "E" marked opposite material symbol code marking on nut crown at one corner location.



Mfr. Symbol/Logo letter "E" marked on crown, 180 degrees opposite thread designation letter.



Mfr. Symbol/Logo letter "E" indent marked above material symbol.



Mfr. Symbol/Logo letter "E" as shown marked above material symbol marking on stud or rod end.

CAGE code: 19968

**ENGLE MANUFACTURING COMPANY, INC., THE**

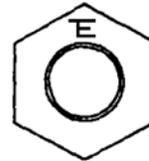
304 W. ERVING AVE.  
SOUTH BEND, IN 46613

**EM  
F593  
T**

CAGE code: 0XYS0

**ENOMOTO INDUSTRIES CO., LTD.**

3-26 TAKASAGO, TAKAISHI-SHI,  
OSAKA, 592  
JAPAN



CAGE code: S0132

**ENVISION TECH, INC.**

4404 S. 40<sup>TH</sup> TERRACE  
ST. JOSEPH, MO 64503

**ETI**

CAGE code: 056X3

**ERICO FASTENING SYSTEMS**

301 NEW ALBANY ROAD  
MOORESTOWN, NJ 08057



CAGE code: 84483

**ERIE BOLT CORP.**  
1325 LIBERTY STREET  
ERIE, PA 16502

see EBC INDUSTRIES

**ERIE E**

CAGE code: 5G920

**ESCO PRECISION, INC.**  
71 OLD CAMPLAIN RD.  
HILLSBOROUGH, NJ 08844

**EPI**

CAGE code: 1YRR0

**ESMET, INC.**

DBA ELECTROLINE TTUFLOC  
1406 5TH ST., S.W.  
CANTON, OH 44702-2062  
CAGE code: 79931

SUB OF UNIMET CORP  
1406 5TH ST., S.W.  
CANTON, OH 44702-2062  
CAGE code: 0EA31



CAGE code: 79931, 0EA31

**ESNA (MACLEAN-FOGG COMPANY)**

611 COUNTRY CLUB ROAD  
POCAHONTAS, AR 72455-8803

**E, EN, or ESNA** Red nylon insert in locknuts

Red nylon insert in locknuts identifies Esna as  
manufacturer



CAGE code: 019L2

**ESP MANUFACTURING CO., INC.**

2331 E. INTERSTATE 20  
P O BOX 871  
ODESSA, TX 79766-8827

**EΣΠ**

CAGE code: 7J504

**ESSENTIAL MACHINING**

354 HERBERTSVILLE ROAD  
BRICK, NJ 08724-1735



CAGE code: 0TR19

**ESTA PRODUCTS COMPANY**

16 MISSOURI DRIVE  
WARWICK, RI 02886-8117

**ESTA**

CAGE code: 8R230

**EVERLOCK FASTENING SYSTEMS**

EVERLOCK DETROIT DIVISION  
6567 SOUTH STERLING DRIVE  
STERLING HEIGHTS, MI 48077

Microlock



Prevailing torque surface

Hi-Hex Microlock



Flange Hi-Hex Microlock



Prevailing torque surface

Flange Toplock



Flange Nut



Nut and Washer Assembly



Standard Hex Nut



CAGE code:  
(Continued)

**EVERLOCK FASTENING SYSTEMS**

(Continued)

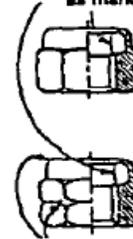
**GREER STOP NUT**

(Greer-Smyrna Division)  
481 McNALLY DRIVE  
NASHVILLE, TN 37211

6 equally spaced stakes identifies Grade B



Green nylon insert identifies Greer-Smyrna as manufacturer



6 equally spaced stakes plug notch in corner of hex identifies Grade C

**NYLON INSERT**



Grade B

Grade markings per IFI Standard 100 (one or two small notches cut circumferentially into each of the six corners at about mid-height)



Grade C

**CONELOCK INCH MARKINGS**

Green nylon insert identifies Greer-Smyrna as manufacturer per IFI 514



Property Class 5, 9 and 10 markings per IFI 514 located on bearing surface and/or hex flats



**NYLON INSERT**

Manufacturer's I.D. - letter "G" stamped on one hex flat or on bearing surface



**CONELOCK - BEARING SURFACE**

Class 5

METRIC MARKINGS

Class 10

Class 9

CAGE code: 27687  
(Continued)

(Continued)

EVERLOCK FASTENING SYSTEMS

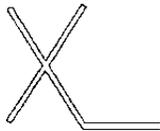
INTERNATIONAL SCREW DIVISION  
50631 EAST RUSSEL SCHMIDT BOULEVARD  
MOUNT CLEMENS, MI 48045



CAGE code:

**EXCEL PRECISION PRODUCT'S, INC.**

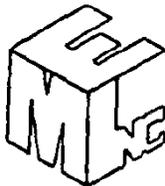
2207 NW 30TH PL.  
POMPANO BEACH, FL 33069-1026



CAGE code: 1H4K6

**EXPERIMENTAL MACHINE CO.**

1412 SHOEMAKER RD.  
BALTIMORE, MD 21209



CAGE code: 0NAP8

**EXTREME BOLT & FASTENER, LLC**

280 E. MAIN STREET, SUITE 107  
NEWARK, DE 19711



CAGE code: 73AB2

**FABER ENTERPRISES, INC.**

6606 VARIEL AVE.  
CANOGA PARK, CA 91303-2808



CAGE code: 14397

**FABRICATION SPECIALTY INC.**

6530 SMOKY HILL CT.  
GRANBURY, TX 76049-7042



CAGE code: 28548

**FABSCO CORP.**

1745 W. 124TH ST.  
CHICAGO, IL 60643-5345



CAGE code: 4S619

**FAILING CO., GEORGE E.**

P.O.BOX 872  
ENID, OK 73702



CAGE code:

**FARIAS INDUSTRIAL MACHINING**

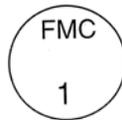
504 BRUNKEN AVENUE, STE L  
SALINAS, CA 93901

(No artwork for marking. Marks whatever the customer specifies.)

CAGE code: 3KWY7

**FALCON MANUFACTURING CORP.**

10409-B OLD ATLANTA HWY.  
COVINGTON, GA 30014-0887



CAGE code: 0HM72

**FARLO MACHINE & TOOL CO., INC**

340 CONSTANCE DR  
BLDG # 7  
WARMINSTER, PA 18974-2815



CAGE code: 7S305

**FALL RIVER MANUFACTURING CO., INC.**

540 CURRANT ROAD  
FALL RIVER, MA 02720-4711



CAGE code: 1JWL5

**FANG SHENG SCREW CO., LTD.**

#113 LANE 96 MINCHAUN ROAD  
LU CHU HSIANG, KAOHSIUNG HSIEN,  
821, TAIWAN



CAGE code: SJ544

**(FASSCO) FASTENER & STEEL SUPPLY  
CO., LTD.**

QUALITY ASSURANCE DEPT.  
P.O. BOX 236  
HATFIELD, PA 19440

Plant  
2294 NORTH ROAD  
HATFIELD, PA 19440



Latest marking used  
on fasteners after  
August 1, 1988



Previous marking  
used on fasteners

CAGE code:

**FASTCO INDUSTRIES, INC.**

P.O. BOX 141427  
GRAND RAPIDS, MI 49514-1427

Plant  
2685 MULLINS NW  
GRAND RAPIDS, MI 49534

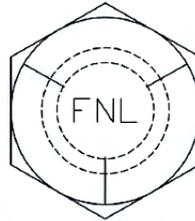


CAGE code: 56NH8

**FASTENAL COMPANY**

2001 THEURER BLVD.  
WINONA, MN 55987-1500

Plant  
FASTENAL COMPANY MFG DIV  
1801 THEURER BLVD.  
WINONA, MN 55987-1500  
CAGE code: 1QNZ3



CAGE code: 0Y3H3

**FASTENER BROKERAGE INC**

DBA INOFAST MANUFACTURING INC.  
SUITE R 2880 BERGEY RD  
HATFIELD, PA 19440 - 3241

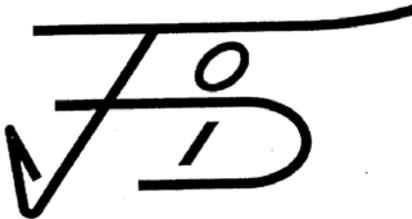


CAGE code: 2T359

**FASTENER DIMENSIONS, INC.**

94-03 104<sup>TH</sup> STREET  
OZONE PARK, NY 11416

Plant  
616 Atkins Avenue  
Brooklyn, NY 11208



**FDI**

CAGE code: 7C3A5

**FASTENER INNOVATION TECHNOLOGY, INC.**

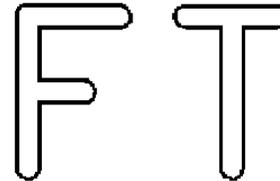
DBA F.I.T.  
14601 S. BROADWAY STREET  
GARDENA, CA 90248-1811

**FIT**

CAGE code: 58998

**FASTENER TECHNOLOGY CORP.**

7415 FULTON AVE  
NORTH HOLLYWOOD, CA 91605-5411



CAGE code: 58794

**FASTENING PRODUCTS CO., INC.**

P.O. BOX 261  
CLIFTON HIGHTS, PA 19018-0334

Plant  
3 MERION TERRACE  
CLIFTON HEIGHTS, PA 19018-0334



CAGE code: 6M389

**FASTENERS UNLIMITED INC.**

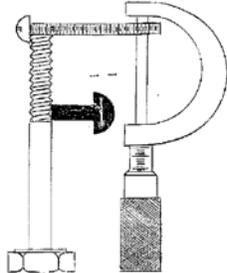
2150 WOODLAND ROAD  
WARRENDALE, PA 15086

**FUN**

CAGE code: 47346

**FASTENING PRODUCTS OF LANCASTER, INC.**

1980 OLD PHILADELPHIA PIKE  
LANCASTER, PA 17602-3498



CAGE code: 4M097

**FASTENRATH BEFESTIGUNGSTECHNIK GmbH**

HERSCHEIDER STRABE 105  
POSTFASH 51 42  
58840 PLETTENBERG, HOLTAUSEN  
FEDERAL REPUBLIC OF GERMANY

**F**

CAGE code:

**FASTI-WERK CARL AUG. FASTENRATH GMBH & CO.KG**

INDUSTRIEGEBIET ELBRINGHAUSEN  
P.O. BOX 1250  
WERMELSKIRCHEM, GERMANY 42929

**F**

CAGE code: D9500

**FASTRON COMPANY, THE**

11800 FRANKLIN AVENUE  
FRANKLIN PARK, IL 60131-1006

**F**

CAGE code: 24929

**FEDERAL EQUIPMENT COMPANY**

707 CARR ST  
CINCINNATI, OH 45203-1211

F E C

6 0 5 8 7

CAGE code: 60587

**FEDERAL MANUFACTURING CORP.**

9825 DE SOTO AVENUE  
CHATSWORTH, CA 91311-1441

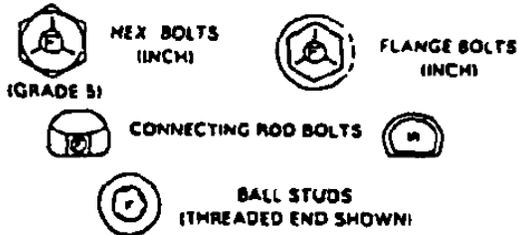
F M C

CAGE code: 17943

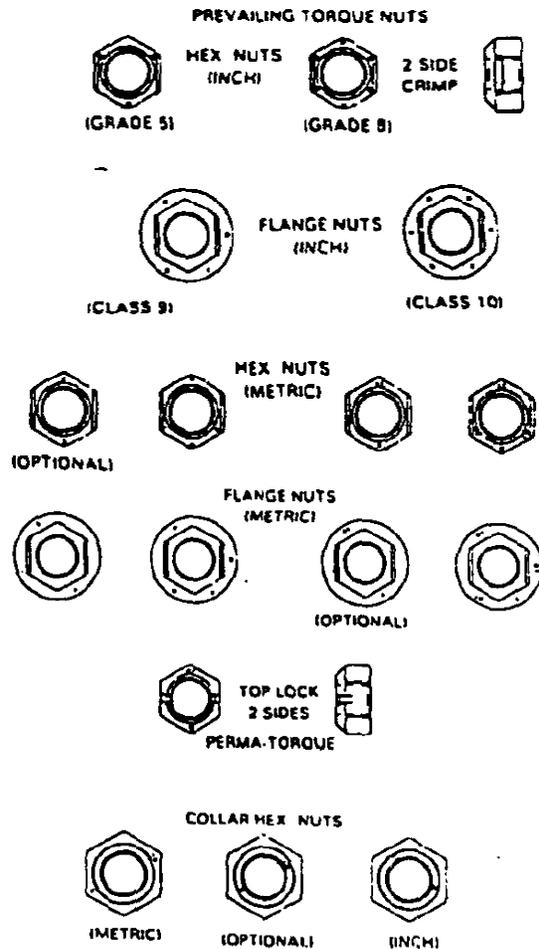
**FEDERAL SCREW WORKS**

2400 BUHL BUILDING  
DETROIT, MI 48226

BIG RAPIDS DIVISION  
400 NORTH DEKRAFT  
BIG RAPIDS, MI 49307



ROMULUS DIVISION  
34846 GODDARD ROAD  
ROMULUS, MI 48174-3400



CAGE code: 21957

**FENBAR PRECISION MACHINISTS, INC**

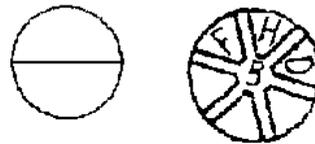
633 COMMERCE STREET  
THORNWOOD, NY 10594-1348



CAGE code: IP472

**FENTON HEADING**

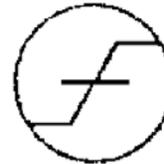
2480 OWEN RD.  
FENTON, MI 48430



CAGE code:

**FERNDAL FASTENER**

31600 STEPHENSON HIGHWAY  
MADISON HEIGHTS, MI 48071



CAGE code:

**FERRIERE DI STABIO, S.A.**

VIA LAVEGGIO 6/A  
CH-6855 STABIO  
SWITZERLAND



CAGE code:

**FERRY CAP & SET SCREW CO., THE**

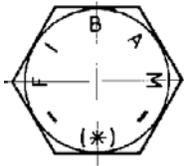
2151 SCRANTON RD.  
CLEVELAND, OH 44113-3578

FC· F-C  
BPG

CAGE code: 84513

**FIBAM COMPANHIA INDUSTRIAL**

SAO BERNARDO DO CAMPO  
P.O. BOX 360  
SAO PAULO, BRAZIL C.E.P.0  
09701.907



CAGE code:

**FILETAGE INTERNATIONAL  
(INTERNATIONAL THREAD INC.)**

2225 RUE MICHLIN  
LAVAL, QUE, CANADA H7L9Z7



CAGE code:

**FIRST AMERICAN SALES CO.**

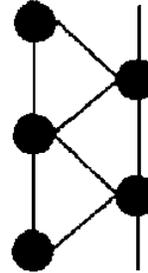
2706 ST. LOUIS AVE.  
LONG BEACH, CA 90806-2026

1st

CAGE code: 58251

**FISCHER SPECIAL MFG. CO.**

11 INDUSTRIAL RD.  
COLD SPRING, KY 41076-9796



CAGE code: 73743

**FITZ MANUFACTURING INDUSTRIES LTD**

DBA FMI  
6625 IRON HORSE BLVD.  
NORTH RICHLAND HILL, TX 76180

05DT8

FTZ



CAGE code: 05DT8

**FLAIG & HOMMEL**

HEERSTRASSE 1  
ALDINGEN, GERMANY 78554

**FS**

Company logo to be stamped and used on all steel reusable FLAG & HOMMEL lock nuts.

**FH**

Company logo to be stamped on all none reusable (standard) nuts.

CAGE code: C3816

**FLEXALLOY INC.**

26000 RICHMOND ROAD  
BEDFORD, OH 44146



GRADE 5  
HEX HEAD  
CAP SCREW



GRADE 8  
HEX HEAD  
CAP SCREW



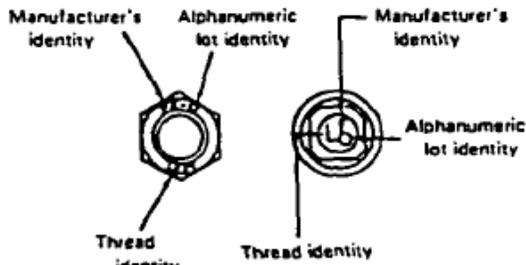
FX-180 HEX HEAD  
CAP SCREW  
(180,000 PSI  
MINIMUM TENSILE  
STRENGTH)



FX-180 HEX NUT  
PROOF LOAD =  
180,000 PSI



METRIC CAP SCREW,  
PROPERTY CLASS 10.9



Outer Cap Wheel Nut      Inner Cap Wheel Nut

**WHEEL NUTS**



HEX FLANGE SCREW GRADE 8

CAGE code: 0C9A2

**FLIP PERILLO FASTENERS, INC.**

624 E. RANCHO VISTA BLVD.  
PALMDALE, CA 93550



CAGE code: 6R9N7

**FLORES ENTERPRISES**

1729 E. 28TH STREET  
SIGNAL HILL, CA 0806-1923



CAGE code: 0V616

**FLUIDONICS INC.**

205 W INDUSTRY CT  
P. O. BOX 9020  
DEER PARK, NY 11729



CAGE code: 58525

**FLUIDYNE CORPORATION**

9100 COLLINS AVE.  
PENNSAUKEN, NJ 08110



CAGE code: 9Y957

**FMW, INC.**

7016 PUEBLO  
WICHITA, KS 67209



CAGE CODE: 1QJK4

**FOCUS HOPE**

1355 OAKMAN  
DETROIT MICHIGAN 48238

**FH**

CAGE code: 00P13

**FOCUS HOPE**

1400 OAKMAN  
DETROIT, MI 48238

**FH**

CAGE code 6KWK9

**FOLSOM TOOL & MOLD CORP.**

# 12 MOUNT PLEASANT DR.  
ASTON, PA 19014-4140



CAGE code: 6P049

**FONTAL CONTROLS, INC.**

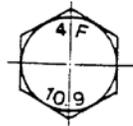
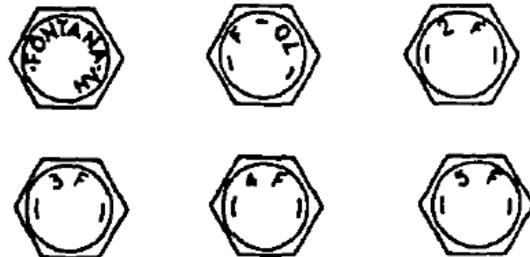
12725 ENCINITAS AVENUE  
SYLMAR, CA 91342-3517



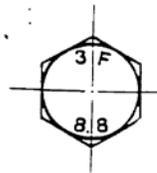
CAGE code: 0GNC3

**FONTANA S.A.**

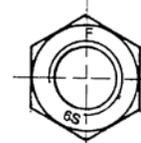
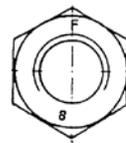
FONTANA LUIGI SPA  
VIA PIAVE 29  
VEDUGGIO MILANO,  
ITALY 20050



Bolts and screws  
Hexagon Head  
Strength Grade 10.9  
Iso Metric Thread



Bolts and screws  
Hexagon Head  
Strength Grade 8.8  
Iso Metric Thread



Nut  
Strength Class 8  
Iso Metric Thread

CAGE code: A4733

**FOREMOST PRECISION INSTRUMENT  
CORP.**

31 CARLETON AVE  
MT VERNON, NY 10550-4617

FPIC

CAGE code: 33464

**FOREST FASTENERS**

TREFOREST INDUSTRIAL ESTATE  
PONTYPRIDD, MID. GLAMORGAN,  
SOUTH WALES, UNITED KINGDOM  
CF37 5YG



CAGE code:

**FORMED FASTENER MANUFACTURING,  
INC.**

7247 S. 78TH AVE  
BRIDGEVIEW, IL 60455



CAGE code:

**FPA MANUFACTURING**

DBA FPA MANUFACTURING AND SUPPLY  
6733 S SEPULVEDA BLVD STE 245  
LOS ANGELES, CA 90045-1525

FPA

CAGE code: 0J6Z1

**FRANROE PRECISION MACHINE  
COMPANY**

12 CHAMPION RD  
GLOUCESTER CITY, NJ 08030

F.R.

F.R.P

CAGE code: 40650

**FREEHOLD MANUFACTURING ASSEMBLY  
CO., INC.**

86 BIRCH AVENUE  
PO BOX 269  
LITTLE SILVER, NJ 07739

FM

CAGE code: 2S308

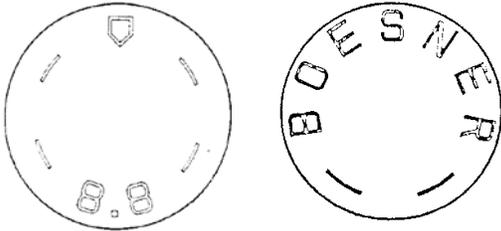
**FREEMAN CO.**

P. O. BOX 57  
719 WALNUT ST  
YANKTON, SD 57078

F

CAGE code: 84596

**FRIEDR BOESNER GMBH**  
AUGUSTHENALER STRASSE  
5450 NEUWIED 13  
GERMANY



CAGE code:

**FRISBY AEROSPACE INC DE**  
DIV TRIUMPH ACTUATION SYSTEMS -  
CLEMMONS  
417 S.MAIN ST.  
FREEPORT, NY 11520-5144

was FRISBY AIRBORNE HYDROLICS, INC

**FAH**

CAGE code: 26437

**FRONTIER BOLT COMPANY OF TEXAS**  
555 AIRPORT DRIVE  
MANSFIELD, TX 76063-2715



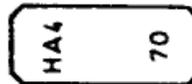
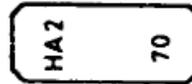
CAGE code: 1CE65

**FUCHS SCHRAUBENWERK GmbH**  
BISMARCKSTRASSE 24  
5900 SIEGEN  
GERMANY D-57076

*Hex head/round head bolts, stud bolts*



*T-head bolts,  
hammer head/  
hook head bolts*



*High strength  
structural bolts  
(tension controlled/  
twist off)*

CAGE code:

**G & R SCREW MACHINE PRODUCTS**  
21602 N. CENTRAL AVE.  
SUITE 5  
PHOENIX, AZ 85024

**G & R**

CAGE code: 7Y137

**G & S MACHINE INC.**

2804 RENEE DRIVE  
BEDFORD, TX 76021-5208

G-S

CAGE code: 62925

**GALAN PRECISION MACHINE CO.**

8912 LANKERSHIM BLVD.  
SUN VALLEY, CA 91352

G GPM

CAGE code: 0S1P8

**G. B. MACHINE PRECISION, INC.**

4140C AUSTIN BLVD  
ISLAND PARK, NY 11558-1727

G.B.M

CAGE code: 03KF3

**GALMAC MFG CO.**

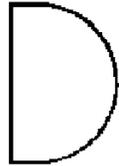
565 COVINA BOULEVARD  
SAN DIMAS, CA 91773-2911



CAGE code: 4V765

**G.B. DUPONT CO., INC**

500 WEST LONG LAKE ROAD  
TROY, MI 48098



CAGE code:

**GARCIA INDUSTRIES, INC.**

12345 FLORENCE AVENUE  
SANTA FE SPRING, CA 90670-3807



CAGE code: 1RYN7

**GAITHER MACHINE**

201 PILGRIM LANE  
P. O. BOX 202  
MUNFORD, AL 36268-4212

GMF

CAGE code: 1BTX4

**GARDINER MFG. CO.**

P.O. BOX 1499  
OAKLAND, CA 94604



CAGE code: 24042

**GATES ALBERT, INC.**

3434 UNION ST.  
NORTH CHILI, NY 14514-9731

**GAI**

CAGE code: 4ZBMI

**GATEWAY SCREW AND RIVET, INC.**

2670 UNINTED LANE  
ELK GROVE VILLIAGE, IL 60007

**G**

CAGE code:

**GEN FAST MANUFACTURING COMPANY**

225 HENRY STREET, BLDG. 5  
BRANTFORD, ONTARIO CANADA N3T 6H2



CAGE code:

**GENERAL AVIATION MFG., INC.**

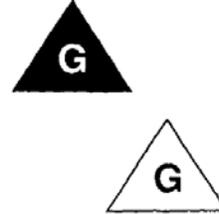
2693 PHILMONT AVE  
HUNTINGDON VALLEY, PA 19006-5301

**4J952**

CAGE code: 4J952

**GENERAL MACHINE PRODUCTS, INC.**

3525 VICKERY BLVD  
FORT WORTH, TX 76105



CAGE code:

**GENERAL SCREW & SPECIALTY CO., INC.**

14 N. BLEEKER ST.  
MT VERNON, NY 10550

**GS**

CAGE code: 26300

**GERMAN MACHINED PRODUCTS, INC.**

1208 S. HOOVER ST.  
GARDENA, CA 90247-1771



CAGE code: 65813

**GERTLER INDUSTRIES, INC.**

914 W. 17TH STREET  
COSTA MESA, CA 92627-4403

**GII**

CAGE code: 64445

**GFD LETAGE**

ZONE INDUSTRIELLE  
BP 63  
BOURGNE  
FRANCE 90140

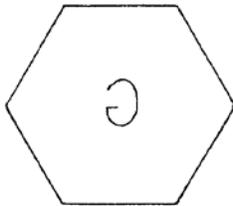
Plant  
15. IMPASSE G. THIVOLLET  
P.O. BOX 26  
42011 SAINT ETIENNE CEDEX 2  
FRANCE



CAGE code: F1471

**GILL MACHINE & TOOL CO.**

200 PRAIRIE STREET  
ROCKFORD, IL 61107



CAGE code: 0H8Y5

**GL CNC SERVICE INC.**

9860 OWENSMOUTH AVE #3  
CHATSWORTH, CA 91311-3852



CAGE code: 1DUA6

**GMJ MACHINE COMPANY, INC.**

251 STATE LINE RD S  
WILMER, AL 36587-7051



CAGE code: 8T119

**GMP CO. CORPORATION**

529 8TH AVE.  
BETHLEHEM, PA 18018-5008



CAGE code: 51867

**GOSHO WORKS, LTD.**

3-8-1 TARU-MACHI  
KOHOKU, YOKOHAMA  
222 JAPAN



CAGE code:

**GRACO INDUSTRIES, INC.**  
44605 MACOMB INDUSTRIAL DRIVE  
CLINTON TOWNSHIP, MI 48096-1148



CAGE code: 1GT22

**GRADON SCREW MACHINE CORP.**  
P. O. BOX 1080  
1411 EAST ST.  
NEW BRITIAN, CT 06050-1080



CAGE code: 69870

**GRANDEUR FASTENERS, INC.**  
18798 E. HWY 10  
DANVILLE, AR 72833-0658



CAGE code: 3U752

**GRAUCH ENTERPRISES**  
RR 1 BOX 37  
1878 PORT MATILDA HWY  
PHILLIPSBURG, PA 16866-3128



CAGE code: 1HU38

**GREATER MARYLAND TOOL & MFG.,  
CORP.**  
5 RESOURCE AVE  
MOUNTAIN LAKE PARK, MD 21550-6362

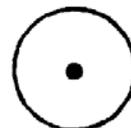


CAGE code: 34549

**GREEN BAY DROP FORGE**  
DIV. OF CLEVELAND HARDWARE &  
FORGING

1341 S. STATE ST.  
P.O. BOX 11797  
GREEN BAY, WI 54307-1797

See CLEVELAND HARDWARE & FORGING



*Circle with center dot*

CAGE code: 08277

**GREENFIELD MANUFACTURING CO., INC.**

920 LEVICK STREET  
PHILADELPHIA, PA 19111-5422

GFM

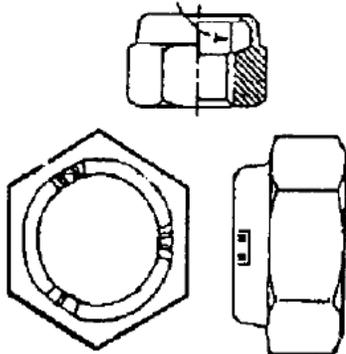
CAGE code: 98320

**GREER STOP NUT**

481 MCNALLY DRIVE  
NASHVILLE, TN 37211-3311

G S<sub>G</sub>L

*Green nylon insert*



*Manufacturer identification:  
2 raised ribs in (2) crimp depressions  
1 raised rib in (1) crimp depression*

**NFB**

for head marking on  
bolts and screws

CAGE code: 27687

**GRIPCO, DIVISION OF BLACK & DECKER**

111 E. BROAD ST.  
SOUTH WHITLEY, IN 46787

GN

*Raised or indented on flange or  
bearing surface of bolts*

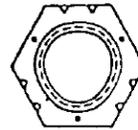
*Raised on head of bolts, inch or  
metric*

*Raised or indented on flange or  
bearing surface of nuts*

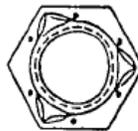
GF

GN

GN



*Twin Delta  
Crownlock grade  
B inch locknut*



*Gripco Crown lock  
Grade C inch  
locknut*



*Twin Delta  
Crownlock  
Class 9 metric  
locknut*



*Gripco  
Crownlock  
Class 10  
metric locknut*



*Toplock  
(3-6  
Indentations)*

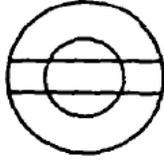


*Centerlock*

CAGE code: 0KS39

**GROOV-PIN CORPORATION**

331 FARNUM PIKE  
SMITHFIELD, RI 02917-1205



**G-P**

CAGE code: 73957

**GRUPO RASSINI S.A. de C.V.**  
RASSINI INTERNATIONAL, INC.  
617 EAST HURON STREET  
ANN HARBOR, MI 48104

Plant  
TORNILLOS RASSINI S.A. de C.V.  
AV. ELECTRICIDAD Y.E. PUGIBEL  
CD. INDUSTRIAL, XALOSTOC  
STA. CARLA, EDO DE MEXICO  
APARTADO POSTAL 14-711  
MEXICO D.F.

**RR**

*Used to mark the following products:*

hex cap screws  
hex bolts  
hex nuts  
heavy hex structural bolts  
heavy hex nuts  
shackle bolts  
hex cone nuts  
wheelbolts

CAGE code:

**GS AEROSPACE**

DIV. B & B SPECIALTIES INC  
4321 E LA PALMA AVE.  
ANAHEIM, CA 92807-1805

See B & B SPECIALTIES INC

1) PRIMARY - **GS**

2) SECONDARY - **GSAT**

3) SECONDARY - **1EM77**

4) SECONDARY - **GSI**  
(OBSOLETE AS OF  
JAN 1, 1988)

CAGE code: 1EM77

**GSF FASTENING**

MIDLAND ROAD  
DARLASTON  
WEDNESBURY, WEST MIDLANDS WS10 8JN  
UNITED KINGDOM

see ARMSTRONG PRECISION  
COMPONENTS LTD.



