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DEPARTMENT OF DEFENSE HANDBOOK

LISTING OF FASTENER MANUFACTURER'S IDENTIFICATION SYMBOLS



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MIL-HDBK-57E (IS)

DEPARTMENT OF DEFENSE
WASHINGTON, D.C. 20301

FORWARD

Listing of Fastener Manufacturer's Identification Symbols

MIL-HDBK-57D(IS)

1. This Military Handbook
2. Comments, suggestions, or questions on this document should be addressed to Defense Supply Center Philadelphia (DSCP), ATTN: DSCP-NASA, 700 Robbins Avenue., Philadelphia, PA 19111-5096 or e-mail to dscpg&inspeccomments@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <http://assist.daps.dla.mil>.
3. Copies of these documents are available online at <http://assist.daps.dla.mil/quicksearch/> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094

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This handbook is a compilation of the identifying symbols of fastener manufacturers as provided by the manufacturers themselves. This issue contains the names, addresses, and the symbols of all fastener manufacturers whose identifying symbols were received by 30 November, 2006. Each manufacturer who was listed in Revision B of this document was contacted to confirm the accuracy of the published information. We have annotated the listing to indicate those manufacturers that have responded to confirm or update appropriate information. The listing also annotates which manufacturers have not responded. Information about manufacturers who have not responded is still maintained in this latest revision. For the purpose of this handbook, a manufacturer is defined as the source which substantially makes the supplies, either by hand or machinery out of raw materials. Fasteners, as defined for the purpose of this handbook, refer to those threaded items included in Federal Supply Class (FSC) 5305 – Screws, 5306 – Bolts, 5307 – Studs, and 5310 – Nuts. As additional manufacturers submit their markings, the handbook will be updated.

All requests to be listed in the handbook should be addressed to:

Defense Supply Center Philadelphia (DSCP)
Attention: DSCP-NASA
700 Robbins Avenue.
Philadelphia, PA 19111-5096
or e-mail to dscpg&inspeccomments@dla.mil.

In addition to the alphabetic index of manufacturers (Index A), this revision of the handbook incorporates a listing of manufacturers indexed by their identification symbol (index B).

At the back of this handbook is a registration form. Manufacturers wishing to be listed must complete this form and return it to DSCP. Submit the completed form, along with your fastener identification symbol artwork used on the fastener. All submittals must be in the English language.

DSCP does not “approve”, “rate”, or “endorse” any item, construction, proprietary device, or activity.

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DSCP reserves the right to monitor this document to ensure that it contains the listing of only bona-fide fastener manufacturers.

DSCP 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 MIL-HDBK-57C (IS).

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















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














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









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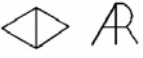


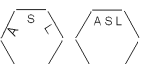














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






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




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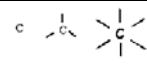










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
















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








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|  | CENTRAL SCREW PRODUCTS | 44 |
|  | CHEROKEE TOOL & ENGINEERING CO., INC. | 45 |
| C W R C | CWR MANUFACTURING CO | 50 |
| D | | |
| D & D | D & D TOOL COMPANY, INC. | 50 |
|  | B & D THREADED ROLLING | 23 |
|  | DACK INDUSTRIES, INC. | 51 |
|  | DANIEL CO., EDWARD W. | 51 |
| D | DAN-LOC BOLT & GASKET INC. | 51 |
| D | DECKER MANUFACTURING CORP | 52 |
|  | DEFIANCE STAMPING COMPANY, THE | 53 |
| D | DEHOUSSE (USINES) | 53 |
|  | DELL MFG. CO., INC. | 53 |
| D | DEMAT | 53 |
|  | DERBYSHIRE MACHINE & TOOL CO. | 54 |
| D | DIESEL PARTS COMPANY OF CALIFORNIA | 54 |
| D | DIHARD COMPANY | 55 |
|  | DO MANUFACTURING CORP. | 55 |
|  | DUPONT, G.B. CO., INC. and KAMAX L. P | 57, 74, 98 |
|  | DUSEVOIR METAL PRODUCTS, INC. | 57 |
| D | DUVE GmbH & CO. KG | 57 |
|  | DYSON CORP THE | 58 |
|  | ONTIC ENGINEERING & MANUFACTURING, INC. | 139 |
|  | STEEL WAREHOUSE COMPANY, INC. | 171 |
| D A E | DAVE ALLEN ENTERPRISES | 51 |
| DAS 1 | DEFENSE AEROSPACE | 52 |
| DB | DAN-LOC BOLT & GASKET INC. | 51 |














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| SYMBOL | COMPANY NAME | PAGE |
|------------------------|--|---------|
| DC | D. C. MACHINING INC. | 50 |
| DDG | BLANC AERO INDUSTRIES and LISI | 29, 112 |
| | DYNAMIC ENGINEERING | 57 |
| DF [™] | DEUTSCH COMPANY INC., THE | 54 |
| d | DTF MANUFACTURING, INC. | 56 |
| DFCI | DFCI SOLUTIONS, INC. | 54 |
| | DETROIT HEADING CO. | 54 |
| DHL | DHL ENTERPRISES | 54 |
| | DIAL SUPPLY AND MANUFACTURING, INC. | 54 |
| D | DELT INDUSTRIES, INC. | 53 |
| DI | DUNCAN ELECTRONICS & MFG. CO | 56 |
| DF | DOMESTIC FORGING, INC. | 55 |
| DL | DISC-LOCK INTERNATIONAL | 55 |
| | MILLS, J. R. MACHINING, INC. | 125 |
| DMC | DECKER MANUFACTURING CORP | 52 |
| | DEPENDABLE MACHINE CO., INC. | 54 |
| | DELTA MACHINE & TOOL CO., INC. | 53 |
| DMT | DIXON MACHINE & TOOL and TROY D. RAY | 55, 182 |
| | KNIPPING-DORN GmbH | 101 |
| | TRW | 183 |
| D P | DARCO PRODUCTS | 51 |
| DP | DUNHAM PRODUCTS, INC. | 57 |
| DPM | DAVIES PRECISION MACHINING, INC. | 51 |
| | DEFENSE QUALITY MFG. | 52 |
| R | DOUBLECO INCORPORATED | 56 |
| | DEMAT | 53 |
| DTE | DOUGLASS TOOL & ENGINEERING CO., INC. | 56 |
| DTE | EMERALD VALLEY MFG | 60 |