CAGE code:

**GUARDIAN RIVET & FASTENER**  
GUARDIAN MANUFACTURING DIV  
70 AIR PARK DRIVE  
RONKONKOMA, NY 11779

Plant  
201 TRADE ZONE DRIVE  
RONKONKOMA, NY 11779



CAGE code:

**GULF FASTENER, INC.**  
P.O. BOX 7188  
MOBILE, AL 36670

Plant  
267 BAY SHORE AVE.  
MOBILE, AL 36670

**GFX**

CAGE code: 3Y5J5

**GUNNISON-INTERNATIONAL INC.**  
861 GIBBSBORO ROAD  
CLEMENTON, NJ 08021-1207

**GTT**

CAGE code: 4G922

**H C MERCHANDISERS INC. DBA H C  
PACIFIC**  
19844 QUIROZ CT  
WALNUT, CA 91789-2828

**HC  
HCP**

CAGE code: 53037

**H C PACIFIC**  
19844 QUIROZ CT  
WALNUT, CA 91789 - 2828

**HC HCP**

CAGE code: 53037

**H. MULLINS, LTD.**  
BADE INDUSTRIAL ESTATE  
JARROW TYNE AND WEAR CO  
DURHAM, UNITED KINGDOM NE32 3EX

**HM**

CAGE code:

**H. PAULIN & CO. LTD.**  
CAPITAL METAL INDUSTRIES DIVISION  
55 MILNE AVE.  
SCARBOROUGH, ONTARIO  
CANADA MIL 4N3



*Hex head cap  
screws*

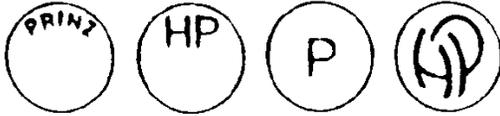


*Metric standard  
hex head cap  
screws*

CAGE code: 95119

**H. PRINZ GmbH FABRIK FUR  
VERBINDUNGSELEMENTE**

5970 PLETTENBERG  
POSTBOX 5241  
GERMANY



CAGE code:

**HABINA ENGINEERING**

4740 COTTON BELT  
SAN ANTONIO, TX 78219-2854



CAGE code: 1SZT7

**HALL INDUSTRIES INC.**

FORMERLY STANDARD TOOL & MACHINE  
COMPANY  
514 MECKLEM LANE  
ELLWOOD CITY, PA 16117-3028



CAGE code: 29281

**HALLSIMS INDUSTRIAL COMPONENTS,  
INC.**

37 TERRY DR.  
TREVOSE, PA 19053



CAGE code: 8V986

**HAMANAKA (THAILAND). CO., LTD.**

NO. 550 Moo6 TAIBAN ROAD  
AMPHUR MUANG, SAMUTPRAKARN,  
THAILAND



Plant  
HAMANAKA NUT MFG. CO., LTD  
KO-770 SHIRAHANA-CHO,  
HIMEJI-SHI HYOGO, JAPAN



CAGE code: 5Z615

**HANDI GADETS CORP.**

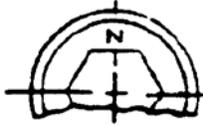
P.O. BOX 0938  
LA CROSSE, WI 54603

Plant  
1230 CLINTON ST.  
LA CROSSE, WI 54603



CAGE code: 1M893

**HANSAN SCREW CO., LTD.**  
EXPORTING DEPARTMENT  
974-7 YANG DUK-DONG  
MASAN 610-00  
KOREA



CAGE code:

**HARDWARE SPECIALTY CO, INC.**  
48-75 36TH STREET  
LONG ISLAND CITY, NY 11101-1994



CAGE code: 07679

**HARRISON BOLT & NUT CO., THE**  
2781 WILKENS AVE.  
BALTIMORE, MD 21223



CAGE code: 5B735

**HARTFORD AIRCRAFT PRODUCTS, INC.**  
94 OLD POQUONOCK ROAD  
BLOOMFIELD, CT 06002-1427



CAGE code: 66861

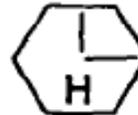
**HARWOOD DESIGN, INC.**  
1507 CLYDE WAITE DRIVE  
BRISTOL, PA 19007-2919

# HDI

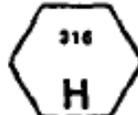
CAGE code: 1VQQ8

**HASKELL OF HUNTINGTON, INC.**  
P.O. BOX 119  
HUNTINGTON, WV 25706-0119

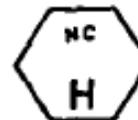
Plant  
300 THIRD AVENUE  
HUNTINGTON, WV 25701



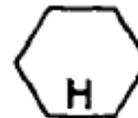
**300 Series Stainless Steel**



**Type 316 Stainless Steel**



**Nickel Copper (Monel)**



**Silicon Bronze**

CAGE code:

**HASSALL, JOHN, INC.**

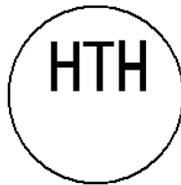
609-1 CANTIAGUE ROCK RD  
WESTBURY, NY 11590-1721



CAGE code: 82224

**HATCH INDUSTRIES**

17000 S WSTN AVE STE 22  
GARDENA, CA 90247-5262

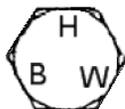


CAGE code: 03AJ8

**HAWTHORNE BOLT WORKS**

P.O. BOX 474  
VALLEY CITY, OH 44280

Plant  
355 A LAKE RD.  
MEDINA, OH 44256



GRADE 2



GRADE 5



GRADE 8

CAGE code: 4TU98

**HAYDON BOLTS, INC.**

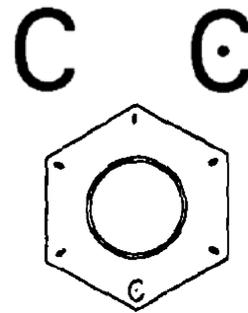
1181 UNITY ST  
PHILADELPHIA, PA 19124-3104



CAGE code: 2S013

**HAZE SEIKO CO., LTD.**

KO 402 SHIRAHAMA- CHO  
HIMEJI-SHI, HYOUGO-KEN, JAPAN 672

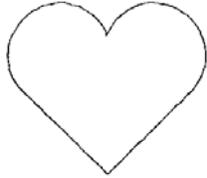


CAGE code:

MIL-HDBK-57H (IS)  
APPENDIX A

**HEARTLAND PRECISION FASTENERS,  
INC.**

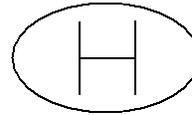
301 PRAIRIE VILLAGE DR  
NEW CENTURY, KS 66031-1121



CAGE code: 0ZC92

**HEMCO TOOL INC.**

7 SOUTH MAPLE ST.  
P.O. BOX 326  
WESTFIELD, MA 01085-4338



CAGE code: 5R108

**HEIM'S MACHINE & TOOL, INC.**

36 EVERGREEN ROAD  
LEBANON, PA 17042



CAGE code: 0B117

**HENWAY, INC.**

1314 GOODRICK DRIVE  
P.O. BOX 1276  
TEHACHAPI, CA 93561



CAGE code: 0X6T3

**HEITCO MANUFACTURING, INC.**

60 TUTTLE ROAD  
MIDDLETOWN, CT 06457



CAGE code:

**HEPTNER MFG CO.**

RIVER ROAD BLDG. PP-1 JAY-CEE  
INDUSTRIAL PARK  
BRISTOL, PA 19007 - 6103



CAGE code: 05BZ4

**HESSISCHE SCHRAUBENFABRIK  
WELTER GmbH & CO., KG**  
STEPHAN-NIDEREHE-STR. 6  
P. O. BOX 13 40  
MARBURG, GERMANY 35037



CAGE code: D5396

**HEWINS, EDMOND, C. JR.**  
DBA JET MACHINE WORKS COMPANY  
4519C WAYNE AVE  
PHILADELPHIA, PA 19144



CAGE code: 37KP5

**HEXAGON ENTERPRISES, INC.**  
256 MINNESOTA AVENUE  
TROY, MI 48083



CAGE code:

**HG AEROSPACE ENGINEERING LTD**  
ST LEONARDS-ON-SEA  
EAST SUSSEX TN38 9QS  
UNITED KINGDOM



CAGE CODE: KD652

**HI INDUSTRIAL TECHNOLOGIES**  
241 WOODLAND AVE  
MORTON, PA 19070



CAGE code: 0SS65

**HIGH QUALITY MACHINE SHOP**  
2775 WALSH ROAD  
SAN ANTONIO, TX 78224



CAGE code: 0B011

**HIGH TECH ENTERPRISES**  
3299 SAN FERNANDO RD.  
UNIT 11  
LOS ANGELES, CA 90065



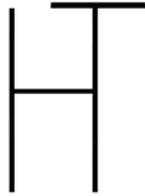
CAGE code: 0TSH2

**HIGHLAND PRODUCTS CORPORATION**  
9331 MERCANTILE DRIVE  
MENTOR, OH 44060-0452



CAGE code: 0AKM4

**HIGHLAND THREADS, INC.**  
FASTENER MANUFACTURING DIVISION  
708 E. TIDWELL  
HOUSTON, TX 77022-1822



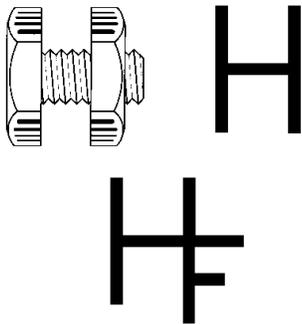
CAGE code: 1DT7C

**HILL AEROSPACE & DEFENSE LLC.**  
19734 DEARBORN STREET  
CHATSWORTH, CA 91311-6509



CAGE code: 55064

**HILL FASTENER CORP.**  
P.O. BOX 399  
ROCK FALLS, IL 61071



CAGE code: 4R119

**HILL STAMPING & MFG., INC.**  
3202 C STREET N.E.  
AUBURN, WA 98002-1789



CAGE code: 7M611

**HILTI, INC.**

5400 S. 122ND E. AVE  
TULSA, OK 74121-6007

DX DIVISION

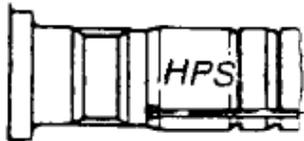
ANCHOR DIVISION

**HILTI**

HEA M24 x 210

**HILTI**

HEA 3/4" x 6-5/8"



CAGE code: 11239

**HI-SHEAR CORP.**

DBA FOREIGN PARENT IS LISI PARIS  
FRANCE

See listing for LISI  
2600 SKYPARK DRIVE  
TORRANCE, CA 90505



*hs*

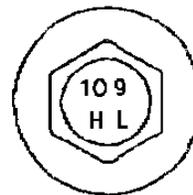
Plant  
TORONTO FASTENERS  
INDUSTRIES, INC.  
Subsidiary of Hi-Shear Corp., USA  
19 CONSTELLATION COURT  
REXDALE, ONTARIO M9W 1K4,  
CANADA

**F**

CAGE code: 73197

**HLC INDUSTRIES INC.**

6281 EMERALD LAKE DR  
FARMINGTON HILLS, MI 48098



CAGE code: 0SC87

MIL-HDBK-57H (IS)  
APPENDIX A

**HMS SERVICES LLC**  
10039 WOLFRIVER  
PLYMOUTH, MI 48170-4542

**M**

This is the headmarking for bolts and screws.  
Headmark appears on the top of head.

**M**  
**M**  
**M**

This marking is for nuts. This mark  
appears on the side of hex nuts.

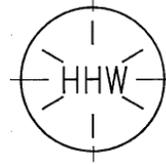
CAGE code: 1UYL6

**HO-HO-KUS, INC.**  
189-201 LYON ST.  
PATERSON, NJ 07524

**HK**

CAGE code: 69370

**HO HONG WORKS CO., LTD**  
10 CHUNG SHAN ROAD  
LU CHU VILLAGE, KAOHSIUNG  
HSIEN, TAIWAN 821



CAGE code:

**HOFFMANN, RICHARD GMBH CO. KG**  
AM KIESWASSER 8-10  
D-5940 LENNESTADT-ELSPE MEISELTER  
WEG  
KYLLEBURG, GERMANY 5524

Plant  
HOFFMANN MACHINE COMPANY, INC.  
1386 DREXEL ROAD  
VALDESE, NC 28690

**H**

CAGE code: 0HEK2

**HOLAN, INCORPORATED**  
1048 SANDY HILL ROAD  
IRWIN, PA 15642

**HI**

CAGE code: 1JT30

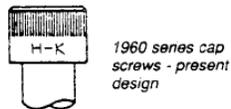
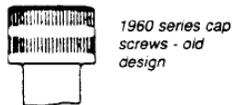
**HOLLYWOOD MANUFACTURING INC.**  
11915 VOSE STREET  
NORHT HOLLYWOOD, CA 91605-5750

**H**

CAGE code: 7T729

**HOLO-KROME CO.**  
31 BROOK STREET  
WEST HARTFORD, CT 06110-2385

**HK** *On some socket  
screw products*



CAGE code: 74445

**HORSPPOOL & ROMINE MANUFACTURING  
CO., INC.**

5850 MARSHALL STREET  
OAKLAND, CA 94608-2696

**HR HR**

CAGE code: 95723

**HORST ENGINEERING &  
MANUFACTURING CO.**

P.O. BOX 280066  
EAST HARTFORD, CT 06108-2003

Plant  
36 CEDAR ST  
EAST HARTFORD, CT 06108

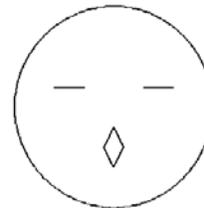
**HEM  
HE HE**

CAGE code: 05812

**HOUSTON FASTENER**

DIVISION OF WESTBROOK MFG

1202 KRESS STREET  
P.O. BOX 15614  
HOUSTON, TX 77020



CAGE code: 0YN70

**HOUSTON PRECISION FASTENERS**

10018 TANNER ROAD  
HOUSTON, TX 77041

**HPF**

CAGE code: 1VSL7

**HOWIE MANUFACTURING CO., INC.**

P.O. BOX 426  
COLLINGSWOOD, NJ 08108

Plant  
1227 MECHANIC ST.  
CAMDEN, NJ 08104-1221

*hmc*

CAGE code: 9V802

**HOWARD TOOL CO., INC.**

547 ODLIN ROAD  
BANGOR, ME 04401-6707

**HT**

CAGE code: 044B0

**HOWE MACHINE AND TOOL CORP.**

236 PARK AVE.  
BETHPAGE, NY 11714-3709



CAGE code: 65777

**HOWELL PRECISION, INC.**

6 BROWN DRIVE  
MOUND HOUSE, NV 89706-7744

**HP**

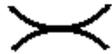
CAGE code: 6Y774

**HUCK INTERNATIONAL INC.**

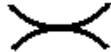
NO LONGER IN BUSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS

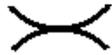
CARSON OPERATIONS  
900 WATSON CENTER ROAD  
CARSON, CA 90745-4201  
CAGE code: 17446



LAKEWOOD OPERATIONS  
3969 PARAMOUNT BLVD  
LAKEWOOD, CA 90712-4193  
CAGE code: 97928



TUCSON OPERATIONS  
3724 E. COLUMBIA ST.  
TUCSON, AZ 85714-3415  
CAGE code: 0HDW7 (1G6U6 expired)



HUCK INDUSTRIAL PRODUCTS  
8001 IMPERIAL DRIVE  
WACO, TX 76714  
CAGE code: 9K475



HUCK PRODUCTS  
BP4, CLOS D'ASSEVILLE  
95450 US PAR VIGNY  
FRANCE  
CAGE code: F6167



CAGE code: 17446, 1G6U6, 9K475, F6167,  
0HDW7, 97928

**HUGGINS MFG.**

4314 GARLAND DR.  
FORT WORTH, TX 76117



CAGE code: 0TCV6

**HUGO DURHOLT GMBH & CO. KG**

SCHRAUBENDREH-UND PREBWERK  
POSTFACH 16-80  
D-5632 WERMELSKIRCHEN  
GERMANY



CAGE code:

**HUNT VALVE COMPANY, INC.**

DBA WAECO VALVE DIVISION  
1913 EAST STATE STREET  
SALEM, OH 44460



CAGE code: 11859

**HUNTER STEVENS COMPANY**

4003 FLEETWOOD AVE.  
FRANKLIN PARK, IL 60131



CAGE code: 48093

**HUNTINGTON VALLEY INDUSTRIES, INC**  
DBA HVI  
15182 TRITON LN 101  
HUNTINGTON BEACH, CA 92649-1041

**HVI**

CAGE code: 9S754

**HURON AUTOMATIC SCREW CO.**  
P.O. BOX 610068  
4914 GRATIOT RD  
PORT HURON, MI 48061-0068

**H**

CAGE code: 00905

**HURRICANE MACHINE COMPANY, L.L.C.**  
2644 FREEWOOD DRIVE  
DALLAS, TX 75220

**H**

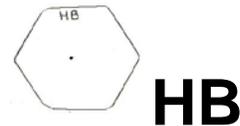
CAGE code: 1H7G3

**HYDRO FITTING MFG. CORP.**  
733 E. EDNA PLACE  
P.O. BOX 1558  
COVINA, CA 91722-1409

**HF**

CAGE code: 13899

**HYDROBOLT LIMITED**  
GLOBAL SERVICE CENTRE, MONMORE  
BUSINESS PARK, DIXON STREET  
WOLVERHAMPTON, WV2 2EE. U. K.



CAGE code:

**I.G.D. MACHINE & TOOL LTD.**  
992 HUBREY ROAD  
LONDON, ONTARIO, CANADA N6N 1B5



CAGE code:

**IDEAL FASTENERS INC.**  
3850 E MIRALOMA AVE  
ANAHEIM, CA 92806



CAGE code: 6F810

**IFASTGROUPE 2004 LP**

CANADA

SEE LISTINGS FOR:

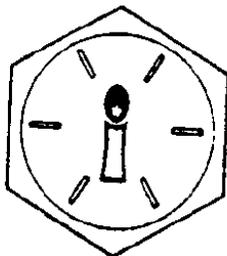
INFASCO  
700 OUELLETTE  
MARIEVILLE, QUEBEC  
CANADA  
J3M 1P6  
CAGE code: 1C225

INFASCO NUT  
3990 NASHUA DRIVE  
MISSISSAUGA, ONTARIO,  
CANADA  
L4VT IPG8  
CAGE code: 06KL6

INGERSOLL FASTENERS  
390 THOMAS STREET  
INGERSOLL, ONTARIO  
CANADA  
N5C 3K3  
CAGE code: 35571

**IMPERIAL SUPPLIERS, INC.**

P.O. BOX 11008  
789 PACKER DR  
GREEN BAY, WI 54304-4527



**GRADE 8**

CAGE code: 3A4R0

**INCO TECH AEROSPACE FASTENERS,  
INC.**

12920 PIERCE STREET  
PACOIMA, CA 91331

**IA**

CAGE code: 6VDQ4

**INDIANA AIRCRAFT HARDWARE**

221 SOUTH MAIN STREET  
FORTVILLE, IN 46040-1514

**IA**

**IAH**

**5N319**

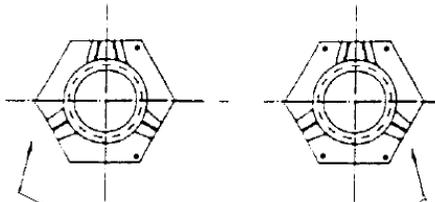
CAGE code: 5N319

**INDUSTRIAL & AUTOMOTIVE FASTENERS**

DIVISION OF KEY MANUFACTURING GROUP, INC.

3200 W. FOURTEEN MILE RD.  
ROYAL OAK, MI 48073

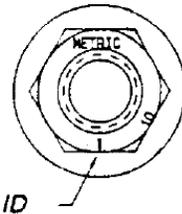
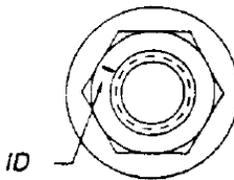
*Inch Conelock Nuts*



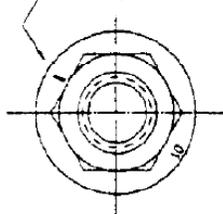
*Company I.D.: 2 single & 1 double slash*

*Inch Wheelnut*

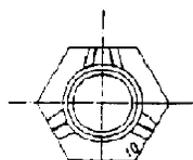
*Metric Wheelnut*



*Metric Flange Hex Nut  
company ID: 1*

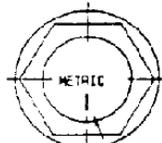


*Metric Conelock Nut*



*Company ID: 2 single & 1 double slash*

*Metric Capped Wheelnut*



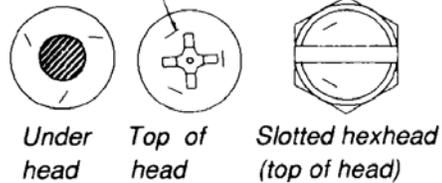
*Company ID: 1*

CAGE code:

**INDUSTRIAL FASTENERS CORP.**

7 HARBOR PARK DR  
PORT WASHINGTON, NY 11050

*Raised or indented marks*



CAGE code: 84992

**INDUSTRIAL FORGE, INC.**

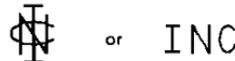
832 LANTANA RD  
LAKE WORTH 33462 - 1509



CAGE code: 0RY28

**INDUSTRIAL NUT CORP.**

1425 TIFFIN AVE  
SANDUSKY, OH 44870-2054



Blue nylon insert identifies INC as manufacturer

Blue nylon insert identifies INC as manufacturer per IFI 514



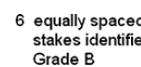
2 equally spaced stakes identifies property Class 5 per IFI 514



6 equally spaced stakes plus notch in corner of hex identifies Grade C



3 equally spaced stakes identifies property Class 9 per IFI 514



4 equally spaced stakes identifies property Class 10 per IFI 514



INCH NYLON INSERT LOCKNUTS



METRIC NYLON INSERT LOCKNUTS

The blue insert is a trademark of Industrial Nut Corp. registered in the U.S. Patent & Trade Office.

CAGE code: 81198

**INDUX, S.A. DE C.V.**

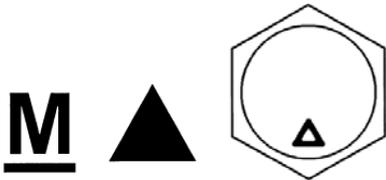
LAMINADORA 37  
BELLAVISTA-TACUBAYA  
MEXICO, D.F. 01140  
MEXICO



CAGE code: SDK76

**INFASCO**

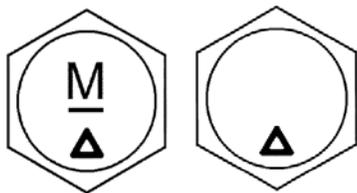
see IFASTGROUPE 2004 LP  
700 QUELLETTE  
MARIEVILLE, QUEBEC  
CANADA  
J3M 1P6



CAGE code: 1C225

**INFASCO NUT**

see IFASTGROUPE 2004 LP  
3990 NASHUA DRIVE  
MISSISSAUGA, ONTARIO,  
CANADA  
L4VT IPG8



CAGE code: 06KL6

**INFASCO DECORAH LLC**

1301 KERR DRIVE  
DECORAH, IA 52101-1802



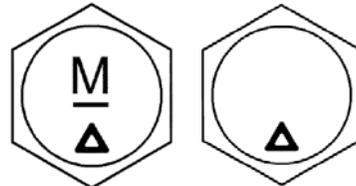
**IFORM**



CAGE code: 5MQU3

**INGERSOLL FASTENERS**

see IFASTGROUPE 2004 LP  
390 THOMAS STREET  
INGERSOLL, ONTARIO  
CANADA  
N5C 3K3



CAGE code: 35571

**INLAND MACHINE COMPANY INC.**

10762 EDISON CT.  
RANCHO CUCAMONGA, CA 91730-4845



CAGE code: 6W617

**INOFAST MANUFACTURING INC.**

1370 INDUSTRY RD.  
HATFIELD, PA 19440

**IN**

CAGE code: 2T359

**IN-SPECK CORP.**

208 EAST PENN ST  
NORRISTOWN, PA 19401-1471

**IS**

CAGE code: 32904

**INSTRUMENT MACHINING SERVICE LTD.**

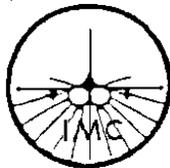
HOWLETT WAY, THETFORD,  
NORFOLK IP24 IHZ  
UNITED KINGDOM



CAGE code:

**INTERFLEX MFG. CORP.**

144 TOLEDO ST  
FARMINGDALE, NY 75222-4429



CAGE code: 0LD24

**INTERSTATE FITTINGS INC.**

2200 SINGLETON BLVD.  
DALLAS, TX 75212



CAGE code: 1EHF9

**IRON BOUND MANAGEMENT GROUP**

79 SUMMIT AVE.  
CHATHAM, NJ 07928

**IMG**

CAGE code: 5UKF4

**IRVING MACHINE SERVICE, INC.**

451 MAIN STREET  
P.O. BOX 94  
IRVING, NY 14081

**IM**

CAGE code:

**IRWIN AUTOMATION, INC.**

715 CLEVELAND STREET  
GREENSBURG, PA 15601-1279

**IRW**

CAGE code: 7H803

**ISLAND ENGINEERING**

DBA J SMITH MACHINE SHOP INC  
153 S MAIN ST  
FREEPORT, NY 11520-0384



CAGE code: 40137

**ITT HARPER AEROSPACE FASTENER OPERATIONS**

AEROSPACE CONTROLS DIVISION  
28150 INDUSTRY DRIVE  
VALENCIA, CA 91355

**AOL**

CAGE code:

**ITW BUILDEX**

1349 WEST BRYN MAWR AVE.  
ITASCA, IL 60143

**B  
X**

CAGE code:

**ITW CIP**

850 STEAM PLANT ROAD  
GALLATIN, TX 37066



CAGE code: 50CR2

**IVACO INC.**

see IFASTGROUPE 2004 LP, CANADA

see listings for:

INFASCO  
700 OUELLETTE  
MARIEVILLE, QUEBEC  
CANADA  
J3M 1P6  
CAGE code: 1C225

INFASCO NUT  
3990 NASHUA DRIVE  
MISSISSAUGA, ONTARIO,  
CANADA  
L4VT IPG8  
CAGE code: 06KL6

INGERSOLL FASTENERS  
390 THOMAS STREET  
INGERSOLL, ONTARIO  
CANADA  
N5C 3K3  
CAGE code: 35571

CAGE code: 1C225

**J & M MACHINE INC.**

1234 HIGH STREET  
PAINESVILLE, OH 44077

**1H423**

CAGE code: 1H423

**J & M MACHINING LLC.**

24842 AVENUE ROCKEFELLER  
VALENCIA, CA 91350



CAGE code: 75CK0

**J & S PRECISION PRODUCTS**

16 EVESBORO RD.  
MEDFORD, NJ 08055-9592



CAGE code: 8B865

**J.F. FREDERICKS TOOL CO.**

25 SPRING LANE  
FARMINGTON, CT 06032-31 96

**33575**

CAGE code: 33575

**J. G. FASTENERS**

9720 COZYCROFT AVE  
CHATSWORTH, CA 91311-4423



CAGE code: 0VWM9

**J. GEORG BIERBACH**

WERDOHLER STRASSE 23  
ALTENA, GERMANY D-5990

**G E B I**



CAGE code:

**J.M. PRECISION, INC.**  
FASTENER DIVISION  
9722 TOPANGA CANYON BLVD  
CHATSWORTH, CA 913114015

The logo consists of the letters 'J', 'M', and 'P' in a stylized, serif font. The 'J' and 'M' are connected at the top, and the 'P' is positioned to the right of the 'M'.

CAGE code: 0JV78

**J.P. PRODUCTS, INC.**  
DBA SPECIALITES, UNLIMITED  
P.O. BOX 427  
WILLOUGHBY, OH 44094

A large, bold, serif letter 'S'.

CAGE code:

**JACOBSON MFG., LLC.**  
941-955 LAKE RD.  
MEDINA, OH 44256

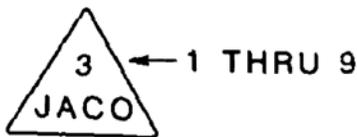
CAGE code: 58PU8

Plant  
JACOBSON MFG – TIFFIN, LLC.  
1988 COUNTY ROAD #593  
TIFFIN, OH 44883

A large, bold, serif letter 'J'.

CAGE code: 58UV4

**JACO ENGINEERING, INC.**  
879 SO. EAST STREET  
ANAHEIM, CA 92805-5356

The logo features a triangle with the number '3' inside. To the right of the triangle, the text '← 1 THRU 9' is written, with an arrow pointing left towards the triangle. Below the triangle, the word 'JACO' is written in a bold, sans-serif font.

CAGE code: IH427

**JAM TECH CORP.**  
P.O. BOX 327  
ESSINGTON, PA 19029

Plant  
1260 East Woodland Avenue  
Springfield, PA 19064

The logo consists of the letters 'J' and 'T' in a stylized, serif font. The 'J' and 'T' are connected at the top.

CAGE code: IEM35

**JAMES IPPOLITO & CO., INC.**  
1069 CONNECTICUT AVE.  
BRIDGEPORT, CT 06607

The number '96458' in a large, bold, sans-serif font.

CAGE code: 96458

**JAMES JACKSON**  
DBA J J ENGINEERING  
11021 VIA EL MERCADO  
LOS ALAMITOS, CA 90720-0281

The logo consists of the letters 'JJE' in a bold, sans-serif font, enclosed within a circle.

CAGE code: 0CEP4

**JAMISON INDUSTRIES INC.**  
12669 DELTA ST  
TAYLOR, MI 48180-6835

The logo consists of the letters 'J' and 'I' in a large, bold, serif font.