| SYMBOL | COMPANY NAME | PAGE |
|-----------------|------------------------------------|---------|
| | DTF MANUFACTURING, INC | 56 |
| | DUFFY ELECTRONICS & MFG. CO. | 56 |
| DUVE | DUVE GmbH & CO. KG | 57 |
| DUVEX | DUVE GmbH & CO. KG | 57 |
| DV | DEL-VAL FASTENER MANUFACTURING | 53 |
| DX | DUVE GmbH & CO. KG | 57 |
| DZUS | DYNACAST | 57 |
| DZUS | DZUS FASTENER CO., INC. | 58 |
| E | | |
| | EAGAN MACHINE CORP. | 58 |
| E | EAST COAST METALS INC. | 58 |
| | EASTERN SCREW CO., INC. | 59 |
| E | EBC INDUSTRIES (ERIE) | 59 |
| E | ERIE BOLT CORP. | 63 |
| E | ELASTIC STOP NUT & ESNA | 60, 116 |
| E | ELCO INDUSTRIES, INC. | 60 |
| e | ELLIS PRECISION INDUSTRIES | 60 |
| | ENGINEERING MATERIALS CO., INC. | 62-62 |
| | ENOMOTO INDUSTRIES CO., LTD. | 63 |
| E | ERICO FASTENING SYSTEMS | 63 |
| | ESMET, INC. | 63 |
| E | NORTHBRIDGE FASTENERS | 135 |
| | R B & W CORPORATION | 151 |
| E A | VOSS INDUSTRIES, INC. | 191 |
| | SUPERIOR TECHNOLOGY | 174 |
















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| SYMBOL | COMPANY NAME | PAGE |
|--|---|---------|
| EBM | EBERHARD BRUNINGHAUS | 59 |
| EBP | ENGINEERED BOLTING PRODUCTS, INC. | 61 |
|  | ELCO INDUSTRIES, INC. | 60 |
|  | E.L.R. MACHINE AND TOOL | 58 |
| EM | EASTWOOD MFG., CO. | 59 |
|  EM | ENGEL MANUFACTURING COMPANY, INC., THE | 61 |
| EM | ENGLE MANUFACTURING COMPANY, INC., THE | 63 |
|  | ESSENTIAL MACHINING | 64 |
|  | EXPERIMENTAL MACHINE CO. | 65 |
| EN | ELASTIC STOP NUT & ESNA | 60, 116 |
| Ep | EAGLE PICHER INDUSTRIES | 58 |
|  | EMPIRE PRECISION MACHINING and MD3 INDUSTRIES LTD. | 61, 121 |
| EPI | ESCO PRECISION, INC. | 63 |
| ERIE | EBC INDUSTRIES (ERIE) | 59 |
| ERIE | ERIE BOLT CORP. | 63 |
| ESC | ECENARRO S. COOP. LTDA | 59 |
| ESNA | ELASTIC STOP NUT & ESNA | 60, 116 |
| ESTA | ESTA PRODUCTS COMPANY | 64 |
| ET | AVIBANK MFG., INC. | 22 |
| ETC | AVIBANK MFG., INC. | 22 |
| EΣΠ | ESP MANUFACTURING CO., INC | 64 |
| EWB | SPS TECHNOLOGIES | 169 |
| EWN | SPS TECHNOLOGIES | 169 |
|  EXPANDO | PRECISE OF CALIFORNIA | 147 |
| F | | |
| F593 | ENGLE MANUFACTURING COMPANY, INC., THE | 63 |
| F | AVIATION MANUFACTURING GROUP LLC (SEE DBA FREEMAN CO., THE) | 21 |
|  | BLUE TEE CORP DBA GEFCO/ STECO | 30 |
|  | FAILING CO., GEORGE E | 66 |
| f | FALL RIVER MANUFACTURING CO., INC. | 66 |
| F F | (FASSCO) FASTENER & STEEL SUPPLY CO., LTD. | 67 |
| F | FASTENRATH BEFESTIGUNGSTECHNIK | 68 |



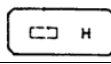






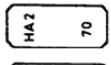
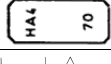

| SYMBOL | COMPANY NAME | PAGE |
|--|---|---------|
| F | GmbH | |
| F | FASTI-WERK CARL AUG. FASTENRATH GMBH & CO.KG | 68 |
| F | FASTRON COMPANY, THE | 68 |
|   F | FEDERAL SCREW WORKS | 69 |
|  | FENBAR PRECISION MACHINISTS, INC. | 69 |
|  | FERNDALE FASTENER | 69 |
| F | FREEMAN CO. | 73 |
|  | LISI AEROSPACE | 112 |
|  | M & M MANUFACTURING CORPORATION | 114 |
| F | VISSERIES & BOULONNERIES DE FOURMIES | 188 |
| F | FONTANA S.A. | 72 |
| 2F 3F 4F 5F | | |
|  | THIANT (BOULONNERIE DE SA) | 179 |
| FAH | FRISBY AEROSPACE INC DE and TRIUMPH GROUP OPERATIONS INC, THE | 73, 182 |
|  | FRONTIER BOLT COMPANY OF TEXAS | 73 |
| F C F-C | FERRY CAP & SET SCREW CO., THE | 70 |
|  | FUCHS SCHRAUBENWERK GmbH | 73 |
| FCI | FONTAL CONTROLS, INC. | 71 |
| FDC | FLUIDYNE CORPORATION | 71 |
|  | FABER ENTERPRISES, INC. | 65 |
| FE | FABSCO CORP. | 66 |
|  | FLORES ENTERPRISES | 71 |
| F E C | FEDERAL EQUIPMENT COMPANY | 68 |
| 6 0 5 8 7 | | |
|  FF | FOREST FASTENERS | 72 |
|  | FORMED FASTENER MANUFACTURING, INC. | 72 |












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| SYMBOL | COMPANY NAME | PAGE |
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| F.K | VISSERIES & BOULONNERIES DE FOURMIES | 188 |
|  | FLAIG & HOMMEL | 70 |
|  | FENTON HEADING | 69 |
|  | FIBAM COMPANHIA INDUSTRIAL | 70 |
| FIT | FASTENER INNOVATION TECHNOLOGY, INC. | 67 |
|  | FLUIDONICS INC. | 71 |
|  | FALCON MANUFACTURING CORP. | 66 |
|  | FOLSOM TOOL & MOLD CORP. | 71 |
| F M C | FEDERAL MANUFACTURING CORP. | 68 |
|  | TRIAD PRODUCTS CORP. | 182 |
| FN | AVIBANK MFG., INC. | 22 |
| FNF | SPS TECHNOLOGIES | 169 |
|  | FASTENAL COMPANY | 67 |
| FONTANA | FONTANA S.A. | 72 |
|  | FASTENING PRODUCTS OF LANCASTER, INC. | 68 |
| FPA | FPA MANUFACTURING | 72 |
|  | FASTENING PRODUCTS CO., INC. | 68 |
| FPIC | FOREMOST PRECISION INSTRUMENT CORP. | 72 |
| fr | FALL RIVER MANUFACTURING CO., INC. | 66 |
| F.R. | FRANROE PRECISION MACHINE COMPANY | 72 |
| FRIEDBERG | AUGUST FRIEDBERG GmbH | 20 |
| F.R.P | FRANROE PRECISION MACHINE COMPANY | 72 |
| FS | FABRICATION SPECIALTY INC. | 66 |
| F S | FERRIERE DI STABIO, S.A. | 69 |
| FS | FLAIG & HOMMEL | 70 |
| f t | CAMCAR DIVISION OF TEXTRON INC. | 38-40 |
| FT | FASTENER TECHNOLOGY CORP. | 67 |
|   | FUCHS SCHRAUBENWERK GmbH | 73 |





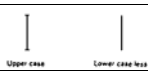







| SYMBOL | COMPANY NAME | PAGE |
|--|-------------------------------------|-------|
| FX | FLEXALLOY INC. | 71 |
| G | | |
| G | EVERLOCK FASTENING SYSTEMS | 64,65 |
|  | GALAN PRECISION MACHINE CO. | 74 |
|  | GALMAC MFG CO. | 74 |
| G | GATEWAY SCREW AND RIVET, INC. | 75 |
|   | GENERAL MACHINE PRODUCTS, INC | 75 |
|  | GILL MACHINE & TOOL CO. | 76 |
| G | GOSHO WORKS, LTD. | 76 |
|  | GRACO INDUSTRIES, INC. | 77 |
| G | GREER STOP NUT | 78 |
|   | GUARDIAN RIVET & FASTENER | 80 |
| GAI | GATES ALBERT INC. | 75 |
|  | GARDINER MFG. CO. | 75 |
| G.B.M | G. B. MACHINE PRECISION, INC. | 74 |
|  | STERLING MARKING PRODUCTS IC. | 173 |
|  | GRAUCH ENTERPRISES | 77 |
| GEBI  | J. GEORG BIERBACH | 95 |
| GF | GRANDUER FASTENERS, INC. | 77 |
| Gf | GRIPCO, DIVISION OF BLACK & DECKER | 78 |
| GFM | GREENFIELD MANUFACTURING CO., INC. | 78 |
| G_H | EMHART CORP. | 61 |
| GII | GERTLER INDUSTRIES, INC. | 75 |
|  GLC 1 | GL CNC SERVICE INC. | 76 |
| GMF | GAITHER PATRICIA | 74 |
|  | GMJ MACHINE COMPANY, INC. | 76 |
| GMT | GREATER MARYLAND TOOL & MFG., CORP. | 77 |
|  GN | GRIPCO, DIVISION OF BLACK & DECKER | 78 |
| Go | GOSHO WORKS, LTD. | 76 |
| Gosho | GOSHO WORKS, LTD. | 76 |
| G-P | GROOV-PIN CORPORATION | 79 |

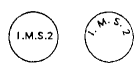
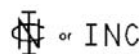