CAGE code: 1Z781

**JANUS FASTENING SYSTEMS, INC.**

2440 GERMANN ROAD, SUITE B5  
CHANDLER, AZ 85286



CAGE CODE: 58BQ5

**JAY BEE MACHINE WORKS, INC.**

400 PIKE RD.  
HUNTINGDON VALLEY, PA 19006-1610



CAGE code: 74954

**JAY O MACHINE CO., INC.**

7685 HUB PARKWAY  
VALLEY VIEW, OH 44125-5706



CAGE code: 5Z832

**JAYCO ENGINEERING, INC.**

1660 BABCOCK AVENUE  
COSTA MESA, CA 92627-4330



CAGE code: 7J578

**JEA ENTERPRISES, INC.**

P.O. BOX 512  
MIDDLEBURY, CT 06762

Plant  
86 BESSON RD.  
MIDDLEBURY, CT 06762



CAGE code: 1S5U2

**JERGENS INC.**

DBA JERGENS INDUSTRIAL SUPPLY  
15700 S WATERLOO RD  
CLEVELAND, OH 44110-3814



CAGE code: 94882

**JEWELL TOOL TECH**

see KARMA INC  
3129 STATE STREET  
BEHENDORF, IA 52722



CAGE CODE: 1GW80

**JINN HER ENTERPRISE CO., LTD.**

107 SHIN LO STREET  
KANGSHAN CHEN, KAOHSIUNG HSIEN  
TAIWAN R.O.C.



CAGE code: NONE

**JJ ENGINEERING**

see JAMES JACKSON  
11021 VIA EL MERCADO  
LOS ALAMITOS, CA 90720-0281



CAGE code: 0CEP4

**JJ SCREW PRODUCTS, INC.**

21519 PARTHENIA STREET  
CANOGA PARK, CA 91304



CAGE code: 75209

**JMT MACHINE COMPANY**

9986 GANTRY ROAD  
PHILADELPHIA, PA 19115-1080

**2A832**

CAGE code: 2A832

**JOHN R. BROMILEY COMPANY INC.**

105 BRISTOL ROAD  
CHALFONT, PA 18914

**JRB**

CAGE code: 1EV05

**JOLICO/J-B TOOL INC.**

4325 E. 22 MILE ROAD  
UTICA, MI 48317-1507

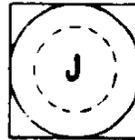
**JOLICO**

CAGE code: 19549

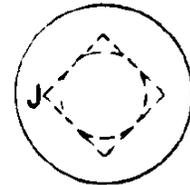
**JOSLYN CORP.**

MACLEAN POWER SYSTEMS  
11411 ADDISON STREET  
FRANKLIN, IL 60131-1130

Plant  
3700 SOUTH MORGAN STREET  
CHICAGO, IL 60609-1461



**Machine bolts**



**Carriage bolts**

CAGE code: 74999

**JUNIPER ELBOW CO.**

72-15 METROPOLITAN AVE.  
MIDDLE VILLAGE, NY 11379



CAGE code: 97537

**JUPITER WASHERS, INC.**

10-01 37TH AVE.  
LONG ISLAND CITY, NY 11101-6014



CAGE code: 25900

**K.A.A. COMPANY**

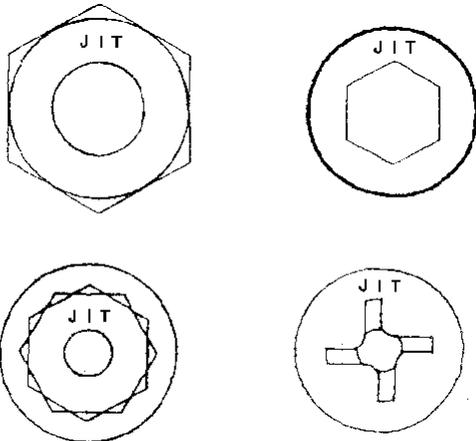
LYNN ABADIE DBA K A A COMPANY  
1309 MADISON STREET  
WEATHERFORD, TX 76086-2144



CAGE code: 1XRQ5

**JUST IN TIME, INC.**

DBA APSCO  
2538 WEST LN., SUITE 16  
STOCKTON, CA 95205



CAGE code: 0FVD5

**K.D.K. UPSET FORGING CO.**

2645 W. 139TH ST.  
P.O. BOX 146  
BLUE ISLAND, IL 60406-0146



CAGE code: 8P293

**KAMAX-WERKE RUDOLF KELLERMANN  
GmbH & CO. KG**

PETERSHUETTER ALLEE 29  
OSTRODE, GERMANY 37520



CAGE code: C5315

**K & K PRECISION ENTERPRISES**

60 STEAM WHISTLE DRIVE  
WARMINSTER, PA 18974



CAGE code: 1K6D9

**KAMAX L. P.**

FORMERLY DUPONT, G.B. CO., INC.  
500 WEST LONG LAKE ROAD  
TROY, MI 48098-4540



CAGE code: 1DWW1

**KAMPWERK VIEREGGE U. PICKARDT  
GMBH. & CO**

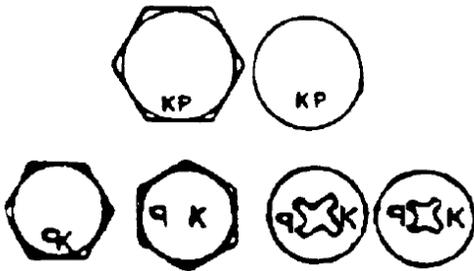
P.O. BOX 5143  
PLETTENBURG 5 G-5970



CAGE code:

**KAPCO INDUSTRIES, INC.**

5660 KNOTT AVE  
BUENS PARK, CA 90621



CAGE code: 0BMF4

**KARMA INC**

DBA JEWELL TOOL TECH  
3129 STATE STREET  
BEHENDORF, IA 52722

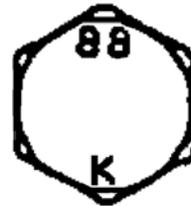


CAGE CODE: 1GW80

**KATSURAGAWA MACHINE SCREW CO.,  
LTD.**

3-24-1 YAGUCHI OHTA-KU  
TOKYO 146  
JAPAN

Plant  
366-1, KOGOSYO  
KAKEGAWA-SHI  
SHIZUOKA-KEN 436  
JAPAN



CAGE code:

**KAYGOR, INC.**

1243 TRANSIT STREET  
P.O. BOX 2950  
POMONA, CA 91769-2950



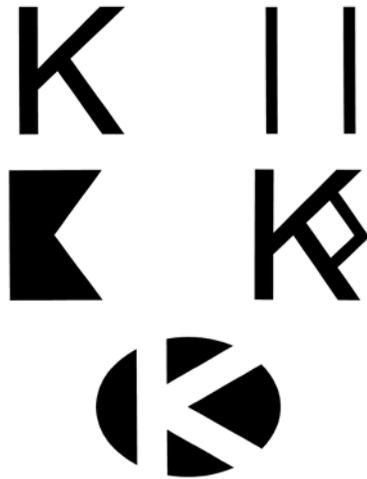
CAGE code: 4H229

**KAYNAR PRODUCTS**

800 S. STATE COLLEGE BLVD.  
FULLERTON, CA 92831

NO LONGER IN BUSINESS

See ARCONIC FASTENING SYSTEMS &  
RINGS



CAGE code: 15653

**KELLER ENGINEERING**

136 W. 157TH STREET  
GARDENA, CA 90248-2226



CAGE code: 4W941

**KELOX/MICRODOT PRODUCTS**

3020 WEST LOMITA BLVD.  
TORRANCE, CA 90505-5103

NO LONGER IN BUSINESS

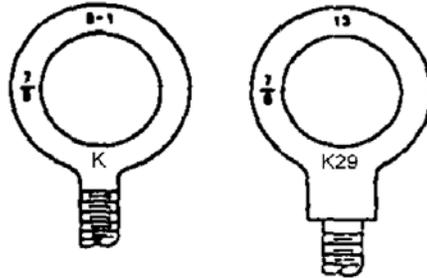
see ARCONIC FASTENING SYSTEMS &  
RINGS



CAGE code: 75237

**KEN FORGING, INC.**

1049 GRIGGS RD  
P.O. BOX #277  
JEFFERSON, OH 44047



CAGE code: 1GMT9

**KERR, CHARLES W.**

RIVER RD BLDG PP-1  
JAY CEE INDUSTRIAL PK  
BRISTOL, PA 19007

see MAUI MEGA



CAGE code: 0M4F0

**KERR LAKESIDE INC.**

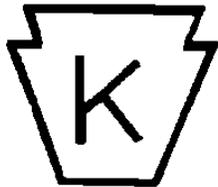
26841 TUNGSTEN RD.  
P.O. BOX 32220  
EUCLID, OH 44117-2680



CAGE code: 7P576

**KEYSTONE BOLT & NUT COMPANY**  
KEYSTONE THREADED PRODUCTS  
DIVISION  
P.O. BOX 31059  
CLEVELAND, OH 44313-0059

Plant  
7621 OLD ROCKSIDE RD.  
CLEVELAND, OH 44131-0059



CAGE code: 4N487

**KEYSTONE TOOL & MACHINE CO.**  
108 N. McDADE BLVD.  
DARBY, PA 19023



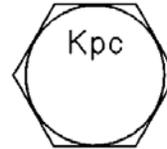
CAGE code: 7Y516

**KILBOURN ENGINEERING CO.**  
9226 WEST FLAGG AVE.  
MILWAUKEE, WI 53225-2718



CAGE code: 8H824

**KIRSTEN PIPE CO. INC.**  
1807 NW DOCK PL  
P.O. BOX 70526  
SEATTLE, WA 98127-0526



CAGE code: 5E704

**K.L.M. MACHINE INC.**  
711 COLONIA LANE EAST  
NOKOMIS, FL 34275



CAGE code: 4NDJ6

**KLINCHER LOCKNUT CORP.**  
2030 N. OXFORD ST.  
P.O. BOX 18100  
INDIANAPOLIS, IN 46218



CAGE code:

**KNIPPING-DORN GmbH**  
**KALTUMFORMTECHNIK**  
4690 HERNE 1  
POSTFACH 1229  
GERMANY

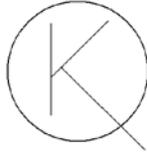


In connection with the identification mark of property class 3.6 up to and including 12.9

CAGE code:

**KNOCH MANUFACTURING CO. LTD.**

1054 SHAW RD  
DORCHESTER, CANADA N0L 1G4



CAGE code: 1C763

**KO AMS MACHINE PRODUCTS**

DBA KOAM MACHINE  
915 BROOKS ST UNIT 102  
ONTARIO, CA 91762-3603



CAGE code: 0K7E0

**KOBE FASTENER LIMITED**

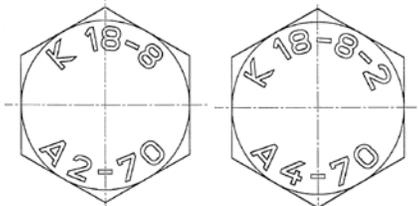
654 HISBIE  
HIGASBI OSAKA, 577  
JAPAN



CAGE code:

**KOLB GMBH & CO.**

HERSTELLER VON  
VERBINDUNGSELEMENTEN  
RATHENAU STRASSE 23  
POSTFACH 24 02 53 WUPPERTAL  
GERMANY 42277



CAGE code: D0472

**KONDOR TECHNOLOGIES, INC.**

206 CHRISTOPHER ST  
RONKONKOMA, NY 11779-6921

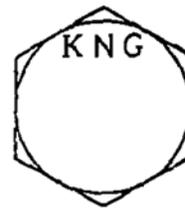


CAGE code: 06ZB0

**KONGO BYORA CO., LTD.**

2-1-27 SHITENNOJI  
TENNOJI-KU  
OSAKA 543 JAPAN

Plant  
3-31 NAGATA-NISHI  
HIGASHIOSAKA-SHI, OSAKA  
577 JAPAN



CAGE code:

**KOREA BOLT IND., CO., LTD.**

FOREIGN TRADE DEPARTMENT  
620-34 GURO-DONG, GURO-KU  
SEOUL, KOREA

Plant  
732-3 WONSI-DONG, ANSAN-CITY  
GYUNGGI-DO, KOREA



CAGE code:

**KORODY COLYER CORP.**  
A CR INDUSTRIES COMPANY  
5412 MCFADDEN AVE.  
HUNTINGTON BEACH, CA 92649

**K**

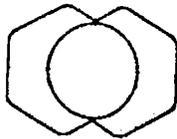
CAGE code: 18954

**KOZAK, E. PRECISION PRODUCTS CO.**  
45 WOODLAND AVE.  
ROCKAWAY, NJ 07866

**KPP**

CAGE code: 1CP43

**KPF**  
601 YOUNGTAN-DONG, CHUNGJU-CITY  
CHUNGCHEONGBUK-DO 380-250, KOREA



CAGE code:

**KREIS TOOL & MFG., CO., INC.**  
1615 CAMBRIDGE DR  
ELGIN, IL 60123 - 3114

**KTM**

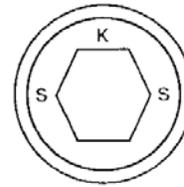
CAGE code: 64592

**KROBACH MANUFACTURING CORP.**  
3504 ARDEN RD.  
HAYWARD, CA 94545-5390



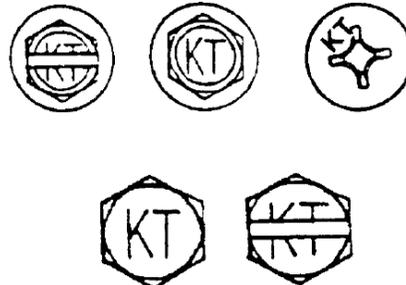
CAGE code: 30828

**KSS SOCKET SCREW, INC.**  
3416 S. 48TH STREET SUITE #6  
PHOENIX, AZ 85040



CAGE code: 0BMF5

**K-TECH MFG., INC.**  
288 HOLBROOK DRIVE  
WHEELING, IL 60090



CAGE code:

**KYOEI SEISAKUSHO CO., LTD.**

4-5-11 NUNOICHI-CHO  
HIGASHIOSAKA-SHI,  
OSAKA 579  
JAPAN

Plant  
MINAMISHINOZAKI  
KAZSHI, SAILAMA-KEN  
347 JAPAN

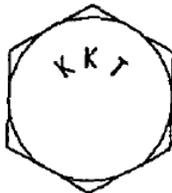


CAGE code:

**KYOKUTO MFG CO LTD.**

3-5-29 WAKAEHONMACHI  
HIGASHIOSAKA-SHI  
OSAKA 578  
JAPAN

Plant  
1109-5 SHIBADE  
KURAMOCHI-CHO,  
NABARI-SHE, MIE-KEN 518-04  
JAPAN



CAGE code:

**L & C MANUFACTURING CO., INC.**

8610 S. 33RD W. AVENUE  
TULSA, OK 74132-3403



CAGE code: 43813

**L & H THREADED RODS CORP.**

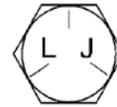
DIV OF GRAY AMERICA CORP  
3050 DRYDEN ROAD  
DAYTON, OH 45439



CAGE code: 0UH42

**L & J FASTENERS, INC.**

3636 LACON ROAD  
HILLIARD, OH 43026-6122



CAGE code: 1W358

**L & M ENTERPRISES, INC.**

1910 NORTHERN  
WICHITA, KS 67216-2429



CAGE code: 0HDM5

**L. A. MARTIN CO.**

14400 HENN STREET  
DEARBORN, MI 48126-1850



CAGE code: 9S775

**L G MACHINE & MFG INC.**

1276 W. ARKANSAS LANE  
ARLINGTON, TX 76013-6235



CAGE code: 0P4S2

**L H INDUSTRIES, INC.**

TIP TOP TOOL CO.  
3513 NORTH 10<sup>th</sup> STREET  
PHILADELPHIA, PA 19140

44

CAGE code: 0E7S8

**L N AEROSPACE, INC.**

6011 TENSION DRIVE  
FORT WORTH, TX 76112-2693

LNA

CAGE code: 1EB45

**L P R PRECISION PARTS AND TOOL COMPANY, INC.**

108 ROME STREET  
FARMINGDALE, NY 11735-2136

L. P. R.

CAGE code: 31583

**L R G CORPORATION**

210 MAGEE AVE  
JEANNETTE, PA 15644-2136

LRG

CAGE code: 75783

**LAKE ERIE SCREW CORP.**

13001 ATHENS AVE.  
LAKEWOOD, OH 44107-6201

LE



ASTM A 307



ASTM A 449



SAE J429 GR 5.1

SAE J429 GR 2

SAE J429 GR 5



ASTM A 354 BD

ASTM F 568  
CLASS 8.8

SAE J429 GR 6

SAE J429 GR 8

SAE J1199  
CLASS 8.8



ASTM F 568  
CLASS 9.8



ASTM F 568  
CLASS 10.9



ASTM F 568  
CLASS 12.9

SAE J1199  
CLASS 9.8

SAE J1199  
CLASS 10.9



ASTM A 325



ASTM A 325  
TYPE 3  
CLASS A



ASTM A 490



ASTM A 490  
TYPE 3  
CLASS A

CAGE code: 8B911

**LaMOTT ENTERPRISES, INC.**

3905 CALIFORNIA STREET NE  
MINNEAPOLIS, MN 55421



CAGE code: 3MWQ3

**LAMSON AND SESSIONS OF CANADA LTD.**

RB & W CORP. METAL FORMING DIVISION  
8341 TYLER BOULEVARD  
MENTOR, OH 44060

MANUFACTURER NUTS – Sales Office  
Lamson & Sessions of Canada Ltd.  
Toronto Plant – Canada  
5190 Bradco Boulevard  
Mississauga, Ontario L4W 1G7  
CANADA

**STOVER† PREVAILING TORQUE LOCKNUTS**



Grade A      Grade B      Grade C

Hex Automation – Imperial



Grade F      Grade G

Hex Flange – Imperial



Class 9      Class 10

Hex Flange – Metric



Hex Automation – Metric

CAGE code:

**LANA INDUSTRIES**

4404-D MCLEAN DRIVE  
HALTOM CITY  
FORT WORTH, TX 76117

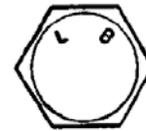


CAGE code:

**LANARKSHIRE BOLT LTD.**

BURNBANK  
HAMILTON, LANARSHIRE ML3 OQU  
SCOTLAND

**L B**



*Raised letters*

CAGE code: K3565

**LAND-SEA-AIR MACHINED PRODUCTS, INC.**

P.O. BOX H  
FLEMING PIKE  
WINSLOW, NJ 08095



CAGE code: 8U768

**LANIS MACHINE & MFG., CO.**

2506 S. COOPER #A-9  
ARLINGTON, TX 76015-1608



CAGE code: 8V177

**LANUM METAL PRODUCTS, INC.**

4100 N. 16TH STREET  
PHILADELPHIA, PA 19140-3008



L.M.T.

CAGE code: 0CY73

**LAWSON PRECISION MACHINING, INC.**

2981 CREST LANE ROAD  
BUCYRUS, OH 44820



CAGE CODE: 1STC4

**LBL PRODUCTS**

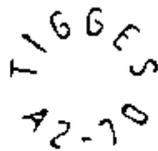
5395 INDUSTRIAL DRIVE  
UNIT A  
HUNTINGTON BEACH, CA 92649-1516



CAGE code: 1HJ06

**LEBRECHT TIGGES GmbH & CO. KG**

P.O. BOX 12 04 85  
W 5600 WUPPERTAL 12-CRONENBERG  
GERMANY



CAGE code:

**LEE AEROSPACE PRODUCTS, INC.**

90 WEST EASY STREET, UNIT #5  
SIMI VALLEY, CA 93065



CAGE code: 9S874

**LEHNER SCREW MACHINE CO.**

71 SOUTH RIVER ROAD  
P.O. BOX 158  
MUNROE FALLS, OH 44262

Plant  
71 SOUTH RIVER ROAD  
MUNROE FALLS, OH 44262



CAGE code: 9G035

**LELAND-POWELL FASTENERS, INC.**

P.O. BOX 260  
MARTIN, TN 38237

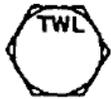
Plant  
HIGHWAY 45 EAST SOUTH  
MARTIN, TN 38237



CAGE code:

**LENCH, THOMAS WILLIAM, LTD.**

P.O. BOX 31  
EXCELSIOR WORKS CARNEGIE ROAD,  
ROWLEY REGIS B65 8BZ  
UNITED KINGDOM



Raised letters



Indented letters



Raised or indented  
letters

CAGE code: U0039

**LENTERN (AIRCRAFT) LTD.**

MAIN RD, HAWKWELL,  
NR. HOCKLEY ESSEX SS5 4JJ  
UNITED KINGDOM



CAGE code:

**LEONARD JED CO.**

MARYLAND BOLT AND NUT CO DIV  
(REPLACES MARYLAND BOLT & NUT CO.,  
INC. -CAGE 76213)  
1104 RUSSELL ST.  
BALTIMORE, MD 21230 - 2622



SAE J429 Grade 5  
ASTM A449  
MIL-B-857-A Grade 5

NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.



ASTM A193 Grade B-7

Alloy steel high temperature service  
bolting

Tempered to 125 KSI tensile strength

NOTE: Also covers sq. head and  
countersunk styles.

Heavy head hex or regular configura-  
tions



ASTM A490 Type 1

NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.



ASTM A394 Type T-0

Tower bolts: hex head, square head

Head markings also include: T-1 for  
medium carbon and T-3 for weather-  
ing alloy steel. Both require heat  
treating

NOTE: Round head step bolts require  
manufacturing head identification  
and proper markings as above,  
except length size



SAE J429 Grade 8  
ASTM A354 Grade B0

Also (optional) that A354 is exhibited  
on top of head

MIL-B-857-A Grade 8

NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.

CAGE code: 52373

Continued

MIL-HDBK-57H (IS)  
APPENDIX A

(Continued)  
LEONARD JED CO.  
MARYLAND BOLT AND NUT CO DIV



ASTM A325 Type 1  
NOTE: Also covers round head bolts, i.e., carriage-plow and countersunk styles, etc.



With line under A325 mark

ASTM A325 Type 3  
NOTE: Also covers round head bolts, i.e., carriage-plow and countersunk styles, etc.



No Grade mark — only manufacturer's symbol

SAE J429 Grade 2  
ASTM A307 Grades A & B  
MIL-B-857-A Type 2 (ADM/5)  
NOTE: Also covers round head bolts, i.e., carriage-plow and countersunk styles, etc.



With line under A490 mark

ASTM A490 Type 3  
NOTE: Also covers round head bolts, i.e., carriage-plow and countersunk styles, etc.



Letters B7M on head

ASTM A193 Grade B-7-M  
Alloy steel high temperature service bolting  
Tempered to 100 ksi tensile strength  
NOTE: Also covers SQ head and countersunk styles  
Heavy head hex or regular configurations



Heavy hex for type C-3  
Regular or heavy for DH3

Manufacturer's symbol and the number 3 or DH3 on face  
For Grade C-3 three radial lines are also required  
Heavy hex applications for C-3 and heavy or regular for DH3  
Nuts for bolt applications  
ASTM A325 type 3  
ASTM A563 Grade CH3  
Also covers square nut configurations

CAGE code: 52373

(Continued)

(Continued)

LEONARD JED CO.  
MARYLAND BOLT AND NUT CO DIV



Heavy or regular

Manufacturer's symbol and the 2H or DH marking  
Also can be supplied in regular configurations  
Suitable for all Grade 5 and A325 or A490 bolts  
Nuts for bolt applications  
ASTM A194 Grade 2H  
ASTM A563 Grade DH  
Also covers square nut configurations



Heavy hex only

Manufacturer's symbol and three radial lines  
Heavy hex applications only  
Nuts for bolt applications  
ASTM A563 Grade C  
For ASTM A325 bolts  
Also covers square nut configurations

CAGE code: 52373

LEP SPECIAL FASTENERS INC.  
3281 W. COUNTY RD ON/S  
FRANKFORT, IN 46041

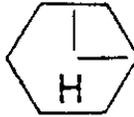


LE

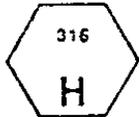
CAGE code: 8B911

**LEVEL 1 FASTENERS**

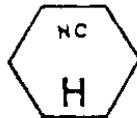
777 10<sup>TH</sup> AVE WEST  
HUNTINGTON, WV 25701



300 Series Stainless Steel



Type 316 Stainless Steel



Nickel Copper (Monel)

**BEK**

CAGE code: 17283

**LEVINGSTON MACHINE COMPANY**

2428 MINNIS DR.  
HALTOM CITY, TX 76117-4856

**LM**

CAGE code: 46939

**LEWIS SREW COMPANY**

DIV OF MEDALIST FASTENERS INC.  
2550 S 27TH AVE.  
BROADVIEW, IL 60155 - 3851



**LEWIS SCREW COMPANY**  
THE FASTENER SPECIALIST



120° INCLUDED ANGLE  
RAISED.

INDENTED HEX HDS. AND  
INDENTED HEX WASHER HDS.



**LEWIS SCREW COMPANY**  
THE FASTENER SPECIALIST



3-DASH MARKS 120° APART  
RAISED

UNDER HEAD UPON REQUEST  
"NON-COUNTERSUNK HEADS ONLY"

CAGE code: 1AW87

**LFC INDUSTRIES INC.**

DIVISION RKR TECHNOLOGIES  
P. O. BOX 5982  
1221 CORPORATE DRIVE WEST  
ARLINGTON, TX 76006-6103

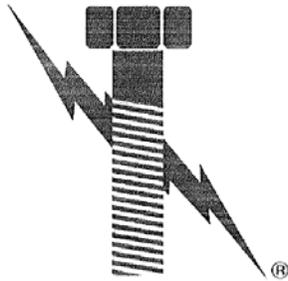
**LFC**

CAGE code: 62384

**LIGHTNING BOLT & SUPPLY, INC.**

10626 SOUTH CHOTAW DRIVE  
BATON ROUGE, LA 70815

**LBS**



CAGE code: 3DA94

**LINREAD NORTHBRIDGE**

VIKING ROAD  
WIGSTON, LEICESTER  
UNITED KINGDOM, LE18 2BL

NO LONGER IN BUSINESS

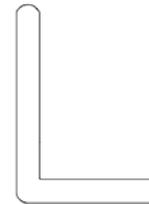
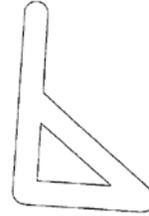
see ARCONIC FASTENING SYSTEMS &  
RINGS

**NB**

CAGE code: U6683

**LINREAD NORTHBRIDGE  
AIRCRAFT PRODUCT DIVISION**

CROSSGATE ROAD, PARK FARM  
REDDITCH, WORCESTERSHIRE B98 7TD  
UNITED KINGDOM



CAGE code: K8753

(Continued)

MIL-HDBK-57H (IS)  
APPENDIX A

(Continued)



Illustration No.	Notes
1, 2	= Linread Pic WWE = Linread Keeley St. (was Warne Wright Engineering and which no longer trades under that name) M = Metric screws and bolts 8.8 or 8.8 = Grade 8.8. Alternative markings such as 10.9 or 10.9 may appear as appropriate.

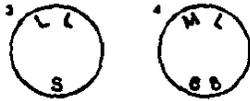


Illustration No.	Notes
3, 4	LL or L = Linread Ltd S = Unified S quality. Alternative letters such as R and T may appear as appropriate. M = Metric screws and bolts 8.8 or 8.8 = Grade 8.8. Alternative markings such as 10.9 or 10.9 may appear as appropriate.

Illustration No.	Notes
3, 4. (Cont'd)	= Linread Pic



CAGE code: K8753

(Continued)

(Continued)

LINREAD PUBLIC LIMITED CO.  
(AIRCRAFT PRODUCTS DIVISION)  
P.O. BOX 28, CROSSGATE ROAD  
PARK FARM INDUSTRIAL EST. REDDITCH,  
WORCESTERSHIRE B98 7TD  
UNITED KINGDOM

Illustration No.	Notes
5, 6	= Linread Pic S = Unified S quality. Alternative letters such as R and T may appear as appropriate. M = Metric screws and bolts 8.8 or 8.8 = Grade 8.8. Alternative markings such as 10.9 or 10.9 may appear as appropriate.



Illustration No.	Notes
7, 8	= Tribular screws and bolts. Various letters may appear, viz M = Metric. Absence of other letters indicate Duo-Taptite or Taptite parts. P = Powerlok C = Carbon restored surface, i.e., with no decarburization permitted but not case hardened. N = Neutral or through hardened I = Induction hardened lead threads S = Unified S quality. Alternative letters such as R and T may appear as appropriate. 8.8 or 8.8 = Grade 8.8. Alternative markings such as 10.9 or 10.9 may appear as appropriate.

CAGE code: K8753

**LIPPISCHE EISENINDUSTRIE GmbH**

ALTER WEG 57  
D-4930  
GERMANY

**LE**

CAGE code:

**LISI AEROSPACE**

LISI AEROSPACE CANADA  
TOUR GAMMA A  
193, RUE DE BERCY  
75582 PARIS CEDEX 12  
FRANCE

*Plant*  
A1 TECHNOLOGIES  
7022 ALONDRA BLVD  
PARAMOUNT, CA 90723 3926

NO SYMBOL LISTED

CAGE code: 3N586

*Plant*  
LISI AEROSPACE CANADA  
2000, PLACE TRANSCANADIENNE  
DORVAL (QUÉBEC) H9P 2K5  
CANADA

**L**

CAGE code: L4528

(Continued)

(Continued)

VAUS

*Plant*  
BLANC AERO INDUSTRIES  
VILLEFRANCHE DE ROUERQUE  
18, RUE JEAN VAURS  
12200 VILLEFRANCHE DE ROUERQUE  
FRANCE

**P** 

CAGE code: FAWT4

*Plant*  
BLANC AERO INDUSTRIES RUGBY  
RUGBY WARWICKSHIRE  
CV21 3 RQ  
UNITED KINGDOM

**hs**

CAGE code: U6300

*Plant*  
BLANC AERO INDUSTRIES SAINT  
OUEN L'AUMONE  
95310 SAINT OUEN L'AUMONE  
FRANCE

**T** 

 (Sr Briec)  
B (Paris)  
P (Villefranche de  
Rouergue)

ds. F

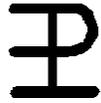
CAGE code: F0188

(Continued)

MIL-HDBK-57H (IS)  
APPENDIX A

(Continued)

*Plant*  
BLANC AERO TECHNOLOGIES  
B.P. 215  
22002 SAINT BRIEUC CEDEX 1  
FRANCE



CAGE code: F0188

---

*Plant*  
BLANC AERO INDUSTRIES VIGNOUX  
Z.A. La Landette  
18500 VIGNOUX-SUR-BARANGEON  
FRANCE



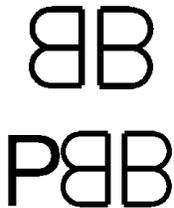
CAGE code: F6427

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*Plant closed*  
DECOLLETAGE GENERAL MODERNE  
DECOLLETAGE MODERNE 5 BIS, PLACE LEON  
BLUM



*Plant*  
FT BESTAS  
35410 GAZIEMIR-IZMIR  
TURKEY



CAGE code: T0802

(Continued)

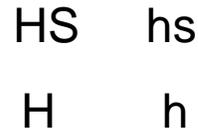
(Continued)

*Plant*  
FTB FASTENER TECHNOLOGY  
BESTAS  
EGE SERBEST BOLGESI AYFER SOK NO 21  
35410 GAZIEMIR-IZMIR  
TURKEY



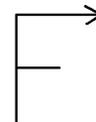
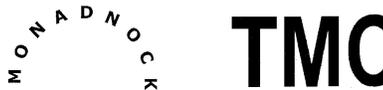
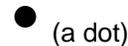
CAGE code: T0802

*Plant*  
HI-SHEAR CORPORATION  
see HI-SHEAR  
260 SKYPARK DR.  
TORRANCE, CA 90509-2975



CAGE code: 73197

*Plant*  
THE MONADNOCK COMPANY  
16728 EAST GALE AVE  
CITY OF INDUSTRY, CA 91745-1803



CAGE code: 60119

**LITTLE WORLD MANUFACTURING, INC.**

1083 FOREST RD.  
WEST CHESTER, PA 19380

Plant  
525 WEST SOUTH STREET  
KENNETT SQUARE, PA 19348

**L<W>M**

CAGE code: 6T569

**LLOYD MACHINE & TOOL CO., INC.**

234 BROAD AVENUE  
WILMINGTON, CA 90744-5812

**LM**

CAGE code: 01334

**LN AEROSPACE, INC.**

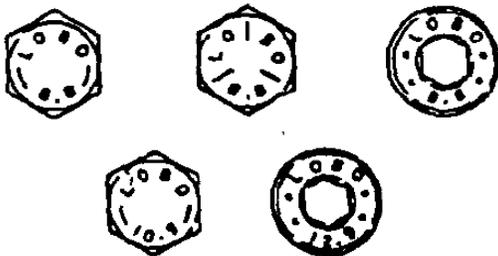
6011 TENSION DRIVE  
FORT WORTH, TX 76112-2693

**LNA**

CAGE code: 1EB45

**LOBO OFFICINE MECCANICHE SPA**

VIA T. EDISON  
CORANAREDO, MILANO ITALY 20010



CAGE code: A1208

**LOBO SYSTEMS LTD**

26 THE PARKER CENTRE  
MANSFIELD ROAD  
DERBY  
DE21 4SZ  
UNITED KINGDOM

**LOBO**<sup>TM</sup>

CAGE code: KE018

**LONESTAR FASTENERS**

24131 HARDY ROAD  
SPRING, TX 77373

**L**

Precedes grade marking  
(example: LB7)

**LSF**

CAGE code: 7H174

**LONG-LOK FASTENERS CORP.**

10630 CHESTER RD  
CINCINNATI, OH 45215-1206

Plant  
14119 CHADRON AVE.  
LOS ANGELES, CA 90250

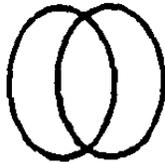
CAGE code: 03038

LL or LONG  
LOK or LL

CAGE code: 16941, plant 03038

**LOOS & CO., INC.**

AEROSPACE FASTENERS DIVISION  
ROUTE 101  
POMFRERT, CT 06258-0098



CAGE code: 59157

**LORD CORPORATION**

AEROSPACE PRODUCTS DIVISION  
1635 WEST 12<sup>TH</sup> STREET  
P.O. BOX 3694  
ERIE, PA 16508 – 0694

CAGE code: 0PJN4



Plant  
MECHANICAL PRODUCTS  
DIVISION  
4644 WADSWORTH RD.  
DAYTON, OH 45414 – 4220

CAGE code: 30061



CAGE code: 0PJN4, 30061

**LOUGHLIN MANUFACTURING CORP.**

1580 RAILROAD AVE  
HOLBROOK, N.Y. 11741-2301



CAGE code: 65782

**M & M MANUFACTURING CORPORATION**

5611 KIMBALL CT  
CHINO, CA 91710



CAGE code: 0X598

**M.A.A. CORP,**  
MID AMERICA AEROSPACE DIVISION  
16201 WEST 110TH STREET  
SHAWNEE MISSION, KS 66285

The logo consists of the letters 'M' and 'A' in a stylized, bold, sans-serif font. The 'M' is formed by two vertical lines and a horizontal line at the top, while the 'A' is formed by two vertical lines and a horizontal line at the top, with the two vertical lines of the 'A' being slightly taller than those of the 'M'.