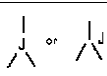


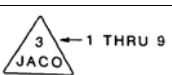






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| SYMBOL | COMPANY NAME | PAGE |
|--|--|---------|
| GPM | GALAN PRECISION MACHINE CO. | 74 |
| G & R | G & R SCREW MACHINE PRODUCTS | 74 |
| GR | RABOURDIN | 152 |
|  GRMN 6 | GERMAN MACHINED PRODUCTS, INC. | 75 |
| GS | B & B SPECIALTIES INC. and GS AEROSPACE TECHNOLOGY, INC. | 22, 79 |
| G-S | G & S MACHINE INC. | 74 |
| GS | GENERAL SCREW & SPECIALTY CO., INC. | 75 |
| GSAT | GS AEROSPACE TECHNOLOGY, INC. | 79 |
| GSF | ARMSTRONG FASTENINGS LTD. | 18 |
| GSF | GSF FASTENING | 79 |
| GSI | GS AEROSPACE TECHNOLOGY, INC. | 79 |
|  ST | SCHRAUBENFABRIK GUSTAV STERNBERG GmbH & CO. KG | 162 |
| GTT | GUNNISON-INTERNATIONAL INC. | 80 |
| H | | |
| H | BEK LEVEL 1 FASTENERS and LEVEL 1 FASTENERS | 26, 108 |
|  | FUCHS SCHRAUBENWERK GmbH | 73 |
|  | HAMANAKA (THAILAND). CO., LTD. | 81 |
| H | HASKELL OF HUNTINGTON, INC. | 82 |
| h | HAYDON BOLTS, INC. | 83 |
|  | HEMCO TOOL INC. | 84 |
| H | HEXAGON ENTERPRISES, INC. | 84 |
|  H | HILL FASTENER CORP. | 85 |
| H | HILTI, INC. | 86 |
| H   | HI-SHEAR CORP. (LISI) | 86 |
| H | HOFFMANN, RICHARD GMBH CO. KG | 87 |
| H | HOLLYWOOD MANUFACTURING INC. | 87 |
| H | HUCK PRODUCTS | 89 |
| H | HUGGINS MFG. | 89 |
| H | HURON AUTOMATIC SCREW CO. | 89 |
|  H | MNP CORPORATION | 128 |
|  | FUCHS SCHRAUBENWERK GmbH | 73 |
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| HA | HABINA ENGINEERING | 81 |
|  | HARTFORD AIRCRAFT PRODUCTS, INC. | 82 |



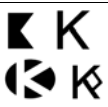





| SYMBOL | COMPANY NAME | PAGE |
|---|--|-------|
|  | HARRISON BOLT & NUT CO., THE | 82 |
| HB | HYDROBOLT LIMITED | 90 |
| HBN | MNP CORPORATION | 128 |
| HBW | HAWTHORNE BOLT WORKS | |
| HC | H C MERCHANDISERS INC. and H C PACIFIC | 80 |
| HCP | H C MERCHANDISERS INC. and H C PACIFIC | 80 |
|  HD | HUGO DURHOLT GMBH & CO. KG | 89 |
| HDI | HARWOOD DESIGN, INC. | 82 |
| HE HE | HORST ENGINEERING & MANUFACTURING CO. | 88 |
| HEM | HORST ENGINEERING & MANUFACTURING CO. | 88 |
|  | HILL FASTENER CORP. | 85 |
| HF | HYDRO FITTING MFG. CORP. | 90 |
|  HHW | HO HONG WORKS CO., LTD | 87 |
|  | HI INDUSTRIAL TECHNOLOGIES | 84 |
| HIC | HALLSIMS INDUSTRIAL COMPONENTS, INC. | 81 |
|  | HILL AEROSPACE & DEFENSE LLC. | 85 |
| HILTI | HILTI, INC. | 86 |
| HI PSI | SPS TECHNOLOGIES | 169 |
| HI TI | SPS TECHNOLOGIES | 169 |
| HK HK H-K | HOLO-KROME CO. | 87 |
| HL | HLC INDUSTRIES INC. | 86 |
| HM | H. MULLINS, LTD. | 80 |
| hmc | HOWIE MANUFACTURING CO., INC. | 88 |
|  | HEIM'S MACHINE & TOOL, INC. | 83 |
| HMTC | HOWE MACHINE AND TOOL CORP. | 88 |
|  | CAMCAR DIVISION OF TETRON INC. | 38-40 |
|  | H. PRINZ GmbH | 80 |
| HP  | HENWAY, INC. | 84 |
|  | HIGHLAND PRODUCTS CORPORATION | 85 |
| HP | HOWELL PRECISION, INC. | 88 |
| HP | MICRO SCREW MACHINE PRODUCTS, INC. | 124 |
| HPF | HOUSTON PRECISION FASTENERS | 88 |
| HPS | HILTI, INC. | 86 |
| HQ | HIGH QUALITY MACHINE SHOP | 84 |
| HR HR | HORSPPOOL & ROMINE MANUFACTURING CO., INC. | 87 |







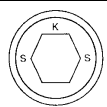
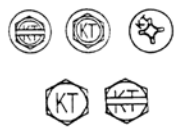