CAGE code:

**M.L.W. MANUFACTURING CO.**  
P.O. BOX 8445  
NEW HAVEN, CT 06511

Plant  
240 SARGENT DRIVE  
NEW HAVEN, CT 06511

The logo consists of the letters 'M', 'L', and 'W' in a stylized, bold, sans-serif font. The 'M' and 'W' are formed by multiple parallel lines, giving them a 3D or shadowed appearance. The 'L' is a simple solid block letter.

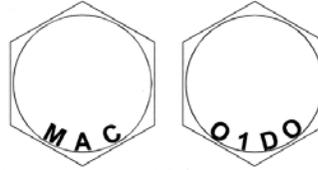
CAGE code: 0GH69

**M.S. AEROSPACE**  
13928 BALBOA BLVD.  
SYLMAR, CA 91342-1005

The logo consists of the letters 'M', 'S', and 'A' in a very bold, blocky, sans-serif font.

CAGE code: 0UCY9

**MAC FASTENERS, INC.**  
11110 ENTERPRISE ST.  
OTTAWA, KS 66067-3803



GOTHIC LETTERS "MAC"

GOTHIC LETTERS AND  
NUMERAL "O1DO"

CAGE code: ORFT4

**MACHINE SHOP, INC., THE**  
470 AIR PARK RD  
ATWATER, CA 95301

The logo consists of the letters 'T', 'M', and 'S' in a very bold, blocky, sans-serif font.

CAGE code: 8T052

**MACHINERITE CORP.**  
SYCAMORE & MILL RDS.  
CLIFTON HTS, PA 19018

The logo consists of the letters 'M' and 'R' in a simple, outlined, sans-serif font.

CAGE code: 7J299

**MACHINING LOGISTICS, INC.**  
6640 VIEW PARK CT.  
RIVERSIDE, CA 92503

The logo consists of the letters 'M', 'L', and 'I' in a bold, sans-serif font.

CAGE code: 57LP7

**MACK, A. W. MFG CO.**

516 DUTCHESS TURNPIKE  
POUGHKEEPSIE, NY 12603



CAGE code: 32448

**MACKO INDUSTRIES**

HWY 39 AT FM RD. 1340  
P.O. BOX 170  
HUNT, TX 78024-0170



CAGE code: 1CN43

**MACKSON MFG CORP.**

2338 SOUTHWAY DRIVE  
ROCK HILL, SC 29730



CAGE code: 093Y9

**MACLEAN SKY**

5989 RICCKENBACKER ROAD  
COMMERCE, CA 90040



CAGE code: 1CNU4

**MACLEAN-ESNA**

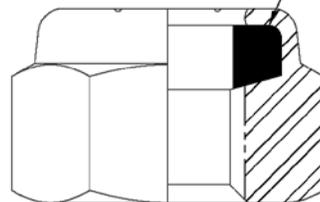
(formally Elastic Stop Nut)  
611 COUNTRY CLUB RD.  
POCAHONTAS, AR 72455

E

EN

ESNA

RED NYLON INSERT INDICATES  
MACLEAN-ESNA AS  
MANUFACTURER

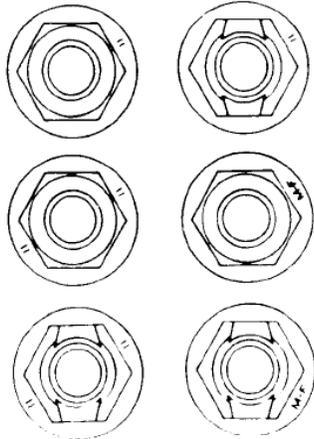


CAGE code: 019L2

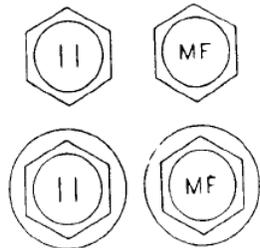
**MACLEAN-FOGG CO.**

2551 WACKER RD.  
SAVANNA, IL 61074

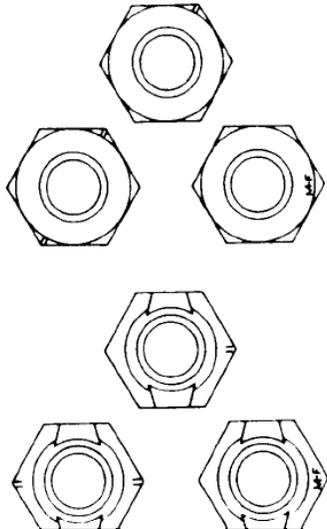
*Flange nuts less lock and with  
Uni-Torque® lock  
Two raised bars*



*Hex and flange screws/bolts*



*Hex nuts and Uni-Torque® locknuts*



CAGE code: 0AMX8

**MACOR, INC.**

130 HOFFMAN LN  
CENTRAL ISLIP, NY 11722



CAGE code: 2A269

**MAGNUM MACHINE SHOP**

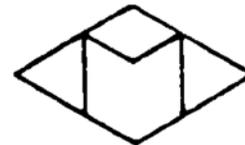
768 HOMEWARD PL  
SAN JOSE, CA 95123-2906

**1YFG0**

CAGE code: 1YFG0

**MAGNUS TOOL & DIE CO., INC.**

256 SHEFFIELD ST.  
MOUNTAINSIDE, NJ 07092



CAGE code: 37752

**MAILLY MFG CO., INC.**

P. O. BOX 6143  
45 WAKELEE ROAD  
WOLCOTT, CT 06716-2620



CAGE code: 3L606

**MAIN MACHINE CO INC.**  
DBA MAIN MACHINE & TOOL CO  
116 MARINE STREET  
FARMINGDALE, NY 11735-5608

**MMT**

CAGE code: 05879

**MANUFACTURING ENGINEERING TECH.**  
2758 AIELLO DR.  
SAN JOSE, CA 95111-2134



CAGE code: 1CC57

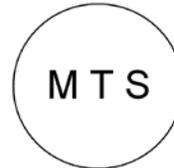
**MANUFACTURING SALES AND SERVICE**  
10631 BLOOMFIELD AVE #16  
LOS ALAMITOS, CA 90720



CAGE code: 1S9V3

**MANUFACTURING TECHNOLOGY SERVICES**

111 CLINTON ROAD  
FAIRFIELD, NJ 07004



CAGE code: 4WCW0

**MAPECO PRODUCTS, INC.**  
725 GLEN GLOVE AVE.  
P.O. BOX 6  
GLEN HEAD, NY 11545



CAGE code: 4P839

**MAR-BRO MFG., INC.**  
5717 W. WASHINGTON STREET  
PHOENIX, AZ 85043-3650



CAGE code:

MIL-HDBK-57H (IS)  
APPENDIX A

**MARTIN-CHANDLER, INC.**  
122 EAST ALONDRA BOULEVARD  
GARDENA, CA 902



CAGE code: 22625

**MARUYKO NUT CO., LTD.**  
2-4-15 NAKANO-CHO, HIGASHI  
TONDABAYASHI-SHI  
OSAKA 584  
JAPAN



CAGE code:

**MARVIN ENGINEERING, CO.,INC.**  
260 WEST BEACH AVENUE  
INGLEWOOD, CA 90302-2903



CAGE code: 32067

**MARYLAND BOLT & NUT CO., INC.**  
LEONARD JED CO  
1104 RUSSELL ST.  
BALTIMORE, MD 21230-2622



**SAE J429 Grade 5**  
**ASTM A448**  
**MIL-B-857-A Grade 5**

**NOTE:** Also covers round head bolts.  
I.e., carriage-plow and countersunk  
styles, etc.



**ASTM A193 Grade B-7**  
**Aloy steel high temperature service**  
**bolting**  
**Tempered to 125 KSI tensile strength**

**NOTE:** Also covers sq. head and  
countersunk styles.  
**Heavy head hex or regular configura-**  
**tions**



**ASTM A490 Type 1**  
**NOTE:** Also covers round head bolts.  
I.e., carriage-plow and countersunk  
styles, etc.



**ASTM A394 Type T-0**  
**Tower bolts: hex head, square head**  
**Head markings also include: T-1 for**  
**medium carbon and T-3 for weather-**  
**ing alloy steel. Both require heat**  
**treating**

**NOTE:** Round head step bolts require  
manufacturing head identification  
and proper markings as above,  
except length size

CAGE code: 76213(canceled)  
Replaced by 52373

(Continued)

(Continued)

MARYLAND BOLT & NUT CO., INC.



SAE J429 Grade 8  
ASTM A354 Grade BD  
Also (optional) that A354 is exhibited  
on top of head  
MIL-B-857-A Grade 8

NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.



ASTM A325 Type 1  
NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.



With line under  
A325 mark

ASTM A325 Type 3  
NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.



No Grade mark  
— only manu-  
facturer's  
symbol

SAE J429 Grade 2  
ASTM A307 Grades A & B  
MIL-B-857-A Type 2 (ADM/5)

NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.



With line under  
A490 mark

ASTM A490 Type 3  
NOTE: Also covers round head bolts,  
i.e., carriage-plow and countersunk  
styles, etc.



Letters B7M on  
head

ASTM A193 Grade B-7-M  
Alloy steel high temperature service  
bolting  
Tempered to 100 ksi tensile strength  
NOTE: Also covers SQ head and  
countersunk styles  
Heavy head hex or regular configura-  
tions

CAGE code: 52373

(Continued)

(Continued)

MARYLAND BOLT & NUT CO., INC.



Heavy hex for  
type C-3

Regular or  
heavy for DH3

Manufacturer's symbol and the num-  
ber 3 or DH3 on face

For Grade C-3 three radial lines are  
also required

Heavy hex applications for C-3 and  
heavy or regular for DH3

Nuts for bolt applications

ASTM A325 type 3

ASTM A563 Grade DH3

Also covers square nut configurations



Heavy or  
regular

Manufacturer's symbol and the 2H or  
DH marking

Also can be supplied in regular confi-  
gurations

Suitable for all Grade 8 and A325 or  
A490 bolts

Nuts for bolt applications

ASTM A194 Grade 2H

ASTM A563 Grade DH

Also covers square nut configurations



Heavy hex only

Manufacturer's symbol and three radial  
lines

Heavy hex applications only

Nuts for bolt applications

ASTM A563 Grade C

For ASTM A325 bolts

Also covers square nut configurations

CAGE code: 52373

MASTER BOLT & MFG. INC.

811 TAYLOR STREET  
ELYRIA, OH 44035

**MB**

CAGE code: 5CBB1

**MASTER RESEARCH & MFG., INC.**

13528 PUMICE ST  
NORWALK, CA 90650 - 5249



CAGE code: 9U245

**MCADAMS MACHINE AND TOOL CO.**

2853 E FLORENCE AVE  
HUNTINGTON PARK, CA 90255



CAGE code: 0UUE2

**MASTERCRAFT TOOL COMPANY**

13743 SHORELINE CT E  
EARTH CITY, MO 63045 - 1202



CAGE code: 2M351

**MCCULLOUGH AERO CO.**

DBA MCCULLOUGH & ASSOCIATES  
23891 MADISON STREET  
TORRANCE, CA 90505-6008



CAGE code: 04273

**MAUDLE INDUSTRIAL CO., LTD.**

1-20 TSAO HU ROAD  
TALI CITY, TAIWAN 41245



CAGE code: SH978

**MCLANE MFG INC.**

P. O. BOX 438  
7210 ROSECRANS AVE.  
PARAMOUNT, CA 90723 - 0438



CAGE code: 52706

**MAUI MEGA**

DBA KERR, CHARLES W  
JAY-CEE INDUSTRIAL PARK  
RIVER RD. BLDG. PP-1  
BRISTOL, PA 19007

see KERR CHARLES W



CAGE code: 0M4F0

**McMELLON BROS INC.**  
915 HONEYSPOT RD.  
STRATFORD, CT 06615 - 7192

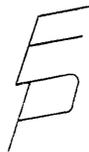
05141



CAGE code: 05141

**MD3 INDUSTRIES LTD**  
108 W HOLLOWAY DR  
HURST, TX 76053 - 6807

See EMPIRE PRECISION MACHINING



CAGE code:

**MEACO PRODUCTS CORP.**  
99 PECK HILL ROAD  
JOHNSTON, RI 02919-4510

M



MCO

CAGE code: 032Z0

**MEC WOLF SRL**  
VIA MILANO, 5  
22036 ERBA (CO) ITALY



The lot identification  
"xy" (letter + numb.)  
is embossed on the  
ring.

The manufacturer's  
mark "W" is embossed  
on the crown.

CAGE code:

**MECAERO PRODUCTS**

BD DU GRAND CASTING  
ROQUES-SUR-GARONNE  
31128 PORTET SUR GARONNE CEDEX  
FRANCE

NO LONGER IN BUSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS



**M**

CAGE code: F7411

**MECAERO CANADA INC.**

2250 COHEN  
VILLE ST-LAURENT  
QUEBEC, H4R 9Z7  
CANADA

**MC**

CAGE code:

**MECAIR AEROSPACE INDUSTRIES  
SUBSIDIARY OF SPS TECHNOLOGIES DIV  
DIVISION OF SPS TECHNOLOGIES**

DBA MECAIR INC  
225 LABROSSE  
PT. CLAIRE, CANADA H9R 1A3

**MC**

CAGE code: 0HL40

**MECHANICAL & INDUSTRIAL FASTENERS**

1145 JANSEN FARM DRIVE  
ELGIN, IL 60123

**MI**  
**MIF**  
**MIF**

CAGE code: 0P8N1

**MECHANICAL INDUSTRIES LLC**

8900 NORTH 51ST STREET  
MILWAUKEE, WISCONSIN 53223-2402

**M I**

CAGE code: 1U732

**MEL-BA MANUFACTURING INC.**

777 SUGAR LN  
ELYRIA , OH 44035 - 5631

**..MEL-BA..**

CAGE code: 3A092

**MERCER PRODUCTS & MFG. CO., INC.**

401 S. WEBSTER STREET  
SEATTLE, WA 98108 - 4137



CAGE code: 30205

**MERCURY AEROSPACE INC.**

20320 PRARIE STREET  
CHATSWORTH, CA 91313



**M** - Mercury

- Aerospace

CAGE code: 50945

**MERCURY TOOL & MACHINE, INC.**

P.O. BOX 5190  
WACO, TX 76708-5190

Plant  
AIRPORT DRIVE & ZOO PARK DR.  
WACO, TX 76708-5190

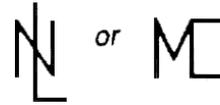


CAGE code: 01982

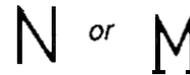
**METALCRAFTERS**

DIVISION OF KEYSTONE CONSOLIDATED  
INDUSTRIES

4500 KISHWAUKEE STREET  
P.O. BOX 7005  
ROCKFORD, IL 61125-7005



*Indented hex & hex washer heads*



*Hex cap screws - low carbon steel*



*Mis. markings for screws & bolts*

CAGE code:

**METAL-TECH MFG. INC.**

1445 SOUTH 18TH ST.  
CLINTON, IA 52732-6703



CAGE code: 3BNL5

**METHODS AND MACHINING SERVICES  
CO.**

140 UXBRIDGE ST  
CRANSTON, RI 02920-4811



CAGE code: 0FYD8

**METRO TOOL & MANUFACTURING CO.**

see ALEXANDER MANUFACTURING  
COMPANY INC  
2402 ARKANSAS LANE  
GRAND PRAIRIE, TX 75052-7203



CAGE code: 2M919

**METRIX MFG. CO.**

840 BRITTAN AVE.  
SAN CARLOS, CA 94070-4181



METRI METRIX

CAGE code:

**MI. ME. AF. S.r.l.**

C.so EUROPA, 240  
24032 CALOZIOCORTE (BG)  
ITALY



CAGE code:

**MICRO SCREW MACHINE PRODUCTS,  
INC.**

71 ROOSEVELT AVE  
CARTERET , NJ 07008



CAGE code: 43808

**MICRODOT INC.**

MICRODOT AEROSPACE FASTENING  
SYSTEMS GROUP ADVANCED PRODUCTS  
DIV

190 W CROWTHER AVE  
PLACENTIA, CA 92670 - 5687



**KAYNAR TECHNOLOGIES INC  
MICRODOT DIV**

800 SOUTH STATE COLLEGE BOULEVARD  
PLACENTIA, CA 92670 - 5687  
CAGE code: 1EJY4

NO LONGER IN BUSINESS

see KAYNAR PRODUCTS



*Used on sheet metal or stamped  
products.*



*Used on forged or foreign products*



*Two parallel lines used on Spiralock®  
products only*



*Used on metric products*



*Used on miscellaneous and general  
Kaynar products*

**MICRODOT INSERTS DIVISION**

10 S. LA SALLE STREET  
SUITE 3500  
CHICAGO, IL 60603  
CAGE code: 51204



*Three parallel lines spiralok insert  
products only*

CAGE code: 0BPE9

**MID CONTINENT SCREW PRODUCTS CO.**

3701 WEST LUNT AVE.  
LINCOLNWOOD, IL 60712



CAGE code: 1QMD3

**MID-STATES SCREW CORP.**

1817 EIGHTEENTH AVENUE  
ROCKFORD, IL 61101



CAGE code: 17264

**MIDWEST ACORN NUT CO.**

256 MINNESOTA AVE.  
TROY, MI 48083



CAGE code: 98960

**MILE-HI MACHINE, INC.**

6395 WEST 56<sup>TH</sup> AVE.  
ARVADA, CO 80002



CAGE code: 1M949

**MILITARY & COMMERCIAL FASTENER CORP.**

11 GRUMBACHERR350 RD.  
YORK, PA 17404



CAGE code: 9R350

**MILITARY PRODUCTS GROUP, INC.**

37190 SUGAR RIDGE ROAD  
NORTH RIDGEVILLE, OH 44039-3630



CAGE code: 3DJB1

**MILLIPART, INC.**

412 W. CARTER DRIVE  
GLEN DORA, CA 91740-5968



CAGE code: 31095

**MILLS, J. R. MACHINING, INC**  
815 McCORD HOLLOW ROAD  
HOHENWALD, LEWIS, TN 38462

(DLT-22)  
B

N N

(DLT-22)  
N

CAGE code: 0LT22

**MIL-SPEC FASTENERS CORP.**  
314 HANOVER PIKE  
HAMPSTEAD, MD 21074-9999

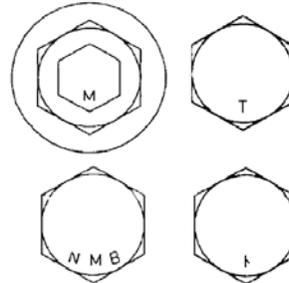
**MSF**

CAGE code: 356S3

**MINEBEA CO. LTD**  
**FUJISAWA MANUFACTURING UNIT**  
1-1-1 KATASE, FUJISAWA CITY  
KANAGAWA 251-8531  
JAPAN



Trademark, Takyo Rashi



CAGE code: SB962

**MIROFINE COMPANY**  
1940 W. 144TH STREET  
GARDENA, CA 90249-2928

**MFR 1L071**

CAGE code: 1L071

**MI-TECH, INC.**  
6685 JET PARK DRIVE  
N. CHARLESTON, SC 29406-4700

**MI-TECH, INC.**

CAGE code: 9J758

**MITSUBOSHI INDUSTRIES, LTD.**

OSAKA DIVISION  
4-16-1 CHOME, MIDORIGI  
SUMINOE-KU, OSAKA 559  
JAPAN

**N**  
**NK**  
**NKYM**

CAGE code:

**MIX TOOL CO.**

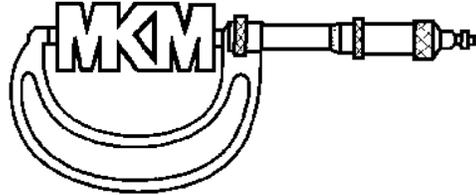
212 E. CEDAR STREET  
COMPTON, CA 90220



CAGE code: 27643

**MKM MACHINE TOOL COMPANY INC.**

100 TECHNOLOGY WAY  
JEFFERSONVILLE, IN 47130-9644



CAGE code: 8L583

**M-MANUFACTURING**

P.O. BOX 897  
ROANOKE, TX 76272

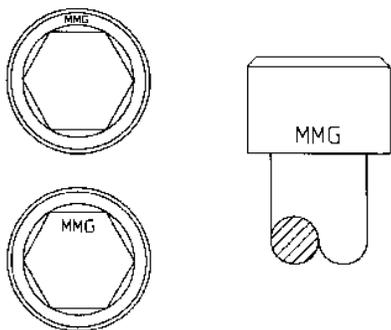
Plant  
HYW. 114 & DOVE RD.  
ROANOKE, TX 76262

**M**

CAGE code:

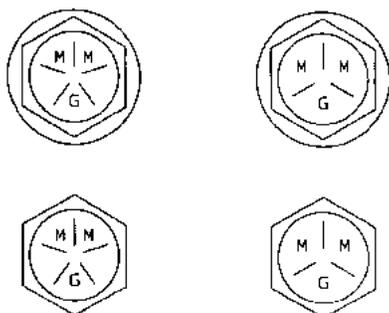
**MMG ENGINEERED COMPONENTS INC.  
DBA TOOLSOURCE**  
3901 N. CARNATION  
FRANKLIN PARK, IL 60131-1201

SOCKET HEAD  
CAP SCREWS

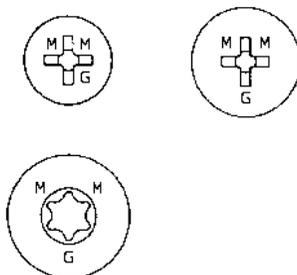


HEX HEADS  
(GRADE 8)

HEX HEADS  
(GRADE 5)



OTHER



CAGE code: 3JMF9

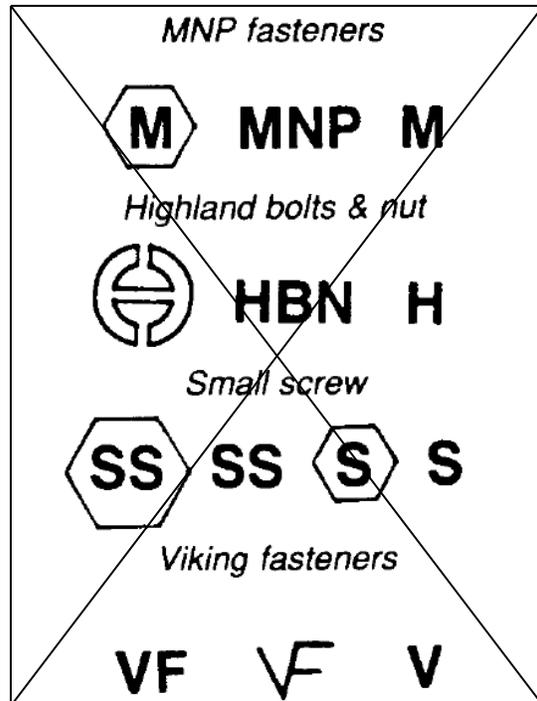
**MNP CORPORATION**

P.O. BOX 189002  
UTICA, MI 48318-9002

MNP FASTENER DIVISION  
44225 UTICA RD  
UTICA, MI 48317  
CAGE code: 3R364

PLANT 2  
MNP CORPORATION DIVISION 2  
1524 E 14 MILE RD  
MADISON HEIGHTS, MI 48071-1542  
CAGE code: 064S9

PLANT 4  
MNP PRECISION PARTS  
1111 SAMUELSON RD.  
ROCKFORD, IL 61109  
CAGE code: 4S2M4



CAGE code: 3R364, 064S9, 4S2M4

**MODERN METRIC MACHINE COMPANY  
INC**

101 W. NICHOLSON ROAD  
AUDOBON, NJ 08106-1411



CAGE code: 1F6H56

**MODFORM-ILLINOIS, INC.**

500 36TH ST  
EAST MOLINE, IL 61244



CAGE code: 46501

**MONADNOCK COMPANY, THE**

18301 ARENTH AVE.  
CITY OF INDUSTRY, CA 91748-1228

NO LONGER IN BUSINESS

see LISI AEROSPACE

. (a dot)

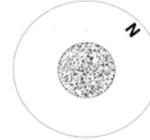


CAGE code: 60119

**MONOGRAM AEROSPACE FASTENERS**

3423 SOUTH GARFIELD AVE.  
LOS ANGELES, CA 90040-3103

FASTENER HEAD MARKINGS



SCRIPT "N"

Used on Visu-Lok® blind fasteners



SCRIPT "MI"

Used on Composi-Lok®, OSI-Bolt®, Ti-OSI™,  
Radial-Lok®, Maf honeycomb pins, and other  
blind fasteners

BODY MARKINGS

**MONOGRAM  
WEDGELOCK**



Trademark "WedgeloK" or "Mono-  
gram", depressed. Used on tempo-  
rary fasteners

CAGE code: 98524

**MONROE MACHINED PRODUCTS, INC.**

1422 S. 192nd ST  
SEATTLE, WA 98148-2314



CAGE code: 7F311

**MONTEREY MACHINE PRODUCTS**  
1504-A INDUSTRIAL PARK STREET  
COVINA, CA 91722-3417

**MP**

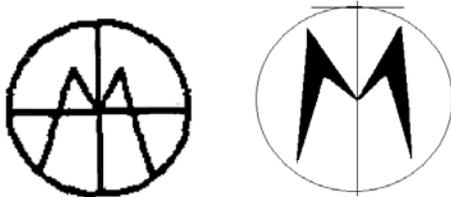
CAGE code: 1UD00

**MORTON FASTENERS INC.**  
4544 RUNWAY DR.  
LANCASTER, CA 93536

**MFI**

CAGE code: 4DU57

**MORTON MANUFACTURING**  
17341 W. SIERRA HIGHWAY  
SANTA CLARITA, CA 91351-1162



CAGE code: 2T498

**MOSE ENGINEERING AND  
MANUFACTURING INC.**  
4743 NW 72<sup>ND</sup> AVE  
DORAL-MIAMI, FL 33166

**AIC**

CAGE code: 705N1

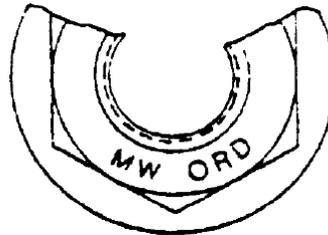
**MOSTAR GEAR & MACHINE MFG., CO.**  
201 E. FRANKLIN  
PALESTINE, IL 62451



CAGE code: OHN25

**MOTOR WHEEL CORP.**  
4000 COLLINS RD.  
LANSING, MI 48910

Plant  
1600 N. LARCH STREET  
LANSING, MI 48906



CAGE code: 4H871

**MPIRE FASTENERS**  
21446 HARVILL AVENUE  
PERRIS, CA 92570

**MF**

CAGE code: 6D6C7

**MRL MANUFACTURING CORP.**

P.O. BOX 8440  
59 LEE AVE  
HALEDON, NJ 07508

Plant  
525 LAFAYETTE AVENUE  
HAWTHORE, NJ 07506



CAGE code: 0GUF9

**N.S.S. INDUSTRIES**

9075 GENERAL DRIVE  
PLYMOUTH, MI 48170



CAGE code:

**NAFCO USA, LLC**

2900 LOCKHEED WAY  
CARSON CITY, NV 89706



CAGE code: 32387

**NAGOYA SCREW MANUFACTURING CO,  
LTD.**

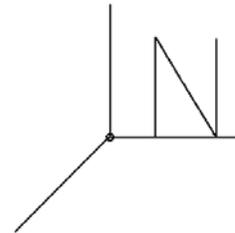
17-16 TSUBAKI-CHO I  
NAKAMURA-KU NAGOYA-SHI  
AICHI-KEN, JAPAN



CAGE code: SC006

**NAPIER'S AUTO BODY**

49879 HWY 101 STH.  
P. O. BOX 278  
BRANDON, OR 97411-1824



CAGE code: 1NXQ4

**NARRAGANSETT SCREW MFG.,CO.**

P.O. BOX 2242  
119 ROWLEY ST  
WINSTED, CT 06098 - 2068



CAGE code: OHP15

**NASSAN TOOL WORKS, INC.**

34 LAMAR ST.  
WEST BABYLON, NY 11704

**NTW**

CAGE code: 2M490

**NASU DENKI-TEKKO CO., LTD.**

1-1-14 SHINJUKU, SHINJUKU-KU  
TOKYO 160  
JAPAN

SUNAMACHI FACTORY  
3-5-28 SHINSUNA, ETO-KU,  
TOKYO, JAPAN 136

**NT**

CAGE code:

**NATIONAL AEROSPACE FASTENERS CORPORATION (NAFCO)**

NO 5 TAI-PING EAST ROAD, PING-JEN CITY  
TAO-YUN HSIEN, TAIWAN, #324, R.O.C

Plant  
NO 1 and NO 5, TAI-PING EAST  
ROAD, PING-JEN CITY  
TAO-YUN HSIEN, TAIWAN, #324,  
R.O.C



CAGE CODE: SF773

**NATIONAL BOLTS & RIVETS LTD.**

P.O. BOX 5063,  
BOKSBURG NORTH 1461  
SOUTH AFRICA



CAGE code: V3674

**NATIONAL FASTENER CO., LTD.**

#973 YANG DUCK-DANG  
MASAN  
REPUBLIC OF KOREA

**O**

CAGE code:

**NATIONAL THREADED FASTENERS CORP.**

630 LIVELY BOULEVARD  
ELK GROVE VILLAGE, IL 60007

**NT**

CAGE code:

**NAVPAR, INC.**

11029 STATE ROUTE 128  
BLDG C-1  
HARRISON, OH 45030-9710

**NI**

CAGE code: 0MHC4

**NC AUTOMATED INDUSTRIES INC.**

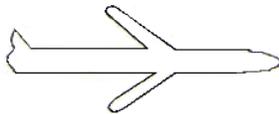
90 DAYTON AVENUE  
BLDG. 14E  
PASSAIC, NJ 07055-7035

**NAC**

CAGE code: 1VPZ8

**NCMI BRUEGGEMANN INC.**

1207 W. BROOKS STREET  
ONTARIO, CA 91762-3609



CAGE code: 0K292

**ND INDUSTRIES**

13929 DINARD AVENUE  
SANTA FE SPRINGS, CA 90670

**ND**  
INDUSTRIES

CAGE code: 4Y667

**NEDSCHROEF HALMOND B.V.**

P.O. BOX 29  
5707 LC HELMOND  
THE NETHERLANDS

Plant  
KANAALDIJK NOORD WEST 71  
5707 LC HELMOND  
THE NETHERLANDS



Standard hexagon high tensile bolts and screws of all property classes



High strength friction grip bolts for structural bolting property class 10.9



Socket screws



Nuts and all other bolts and screws

CAGE code: H0871

**NEKG HOLDINGS**

26709 SOUTH KIMBERLY  
CHANNAHON, IL 26709

**NE**

CAGE code: 4YU01

**NELSON AEROSPACE INC.**

10310 NORRIS AVE  
PACOIMA, CA 91331-2219

**NA**

CAGE code: 52930

**NELSON STUD WELDING DIVISION**

7900 W. RIDGE RD  
ELYRIA, OH 44036-2019

**N**

CAGE code: 85105

**NEUMAYER, ERICH GMBH**

POSTFACH 1160  
WILHELM-ZANGEN-STRASSE 9  
D-7613 HAUSACH  
GERMANY

**N**

CAGE code: C1956

**NEVADA BOLT AND MFG CO INC.**

3850 W PONDEROSA WAY  
LAS VEGAS, NV 89118

**NF**

CAGE code: 7U566

**NEVILLE MACHINE SHOP**

P.O. BOX 22  
RANGER, TX 76470-2722

Plant  
406 E. HIWAY 80  
RANGER, TX 76470-2722

**ND**

CAGE code: 8X524

**NEW HORIZON MACHINE CO., INC.**

36 LUDLOW STREET  
STAMFORD, CT 06902-2691

**NH**

CAGE code: 1VVZ7

**NICE TOOL MFG., INC.**

3280 DIANA DR.  
FORT WORTH, TX 76118-6237

**TN**

CAGE code: 5K517

**NINGBO JINDING FASTENING PIECE CO,  
LTD**

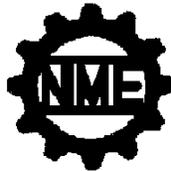
XI JING TANG JIULONGHU ZHENHAI  
NINGBO, ZHEJIANG CHINA, PRC 315205

**JDF**

CAGE CODE:

**NIPPON MACHINE ENGINEERING, INC.**

1311 EAST SAINT GERTRUDE PLACE  
UNIT B  
SANTA ANA, CA 92705



CAGE code: 49145

**NIPPON STEEL BOLTEN CO., LTD.**

4-3-2 NISHIZUMI, YUKUHASHI,  
FUKUOKA, JAPAN 824



CAGE code:

**NISCO, INC.**

5F SHINGA BLDG. 1-3-10  
UMEBAYASHI OUTSU-SHI  
SHOGA-KEN 520, JAPAN

Plant  
1018-1 ROKUJO CHUZU-CHO  
YASU-GUM SHIGA-KEN  
520-24 JAPAN



CAGE code:

**NISSAN SCREW CO. LTD.**

SALES DEPT., FOREIGN TRADE SECTION  
5-6-508 SHINKANAOKA-CHO  
SAKAI-SHI-OASAKA 590 JAPAN

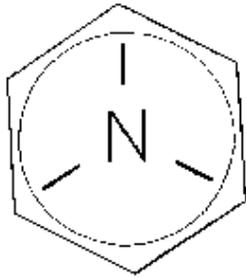
Plant  
8-4-41 MIYAKE-NAKA  
MATSUBARA-SHI, OSAKA 580  
JAPAN

**N**

CAGE code:

**NOCHIA STEELWORKS**

NYOGO, JAPAN



CAGE code:

**NON-FERROUS BOLT & MANUFACTURING CO.**

4086 NEVSO DRIVE, SUITE C  
LAS VEGAS, NV 89103

Plant  
3850 WEST PONDEROSA LANE  
LAS VEGAS, NV 89118

**NF**

CAGE code:

**NORTHBRIDGE FASTENERS**

VIKING ROAD  
WIGSTON, LEICESTER  
UNITED KINGDOM

NO LONGER IN BUSINESS

see LINREAD NORTHBRIDGE

**NB**



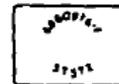
**E** – The plain letter E is used for Rolls Royce. UK supply and Europe and will be used in the absence of any customer allocated identification.