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| SYMBOL | COMPANY NAME | PAGE |
|---|--|-------|
|  | HARDWARE SPECIALTY CO, INC | 82 |
| HS | HILL STAMPING & MFG., INC. | 85 |
| hs HS hs | HI-SHEAR CORP. | 86 |
| hs | LISI AEROSPACE | 111 |
| HSC | HUNTER STEVENS COMPANY | 89 |
| HSLG-R | HILTI, INC | 86 |
|  | HAMANAKA (THAILAND). CO., LTD. | 81 |
| H | HIGHLAND THREADS, INC. | 85 |
| H _T | HOWARD TOOL CO., INC. | 88 |
| HTC | HEITCO MANUFACTURING, INC. | 84 |
| HTE. | HIGH TECH ENTERPRISES | 85 |
|  | HATCH INDUSTRIES | 83 |
|  | HUNT VALVE COMPANY, INC. | 89 |
| HVI | HUNTINGTON VALLEY INDUSTRIES, INC. DBA HVI | 90 |
| I | | |
|  | EVERLOCK FASTENING SYSTEMS | 65 |
| I | ALPHA BOLT CO. | 13 |
|  | IMPERIAL SUPPLIERS, INC. | 91 |
| I | INDUSTRIAL & AUTOMOTIVE FASTENERS | 91 |
|  | INTERSTATE FITTINGS INC. | 93 |
|  | PIONEER SCREW & NUT CO. | 145 |
| II | MACLEAN-FOGG CO. | 116 |
| III | COLOC MANUFACTURING | 47 |
| IAH | INDIANA AIRCRAFT HARDWARE | 91 |
| IF | IDEAL FASTENERS INC. | 90 |
| IF | INDUSTRIAL FORGE, INC. | 92 |
|  | I.G.D. MACHINE & TOOL LTD. | 90 |
|  | STERLING MARKING PRODUCTS IC. | 173 |
|  | CAMCAR DIVISION OF TEXTRON INC. | 38-40 |
| IM | INLAND MACHINE CO. | 93 |
| IM | IRVING MACHINE SERVICE, INC. | 93 |
|  | INTERFLEX MFG. CORP. | 93 |


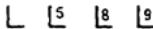
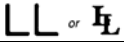









| SYMBOL | COMPANY NAME | PAGE |
|--|---|------|
|  | INSTRUMENT MACHINING SERVICE LTD. | 93 |
| I.M.S.2 | | |
|  | INDUSTRIAL NUT CORP. | 92 |
| ICHO | AIHARA SEIBYO CO LTD | 10 |
|  | ISLAND ENGINEERING | 94 |
| IN | FASTENER BROKERAGE INC. | 67 |
| IN | INOFEST MANUFACTURING INC. | 93 |
| INBUS [®] | BAUER & SCHAURTE KARCHER GMBH | 25 |
|  | IN-SPECK CORP. | 93 |
| IT | AVIBANK MFG., INC. | 22 |
| ITC | AVIBANK MFG., INC. | 22 |
| IRW | IRWIN AUTOMATION, INC. | 94 |
| J | | |
| J | AF FASTENERS LIMITED | 9 |
|  | B & G MANUFACTURING CO., INC. | 23 |
| J | HEWINS, EDMOND, C. JR DBA JET MACHINE WORKS COMPANY | 84 |
| J | JACOBSON MFG., LLC. | 96 |
|  | JJ SCREW PRODUCTS, INC. | 97 |
| J | JOSLYN CORP. | 97 |
|  | JUPITER WASHERS, INC. | 97 |
| J2H | B & G MANUFACTURING CO., INC. | 23 |
| J4 | B & G MANUFACTURING CO., INC. | 23 |
|  | JACO ENGINEERING, INC. | 96 |
| JB | BUTLER, INC. | 35 |
|  | JAY BEE MACHINE WORKS, INC. | 96 |
| JB7 | B & G MANUFACTURING CO., INC. | 23 |
| JB16 | B & G MANUFACTURING CO., INC. | 23 |
|  | DEERE & CO. | 52 |
|  | JAYCO ENGINEERING, INC. | 96 |
|  | JERGENS INC. | 97 |
| JF | ELECTRO-FREETO MANUFACTURING COMPANY | 60 |
|  | J. G. FASTENERS | 95 |
|  | HASSALL, JOHN, INC. | 82 |
| Jl | JAMISON INDUSTRIES INC. | 96 |














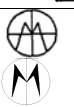



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| SYMBOL | COMPANY NAME | PAGE |
|---|---|-----------------|
| JIT | JUST IN TIME, INC. | 98 |
|  | JAMES JACKSON DBA J J ENGINEERING | 96, 97 |
|  | B & G MANUFACTURING CO., INC. | 23 |
| JP | J.M. PRECISION, INC. | 95 |
| JNC | B & G MANUFACTURING CO., INC. | 23 |
| JOLICO | JOLICO/J-B TOOL INC | 97 |
| JOM | JAY O MACHINE CO., INC. | 96 |
| JS | B. V. FABRIEK VAN KLINKNAGELS EN SCHROEFBOUTEN V/H SMIT | 24 |
| J-S | J & S PRECISION PRODUCTS | 95 |
| JT | JAM TECH CORP. | 96 |
| K | | |
| K | ADI MANUFACTURING, INC | 6 |
|  | KAYNAR PRODUCTS (ALCOA FASTENING SYSTEMS) (Previously KAYNAR TECHNOLOGIES, INC. DIV. OF MICRODOT | 99 11 124 |
| K | KATSURAGAWA MACHINE SCREW CO., LTD. | 99 |
| K | KAYGOR, INC. | 99 |
| K | KEN FORGING, INC. | 100 |
| K | KILBOURN ENGINEERING CO. | 100 |
|  | KEYSTONE BOLT & NUT COMPANY | 100 |
|  | KEYSTONE TOOL & MACHINE CO. | 100 |
|  | KNOCH MANUFACTURING CO. LTD. | 101 |
|  | KOLB GMBH & CO. | 101 |
| K | KORODY COLYER CORP. | 102 |
|  | KNOCH MANUFACTURING CO. LTD. | 101 |
| K | SPS TECHNOLOGIES | 169 |
| K-5673 | SPS TECHNOLOGIES | 169 |
| KAA | K.A.A. COMPANY | 98 |
| KAMAX | KAMAX-WERKE RUDOLF KELLERMANN GmbH & CO. KG | 98 |
| KARRO® | BAUER & SCHAURTE KARCHER GMBH | 25 |
| KDK | K.D.K. UPSET FORGING CO. | 98 |
| KE | KELLER ENGINEERING | 99 |

























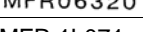
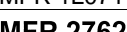
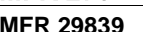
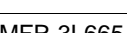
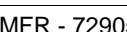
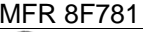


| SYMBOL | COMPANY NAME | PAGE |
|--|---|------|
| K + K | K & K PRECISION ENTERPRISES | 98 |
|  | KYOKUTO MFG CO LTD. | 103 |
| KL | KLINCHER LOCKNUT CORP. | 101 |
| KLM | K.L.M. MACHINE INC. | 101 |
|   | KERR LAKESIDE INC. | 100 |
| KO | KO AMS MACHINE PRODUCTS | 101 |
| KP | KAPCO INDUSTRIES, INC. | 99 |
|  | KIRSTEN PIPE CO. INC. | 101 |
| KPP | KOZAK, E. PERCISION PRODUCTS CO. | 102 |
|  | KROBACH MANUFACTURING CORP. | 103 |
|  | KONGO BYORA CO., LTD. | 102 |
| KNIPPING | ARNOLD KNIPPING GmbH | 18 |
| KPP | E. KOZAK PRECISION PRODUCTS CO. | 58 |
| KS | SPS TECHNOLOGIES | 169 |
|  | KSS SOCKET SCREW, INC | 103 |
|  | K-TECH MFG., INC. | 103 |
| KT | | |
|  | TURNAMICS, INC. | 183 |
| KTI | KONDOR TECHNOLOGIES, INC. | 102 |
| KTM | KREIS TOOL & MFG., CO., INC. | 102 |
| KX | KAMAX-WERKE RUDOLF KELLERMANN GmbH & CO. KG | 98 |
|  | KYOEI SEISAKUSHO CO., LTD. | 103 |
| L | | |
| L | CHUN YU WORKS & CO., LTD. | 46 |
| L | L & H THREADED RODS CORP. | 104 |
|  L | LAMSON AND SESSIONS OF CANADA LTD. | 105 |
|  | LANIS MACHINE & MFG., CO. | 106 |
| L | LINREAD NORTHBRIDGE AIRCRAFT PRODUCT DIVISION | 109 |












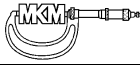


















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| SYMBOL | COMPANY NAME | PAGE |
|--|--|----------|
|  | LINREAD PUBLIC LIMITED CO. | 110 |
| L | LONE STAR FASTENERS, LP | 113 |
| L L1 | LORD CORPORATION | 114 |
|  | R B & W CORPORATION | 151 |
| LL | LINREAD PUBLIC LIMITED CO. | 110 |
|  | LONG-LOK FASTENERS CORP. | 113 |
| LAH LH | LENTERN (AIRCRAFT) LTD. | 107 |
| LAM | L. A. MARTIN CO. | 104 |
| L B  <i>Raised letters</i> | LANARKSHIRE BOLT LTD. | 106 |
|  | L & C MANUFACTURING CO., INC. | 103 |
|  | LISI AEROSPACE | 111 |
| LE | LAKE ERIE SDREW CORP. | 105 |
| LE | LIPPISCHE EISENINDUSTRIE GmbH | 111 |
| LE | WOLTERS GMBH | 196 |
| LG | L G MACHINE & MFG INC. | 104 |
| LFC | LFC INDUSTRIES INC. | 109 |
|  | L H INDUSTRIES, INC. | 104 |
| LI | LANA INDUSTRIES | 106 |
|  | TRW | 183 |
|  | L & J FASTENERS, INC. | 104 |
| L & M | L & M ENTERPRISES, INC. | 104 |
|  | LEVINGSTON MACHINE COMPANY | 109 |
| LMC | LOUGHLIN MANUFACTURING CORP. | 114 |
|  | LANUM METAL PRODUCTS, INC. | 106 |
| L.M.T. | LANUM METAL PRODUCTS, INC. | 106 |
|  | LLOYD MACHINE & TOOL CO., INC. | 113 |
| LNA | L N AEROSPACE, INC. | 104, 113 |
| LOBO | LOBO OFFICINE MECCANICHE SPA | 113 |
| LOBO | LOBO SYSTEMS LTD | 113 |
| LONG LOK | LONG-LOK FASTENERS CORP. | 113 |
| L. P. R. | L P R PRECISION PARTS AND TOOL COMPANY, INC. | 104 |
| LRA | AVIBANK MFG., INC. | 22 |
| LRG | L R G CORPORATION | 104 |
| L.P.R. | PRECISION PARTS & TOOL CO., INC. | 147 |