**32219** – Allocated by Pratt & Whitney, East Hartford for supply to Pratt & Whitney, East Hartford



**15077** – Allocated by Pratt & Whitney, Canada for supply to Pratt & Whitney, Canada



**5T572** – Milscap No. for items supplied to U.S. Government



**20733** – Allocated by Avco-Lycoming for supply to Avco-Lycoming



**NTF99** – Allocated by General Electric for supply to Rolls Royce for joint projects with General Electric

CAGE code: U6683

**NORTH EAST FASTENERS**

8 TREMCO DRIVE  
P. O. BOX 322  
TERRYVILLE, CT 06786-0322



• •  
2 dots  
either indented or raised.

CAGE code: 07ZN5

**NORTHEAST METAL CO., INC.**

P.O. BOX 51754  
34 FRONT STREET  
INDIAN ORCHARD, MA 01151

Plant  
AIRPORT DRIVE  
WESTFIELD, MA 01085



CAGE code: 1C4F2

**NORTHERN SCREW CO. , INC.**

8121 LAKEVIEW PARKWAY  
PLEASANT PRAIRIE, WI 53158



CAGE code:

**NORTHSTAR ENGINEERING**

1911 LYNX PLACE  
ONTARIO, CA 91761



CAGE code: 0XK38

**NOVA MACHINE PRODUCTS, INC.**

18001 SHELDON ROAD  
CLEVELAND, OH 44130-2465



CAGE code: 1EJ29

**NSK INDUSTRIES, INC.**

150 ASCOT PARKWAY  
CUYAHOGA FALLS, OH 44223



CAGE code:

**NT ENGINEERING, INC.**

1050 "C" INDEPENDENCE AVE.  
MOUNTAIN VIEW, CA 94043



CAGE code: 0BEN1

**NUCOR CORP.**

NUCOR FASTENER DIVISION  
P.O. BOX 6100,  
6730 COUNTY ROAD  
ST. JOE, IN 46785



CAGE code: 0BEP9

**NUMERIC MACHINE PRODUCTS**

1769 WEST AVE. K-11  
LANCASTER, CA 93534

**NMP**

CAGE code: 5V524

**NUTS INCORPORATED**

DIVISION OF STANLOK  
1451 GRAFTON ST  
P.O. BOX 2735  
WORCHESTER, MASSACHUSETTS 01613

**N**

CAGE code: 02972

**NUTS, INC.**

ROUTE 724 & 23  
PHOENIXVILLE, PA 19460-1838

**N**

CAGE code: 6N185

**NYLOK FASTENER CORPORATION**

15260 HALLMARK CT.  
MACOMB, MI 48042



Blue nylon locking element



Blue nylon locking element



Blue nylon locking element



Blue nylon locking element



Blue nylon locking element



Blue nylon locking element

NK

NK

NYLOK

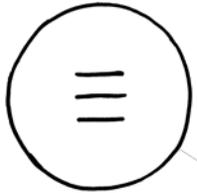
CAGE code: 59093

**OAKTREE FASTENERS CO.**  
12262 1/2 WOODRUFF AVE.  
DOWNEY, CA 90241

**OTF**

CAGE code:

**OBARS MACHINE & TOOL CO.**  
115-126 N. WESTWOOD AVE.  
TOLEDO, OH 43607



CAGE code: 0MKX0

**OCM MACHINE COMPANY, INC.**  
9601 HIGHWAY 80  
FORT WORTH, TX 76116 - 2689



CAGE code: 06XQ6

**OHIO NUT & BOLT CO., THE**  
DIV. OF FASTENERS INDUSTRIES, INC.  
33 LOU GROZA BLVD..  
BEREA, OH 44017-1293

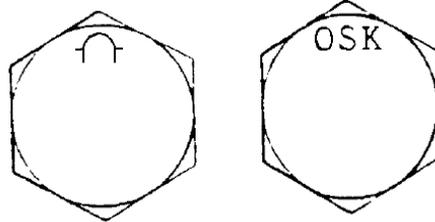


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on the underside of head

CAGE code: 76871

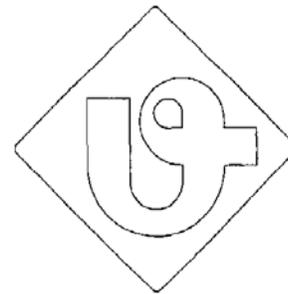
**OHKAWA SCREW MFG. CO., LTD.**  
2-25-16 MIDORIGAOKA,  
MEGURO-KU, TOKYO  
152 JAPAN

Plant  
6357-1 OBA, OHMIYA-MACHI,  
NAKA-GUN, LBARAGI-KEU  
319-21 JAPAN



CAGE code:

**OKABE CO., INC.**  
4-21-15 MUKOJIMA  
SUMIDA-KU, JAPAN 131-8505



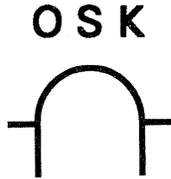
CAGE code: SP186

**OKAI IRON WORKS, INC.**  
12-41, 3 CHOME, TSURUHARA  
IZUMISANO CITY  
OSAKA, JAPAN 598

**OK**

CAGE code:

**OKAWA SCREW MANUFACTURING CO., LTD**  
2-20-4 HIGASHIGOTANDA  
SHINAGAWA-KU, 141-0022  
TOKYO



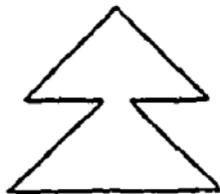
CAGE code:

**OMEGA THREAD ROLLING AND GRINDING INC.**  
54 LEWIS STREET  
P.O. BOX 129  
PLAINVILLE, CT 06062-0129



CAGE code: 06KW4

**ONEIDA TOOL & MACHINE CORP.**  
837 AIR PARK RD.  
RHINELANDER, WI 54501-8426



CAGE code: 0JHA0

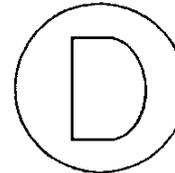
**ONO MANUFACTURER, INC.**  
602 FUJITA OKAYAMA-SHI,  
OKAYAMA-KEN 701-0221  
JAPAN

Plant  
3-800-46 TAMAHARA TAMANO-SHI,  
OKAYAMA-KEN 706-2555  
JAPAN



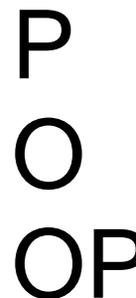
CAGE code:

**ONTIC ENGINEERING & MANUFACTURING, INC.**  
20360 PLUMMER ST.  
NORTH HOLLYWOOD, CA 91609-0510



CAGE code: 45934

**ORANGE PRECISION PARTS**  
17632 METZLER LANE, #C  
HUNTINGTON BEACH, CA 92647



CAGE code: 9V210

**ORC PRODUCTS INC.**

683 BAIN STREET  
SPRINGDALE, AR 72764



CAGE code: 6ENG8

**ORC-O TOOL & MACHINE, INC.**

75 SHAMROCK DRIVE  
SULLIVAN, MO 63080-2344

**ORC-O**

CAGE code: 0C1D0

**ORDNANCE PARTS & ENGINEERING CO.**

P.O. BOX 8035  
3152 C MAJOR ST  
FORT WORTH, TX 76112

**OP  
E**

CAGE code: 20800

**ORLOTRONICS CORP.**

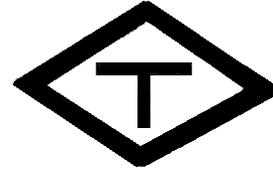
401 E. FOURTH STREET  
BRIDGEPORT, PA 19405-1815

**(OTC)**

CAGE code: 54267

**OSAKA SEIKI CO., LTD.**

1-19-14, MITEJIMA  
TOKYO 555  
JAPAN



CAGE code: S4247

**OSTEEN MACHINE SHOP**

RT. 1 BOX 2082  
ALVARADO, TX 76009



CAGE code: 8Y546

**OTO MELARA S.p.A.**

FINKECCANICA COMPANY  
VIA VALDILOCCHI 15  
LA SPEZIA 19136  
ITALY



CAGE code: A0199

**OTT BROTHERS MACHINE CO., INC.**

331 EAST 37TH STREET SOUTH  
WICHITA, KS 67216

**OB  
OBMC**

CAGE code: 09292

**OTTAWA PRODUCTS CO., INC.**  
1602 NORTH CURTICE RD.  
CURTICE, OH 43412

**OPC**

CAGE code: 4JBK8

**OWARI PRECISE PRODUCTS CO., LTD**  
2-148 YADA-CHO HIGASHI-KU NAGOYA-  
SHI  
AICHI-KEN, JAPAN



CAGE code: SC008

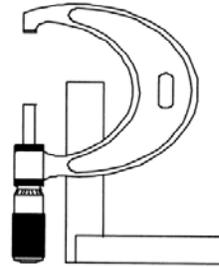
**P & I ASSOCIATES, INC.**  
26 WEST WAVERLY ROAD  
P.O. BOX 413  
GLENSIDE, PA 19038-4012

Plant  
#1 LIMEKILN PIKE  
GLENSIDE, PA 19038  
(No mail to this address)



CAGE code: 0DH98

**P & L ENTERPRISES**  
111 CR 4614  
CASTROVILLE, TX 78009



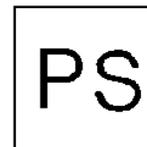
CAGE code: 058B7

**P.C.M., INC.**  
BETHLEHEM PIKE INDUSTRIAL CENTER  
P.O. BOX 840  
60 PARRISH ST.  
WILKES BARRE, PA 18710



CAGE code:

**P.S. MACHINE CO., INC.**  
1505 JOHN FETCH BLVD.  
S. WINDSOR, CT 06074-1000



CAGE code: 56839

**PABCOR, INC.**

925 NORTH CEDAR STREET  
P.O. BOX 7528  
NEW CASTLE, PA 16107-1323

PABCOR

CAGE code: OAGN7

**PACER ALLOYS, INC.**

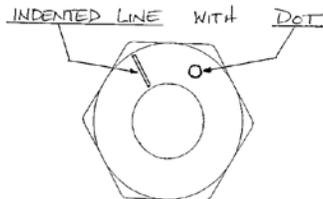
8681 SCRANTON STREET  
HOUSTON, TX 77075

V

CAGE code:

**PACIFIC FASTENERS, INC.**

405 UNIVERSITY AVENUE  
ARLINGTON HEIGHTS, IL 60004



CAGE code: 42918

**PACIFIC SCIENTIFIC**

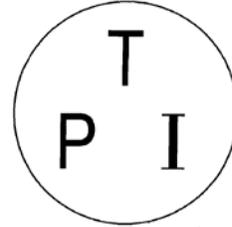
22715 SAVI RANCH PARKWAY  
P.O. BOX 87019  
YORBA LINDA, CA 92686

PS

CAGE code: 45402

**PACIFIC TOOL, INC.**

15235 NE 92ND STREET  
REDMOND, WA 98052



CAGE code: 62176

**PADGETT MACHINE INC.**

1226 NORTH 143rd EAST AVENUE  
TULSA, OK 74116-2120

PMI

CAGE code: 6W037

**PAINTER TOOL, INC.**

1173 IRIS DRIVE  
NORTH HUNTINGDON, PA 15642-4399

PTI

CAGE code: 34779

**PALNUT CO.**

UNITED CARR FASTENERS PALNUT DIV  
GLEN ROAD  
MOUNTAINSIDE, NJ 07092

PAL

CAGE code: 2G832

**PAOLO ASTORI SPA**  
VIA MIRABELLA 9 – 28013  
NOVARA, ITALY



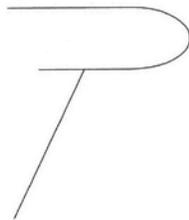
CAGE code: A3856

**PARK PRECISION CORPORATION**  
181 ELLIOT ST. UNIT 403  
BEVERLY, MA 01915



CAGE code: OJWS2

**PARKER FASTENERS, LLC**  
13765 W. AUTO DR., SUITE 122  
GOODYEAR, AZ 85338



CAGE code: 6YKZ1

**PATEREX, LTD.**  
CRAY AVE.  
ORPINGTON KENT BR5 3RR  
UNITED KINGDOM



CAGE code: 0BMF6

**PATTERSON LAKE PRODUCTS**  
P.O. BOX 200  
PINCKNEY, MI 48169



CAGE code: 5Y952

**PAULIN, H. & CO., LTD.**  
CAPITAL METAL INDUSTRIES DIVISION  
55 MILNE AVENUE  
SCARBOROUGH, ONTARIO MIL 4N3  
CANADA



CAGE code: 95119

**PB FASTENERS**

1700 WEST 132ND STREET  
GARDENA, CA 90249

**MFR 27624**



**PBF**

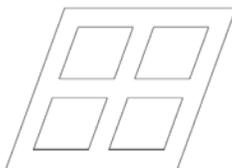
**PB**

CAGE code: 27624

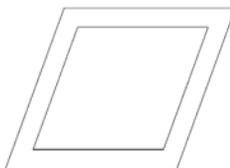
**PECO AEROSPACE FASTENERS**

4707 SE 17<sup>th</sup> AVENUE  
PORTLAND, OR 97202

plant  
361 S. SEQUOIA PRKWY  
CANBY, OR 97013



35° Rhombus with 4 smaller Rhombuses  
equally spaced, one in each quadrant of  
the larger Rhombus



35° Rhombus with 4 smaller Rhombuses  
removed (design is for smaller size  
fasteners)

CAGE code:

**PEERLESS SCREW PRODUCTS**

286 SANDBANK RD.  
P.O. BOX 236  
CHESIRE, CT 06410-1537



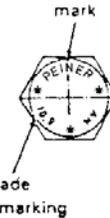
CAGE code: 45950

**PEINER UMFORMTECHNIK GmbH**

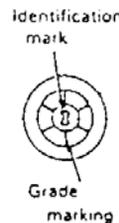
WOLTORFER STRASSE 26  
PEINE, 31224  
GERMANY



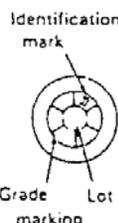
Grade  
marking



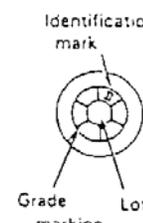
Grade  
marking



Identification  
mark  
Grade  
marking



Identification  
mark  
Grade  
marking Lot no.



Identification  
mark  
Grade  
marking Lot no.

CAGE code: D2742

**PELHAM AUTO MATRIX PRECISION**

1 INDUSTRIAL DRIVE  
PELHAM, NH 03076



CAGE code: 1CSJ5

**PENN CIGAR MACHINES INC**

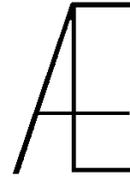
P. O. BOX 1065  
60 PARRISH STREET  
WILKES BARRE, PA 18703



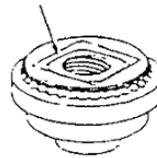
CAGE code: 7U218

**PENN ENGINEERING & MANUFACTURING CORP.**

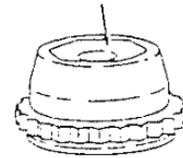
5190 OLD EASTON RD.  
DANBORO, PA 18916



Square insert in  
floating fasteners



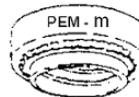
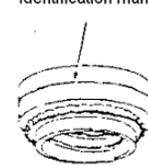
PEM trademark  
Blue - nylon® hexagon  
locking element



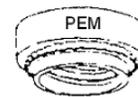
"Dimple" trademark



PEM 300™  
identification mark



PEM - m



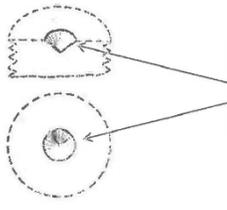
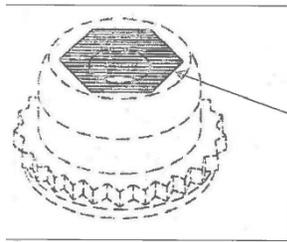
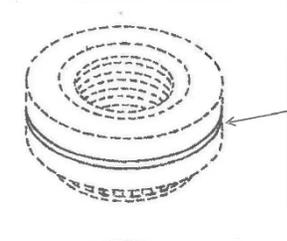
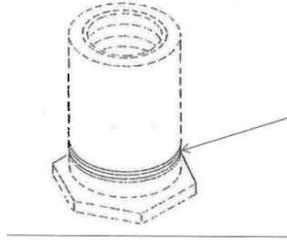
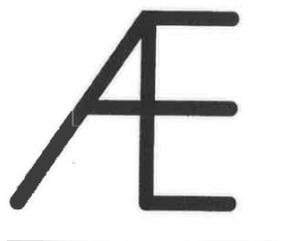
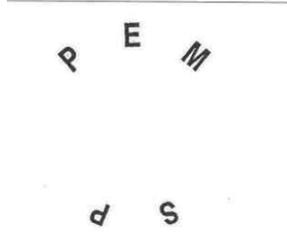
PEM

CAGE code: 46384

MIL-HDBK-57H (IS)  
APPENDIX A

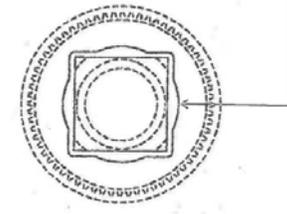
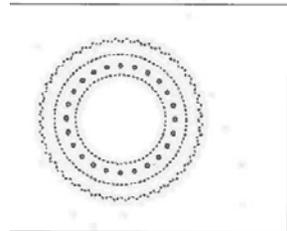
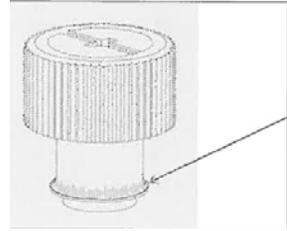
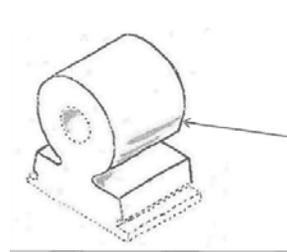
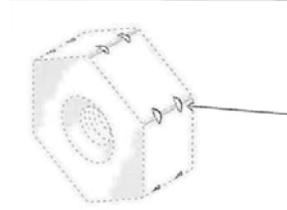
**PENN ENGINEERING & MANUFACTURING CORP.**

2400 LOWERY STREET  
WINSTON-SALEM, NC 27101

	<p>PEM Dimple (Registered Trademark)</p>
	<p>PEM Blue Nylon Locking Element (Registered Trademark)</p>
	<p>PEM Single Groove (Registered Trademark)</p>
	<p>PEM Two Groove (Registered Trademark)</p>
	<p>ATLAS AE Stamp (Registered Trademark)</p>
	<p>PEM Stamp (Registered Trademark)</p>

(Continued)

(Continued)

	<p>PEM Double Squares (Registered Trademark)</p>
	<p>PEM C.A.P.S. Dot Pattern (Registered Trademark)</p>
	<p>PEM Skirted Shoulder (Registered Trademark)</p>
	<p>PEM Circle on Pedestal (Registered Trademark)</p>
	<p>PEM Double Notch (Registered Trademark)</p>

CAGE code: 56C13

**PENN SCREW & MACHINE WORKS, INC.**

3075 ADVANCE LN.  
COLMAR, PA 18915

PSM  
PSM

CAGE code: 82926

**PENNEENGINEERING AUTOMOTIVE  
FASTENERS**

50625 DESIGN LANE  
SHELBY TOWNSHIP, MI 48315

PE

CAGE code: 50EB1

**PEREZ MACHINE, INC.**

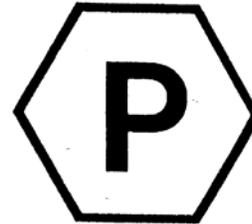
1501 W. 134TH STREET  
GARDENA, CA 90249

pmi

CAGE code: 34393

**PERIGEE MANUFACTURING COMPANY,  
INC.**

7519 INTERVALE  
DETROIT, MI 48238-2401



CAGE code: 1X4X7

**PERKINS MACHINE CO.**

1559 PINE STREET  
OXNARD, CA 93030

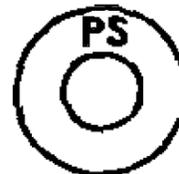


CAGE code: 84749

**PHOENIX SPECIALTY MANUFACTURING  
CO., INC.**

P.O. BOX 418  
BAMBERG, SC 29003

Plant  
HIGHWAY 301 SOUTH  
BAMBERG, SC 29003



CAGE code: 66920

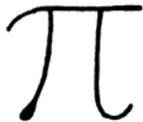
**PILGRIM SCREW CORP.**

120 SPRAGUE STREET  
PROVIDENCE, RI 02901

Plant  
259 DEXTER ST.  
PROVIDENCE, RI 02907  
CAGE code: 47253



Plant 2  
2875 WEST FRYE ROAD  
CHANDLER, AZ CHANDLER, AZ  
CAGE code: 1GP79



CAGE code: 47253, 1GP79

**PINE TAVERN MACHINE INC.**

7851 PINE TAVERN ROAD  
PERRY, NY 14530



CAGE code: 9J559

**PINEY RIDGE CO.**

177 JOSHUA ROAD  
SALUDA, SC 29138-7770



CAGE code: 05DT2

**PINTO PRODUCTS**

P.O. BOX 83  
2011 PALMER STREET  
KALAMAZOO, MI 49001



CAGE code: 0YJH8

**PIONEER MACHINE PRODUCTS, INC.**

2200 DOLMAN  
ST. LOUIS, MO 63104



CAGE code: 12829

**PIONEER SCREW & NUT CO.**

2700 YORK ROAD  
ELK GROVE VILLAGE, IL 60007



Indented hex heads and  
indented hex washer  
heads



All other head styles slash-  
dot symbol to appear on  
bearing surface upon  
request

CAGE code: 4N311

**PLAINVILLE MANUFACTURING CO., INC.**

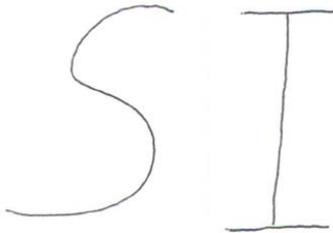
48 LEWIS ST.  
PLAINVILLE, CT 06062



CAGE code:

**PMB PRECISION PRODUCTS INC**

DBA SPARTAN INSTRUMENTS  
725 MOUNT AVENUE  
NORTH BABYLON, NY 11703



CAGE code: 747T4

**PNEU-HYDRO PRODUCTS, INC.**

353 RICHARD MINE ROAD  
WHARTON, NJ 07885



CAGE code:

**POINT MACHINE COMPANY**

P.O. BOX 8055  
33 CAMBRIDGE HEIGHTS  
KENSINGTON, CT 06037



CAGE code: 9N716

**POLYTECHNIC INDUSTRIES**

14 ROLAND AVE.  
MOUNT LAUREL, NJ 08054



CAGE code: 4K539

**PORTLAND BOLT & MFG., CO.**

P.O. BOX 2866  
1210 NW JOHNSON ST  
PORTLAND, OR 97208

Plant  
3441 NW GUAM ST  
PORTLAND, OR 97210-2688  
CAGE code: 3QCS3



CAGE code: 3S498, 3QCS3

**PORTSMOUTH NAVAL SHIPYARD**  
SEAVEY ISLAND  
KITTERY, ME 03904

A

CAGE code: 81316

**POSIMECH, INC.**  
15 INDUSTRIAL (SCOUTING) BLVD.  
MEDFORD, NY 11763

P

CAGE code: 0AXM0

**POWERPARTS, INC.**  
P.O. BOX 38557  
601 MCFARLAND STREET  
HOUSTON, TEXAS 77011

PP

CAGE code: 66297

**PRD FASTENERS LTD.**  
UNIT 10/15 MONMER CLOSE  
WILLENHALL, WV12 1JR  
UNITED KINGDOM

PRD

CAGE code: U8651

**PRECI-MANUFACTURING, INC.**  
400 WEAVER STREET  
WINOOSKI, VT 05404-1391



CAGE code: 66841

**PRECISE AERO PRODUCTS**  
4120 INDUS WAY  
RIVERSIDE, CA 92503-4808



CAGE code: 00AE2

**PRECISE OF CALIFORNIA**  
DIV OF ADJUSTABLE BUSHING CORP  
8330 LANKERSHIM BLVD.  
NORTH HOLLYWOOD, CA 91605



*Panel fastener*



*Quick-acting pins*

CAGE code: 62372

**PRECISION AIRCRAFT MACHINING CO.,  
INC.**

10640 ELKWOOD STREET  
SUN VALLEY, CA 91352

**PAMCO**

**PAM**

CAGE code: 66774

**PRECISION FITTINGS, INC.**

709 NORTH MAIN ST.  
WELLINGTON, OH 44090

**PF**

CAGE code: 92192

**PRECISION MACHINING COMPANY**

10709 TUBE DR., STE 160  
HURST, TX 76053

**FB**

CAGE code: 6ZF42

**PRECISION METAL PRODUCTS CO.**

#7 CENTENNIAL DRIVE  
CENTENNIAL INDUSTRIAL PARK  
PEABODY, MA 01961-6026



CAGE code: 4V472

**PRECISION PARTS & TOOL CO., INC.**

108 ROME STREET  
FARMINGDALE, NJ 11735

**L.P.R.**

CAGE code:

**PRECISION PIECE PARTS, INC.**

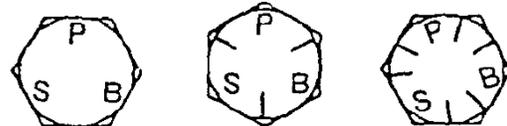
712 S. LOGAN ST.  
MISHAWAKA, IN 46544



CAGE code: 98072

**PRECISION SCREW & BOLT, INC.**

1491 CHARDON ROAD  
CLEVELAND, OH 44117-1598

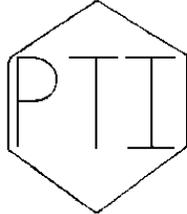


GRADE 2    GRADE 5    GRADE 8

CAGE code: 02BC3

**PRECISION TECHNOLOGIES, INC.**

1538 INDUSTRIAL AVE.  
OTTAWA, KS 66067



CAGE code:

**PRECISION THREADED PRODUCTS, INC.**

220 BUSINESS PARK ROAD  
BRISTOL, CT 06010



CAGE code: 02991

**PRECISIONMATICS CO., INC.**

HELMER AVE.  
WEST WINFIELD, NY 13491



CAGE code:

**PREM INDUSTRIES, INC.**

P.O. BOX 907  
NIAGRA FALLS, NY 14302

Plant  
574-56<sup>th</sup> ST.  
NIAGRA FALLS, NY 14304



CAGE code: 4Y327

**PRESTIGE STAMPING, INC.**

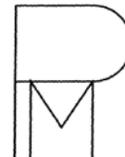
23513 GROESBECK HWY  
WARREN, MI 48089



CAGE code: 0AAB6

**PRICE MANUFACTURING CO.**

372 NORTH SMITH AVENUE  
CORONA, CA 91720



CAGE code: 1K6D8

**PRIETO MACHINE COMPANY, INC.**

1785 STOUT DRIVE  
UNIT D  
WARMINSTER, PA 18974



CAGE code: 8Y298

**PRODUCTS DESIGN & MFG. CORP.**

P.O. BOX 11429  
NEWINGTON, CT 06111

Plant  
76 STANWELL RD.  
NEWINGTON, CT 06111

**8M938**

CAGE code:

**PRODUCT DEVELOPMENT GROUP, INC.**

P.O. BOX 177  
ROSE HILLS, KS 67133



CAGE code: OMAR7

**PROFORMANCE MANUFACTURING, INC.**

1922 ELISE CIRCLE  
CORONA, CA 92879

**PMI**

CAGE code: 62F29

**PRODUCTION & TOOL COMPANY**

240 SARGENT DRIVE  
NEW HAVEN, CT 06511



CAGE code: 8N334

**PRO-MACHINE & TOOL COMPANY**

792 BLAKE BOTTOM RD.  
HUNTSVILLE, AL 35806



CAGE code: IDS66

**PROMPTUS ELECTRONIC HARDWARE**

520 HOMESTEAD AVENUE  
MT. VERNON, NY 10550



CAGE code: 57177

**PROTO MACHINE CO., INC.**

P.O. BOX 1240  
1295 GOLDEN TRIANGLE BLVD.  
KEELER, TX 76248



CAGE code: 0AWM2

**PTM INTERNATIONAL INC.**

8050 NW 31ST  
MIAMI, FL 33122



CAGE code: 0S6M6

**PURITAS METAL PRODUCTS**

7720 RACE RD  
NORTH RIDGEVILLE, OH 44039-3614



CAGE code: 04368

**PV ENGINEERING & MFG. INC.**

88 RABBIT ROAD  
SALISBURY, MA 01960



CAGE code: 1X5E2

**PYE & HOGAN MACHINE CO.**

P. O. BOX 832  
167-1 ELM ST  
OLD SAYBROOK, CT 06475-4134



CAGE code: 06320

**QRP, INC.**

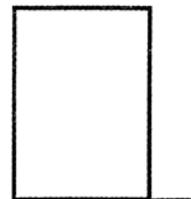
P.O. BOX 832  
2307 MERCANTILE DR NE  
LELAND, NC 28451-4065



CAGE code: 09094

**QSN MANUFACTURING, INC.**

201 FRONTIER WAY  
BENSENVILLE, IL 60106



CAGE code: 0MDU6

**QUALITY AIRCRAFT SCREWS, INC.**

1030-A ORTEGE WAY  
PLACENTIA, CA 92670



CAGE code:

**QUALITY BOLT & SCREW CO.**

10147 BRECKSVILLE RD.  
BRECKSVILLE, OH 44141-3205

Division of ELGIN FASTENER GROUP LLC

**QB**

CAGE code: 0BCN3

**QUALITY FABRICATIONS, INC.**

3270 WROLSSEN DRIVE  
SAUGERTIES, NY 12477



CAGE code: IJB77

**QUALITY MACHINE & MFG INC.**

1316 BLACK VALLEY ROAD  
LAFOLLETTE, TN 37766



CAGE code: 1DB71

**QUALITY SCREW PRODUCTS, INC.**

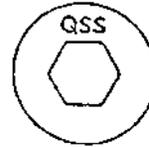
P.O. BOX 2355  
35101 SCHOOLCRAFT ROAD  
LIVONIA, MI 48151

**Q**

CAGE code: 4F051

**QUALITY SOCKET SCREW  
MANUFACTURING CORP.**

2790 NORTH AVE.  
ENGLEWOOD, IL 34224



Socket head cap screw head  
marked for I.D. QSS

CAGE code: 5N116

**QUALITY THREADED PRODUCTS  
COMPANY**

4734 HIGHWAY 157 N.  
JUDSONIA, ARKANSAS 72081

**QT**

CAGE code: 0RXV6

**R & D FASTENERS**

P. O. BOX 250  
9604 7TH ST  
RANCHO CUCAMONGA , CA 91730



CAGE code: 05BE3

**R & D WELDING & MACHINE INC.**

1200 GEORGIA AVE.  
WARNER ROBBINS, GA 31093



CAGE code: 1H3J7

**R & I ENTERPRISES**

DBA COMPULOGIC DESIGN CO.  
233 PAREDES LINE RD.  
BROWNSVILLE, TX 78521

R.I.E.