| SYMBOL | COMPANY NAME | PAGE |
|---|--------------------------------------|------|
|  | R B & W CORPORATION | 151 |
| L-S-A | CEI INC. | 43 |
| L-S-A | LAND-SEA-AIR MACHINED PRODUCTS, INC. | 106 |
| L<W>M | LITTLE WORLD MANUFACTURING, INC. | 113 |
| M | | |
| M | COOPER POWER SYSTEMS INC | 48 |
| M | DEMAT | 53 |
|  | GFD LETAGE | 76 |
| M | HMS SERVICES LLC | 87 |
|  | KELOX/MICRODOT PRODUCTS | 99 |
|  | LISI AEROSPACE | 112 |
| M | MACKO INDUSTRIES | 115 |
|  | MAGNUS TOOL & DIE CO., INC. | 117 |
|  | MEACO PRODUCTS CORP. | 122 |
| M | MECAERO PRODUCTS | 122 |
|  | MERCURY AREOSPACE INC. | 123 |
| M | METALCRAFTERS | 123 |
|  | METRIX MFG. CO. | 124 |
|  | MI. ME. AF. S.r.l | 124 |
|  | MICRODOT INC | 124 |
|  | MIDWEST ACORN NUT CO. | 125 |
|  | MILLIPART, INC. | 125 |
| M | MINEBEA CO. LTD | 126 |
| M | M-MANUFACTURING | 127 |
|  | MNP CORPORATION | 128 |
|  | MORTON MANUFACTURING | 129 |
| M | MRL MANUFACTURING CORP. | 130 |
|  | MACOR, INC. | 117 |
|  | MIX TOOL CO. | 126 |
|  | MODERN METRIC MACHINE COMPANY INC. | 128 |












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| SYMBOL | COMPANY NAME | PAGE |
|---|--|----------|
|  | INFASCO, NFASCO NUT and INGERSOLL FASTENERS | 93 |
|  | M.A.A. CORP. | 114 |
|  | MAC FASTENERS, INC. | 115 |
|  | MCCULLOUGH AERO CO. | 121 |
|  | ADAMS, EARL M. CO. | 6 |
|  | MAILLY MFG CO., INC. | 117 |
|  | MID-STATES SCREW CORP. | 125 |
|  | ADI MANUFACTURING, INC | 6 |
|  | MCADAMS MACHINE AND TOOL CO. | 120 |
|  | MECAERO CANADA INC. | 122 |
|  | MECAIR AEROSPACE INDUSTRIES | 122 |
|  | METALCRAFTERS | 123 |
|  | MID CONTINENT SCREW PRODUCTS CO. | 125 |
|  | WROUGHT WASHER MANUFACTURING INC. | 197 |
|  | MARTIN-CHANDLER, INC. | 118 |
|  | MEACO PRODUCTS CORP. | 121 |
|  | McMELLON BROS INC. | 121 |
|  | LEONARD JED CO MARYLAND BOLT AND NUT CO DIV | 107-108 |
|  | MARYLAND BOLT & NUT CO., INC. | 119, 120 |
|  | MEL-BA MANUFACTURING INC. | 122 |
|  | METRIX MFG. CO. | 124 |
|  | METRIX MFG. CO. | 124 |
|  | MACLEAN-FOGG CO. | 116 |
|  | MORTON FASTENERS INC. | 129 |
|  | PYE & HOGAN MACHINE CO. | 149 |
|  | MIROFINE COMPANY | 126 |
|  | PB FASTENERS | 142 |
|  | ADVANCE PATTERN CORP | 6 |
|  | C. E. MACHINE CO., INC. | 36 |
|  | ARJAY PRECISION, INC. | 17 |
|  | STEVENS MFG. CO., INC. | 173 |
|  | MANUFACTURING ENGINEERING TECH. | 117 |



















| SYMBOL | COMPANY NAME | PAGE |
|---|------------------------------------|----------|
|  | MOSTAR GEAR & MACHINE MFG., CO. | 129 |
|  | MECHANICAL & INDUSTRIAL FASTENERS | 122 |
|  | MECHANICAL INDUSTRIES LLC | 122 |
|  | KELOX/MICRODOT PRODUCTS | 99 |
|  | MICRODOT INC. | 124 |
|  | MECHANICAL & INDUSTRIAL FASTENERS | 122 |
|  | MODFORM-ILLINOIS, INC. | 128 |
|  | MONOGRAM AEROSPACE FASTENERS | 129 |
|  | MI-TECH, INC. | 126 |
|  | MIX TOOL CO. | 126 |
|  | LISI AEROSPACE | 112 |
|  | MKM MACHINE TOOL COMPANY INC. | 127 |
|  | LINREAD PUBLIC LIMITED CO. | 110 |
|  | MCLANE MFG INC. | 121 |
|  | M.L.W. MANUFACTURING CO. | 114 |
|  | MAR-BRO MFG., INC. | 118 |
|  | MILE-HI MACHINE, INC. | 125 |
|  | MACKSON MFG CORP. | 115 |
|  | MMG ENGINEERED COMPONENTS INC | 127 |
|  | HMS SERVICES LLC | 87 |
|  | MODERN METRIC MACHINE COMPANY INC | 128 |
|  | KERR, CHARLES W. and MAUI MEGA | 100, 120 |
|  | MONROE MACHINED PRODUCTS, INC. | 129 |
|  | METHODS AND MACHINING SERVICES CO. | 123 |
|  | MAIN MACHINE CO INC. | 117 |
|  | MNP CORPORATION | 128 |
|  | LISI AEROSPACE | 112 |
|  | MONOGRAM AEROSPACE FASTENERS | 129 |
|  | MAPECO PRODUCTS, INC. | 118 |
|  | MERCER PRODUCTS & MFG. CO., INC. | 123 |

