CAGE code: 1CHU5

**R & R PRECISION**

604 S. 9TH ST.  
GUNNISON, CO 81230

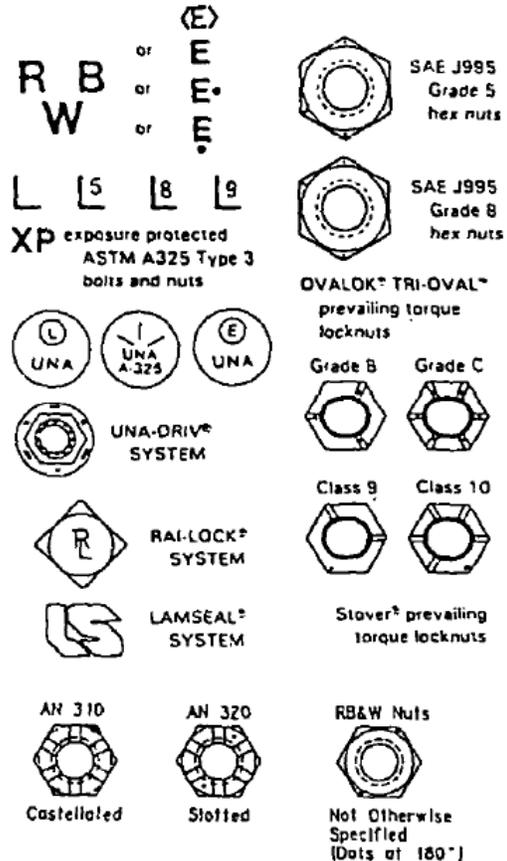
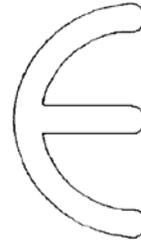


CAGE code: 0GKX6

**R B & W CORPORATION**

5190 BRADCO BLVD.  
TORONTO, ONTARIO  
CANADA

Plant  
DELAWARE CORPORATION  
8341 TYLER BLVD  
MENTOR, OH 44060

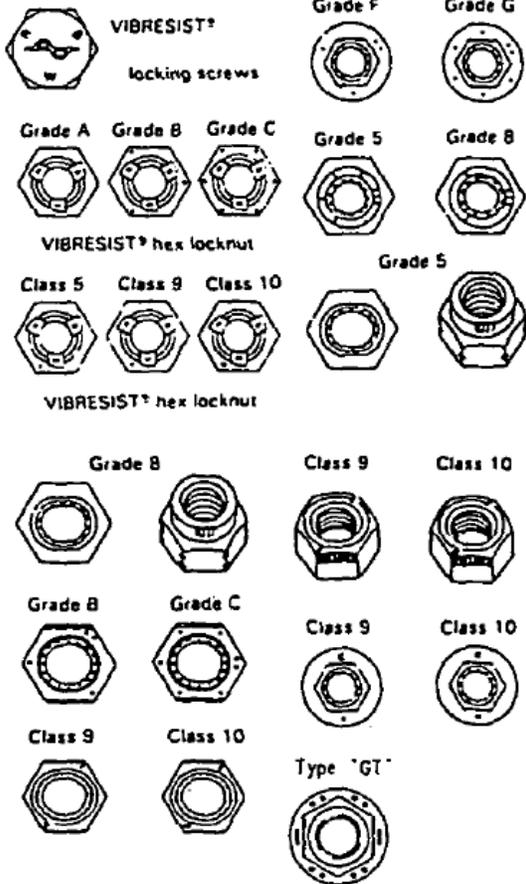


CAGE code: 52167

(Continued)

(Continued)

**R B & W CORPORATION**



CAGE code: 52167

**R. BILD COMPANY, INC.**

15205 STAGG STREET  
VAN NUYS, CA 91405-1003



CAGE code: 04QM7

**R.E.C. CORP.**

10 BEACH ST.  
MOUNT VERNON, NY 10550



Used on all alloy and stainless steel bolts, studs, and nuts over 1/2 inch in diameter.

CAGE code: 86687

**RABOURDIN**

ZI R DES MARAIS  
P.O. BOX BP 157  
ST. JUST EN CHAUSSEE,  
FRANCE 60130



CAGE code: F4870

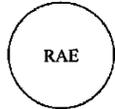
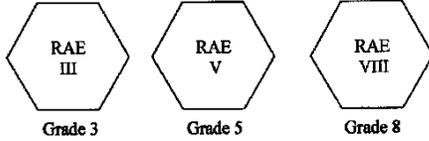
**RADAX INDUSTRIES, INC.**

700 BASKET ROAD  
WEBSTER, NY 14580



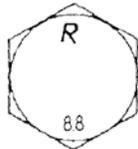
CAGE code: 6V794

**RAE MANUFACTURING CO.**  
1327-1331 CEDAR STREET  
PORT HURON, MI 48060-6167



CAGE code: 3FDT8

**RAHMEDE SCHRAUBENFABRIK**  
WEFELSHOHLER STR 44  
D-5880 LUDENSCHIED  
GERMANY



CAGE code: D9901

**RAINBOW MACHINE PRODUCTS, INC.**  
P.O. BOX 1906  
226 WILLIS ROAD  
YORK, PA 17405



CAGE code: 9S535

**RAM ENTERPRISES**  
1382 CORONADO ST  
LONG BEACH, CA 90804



CAGE code: OU3C8

**RAM PRODUCTS**  
AFS TORRANCE OPERATIONS  
3016 WEST LOMITA BLVD.  
TORRANCE, CA 90505-5103

NO LONGER IN BUSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS



CAGE code: 0CBU7

**RAM THREADING, INC.**  
P.O. BOX 987  
BEAUMONT, TEXAS 77704

Plant  
2640 CROCKETT  
BEAUMONT, TX 77701



Centered over grade of material being stamped

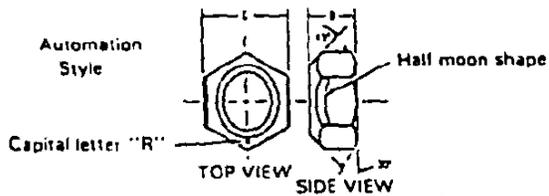
CAGE code: 1Y826

**RAMAR NUTS, INC.**  
18401 WEAVER ST.  
DETROIT, MI 48228



CAGE code: 4L633

**RAMCO SPECIALTIES, INC.**  
5369 HUDSON DRIVE  
HUDSON, OH 44236



CAGE code: 6U460

**RAMM DEFENSE PRODUCTS**  
3161 D MAJOR ST  
FORT WORTH, TX 76112-7270



CAGE code: 0BRC1

**RATHMANN WALTER G. SEGMENT-  
KLAMMERSCHRAUBEN GMBH**  
ALTE EMSER STRASSE 32  
KOBLENZ, 56077  
GERMANY



CAGE code: C6486

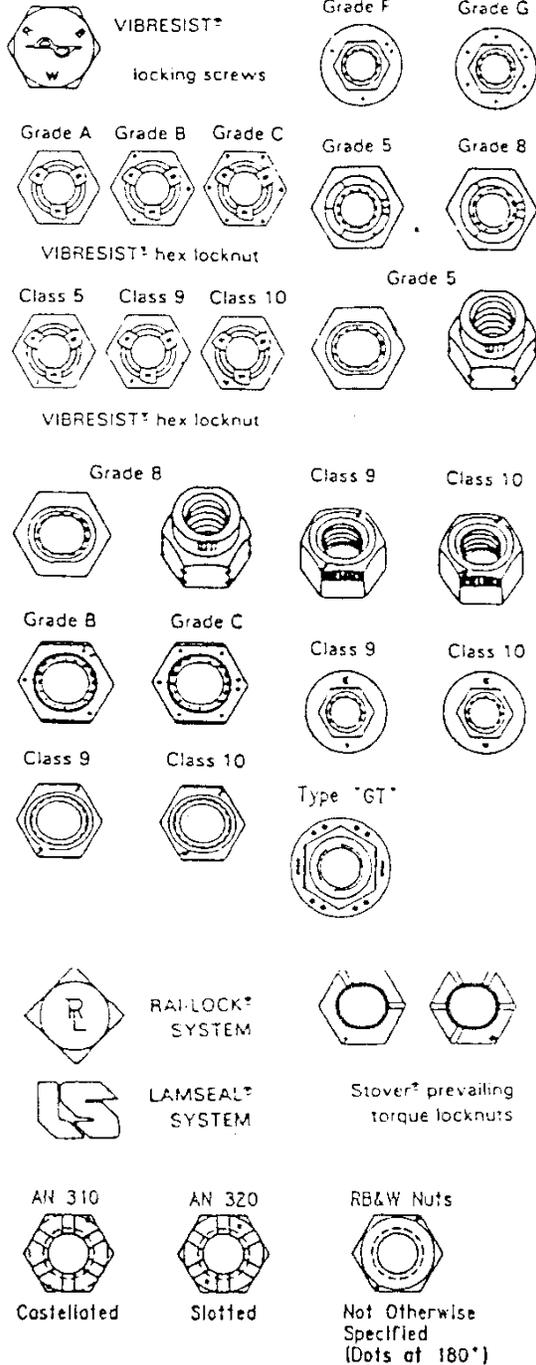
**RA-WHITE, INC**  
967 WEST HYDE PARK BOULEVARD  
INGLEWOOD, CA 90302



CAGE code: 5Y319

**RB & W CORP.**

23001 EUCLID AVE.  
CLEVELAND, OH 44117



CAGE code: 0VZJ0

**REED INSTRUMENT CO.**

1525 BLALOCK ROAD  
HOUSTON, TX 77080



CAGE code: 3B132

**REGAL AIR, INC.**

P.O. BOX 1011  
108 E. ALABAMA  
MT. PLEASANT, TX 75455

**4J976**

CAGE code: 4J976

**REID PRODUCT INC.**

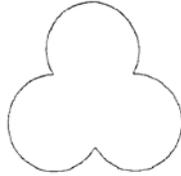
21430 WAALEW RD  
APPLE VALLEY, CA 92307

**Rp  
9R  
R9**

CAGE code: 59563

**RELIANT FASTENER**

201 E. 2ND STREET  
ROCK FALLS, IL 61071



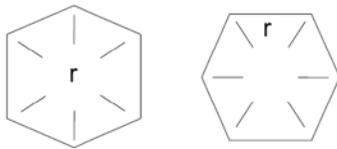
CAGE code:

**RELLI TECHNOLOGY, INC.**

1200 SOUTH ROGERS CIRCLE  
BOCA RATON, FL 33487



Raised or depressed character



CAGE CODE: 57550

**REPUBLIC FASTENER MANUFACTURING CORP.**

1300 RANCHO CONEJO BOULEVARD  
NEWBURY PARK, CA 91320-1405

NO LONGER IN BUSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS



CAGE code: 52828, 71087

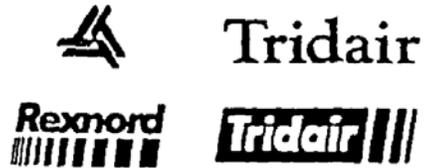
**REXNORD INC.**

SPECIALITY FASTENERS DIVISION  
3000 WEST LOMITA BLVD  
TORRANCE, CA 90505

NO LONGER IN BUSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS

TRIDAIR PRODUCTS  
3000 WEST LOMITA BLVD.  
TORRANCE, CA 90505



CAMLOC PRODUCTS  
601 ROUTE 46 WEST  
HASBROUCK HEIGHTS, NJ 07604



ROSAN PRODUCTS  
3130 W. HARVARD ST.  
SANTA ANA, CA 92704



CAGE code: 76017

**RICHARD MANNO & CO., INC.**

42 LAMAR ST  
WEST BABYLON, NY 11704

R/M

CAGE code: 0RGV4 & 3BFK5

**RICHARD MFG. CO., INC.**

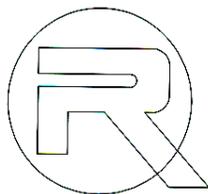
250 ROCK LANE  
MILFORD, CT 06460-3853



CAGE code: 4A014

**RINCO TECHNOLOGIES, INC.**

10275 PHILADELPHIA CT.  
RANCHO CUCAMONGA, CA 91730



CAGE code: 4NG33

**RING SCREW WORKS**

10160 GAINEY RD  
HOLLY, MI 48442 - 9331

**FENTON HEADING**

2480 OWEN RD.  
FENTON, MI 48430-1769  
CAGE code: 7M992



**FERNDALE FASTENER**

31600 STEPHENSON HIGHWAY  
MADISON HEIGHTS, MI 48071



**RING SCREW DIVISION**

22100 SHERWOOD AVE.  
WARREN, MI 48091



**SEMCO FASTENER**

4146 EAST BALDWIN RD.  
HOLLY, MI 48442



**TITAN FASTENER**

10031 HOLLY RD.  
HOLLY, MI 48442



CAGE code: 0B2C8

**RIPA ENGINEERING CORP.**

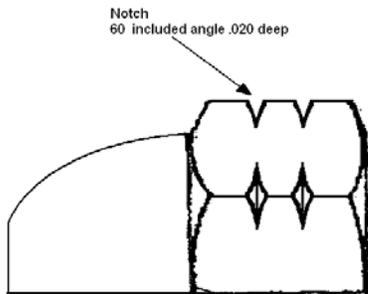
9555 OWENSMOUTH AVE.  
UNIT # 7 & 8  
CHATSWORTH, CA 91311

**RIPA**

CAGE code: 3R930

**RIPPA PRODUCTS**

P.O. BOX 328  
5 MILE POINT RD  
MOHAWK, MI 49950



CAGE code: 0R7Z5

**RISCO, INCORPORATED**

390 RISCO CIRCLE  
BEAUMONT, CA 92223-2676

**01DC**

CAGE code: 6W027

**RIVER VALLEY TOOL & MANUFACTURING**

P. O. BOX 64  
260 AIRPORT INDUSTRIAL ROAD  
PARIS, AR 72855

**RVT**

CAGE code: 3K1M6

**RIVNUT ENGINEERED PRODUCTS, INC.**

2705 MARION DRIVE  
KENDALLVILLE, IN 46755

**REP**

CAGE code: 0VK23

**RMS**

1125 W ACACIA AVE  
HEMET, CA 92543

**R M S**

CAGE code:

**ROBBINS MANUFACTURING**

P.O. BOX 704  
1200 AIRPORT ROAD  
FALL RIVER, MA 02722



CAGE code: 8T312

**ROBERT HENRY CO., INC.**

87 OPAL STREET  
MILFORD, CT 06460



CAGE code: 9J112

**ROCKFORD BOLT & STEEL CO.**

126 MILL ST  
ROCKFORD, IL 61101-1491



CAGE code: 90483

**ROCKFORD FASTENERS INC.**

P.O. BOX 884  
ROCKFORD, IL 61105

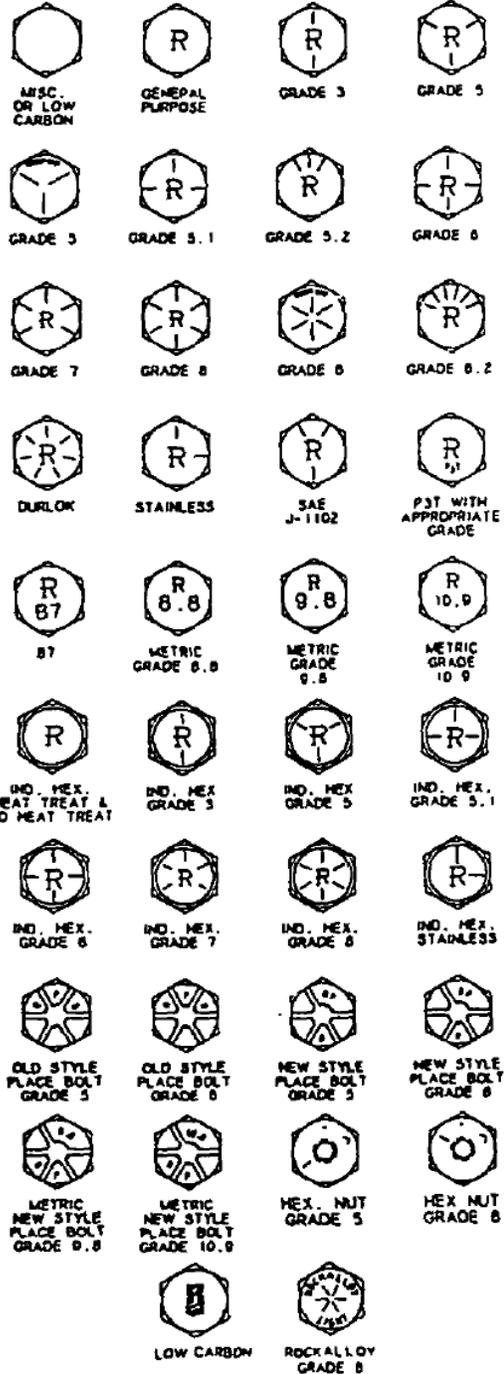
Plant  
725 SOUTH STREET  
ROCKFORD, IL 61102



CAGE code: 0B998

**ROCKFORD PRODUCTS CORP.**

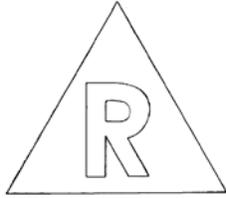
707 HARRISON AVE  
ROCKFORD, IL 61108



CAGE code: 77595

**ROGG MANUFACTURING COMPANY**

600 DANBURY ROAD  
NEW MILFORD, CT 06776



CAGE code: 08625

**ROSAN PRODUCTS**

3018 WEST LOMITA BLVD.  
TORRANCE, CA 90505-5103

NO LONGER IN BUSINESS

see REXNORD INC.



CAGE code: 83324

**ROLAND AEROSPACE**

13429 SOUTH WESTERN AVENUE  
UNIT G  
GARDENA, CA 90249

**ROL**

CAGE code: 63EM5

**ROTAIR INDUSTRIES, INC.**

P.O. BOX 4098  
964 CRESCENT AVE  
BRIDGEPORT, CT 06607-1025



Rubber stamped  
on fasteners

**54878**

Commercial and Government Entity  
(CAGE) number affixed or rubber

CAGE code: 54878

**ROMAC ELECTRONICS, INC.**

155 E. AMES CT.  
PLAINVIEW, NY 11803

**8T968**

CAGE code: 8T968

**RS MANUFACTURING, INC.**

INDUSTRIAL PARK BLVD.  
MENTOR, OH 44060

**RS**



CAGE code: 0MYK3

**RONSON MANUFACTURING, INC.**

9933 CHILLICOCTHE ROAD  
KIRKLAND, OH 44094

**R**

CAGE code: 2X146

**RUDOLPH INSTRUMENTS, INC.**

400 MORRIS AVE STE 120  
DENVER, NJ 07834-1362



CAGE code: 23262

**RUDOLPH PRECISION PRODUCTS**

50 NEW STREET  
WAYNE, NJ 07470

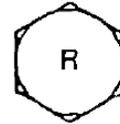
Plant  
50 S CENTER STREET, UNIT 8  
ORANGE, NJ 07050



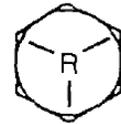
CAGE code: 4AD23

**RUMCO, INC.**

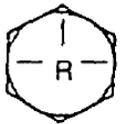
985 PAULY DR.  
ELK GROVE VILLAGE, IL 60007-1312



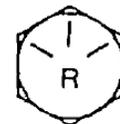
GRADE 2



GRADE 5



GRADE 5.1



GRADE 5.2



GRADE 8

CAGE code: 6Z992

**RUSCOMB TOOL & MACHNE CO., INC.**

500 W. RUSCOMB STREET  
PHILADELPHIA, PA 19120



**RTM**

CAGE code: 07952

**S & L METAL PRODUCTS CORP.**

5829 57TH DR  
MASPETH, NY 11378-2232

**S&L**

CAGE code: 05722

**S & L TOOL**

36080 INDUSTRIAL ROAD  
LIVONIA, MI 48150

**SL**

CAGE code: 5C304

**S. B. E. (ITALY CORPORATION)**

VIA ENRICO DERMI  
20019 SETTIMO  
MILANESE, ITALY

**SBE**

CAGE code:

**S.A.B.A. S.p.A. BULLONERIA E. AFFINI**

VIA LIGURIA 11/13,  
20098 SESTO ULERIANO  
FRAZ. DI S. GUILLANO M.SE  
MILANO, ITALY

**A.L.**

CAGE code:

**S.I. STUD, INC.**

1127 SILBER RD.  
HOUSTON, TX 77055



CAGE code:

**SABRE MANUFACTURING, INC.**

P.O. BOX 11386  
201 S. CHERRY ST.  
SOUTH BEND, IN 46601

**S**

CAGE code: 0GN74

**SAFETY SOCKET LLC.**

6501 N. AVONDALE AVENUE  
CHICAGO, IL 60631

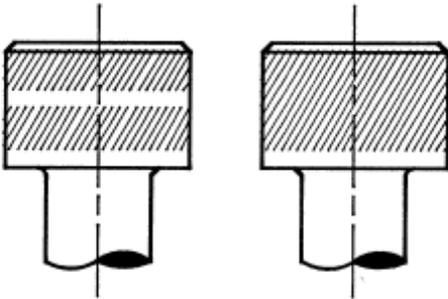


CAGE code: 82896

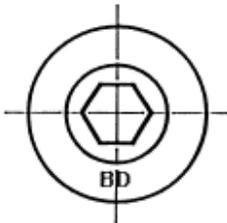
**SAFETY SOCKET SCREW CORP.**

6501 NORTH AVONDALE AVE.  
CHICAGO, IL 60631

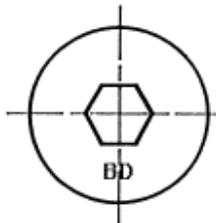
INCH SOCKET HEAD CAP SCREWS



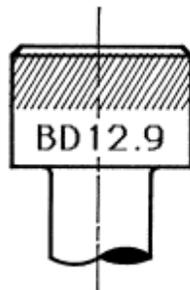
BUTTON HEAD CAP SCREWS



FLAT HEAD CAP SCREWS AND SOCKET HEAD SHOULDER SCREWS



METRIC SOCKET HEAD CAP SCREWS



\*BD\* AND THE 60° DIAGONAL KNURL ARE REGISTERED TRADEMARKS OF SAFETY SOCKET SCREW CORPORATION FOR THE PURPOSE OF MANUFACTURERS IDENTIFICATION

BD BDM

CAGE code: 82896

**SAGA TEKKOSHO CO., LTD.**

129-3 TAKAYA  
FUJISAWA-CITY KANAGAWA PREF.,  
JAPAN



CAGE code:

**SAI INDUSTRIES CORP.**

1207 FULTON AVENUE  
SAN ANTONIO, TX 78201-4501



CAGE code: 1KQ10, 63095

**SALEM MANUFACTURING AND SALES, INC.**

2856 BANWICK RD.  
COLUMBUS, OH 43232

SMS

CAGE code: 57140

**SALES SYSTEM, LIMITED**

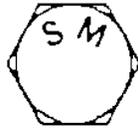
P.O. BOX 7006  
700 FLORIDA AVE.  
PORTSMOUTH, VA 23707-1918



CAGE code: 8F411

**SAMUEL MARSDEN & SON**

WELLINGTON RD.  
ASHTON UNDER LYNE,  
LANCASHIRE OL6 7EG  
UNITED KINGDOM



CAGE code:

**SANTA ANA SCREW PRODUCTS INC.**

SANTA ANA, CA 92701



CAGE code: 33644

**SANDIK MANUFACTURING, INC.**

100 8TH STREET  
PASSAIC, NJ 07055



CAGE code: 6U704

**SATAIR MANUFACTURING FACILITY**

PURDEYS WAY  
PURDEYS INDUSTRIAL ESTATE  
ROCHFORD, ESSEX, SS5 4JJ  
UNITED KINGDOM

**SMF**

CAGE code: K4975

**SANNOHASHI SEISAKUSHO CO., LTD.**

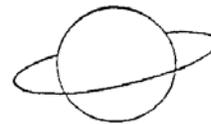
2-1-18 OKINO ADACHI-KU  
TOKYO 123  
JAPAN



CAGE code:

**SATURN FASTENERS, INC.**

425 SOUTH VARNEY ST.  
BURBANK, CA 91502-2125



CAGE code: 0K6Z0

**SANTA ANA GEAR & MACHINE**

15201 PIPELINE LN.  
HUNTINGTON BEACH, CA 92649



CAGE code:

**SCANDIA MFG. CO., INC.**

480 BRUNSWICK ST.  
BALTIMORE, MD 21223-2745

**SCA**

CAGE code: 00997

**SCHMICO GMBH SCHWEISSTECHNIK**

P. O. BOX 12 29  
PETER-LINNARTZ-STRASSE  
JUELICH 52428,  
GERMANY



CAGE code: C15191

**SCHRAUBENFABRIK GUSTAV  
STERNBERG GmbH & CO. KG**

1000 BERLIN 27  
BREITENBACHSTRASSE 11-12  
GERMANY



Symbol may be raised or struck in.

CAGE code:

**SCHUHL & CO. GMBH**

AUF DER HUTTE 31  
WINTERBURG 59955  
GERMANY

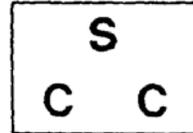


CAGE code: C3639

**SCOTT CRAFT CO.**

P.O. BOX 430  
BELL, CA 90201

Plant  
4601 CECELIA STREET  
CUDAHY, CA 90201



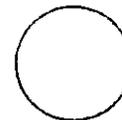
CAGE code: 28418

**SCREWCORP**

13001 EAST TEMPLE AVE.  
CITY OF INDUSTRY, CA 91714

NO LONGER IN BUSSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS



Indented circle on all fasteners,  
except machine screws.

CAGE code: 9H901

**SEILER INSTRUMENT AND  
MANUFACTURING COMPANY, INC.**

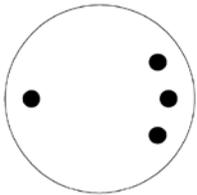
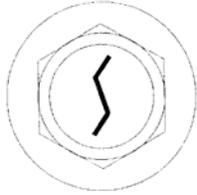
3433 TREE COURT INDUSTRIAL BLVD.  
SAINT LOUIS, MO 63122

11934

CAGE code: 11934

**SEMBLEX CORPORATION**

199 W. DIVERSEY AVE  
ELMHURST, IL 60126

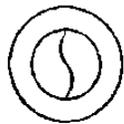


CAGE code: 4M343

**SEMCO FASTENER**

4146 EAST BALDWIN RD.  
HOLLY, MI 48442

see RING SCREW WORKS



CAGE code: 0B2C8

**SEMS AND SPECIALS, INC.**

6483 FALCON RD.  
ROCKFORD, IL 61109

01IG

CAGE code: 5B4N5

**SENG HENG ENGINEERING PTE LTD.**

NO. 3 EUNOS AVE. 8A  
SINGAPORE 409458  
REPUBLIC OF SINGAPORE



CAGE code:

**SESCO INDUSTRIES, INC.**

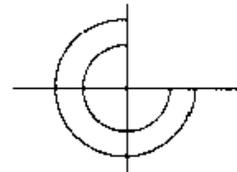
P. O. BOX 242  
110 - 19 15TH AVENUE  
COLLEGE POINT, NY 11356



CAGE code: 0KH97

**SET SCREW & MFG. CO.**

1210 ST. CHARLES STREET  
ELGIN, IL 60120



CAGE code: 1T4U7

**SHACKELFORD MACHINIG, INC.**

2407 LUDELLE ST.  
FORT WORTH, TX 76105-0755

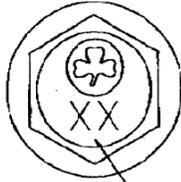


CAGE code: 4K446

**SHAMROCK FASTENER TECHNOLOGIES, LLC.**

6125 18 MILE ROAD  
STERLING HEIGHTS, MI 48314

SHAMROCK IN CIRCLE



GRADE  
DESIGNATION

SFT LOGO



GRADE  
DESIGNATION

CAGE code: 05CF6

**SHAW PRECISION GRINDING & THREADING**

6503 W. FRYE RD.  
SUITE 6  
CHANDLER, AZ 85226

SALES ADDRESS:  
see ACE GRINDING & MFG. OF TEXAS  
2610 AERO DR.  
GRAND PRAIRIE, TX 75052  
CAGE code: 5U074

**SPG**

CAGE code: 1KRG8

**SHEFFIELD, INC.**

1025 WINCHESTER AVE.  
KANSAS CITY, MO 64126



CAGE code: 68567

**SHEREX FASTENING SOLUTIONS, LLC**

400 RIVERWALK PARKWAY, SUITE 600  
TONAWANDA, NY 14150

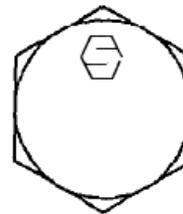
Plant  
850 MOE DRIVE  
AKRON, OH 44310



CAGE code: 7EK30

**SHIGA BOLT CO., LTD.**

OTSU 423 MINAMI-TSUCHIYAMA  
TSUCHIYAMA-CHO, KOHGA-GUN SHIGA-  
KEN 528-02  
JAPAN



CAGE code:

**SHOPCO MANUFACTURING, INC.**

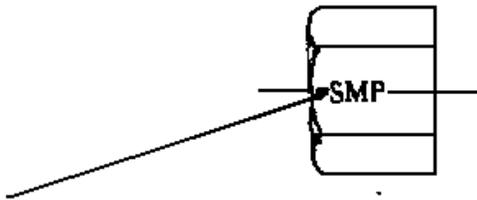
1125 S. CEDAR HILL RD.  
CEDAR HILL, TX 75104

**SC OR 1HEW6**  
Contoured to fit parts

CAGE code: 1HEW6

**SHORELINE MACHINE PRODUCTS, INC.**

19301 ST. CLAIR AVENUE  
CLEVELAND, OH 44117



SMP will be applied to this surface to denote  
Shoreline Machine Products as manufacturer.

CAGE code: 1VN42

**SHUR-KUT SUPPLY CORPORATION**

7 MT. PLEASANT DR.  
ASTON, PA 19014



CAGE code: 6R002

**SHUR-LOK COMPANY.**

2541 WHITE ROAD  
IRVINE, CA 92614 - 6235

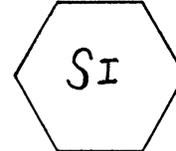


CAGE code: 97393

**SIERRA PACIFIC SUPPLY CO., INC.**

P. O. BOX 4848  
COMPTON, CA 90224

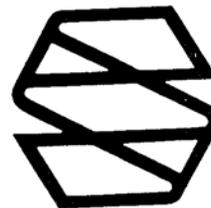
Plant:  
1801 W EL SEGUNDO BLVD  
COMPTON, CA 90224



CAGE code: 5G098

**SIERRACIN/HARRISON**

3020 EMPIRE AVENUE  
BURBANK, CA 91504



CAGE code: 08199

**SIMFER PRECISION MACHINE**

42 MANNING RD.  
BILLERICA, MA 01821

02KS2

CAGE code: 02KS2

**SIMMONDS PRODUCTS**

9 RUE DES CRESSONNIERES  
72110 ST. COSME-EN-VAIRAIS  
FRANCE

NO LONGER IN BUSSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS

SD

CAGE code: F0224

**SINN-TECH, INC.**

48 GLEAM STREET  
WEST BABYLON, NY 11704



CAGE code: 9J550

**SKY CLIMBERS FASTENERS, LLC**

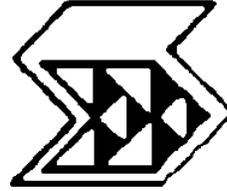
1800 PITTSBURGH DRIVE  
DELAWARE, OH 43015

SCF

CAGE code: 7TNP1

**SKYLINE INDUSTRIES**

1201 FORUM WAY SOUTH  
FORT WORTH, TX 76140



CAGE code: 09986

**SKYSPARES PARTS, INC.**

6660 VIEW PARK COURT  
RIVERSIDE, CA 92503



CAGE code: 6M132

**SLABE MACHINE PRODUCTS**

4659 HAMANN PARKWAY  
WILLOUGHBY, OH 44094



CAGE code: 97139

**SMALL PARTS MANUFACTURING CO.,  
INC.**

4401 NE MLK JR. BLVD.  
PORTLAND, OR 97211

SPM  
INC

CAGE code: 3K749

**SONFARREL, INC.**

3000-3010 LA JOLLA ST.  
ANAHEIM, CA 92806



CAGE code: 09036

**SMITH MACHINE & MANUFACTURING**

RT. 4 P.O. BOX 283  
CANTON, TX 75103

SM&M

CAGE code: 0MAJO

**SONIC INDUSTRIES, INC.**

20030 SO. NORMANDIE AVE.  
TORRANCE, CA 90502



CAGE code: 57928

**SMITH WELDING, INC.**

756 PRUNNER ROAD  
RIDDLE, OR 97469

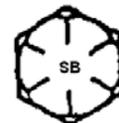
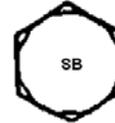
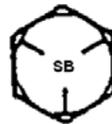


CAGE code: 1GQX1

**SOUTH BAY BOLT MANUFACTURING CO.**

P.O. BOX 5805  
COMPTON, CA 90224

Plant  
1775 W. El Segundo Blvd.  
Compton, CA 90222



CAGE code: 2P339

**SOUTHCO, INC.**

210 N. BRINTON LAKE ROAD  
CONCORDVILLE, PA 19331

Plant  
SOUTHCO, INC. – TECATE  
PROLONGACIAN, AV JUAREZ #999  
FRACC. EL REFUGIO  
TECATE, B.C., 21440 MEXICO

**southco**

CAGE code: SV287

**SOUTHWEST ALLIED PRODUCTS CO.,  
INC.**

299 HILL RD.  
VANLEER, TN 37181



CAGE code: 6P461

**SOUTHERN FASTENER CORPORATION**

P. O. BOX 1387  
1641 CONCEPTION STREET ROAD  
MOBILE, AL 36610

**SF**

CAGE code: 1K461

**SOUTHWEST INDUSTRIAL SERVICES**

P. O. BOX 9084  
FT. WORTH, TX 76147

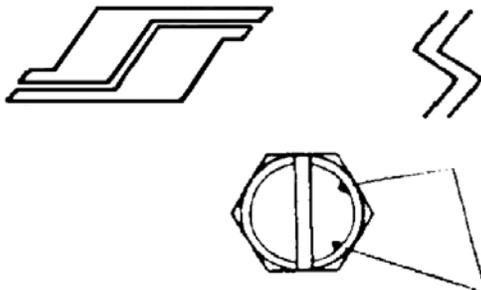
Plant  
2413 WHITMORE  
FT. WORTH, TX 76147

SI

CAGE code: 6H920

**SOUTHERN FASTENING SYSTEMS**

P.O. BOX 1360  
STATESVILLE, NC 28677



*2 notches for slotted heads only*

CAGE code: 87308

**SOUTHWIND INDUSTRIES, INC.**

P.O. BOX 98  
1646 OILD BUTLER PLANK RD.  
PITTSBURGH, PA 15200



CAGE code: 0DTJ0

**SPACE AGE ENGINEERING, INC.**

4022 E. 26TH STREET  
INDIANAPOLIS, IN 46218

SAE

CAGE code: 29953

**SPACE CITY SCREW & MFG., INC.**

21101 MCCLAIN RD.  
CONROE, TX 77306

01FF

CAGE code:

**SPACE SCREW, INC.**

106 STANDARD ST.  
EL SEGUNDO, CA 90245

SpSc

CAGE code: 0GE51

**SPACE-LOK, INC.**

13306 HALDDALE AVE.  
GARDENA, CA 90249

SLI

CAGE code: 16258

**SPARTAN PRECISION MACHINE**

131 ALBANY AVE  
FREEPORT, NY 11520



CAGE code: 2M198

**SPEARMAN AEROSPACE**

9215 GREENLEAF AVE.  
SANTA FE SPRINGS, CA 90760

SA MFG

CAGE code: 8F922

**SPECIALS, INC.**

P.O. BOX 514  
103 MAINLINE DRIVE  
WESTFIELD, MA 01086-0514



CAGE code: 0WVC1

**SPECIAL-T-METALS**

P.O. BOX 14810  
LENEXA, KS 66215

Plant  
14740 WEST 101 TERRACE  
LENEXA, KS 66215

STM

CAGE code: 8U495

**SPECIALTY SCREW CORP.**

P.O. BOX 5003  
ROCKFORD, IL 61125

Plant  
2801 HUFFMAN BLVD.  
ROCKFORD, IL 61103



CAGE code: 1WQE5

**SPENCER AEROSPACE  
MANUFACTURING, LLC**

9131 GLENOAKS BLVD.  
SUN VALLEY, CA 91331



CAGE code: 6Z7R5

**SPIRAL TOOL CORP.**

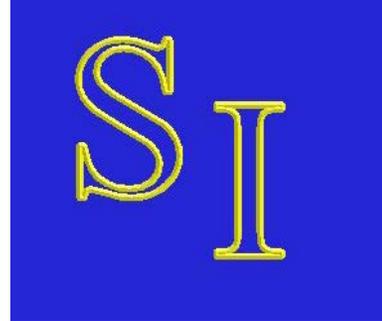
761 ROUTE 6  
SHOHOLA, PA 18458



CAGE code: 02108

**SPRING INTERNATIONAL**

23594 DOGWOOD TRAIL DRIVE, STE A  
HOCKLEY, TX 77447



CAGE code: 75PX7

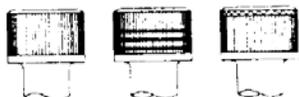
**SPS TECHNOLOGIES**

FASTENER DIVISION CORPORATE  
HEADQUARTERS  
301 HIGHLAND AVENUE  
JENKINTOWN, PA 19046-2630  
CAGE code: 56878

*The following characters (used alone or in combination with other digits/ letters which designate material, size, strength grade or part number) indicate SPS as manufacturing source:*

C	K	U
CCS	K-5673	U130
EWB	KS	UNBRAKO
EWN	S	UNW
FNF	SPS	56878
HI PSI	TJB	71838
HI TI	TM9	80539

For "inch" socket head cap screws



*Straight knurls with an unknurled band adjacent to the bearing surface on socket heads. The diameter over the straight knurl does not exceed the band. There may be 2 or 3 grooves near the band or a diamond knurl band at top of head.*



*A raised or depressed triangle pointing from the wrenching flat toward thread on nut products.*



**S-C** used on metal nuts

SANTA ANA DIVISION  
271 SO. HARBOR BLVD.  
SANTA ANA, CA 92704-1259  
(Cage 80539)

**SPS SPS S S**

CAGE code: 56878, 80539

(Continued)

(Continued)

T. J. BROOKS DIVISION  
191, BARKBY ROAD'  
TROON INDUSTRIAL AREA  
LEICESTER  
LE4 9HX, UNITED KINGDOM  
(Cage K5673)



NORTH AMERICAN FASTENERS  
AFG DIV  
4444 LEE ROAD  
CLEVELAND, OH 44128-2902  
(Cage 1C5D9)



TERRY MACHINE  
NORTH AMERICAN FASTENERS  
5331 DIXIE HWY  
WATERFORD, MI 48329  
(Cage 495T1)



SPS TECHNOLOGIES (Cage U3575)  
P O BOX 38  
BURNABY ROAD  
COVENTRY  
CV 6 AE, UNITED KINGDOM

SPS INTERNATIONAL LTD. (Cage S3329)  
UNBRAKO SHANNON  
BAYS 25-30 SHANNON INDUSTRIAL  
ESTATE,  
SHANNON, COUNTRY CLARE, IRELAND

METALAC SPS INDUSTRIA E  
COMERCIO LTDA.  
AVENIDA ITAVUVU, 4690  
18078-005 SOROCABA (SP), BRAZIL

**TELLEP TLP T**



CAGE code: K5673, IC5D9, 495T1, U3575,  
S3329

(Continued)

(Continued)  
UNBRACO PTY LTD. AUSTRALIA  
P.O. BOX 3138 NUNAWADING  
VICTORIA 3131, AUSTRALIA

**U UM**

SPS TECHNOLOGIES LIMITED  
T/A UNBRACO UK  
CRANFORD STREET  
SMETHWICK  
B66 2TA, UNITED KINGDOM

**TBJ**

CAGE code: U3575

SPS TECHNOLOGIES LIMITED  
TJ BROOKS DIVISION  
191 BARKBY ROAD  
TROON INDUSTRIAL AREA  
LEICESTER  
LE4 9HX, UNITED KINGDOM

**TBJ**

CAGE code: K5673

**SPURWAY COOKE INDUSTRIES PTE LTD.**  
2, JOO KOON ROAD  
JURONG SINGAPORE 628966  
REPUBLIC OF SINGAPORE

**S  
C I**

CAGE code:

**SRI SAI INDUSTRIES CORPORATION**

1207 FULTON AVENUE  
SAN ANTONIO, TX 78201-5104



CAGE code: 63095

**ST. LOUIS SCREW & BOLT CO.**

6900 NORTH BROADWAY  
ST. LOUIS, MO 63147



**TYPE I**



**TYPE III**

CAGE code:

**STACY MACHINE & TOOLING, INC.**

2810 INDUSTRIAL LANE  
BROOMFIELD, CO 80020



CAGE CODE: 1TT84

**STALKER & DYSTHE, INC.**  
5100 E. WASHINGTON BLVD.  
LOS ANGELES, CA 90040

**SD**

CAGE code: 6D696

**STANDARD LOCKNUT, INC.**  
P. O. BOX 780  
1045 EAST 169TH STREET  
WESTFIELD, INDIANA 46074

**SLI**

CAGE code: 78507

**STANDARD NUT & BOLT, INC.**  
49 ABBOTT ST.  
CUMBERLAND, RI 02864

**S**

CAGE code: 758C9

**STANDARD TOOL & MACHINE CO.**  
205 E. CARSON ST.  
PITTSBURGH, PA 15219

Plant  
208 WOODLAND RD.  
BIAWNOX, PA 15238

See HALL INDUSTRIES

**stm**

CAGE code: 0KA69

**STAR-GLO INDUSTRIES LLC**  
2 CARLTON AVE.  
EAST RUTHERFORD, NJ 07073

**SGI**

CAGE code: 17384

**STEADFAST CORPORATION**  
229 MARGINAL ST.  
CHELSEA, MA 02150

**STEADFAST**  
Corporation

CAGE code: 9X854

**STEEL CITY BOLT & SCREW, INC.**

P.O. BOX 1747  
BIRMINGHAM, AL 35201

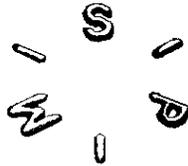
Plant  
230 WEST VALLEY AVE.  
BIRMINGHAM, AL 35209

**SCB**

CAGE code: 3N642

**STEEL PRODUCTS OF MASSILLION**

132 WALNUT RD S.W.  
MASSILLION, OH 44646



CAGE code: 0698X

**STEEL WAREHOUSE COMPANY, INC.**

2722 WEST TUCKER DRIVE  
BOX 1377  
SOUTH BEND, IN 46624



CAGE code: 0R1J8

**STELCO FASTENER & FORGING CO.**

1250 APPLEBY LINE  
BULINGTON, ONTARIO L71 5G6  
CANADA



*Stelco trademark  
for most  
fasteners*



*Most other nuts  
and bolts,  
including metric*



**SAE Grade 5  
hex nuts**



**SAE Grade 8  
hex nuts**

**CONELOK LOCKNUTS**

*Inch series*

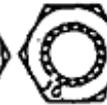
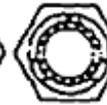


**Grade B**



**Grade C**

*Metric series*



**Class 5**

**Class 9**

**Class 10**

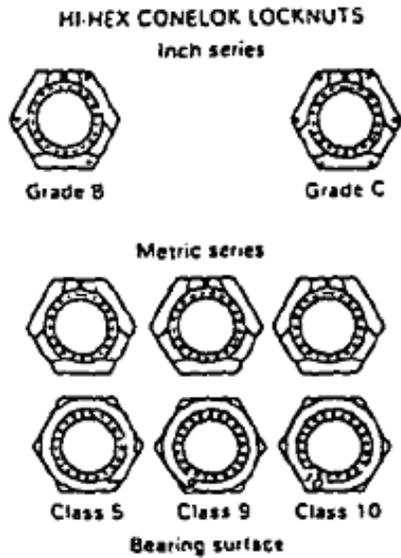
**Bearing surface**

CAGE code:

(Continued)

(Continued)

STELCO FASTENER & FORGING CO.  
1250 APPLEBY LINE  
BULINGTON, ONTARIO L71 5G6  
CANADA



CAGE code:

**STELFAST FASTENERS, INC.**  
2279 STELFAST PKWY  
STRONGSVILLE, OH 44149



CAGE code: 1WXX8

**STELFAST FASTENERS, INC.**

DIVISION OF STELFAST FASTENERS, LTD.  
1710 CLARKSTONE ROAD  
CLEVELAND, OH 44112

1/4 in. through 3/4 in. hex cap screws, heavy hex bolts, square head bolts, and specialty externally threaded fasteners, cold headed.



3/4 in. through 2 1/4 in. reg. hex bolts, heavy hex bolts, square head bolts, and specialty externally threaded fasteners, hot headed.



1/4 in. through 2 1/2 in. studs.

2 3/8 in. through 3 in. reg. hex bolts, heavy hex bolts, square head bolts, hot headed, and specialty externally threaded fasteners.

CAGE code:

**STELFAST, INC.**

1090 MEYERSIDE DRIVE  
MISSISSAUGA, ONTARIO L5T 1J4  
CANADA



(see Chiang Shin Fasteners Industries)  
DOING BUSINESS UNDER STELFAST  
CHIANG SHIN FASTENERS INDUSTRIES, LTD  
NO. 111 WANLI ROAD  
GANGSHAN TOWNSHIP,  
KAOHSIUNG COUNTRY 82050,  
TAIWAN (R.O.C)

CAGE code: SFV96

CAGE code: L8367

**STERLING MACHINE COMPANY**

23 FARRAR STREET  
LYNN, MA 01901-1699

2



CAGE code: 03983

**STERLING MARKING PRODUCTS IC**

P.O. BOX 3360 STA A  
349 RIDOUT ST N  
LONDON, ONTARIO, CANADA NGA 4K3



CAGE code: 37084

**STERLING MFG. & SUPPLY, INC.**

P.O. BOX 8205  
FORT WORTH, TEXAS 76124

Plant  
3623 E. VICKERY BLVD.  
FORT WORTH, TX 76105



or

60529

Steel stamped  
or  
Embossed  
or  
Rubber stamped

CAGE code: 60529

**STEVENS MFG. CO., INC.**

P.O. BOX 3041  
MILFORD, CT 06460

Plant  
280 ROCK LANE  
MILFORD, CT 06460

MFR 8F781

8F781

CAGE code: 8F781

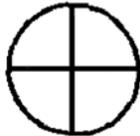
**STILLWATER FASTENERS, INC.**  
25 GURNEY ROAD  
EAST FREETOWN, MA 02717-1107

**SW & ..**

Symbols are "SW", ampersand ("&") or ".."

CAGE code: 1Y153

**STRENKERT MACHINE SHOP INC.**  
RD #2, BOX 759  
INDIAN BROOK ROAD  
GREENE, NY 13778



CAGE code: 2T174

**STURM MACHINE CO., INC.**  
9846 OWENSMOUTH AVE.  
CHATSWORTH, PA 91311



CAGE code: 64733

**SUBCON TOOL / ACCUTOOL MACHINE GROUP**  
DBA ACCUTOOL

**01FO**

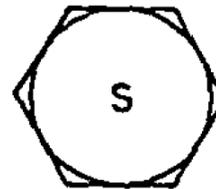
CAGE code: 64733

**SUBURBAN INDUSTRIES, INC.**  
11901 FRANKLIN AVE  
FRANKLIN PARK, IL 60131

**SII**

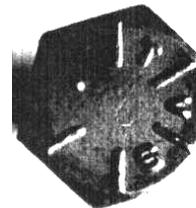
CAGE code: 89752

**SULLIVAN BOLT CO., INC.**  
3435 SOUTH MALT AVE.  
COMMERCE, CA 90040



CAGE code: 6M158

**SUNDRAM FASTENERS, LTD.**  
MADRAS, INDIA



CAGE code:

**SUNLAND AEROSPACE FASTENERS**

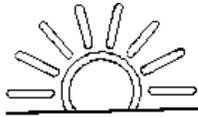
12920 PIERCE STREET  
PACOIMA, CA 91331

SF

CAGE code: 6VDQ4

**SUNRISE PRECISION MFG.**

4406 ENTERPRISE PL, UNIT 3  
FREMONT, CA 94538



CAGE code: 0UK47

**SUPERIOR TECHNOLOGY**

11013 OLINDA STREET  
SUN VALLEY, CA 91352



EARTH

CAGE code:

**SUPREME SCREW PRODUCTS, INC.**

1368 CROMWELL AVENUE  
BRONX, NY 10452



CAGE code: 1FMQ2

**S V INDUSTRIES**

29280 YNEZ RD.  
TEMECULA, CA 92592

SV

CAGE code: OGVY7

**SWISS TECHNOLOGY, INC.**

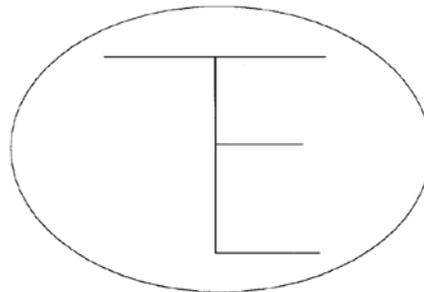
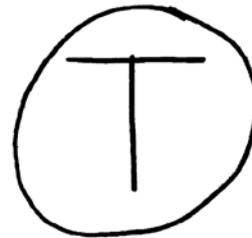
9 BRIDEWELL PL.  
CLIFTON, NJ 07014



CAGE code: 48406

**T & E MACHINE CORP.**

4519C WAYNE AVENUE  
PHILADELPHIA, PA 19144-3606



CAGE code: 059P5

**T C QUALITY MACHINING INC.**  
12155 MAGNOLIA AVE STE 10D  
RIVERSIDE, CA 92503 - 4905

**TCQ**

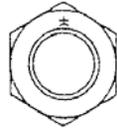
CAGE code: 3H5W3

**T R MACHINE INC.**  
103 STATE ROUTE 75 E  
DAVIS, IL 61019-9586

**TR**

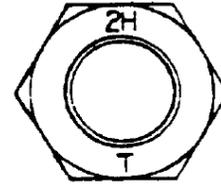
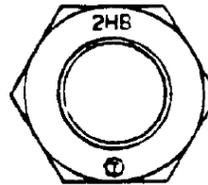
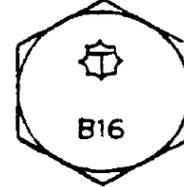
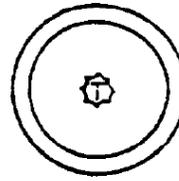
CAGE code: 1YJV1

**TAIYO NUT MFG. CO., LTD.**  
2-6-12 KOUZEN, IKARUGACHO  
IKOMA-GUN, NARA, JAPAN



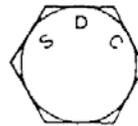
CAGE code:

**TAKENAKA SEISAKUSHO CO., LTD.**  
178 HISHIE  
HIGASHI OSAKA CITY, JAPAN 578



CAGE code:

**TANAKA LTD.**  
1-10-6 TEZUKAYAMA-NAKA  
SUMIYOSHI-KU, OSAKA, JAPAN



**SDC**

CAGE code: SP833

**T-B & S MFG.**  
4404 GARLAND DRIVE  
FORT WORTH, TX 76117

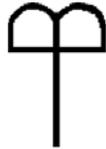


CAGE code:

**TEBCO THREADED FASTENERS**

2700 SUMMER AVENUE  
MEMPHIS, TN 38112

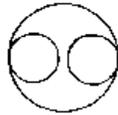
Plant  
665 SCOTT STREET  
MEMPHIS, TN 38112



CAGE code: 4K536

**TECH WELDING AND MACHINE CO.**

41 KINGSTON AVENUE  
COLUMBUS, OH 43207



CAGE code: 9Y179

**TECHNICAL FASTENERS, INC.**

1129 GRIMMITT DR  
SHREVEPORT, LA 71107



CAGE code: 0GV34

**TEK PRECISION CO., LTD.**

205 WEST INDUSTRY COURT  
DEER PARK, NY 11729



CAGE code: 65780

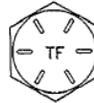
**TELEFAST INDUSTRIES, INC.**

777 W BAGLEY RD  
BEREA, OH 44017-2901

Division of ELGIN FASTENER GROUP LLC.



TF



TF USA



CAGE code: 3CW33

**TENS MACHINE CO., INC.**

800 GRUNDY AVE.  
HOLBROOK, NY 11741-2606



**TENS**

CAGE code: 8P689

**TERRY MACHINE CO.**

P.O. BOX 487  
5331 DIXIE HWY.  
WATERFORD, MI 48095-1

See SPS TECHNOLOGIES



CAGE code: 87880

**TERRYCABLE, INC.**

17376 EUCALYPTUS STREET  
HESPERIA, CA 92345

**TC**

CAGE code: 0XZ68

**TEXAS BOLT CO.**

P.O. BOX 1211  
3235 W. 11TH ST.  
HOUSTON, TX 77251



CAGE code: 27422

**TEXAS PRECISION MFG., INC.**

P.O. BOX 3640  
610 28TH ST  
LUBBOCK, TX 79452

Plant  
1204 E. 46<sup>TH</sup> STREET  
LUBBOCK, TX 79404



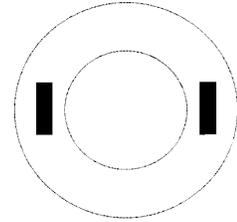
CAGE code: ICU57

**TEXTRON FASTENING SYSTEMS**

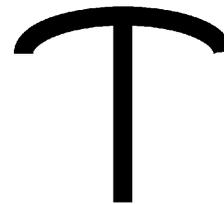
1224 E. WARNER AVENUE  
SANTA ANA, CA 92705

**C**

LOCKBOLTS  
Bold "C"



LOCKBOLT COLLARS  
Two Opposing Dashes

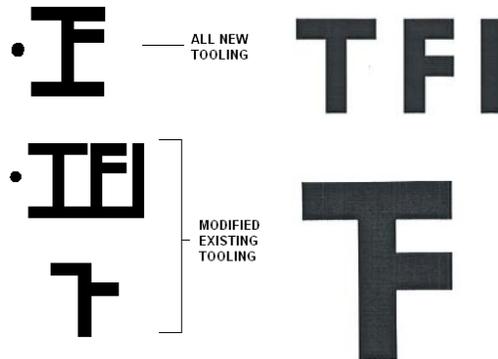


ALL PRODUCTS  
Lazy "T"

CAGE code: 11815

**TFI AEROSPACE CORPORATION**

625 RIDDELL ROAD  
ORANGEVILLE, ONTARIO, CANADA

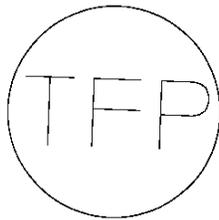
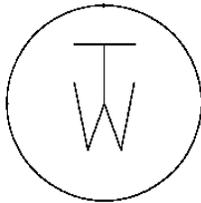
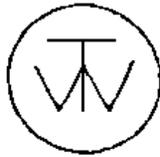


CAGE code: L0336

**TFP CORP.**

P. O. BOX 952  
MEDINA, OH 44258

Plant  
TRU-FIT STEEL WIRE CO.,LTD  
(TRU-WELD DIVISION)  
460 LAKE ROAD  
MEDINA, OH 44258



CAGE code: 31000

**THIANT (BOULONNERIE DE SA)**

B.P. 4  
FRANCE 59224



This marking appears on all hex nuts with or without deflection marks. The three raised lines in the corner indicate "Thiant" as manufacturer. (Clockwise system for grade.)



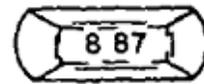
This marking appears on all flange nuts. The three raised lines on the flange indicate "Thiant" as manufacturer. (Clockwise system for grade.)



This marking appears on flange nuts when no mark is acceptable on the flange. Three depressed lines indicate "Thiant" as manufacturer. (Clockwise system for grade.)



This marking appears on flange nuts when raised marks are not accepted. Three depressed lines indicate "Thiant" as manufacturer. (Clockwise system for grade.)



TRACKS FASTENERS



HIGH STRENGTH STRUCTURAL BOLT



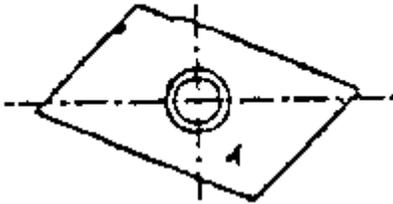
HOT FORGED BOLTS

CAGE code:

**THOMAS & BETTS CORPORATION**  
(FORMERLY AMERICAN ELECTRIC)  
8155 T AND B BLVD  
MEMPHIS, TN 38125 - 8888

Plant 1  
260 DENNIS STREET  
ATHENS, TN 37303

Plant 2  
8735 HAMILTON ROAD  
SOUTHAVEN, MS 38671



CAGE code: 56501

**THOMAS INSTRUMENT & MACHINE CO.,  
INC.**

3440 E FIRST ST  
BROOKSHIRE, TX 77423 - 0999



CAGE code: 5H860

**THOMAS MACHINING TECHNOLOGIES,  
INC.**

12 COUNT ROAD 486  
HANCEVILLE, AL 35077

**T M T I**

CAGE code: 1VNC4

**THOMAS MFG, INC.**

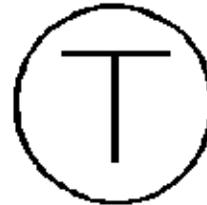
25125 W OUTER DR  
MELVINDALE, MI 48122

**THOMAS**

CAGE code: 0NWS1

**TITAN FASTENER**

10031 HOLLY ROAD  
HOLLY, MI 48442



CAGE code:

**TOG MANUFACTURING CO., INC.**

1454 SOUTH STATE STREET  
NORTH ADAMS, MA 01247



CAGE code: 63649

**TOKOSHA METAL WORKS LTD.**

NO. 7-22, 3-CHROME, NAKAGAMA-NISHI,  
IKUNO-KU, OSAKA, JAPAN

**TKS**

CAGE code:

**TONG HWEI ENTERPRISE CO., LTD.**

NO. 399 GANG YAN ROAD  
GANG SHAN 820, KAOHSIUNG  
TAIWAN, R.O.C.

**THE**

CAGE code: None

**TOOLEX, INC.**

7570 MORLEY STREET  
HOUSTON, TX 77061



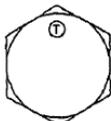
CAGE code: 1W383

**TOPURA CO., LTD.**

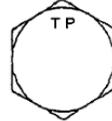
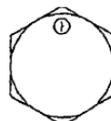
2050 YAJOI-CHO  
HIGASHIOSAKA-SHI,  
OSAKA, JAPAN 579

Plant  
201 SOYA, HATANO,  
KANAGAWA 257 JAPAN

**TOPURA**



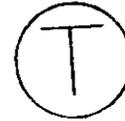
**TP**



CAGE code:

**TORCO, INC.**

P. O. BOX 4070  
1330 OLD HIGHWAY 41  
MARIETTA, GA 30061



CAGE code: 07359

**TORONTO FASTENERS INDUSTRIES, INC.**

SUBSIDIARY OF HI-SHEAR CORP., USA  
7475 KIMBEL ST., UNIT 8  
MISSISSAUGA, ONTARIO L5S1E7

See HI-SHEAR

Plant  
19 CONSTELLATION CT.  
REXDALE, ONTARIO,  
CANADA M9W 1K4



CAGE code:

**TORX PRODUCTS**

CAMCAR DIVISION OF TEXTRON INC.

P. O. BOX 607  
HWY 31 N.  
ROCHESTER, IN 46975

For head markings see:

CAMCAR Division of Textron, Inc.  
Plant  
TORX Products

CAGE code: 6N040

**TOWNE ROBINSON FASTENER CO.**  
KEY MANUFACTURING GROUP, INC.  
P.O. BOX 232  
24175 NORTHWESTERN HWY.  
SOUTHFIELD, MI 48037

Plant  
4401 WYOMING AVE.  
P.O. BOX 188  
DEARBORN, MI 48121



CAGE code: 94678

**TOWNSEND CO.**  
CHERRY RIVET DIVISION  
1224 E. WARNER AVE.  
SANATA ANA, CA 92701

 Aircraft blind rivets.  
 Aircraft lockbolts.

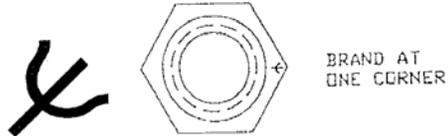
CAGE code: 7H092

**TOYO STEEL WIRE CO., LTD.**  
3-9-45 TSURUHARA  
IZUMISANO-SHI, OSAKA,  
598 JAPAN



CAGE code:

**TRI STATE TOOL & DIE CO.**  
1396 NORTON RD  
STOW, OH 44224-1333



CAGE code: 06RM8

**TRIAD PRODUCTS CORP.**  
15241 N.E. 92ND  
REDMOND, WA 98052



CAGE code: 74468

**TRIDAIR PRODUCTS**  
3000 WEST LOMITA BLVD.  
TORRANCE, CA 90505-5103

NO LONGER IN BUSINESS

see REXNORD INC.



CAGE code: 29372

**TRIDENT MACHINE CO.**  
3491 N. MERIDIAN ROAD  
ROCKFORD, IL 61101



CAGE code: 5N818

**TRIEM INDUSTRIES, LLC**  
105 NAPCO DRIVE  
TERRYVILLE, CT 06786



CAGE CODE: 63TA9

**TRIUMPH GROUP OPERATIONS INC**  
THE FRISBY AEROSPACE INC DE  
417 S. MAIN ST.  
FREEPORT, NY 11520-5144

Ssee FRISBY AEROSPACE INC DE



CAGE code: 26437

**TRIUMPH MANUFACTURING CO., INC.**  
P.O. BOX 380148  
750 TOLLAND ST.  
EAST HARTFORD, CT 06138



CAGE code: 8X098

**TRONSON MANUFACTURING**  
45383 INDUSTRIAL PLACE #41  
FREEMONT, CA 94538



CAGE code: 1DPK8

**TROY D. RAY DBA DIXON MACHINE & FABRICATION**

6807 CHAPMAN HWY.  
KNOXVILLE, TN 37920-6560

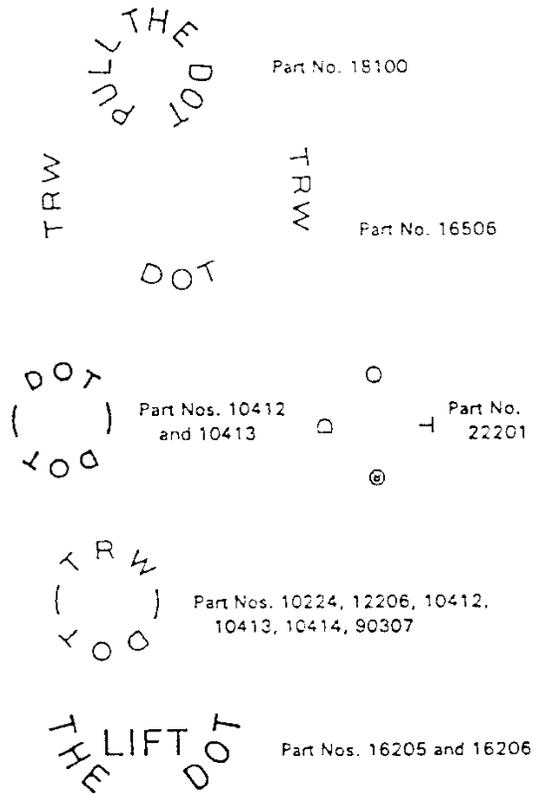


CAGE code: 1DEP3

**TRW**  
FASTENER DIVISION  
265 THIRD STREET  
CAMBRIDGE, MA 02142



Logo Stampings Used on  
Brass Snap Fastener Components



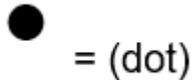
CAGE code: 83058

**TRW ELECTRONIC COMPONENTS**

CINCH – MANADNOCK DIVISION  
18300 EAST VALLEY BLVD.  
CITY OF INDUSTRY, CA 91714

NO LONGER IN BUSINESS

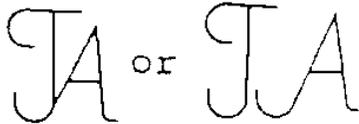
see MONADNOCK COMPANY, THE



CAGE code: 76530

**TRY - AZTEC COMPANY**

P.O. BOX 6191  
TEHACHAPI, CA 93561



CAGE code:

**TS TEKNADYNE**

P.O. BOX 366  
COTTONWOOD, ID 83522

Plant  
165 RESERVOIR ROAD  
COTTONWOOD, ID 83522



CAGE code: 62W81

**TUFF FASTENERS CO.**

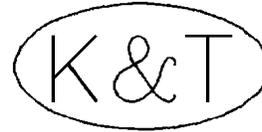
10724 GARWICK PLACE  
SOUTH GATE, CA 90280-7332



CAGE code: 5V629

**TURNAMICS, INC.**

92 NEW LIECHESTER HWY  
ASHVILLE, NC 28806



CAGE code: 1CWU8

**TW DESIGN AND MANUFACTURING,  
L.L.C.**

P. O. BOX 310  
33 WEST STREET  
MONTELLO, WI 53949



CAGE code: 0X311

**TWIST TITE MFG. INC.**

13649 PUMICE STREET  
SANTA FE SPRINGS, CA 90670



CAGE code: 007R1

**UDT, INC.**

2304 GRANT AVENUE  
PANAMA CITY, FL 32405



CAGE code: 57547

**U.P. MACHINE & ENGINEERING CO.**

P.O. BOX 400  
210 NORTH THIRD STREET  
POWERS, MI 49874

UPME

CAGE code: 5H091

**U.S. BOLT MANUFACTURING, INC.**

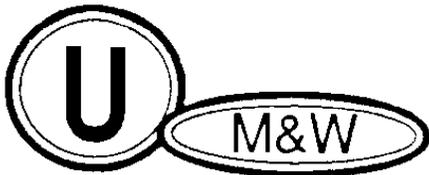
12895 SOUTH MAIN  
HOUSTON, TX 77035



CAGE code: 0UZJ8

**ULTIMATE MACHINING & WELDING**

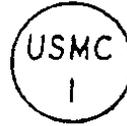
1003 ARGUELLO STREET  
REDWOOD CITY, CA 94063



CAGE code: OXXP2

**ULTRA SONIC MACHINE CO., INC.**

1313 WEST 135TH STREET  
GARDENA, CA 90247



CAGE code: 4F713

**UMPCO CORP.**

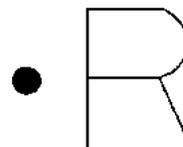
P.O. BOX 5158  
7100 LAMPSON AVE.  
GARDEN GROVE, CA 92841



CAGE code: 18076

**UNIFLOW CORP.**

P.O. BOX 705  
26600 HEYN DRIVE  
NEW HAVEN, MI 48050



CAGE code: 4S622

**UNIMETERIC CORPORATION**

P.O. BOX 4529  
5 TRIPPS LANE  
EAST PROVIDENCE, RI 02915



CAGE code: 7U319

**UNISTRUT CORP.**

(UNISTRUT PHILA)  
761 FIFTH AVE  
KING OF PRUSSIA, PA 19406

Plant  
UNISTRUT CORP.  
WAYNE MFG. DIV.  
35660 CLINTON  
WAYNE, MI 48184

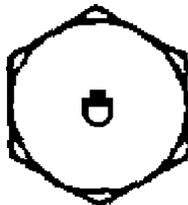
UNISTRUT



CAGE code: 96195

**UNITED BOLT & SCREW CORP.**

1055 HAGGERTY AVE.  
DEARBORN, MI 48126



CAGE code: 8G949

**UNITED DRILL BUSHING CORP.**

12200 WOODRUFF AVE  
DOWNEY, CA 90241



CAGE code: 52369

**UNITED PRECISION PRODUCTS CO., INC.**

25040 VAN BORN ROAD  
DEARBORN HEIGHTS, MI 48125



CAGE code: 17328

**UNITED STATES DEFENSE RESEARCH & SUPPLY**

311 EASTRIDGE ROAD  
GRANDBURY, TX 76049

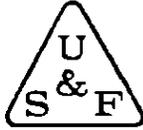


CAGE code: 0XVD5

**UNITED STEEL & FASTENERS INC.**

1500 INDUSTRIAL DRIVE  
ITASCA, IL 60143

S<sup>U</sup>F



Identification used on all large bolts



Identification used on all small bolts and  
on the shoulders of nuts



CAGE code: 2R938

**UNITED TITANIUM, INC.**

3450 OLD AIRPORT RD.  
WOOSTER, OH 44691

UT

CAGE code: 1F103

**UNIVERSAL MACHINE PRODUCTS**

480 SURF AVENUE  
STRATFORD, CT 06497

UM

CAGE code: 0Y156

**UNLIMITED SCREW PRODUCTS, INC.**

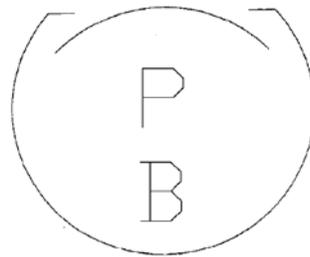
87 E. JEFRYN BLVD.  
DEER PARK, NY 11729

USP

CAGE code: 6T970

**UPB ENGINEERING**

13060 TOM WHITE WAY  
"UNIT F"  
NORWALK, CA 90650



CAGE code: 1BER9

**UPSTART ACQUISITIONS, CORP.**

10825 BARELEY LANE  
SUITE P  
HOUSTON, TX 77070

UA

CAGE code: 5F5J7

**URANIA ENGINEERING CO., INC.**

198 SOUTH POPLAR STREET  
HAZLETON, PA 18201



CAGE code: 30279

**US TOOL & DIE**

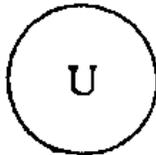
23282 VERDUGO DR  
LAGUNA HILLS, CA 92653-1335



CAGE code: 3LJM2

**URBAN MANUFACTURING CO.**

P.O. BOX 4260  
100 W. BERKLEY ST  
PHILADELPHIA, PA 19144



CAGE code: OW5R7

**UTAH TOOL & DIE, INC.**

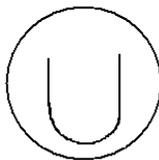
P.O. BOX 969  
850 NO WESTERN PRECISION PARKWAY  
WEST JORDAN, UTAH 84084



CAGE code: 23509

**URBAN MFG. CO. INC.**

P.O. BOX 1070  
529 FORREST AVE.  
DREXEL HILL, PA 19026



CAGE code: 9Y188

**VALCOR ENGINEERING CORP.**

2 LAWRENCE ROAD  
SPRINGFIELD, NJ 07081

**VALCOR**

CAGE code: 96487

**VALLEY FORGE AND BOLT MFG CO.**

1825 S. 27th AVENUE  
PHOENIX, AZ 85009-6417



CAGE code: 02UA5

**VALLEY-TODECO**

12975 BRADLEY AVE.  
SYLMAR, CA 91342

NO LONGER IN BUSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS



CAGE code: 06710

**VAN PETTY MFG., INC.**

2517 AZURITE CIRCLE  
NEWBURY PARK, CA 91320

NO LONGER IN BUSINESS

see ARCONIC FASTENING SYSTEMS &  
RINGS



CAGE code: 23899

**V-B MACHINE CO., INC.**

FASTENER DIVISION  
1645 W. 135TH STREET  
GARDENA, CA 90249



CAGE code: 60682

**VEGAS FASTENER MANUFACTURING**

3873 W. OQUENDO ROAD  
LAS VEGAS, NV 89118



CAGE code: 1U1Z3

**VEGAS FASTENER MANUFACTURING**

10217 BRECKVILLE RD.  
CLEVELAND, OH 44141

Plant  
4315 WEST OQUENDO ROAD  
LAS VEGAS, NEVADA 89118



CAGE code: 6YPM1

**VENUS FASTENERS CORP.**

154 MERRICK RD  
FREEPORT, NY 11520



CAGE code: 045B2

**VERSATECH, INC.**

P.O. BOX 608  
6012 ENTERPRISE DR.,  
WESTMORELAND INDUSTRIAL PARK III  
EXPORT, PA 15632



CAGE code: 0CHD0

**VERTEX DISTRIBUTION**

P. O. BOX 879  
327 PINE STREET  
PAWTUCKET, R 02860

(see BELL FASTENERS)



CAGE code:

**VICO PRODUCTS, CO.**

41555 E. ANN ARBOR ROAD  
PLYMOUTH, MI 48170



The "V" is either raised or indented.

CAGE code: 0CG15

**VICTOR PRODUCTS CORP.**

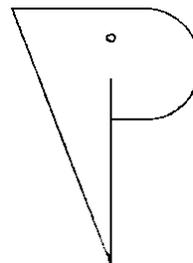
2635 WEST BELMONT  
CHICAGO, IL 60618



CAGE code: 63045

**VIP MFG. & ENGR. CORP.**

1084 MARTIN AVE.  
SANTA CLARA, CA 95050



CAGE code: 8M774

**VISSERIES & BOULONNERIES DE  
FOURMIES**

2 RUE DU CHAUFFOUR  
FOURMIES, FRANCE 69610

**F**

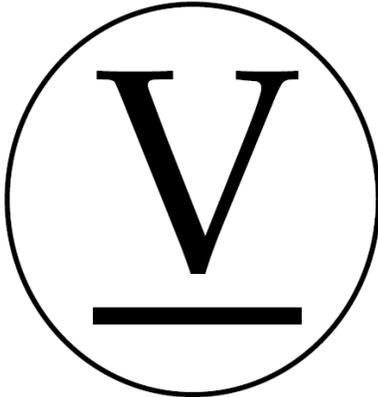
**F.K**

Grade 8.8 and over

CAGE code: F8388

**VISTA MACHINING COMPANY**

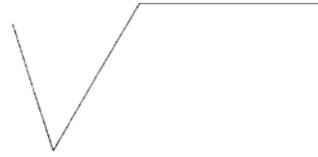
100 NU ENERGY DR.  
BLDG. A, SUITE 1  
ALEDO, TX 76008



CAGE code: 56KU2

**VISTEK INDUSTRIES**

153 RAILROAD DR  
IVYLAND, PA 18974-1448



CAGE code: 79735

**VITCO NUCLEAR PRODUCTS INC.**

8171 TYLER BLVD  
MENTOR, OH 44060



CAGE code: 9L424

**VM MANUFACTURING CORP.**

1536 RAILROAD AVENUE  
HOLBROOK, NY 11741-2301



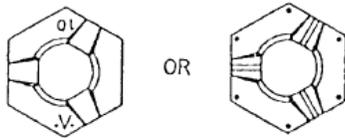
CAGE code: 1NUW9

**VMC INDUSTRIES, INC.**  
20 CORPORATE DRIVE  
AUBURN HILLS, MI 48326

**.V.** OR **VMC**

FEMALE FASTENERS

PREVAILING TORQUE NUTS



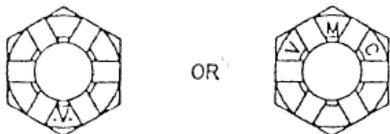
.V. OR TWO LINES IN THREE PADS  
WITH APPROPRIATE GRADE OR CLASS MARKINGS

INSERT TYPE  
PREVAILING TORQUE NUTS



TAN NYLON IDENTIFIES VMC AS MANUFACTURER  
WITH APPROPRIATE GRADE OR CLASS MARKINGS

SLOTTED NUTS



.V. OR VMC  
WITH APPROPRIATE GRADE OR CLASS MARKINGS

CAGE code: 0SFN8

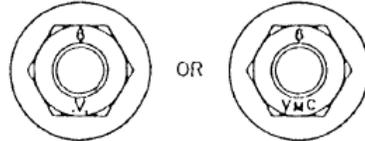
(Continued)

(Continued)

VMC INDUSTRIES, INC.

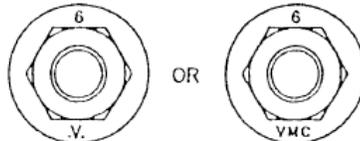
FEMALE FASTENERS (CONT.)

NUT & WASHER ASSEMBLY



".V." OR "VMC" WITH APPROPRIATE  
GRADE OR CLASS MARKINGS

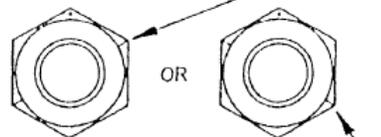
FLANGE NUTS



".V." OR "VMC" WITH APPROPRIATE  
GRADE OR CLASS MARKINGS

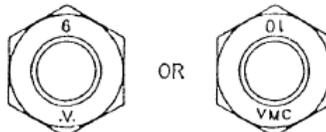
HEX NUTS

ENGLISH

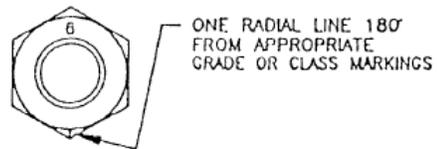


GRADE 5 PER SAE J995 OR GRADE 8 PER SAE J995  
ONE RADIAL LINE FOR MFG. ID., 180°  
FROM RADIAL LINE IN THE GRADE ID.

METRIC



CLASS 9 OR CLASS 10  
".V." OR "VMC" WITH APPROPRIATE  
GRADE OR CLASS MARKINGS



CAGE code: 0SFN8

(Continued)

(Continued)

VMC INDUSTRIES, INC.

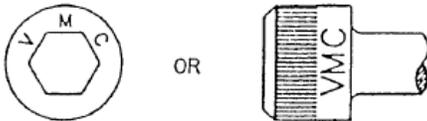
FEMALE FASTENERS (CONT.)

OTHER TYPE NUTS

WHEEL NUTS, HEX AND SQUARE  
WELD NUTS AND OTHER TYPE  
NUTS NOT SPECIFIED.  
".V." OR "VMC" WITH APPROPRIATE  
GRADE OR CLASS MARKINGS

MALE FASTENERS

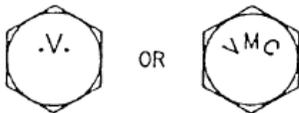
SOCKET HEADS



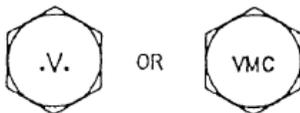
HEX HEADS

INDENTED, TRIMMED, WASHER  
OR FLANGED.

METRIC



ENGLISH



".V." OR "VMC" WITH APPROPRIATE  
GRADE OR CLASS MARKINGS

CAGE code: 0SFN8

**VOI-SHAN PRODUCTS**

NO LONGER IN BUSINESS  
see ARCONIC FASTENING SYSTEMS &  
RINGS

3000 WEST LOMITA BLVD.  
TORRANCE, CA 90505-5103  
CAGE code: 5M902

VS

135 N. UNRUH AVE.  
CITY OF INDUSTRY, CA 91744  
CAGE code: 06950, IRC86

VS

O

SC

STEVEN 3  
31135 HILDESHEIM-BEVENSTEDT,  
GERMANY  
CAGE code: C4293

VS

CAGE code: 5M902, 06950, IRC86, C4293

**VORTEX MFG CO.**

60 SUNSHINE FARM DRIVE  
SOMERS, CT 06071

**VMC**

CAGE code: 4AUV8

**VOSS INDUSTRIES, INC.**

VOSS AEROSPACE DIVISION  
2168 WEST 25TH STREET  
CLEVELAND, OH 44113



E A

V

CAGE code: 14242

**VSI**

AEROSPACE PRODUCTS DIVISION  
557 S. DOUGLAS ST.  
EL SEGUNDO, CA 90245

Plant  
VOI-SHAN DIVISION  
4001 INGLEWOOD AVE.  
REDONDO BEACH, CA 90278

**VS**

CAGE code: 6A768

**VULCAN RIVET & BOLT CORP.**

P.O. BOX 170129  
BIRMINGHAM, AL 35217

**V.**

All fasteners marked with the letter "V" followed by a period (.)

**V.**

Fasteners manufactured from special alloy steels are identified with the letter "V" followed by a period (.) and a line under the letter "V"

**304  
V.**

Stainless steel fasteners are marked with the letter "V" followed by a period (.) with the type of stainless

CAGE code: 0GEW3

**WA TAI INDUSTRIAL COMPANY, LTD**

N0 2, LANE 29  
MIN-CHUAN ROAD, LU-CHU HSIANG,  
KAOHSIUNGHSIEN,  
TAIWAN, ROC

**WT**



CAGE code: NONE

**WALKER BOLT MANUFACTURING CO., INC.**

P.O. BOX 1149  
10202 AIRLINE CRIVE  
HOUSTON, TX 77037

**WB**

CAGE code: 39782

**WALZ & KRENZER INC.**

DBA MAPECO PRODUCTS DIV MAPECO  
PRODUCTS  
91 WILLENBROCK RD STE B4  
OXFORD, CT 06478-1036



CAGE code: 87045

**WARREN PUMPS LLC.**

DIVISION OF COLFAX CORPORATION  
P.O. BOX 969  
82 BRIDGES AVENUE  
WARREN, MA 01083



CAGE code: 63857

**WATERBURY BUCKLE CO.**

952 S. MAIN STREET  
WATERBURY, CT 06721



CAGE code: 82399

**WAYNE BOLT & NUT CO., INC.**

14471 LIVERNOIS AVE.  
DETROIT, MI 48238-2097



CAGE code: 5Z751

**WEAVER MANUFACTURING, INC.**

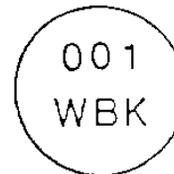
1005 E. 17TH STREET  
WICHITA, KS 67214



CAGE code: 16345

**WEBLUK MACHINE CORP.**

4959 COMMERCE PARKWAY  
WARRENSVILLE HEIGHTS, OH 44128



CAGE code: 0C095

**WELTER GMBH & CO. KG**

BONNER RING 49  
P. O. BOX 1311  
ERFTSTADT, GERMANY 50374



CAGE code: C3486

**WELTON ROLLED THREAD CORP.**

1818 GLENDALE BLVD  
LOS ANGELES, CA 90026



CAGE code: 27871

**WESLOK**

4160 S. 13TH STREET  
MILWAUKEE, WI 53221



CAGE code:

**WEST COAST AEROSPACE, INC.**

24224 BROAD STREET  
CARSON, CA 90745

Plant  
220 WEST E. STREET  
WILMINGTON, CA 90744



CAGE code: 60516

**WEST TENNESEE LIONS BLIND IND. INC.**

P.O. BOX 2175  
346 ST PAUL AVENUE  
MEMPHIS, TN 38101-2175

(See A P MILLS INDUSTRIES FOR THE BLIND)



CAGE code: 6Y776

**WESTERN PACIFIC ENTERPRISES, W.P.E. INC.**

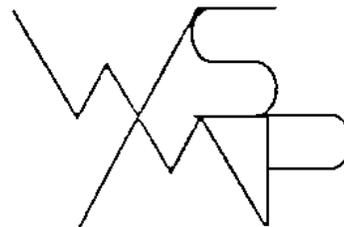
8110 REMMET AVE.  
CANOGA PARK, CA 91304



CAGE code: 5N444

**WESTERN SCREW MACHINE PRODUCTS, INC.**

CUTTING EDGE MACHINING  
1625 LINDA WAY  
SPARKS, NV 89431



CAGE code: OZV72

**WESTERN SKY INDUSTRIES, INC.**  
DIVISION OF ATLAS CORP.  
21300 CLOUDWAY  
HAYWARD, CA 94545

**WSI**

CAGE code: 04169

**WESTFIELD FASTENERS**  
202 UNION STREET  
WESTFIELD, MA 01085



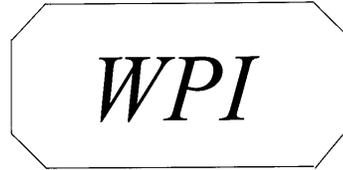
CAGE code:

**WESTLAND STEEL PRODUCTS, LTD.**  
P. O. BOX 1052  
165 CORDITE ROAD  
WINNIPEG, MANITOBA, CANADA R3C 2X4



CAGE code: 0NWX5

**WESTWOOD PRECISION, INC.**  
7509 HARDESON ROAD  
EVERETT, WA 98203



CAGE code: 0PL34

**WHAIL BOLT IND. CO., LTD**  
779-2, WONSI-DONG, ANSAN  
KYUGKI-DO, KOREA



GRADE 5 HEX  
CAP SCREWS

GRADE 8 HEX  
CAP SCREWS

CAGE code:

**WHELAN MACHINE & TOOL CO.**  
134 ROCHESTER DR  
LOUISVILLE, KY 40214-2681



Aerial-Bold letter "W" enclosed with a circle

CAGE code: 0MB07

**WHITNEY SCREW CORP.**  
P.O. BOX 784  
14A BROAD STREET  
NASHUA, NH 03061



CAGE code: 87181

MIL-HDBK-57H (IS)  
APPENDIX A

**WHITTET-HIGGINS CO.**

33 HIGGINSON AVE.  
CENTRAL FALLS, RI 02863



CAGE code: 79568

**WIGLEY MACHINE COMPANY**

2007 WEST 2ND AVENUE  
CORSICANA, TX 75110



CAGE code: 0UBT5

**WILHELM SCHUMACHER SCHRAUBEN-  
FABRIK GmbH**

POSTFACH 12 80,  
AM PREIST 5  
D-5912 HILCHENBACH,  
GERMANY



Hex head  
screws and  
bolts

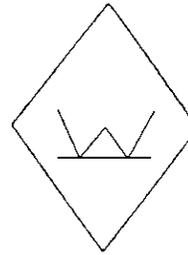


Machine screws  
and other  
products

CAGE code:

**WILLIAM'S MACHINE & FABRICATION,  
INC.**

P.O. BOX 22235  
700 DELAY DRIVE  
EUGENE, OR 97402



CAGE code: 0NNK2

**WIL-NIC**

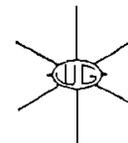
E D R INDUSTRIES INC DBA WIL-NICO  
100 COMMERCIAL STREET  
FREEPORT, NY 11520-2832



CAGE code: 8P827

**WILSON-GARNER CO.**

40935 PRODUCTION DR  
HARRISON TOWNSHIP, MI 48045-1351



CAGE code: 7E548

**WILT PRECISION PRODUCTS**

P.O. BOX 69  
DOVER, PA 17315



CAGE code: 34282

**WINEGAR, INC.**

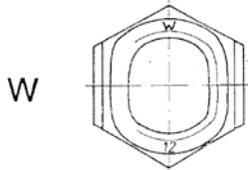
1209 SOUTH STATE STREET  
WASECA, MN 56093



CAGE code: 3F2Y1

**WINKER HERMAN GMBH & CO.  
KGMETALLWARENFABRIK**

P.O. BOX 1356  
DELLINGER WEG 1  
SPAICHINGEN, 78549 GERMANY



CAGE code: D2362

**WINSLOW AUTOMATICS, INC.**

23 ST. CLAIR AVENUE  
NEW BRITAIN, CT 06051



CAGE code: 7W515

**WITTEN COMPANY, INC**

P.O. BOX 269  
OWASSO, OK 74055

Plant  
8199 N. 116<sup>TH</sup> E. AVE.  
OWASSO, OK 74055



CAGE code: 0JHK5

**WODIN, INC.**

5441 PERKINS ROAD  
BEDFORD HEIGHTS, OH 44146



CAGE code: 5V334

**WOLSTENHOLME MACHINE**

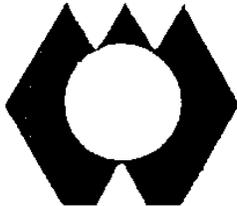
DBA WM ROBOTS  
3075 ADVANCE LANE  
COLMAR, PA 18915-9420



CAGE code: 68531

**WOLTERS GMBH**

OTTILIENSTR 19  
D-GUTERSLOH  
WEST GERMANY

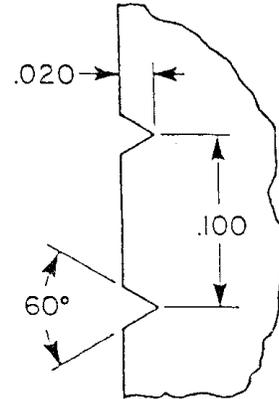


WH  
LE

CAGE code:

**WOLVERINE MACHINE PRODUCTS CO.**

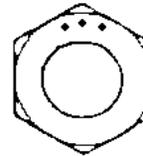
P.O. BOX 209  
319 COGSHALL ST.  
HOLLY, MI 48442



CAGE code: 2T549

**WOLVERINE NUT CO.**

6556 EAST McNICHOLS  
DETROIT, MI 48212



3 dots, centered on corner,  
equally spaced

CAGE code: 87824

**WORTHEY MACHINE**

P. O. BOX 70  
3000 US HWY 72 E  
PAINT ROCK, AL 35764-0070

**WSMP**

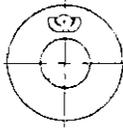
CAGE code: 5S740

**WROUGHT WASHER MANUFACTURING  
INC.**

2100 SOUTH BAY STREET  
MILWAUKEE, WI 53207



Marking for medium carbon heat treated washers compatible  
with Grade 5 and Grade 8 bolts.

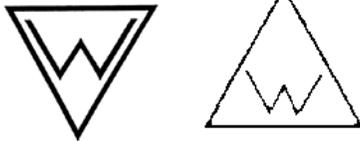


Marking for low carbon washers.

CAGE code: 79807

**WYANDOTTE INDUSTRIES, INC.**

4625 13TH STREET  
WYANDOTTE, MI 48192



CAGE code: 54151

**WYNNSON ENTERPRISES, INC.**

P. O. BOX 440  
12039 HWY 239-431 N.  
MERIDIANVILLE, AL 35759-1201



CAGE code: 39484

**X-TECH INNOVATIONS INCORPORATED**

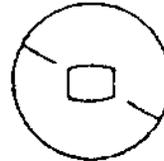
424 18<sup>th</sup> AVENUE  
ROCKFORD, IL 61104



CAGE CODE: 5ZZR7

**XCEL MFG., INC.**

P.O. BOX 239  
ELYRIA, OH 44036



CAGE code:

**Y2K MACHINE SHOP**

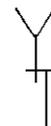
106 WALSH ROAD  
SAN ANTONIO, TX 78224



CAGE code: 1TMD7

**YATES TOOL, INC.**

2425 MEDINA ROAD  
MEDINA, OH 44256



Either electroetched, steel stamped,  
vibropeened, or ink stamped

CAGE code: IDV02

**YEAGER MANUFACTURING CORP.**  
DBA CUMMINS AEROSPACE

**CA**

see CUMMINS AEROSPACE

CAGE code: 31788

**YOUNG ENGINEERS INC, THE**  
25841 COMMERCENTRE DRIVE  
LAKE FOREST, CA 92630-8812

**TYE**

CAGE code: 56958

**YOW MENGI INDUSTRIAL CO., LTD.**  
NO. 180 WUN-AN RD., EAST SEC.  
MI-TUO HSIANG 82704  
KAOHSIUNG HSIEN,  
TAIWAN, R.O.C.



CAGE code:

**Z & B GENERAL MACHINE**  
569 HULMEVILLE AVE.  
PENNDL, PA 19047



CAGE code: 5T735

**ZAMON CO., INC.**  
ENDICOTT ST., BLDG. 23  
NORWOOD, MA 02062



CAGE code: 5Z471

**ZENEX CORPORATION**  
850 ELMHURST RD.  
ELK GROVE VILLAGE, IL 60007

**ZENEX**

CAGE code: 25723

MIL-HDBK-57H (IS)  
APPENDIX A

**ZERO PRODUCTS , INC.**  
219 BAYWOOD ST  
HOUSTON, TEXAS 77011



**Z**

CAGE code: 3JC57

**MIL-HDBK-57 FASTENER IDENTIFICATION SYMBOL CONFIRMATION**

Complete this form and email to [alonzo.miller@dla.mil](mailto:alonzo.miller@dla.mil), along with a separate PDF file containing artwork of your fastener head marking.

(Company name as it will appear in the listing) \_\_\_\_\_

(Department, Division, etc., if it is to appear in the listing)

---

Corporate/Mailing Address	Plant Location (if different)
_____	_____
_____	_____
_____	_____
_____	_____

Our Company is a fastener manufacturer YES ( ) NO ( )

**NOTE:** MIL-HDBK-57 requires the sources listed to have an inherent capability to manufacture fasteners out of raw material.

Telephone: \_\_\_\_\_ FAX Number: \_\_\_\_\_

Contact Name: \_\_\_\_\_ CAGE code: \_\_\_\_\_

Title: \_\_\_\_\_ DUNS Number: \_\_\_\_\_

Email: \_\_\_\_\_ Website URL: \_\_\_\_\_

1. Fastener head marking artwork that is submitted electronically shall be provided in a PDF file. A resolution of 100 dpi (dots per inch) minimum shall be used for artwork that is scanned. Provide only one marking per file submitted. Include the company name and plant location in this file, along with a written description of the fastener head marking. (For example “the script upper case letter A”, or “the number 3 enclosed by a circle.”)
2. If your company has plants in various locations, please provide DSCP-NASA with the symbol(s) used for each location, as well as the CAGE code, point of contact, and phone number for each point of contact.
3. All information must be supplied in the English language.
4. Submit this form and artwork to [alonzo.miller@dla.mil](mailto:alonzo.miller@dla.mil).

**NOTE:** We encourage you to duplicate this form and forward it to your various plants, as necessary.

SUBMITTED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE (mm/dd /yyyy): \_\_\_\_\_

**PLEASE SUBMIT LOGO (HEAD MARKING) ON A SEPARATE SHEET.**

MIL-HDBK-57H (IS)  
APPENDIX A

CONCLUDING MATERIAL

Preparing Activity:  
DLA – IS  
(Project No. 53GP-2017-002)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.