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| SYMBOL | COMPANY NAME | PAGE |
|---|-------------------------------------|------|
| MP | MONTEREY MACHINE PRODUCTS | 129 |
|  | UMPCO CORP. | 184 |
| MR | MACHINERITE CORP. | 115 |
|  | MASTER RESEARCH & MFG., INC. | 120 |
| MSA | M.S. AEROSPACE | 114 |
| MSF | MIL-SPEC FASTENERS CORP. | 125 |
|  | MANUFACTURING SALES AND SERVICE | 117 |
| MT | ALEXANDER MANUFACTURING COMPANY INC | 12 |
| MT | AVIBANK MFG., INC. | 22 |
| M T | METAL-TECH MFG. INC. | 123 |
|  | METRO TOOL & MANUFACTURING CO. | 124 |
|  | MASTERCRAFT TOOL COMPANY | 120 |
|  | MERCURY TOOL & MACHINE, INC. | 123 |
|  | MANUFACTURING TECHNOLOGY SERVICES | 118 |
| MTT | TWIST TITE MFG. INC. | 183 |
| MULTI-C | CARDINAL INDUSTRIAL PRODUCTS | 42 |
|  | MOTOR WHEEL CORP. | 130 |
| MW ORD | | |
| N | | |
| N | HANSAN SCREW CO., LTD. | 81 |
| N | METALCRAFTERS | 123 |
| N | MITSUBOSHI INDUSTRIES, LTD. | 126 |
| N | MONOGRAM AEROSPACE FASTENERS | 129 |
| N | N.S.S. INDUSTRIES | 130 |
| N | NAFCO INDUSTRIES, INC. | 130 |
|  | NAPIER'S AUTO BODY | 130 |
| N | NELSON STUD WELDING DIVISION | 133 |
| N | NEUMAYER, ERICH GMBH | 133 |
| N | NISSAN SCREW CO. LTD. | 134 |
|  | NOCHIA STEELWORKS | 134 |
|  | NOVA MACHINE PRODUCTS CORPORATION | 136 |



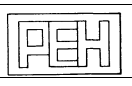


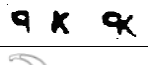









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| n | NUCOR CORP. | 136 |
| N | NUTS INCORPORATED | 136 |
| N | NUTS, INC. | 136 |
|  | ONO MANUFACTURER, INC. | 139 |
| NA | NELSON AEROSPACE INC. | 132 |
| NAC | NC AUTOMATED INDUSTRIES INC. | 132 |
| NB | LINREAD NORTHBRIDGE | 109 |
|  | NATIONAL BOLTS & RIVETS LTD. | 131 |
| NB | NORTHBRIDGE FASTENERS | 135 |
|  | ND INDUSTRIES | 132 |
|  | NEVILLE MACHINE SHOP | 133 |
| NE | NEKG HOLDINGS | |
| NEDIN | NEDSCHROEF | 132 |
| NEDLOY | NEDSCHROEF | 132 |
| NEDUR | NEDSCHROEF | 132 |
|  | NORTHEAST METAL CO., INC. | 135 |
|  | NORTHEAST FASTENERS | 135 |
| NF | NEVADA BOLT AND MFG CO INC. | 133 |
| NF | NON-FERROUS BOLT & MANUFACTURING CO. | 134 |
| NFB | GREER STOP NUT | 78 |
| NH | NEDSCHROEF | 132 |
| NH | NEW HORIZON MACHINE CO., INC. | 133 |
| Ni | NAVPAR, INC. | 131 |
| NK | MITSUBOSHI INDUSTRIES, LTD. | 126 |
| NK NK | NYLOK CORP. | 137 |
| NKYM | MITSUBOSHI INDUSTRIES, LTD. | 126 |
|  | METALCRAFTERS | 123 |
| NMB | MINEBEA CO. LTD | 126 |
|  | NIPPON MACHINE ENGINEERING, INC. | 134 |
| NMP | NUMERIC MACHINE PRODUCTS | 136 |
| NRS | NAGOYA SCREW MANUFACTURING CO, LTD. | 130 |
|  | NARRAGANSETT SCREW MFG., CO. | 131 |
|  | NISCO, INC. | 134 |
| NS | NORTHERN SCREW CO., INC. | 135 |
|  | NASU DENKI-TEKKO CO., LTD. | 131 |

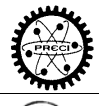



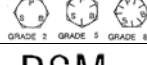
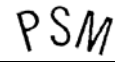











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| NT | NT ENGINEERING, INC. | 136 |
| NTF99 | NORTHBRIDGE FASTENERS | 135 |
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|  | OCM MACHINE COMPANY, INC. | 137 |
|  | OHIO NUT & BOLT CO., THE | 137 |
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|  | SCREWCORP. | 163 |
|  | VOI-SHAN PRODUCTS | 191 |
| OAV | A. AGRATI S.P.A. | 2 |
| OB | OTT BROTHERS MACHINE CO., INC. | 140 |
| OBMC | OTT BROTHERS MACHINE CO., INC. | 140 |
| O K | OKAI IRON WORKS, INC | 138 |
|  | OSTEEN MACHINE SHOP | 140 |
|  | LOOS & CO., INC. | 114 |
| OP | ORANGE PRECISION PARTS | 139 |
|  | ORDNANCE PARTS & ENGINEERING CO. | 139 |
| ORC-O | ORC-O TOOL & MACHINE, INC. | 139 |
|  | OHKAWA SCREW MFG. CO., LTD. and OKAWA SCREW MANUFACTURING CO., LTD | 138, 138 |
| [OTC] | ORLOTRONICS CORP | 139 |
| OTF | OAKTREE FASTENERS CO. | 137 |
| P | | |
| P | BELL FASTENERS | 27 |
|  | BLANC AERO INDUSTRIES and LISI | 29, 111 |
| P | H. PAULIN & CO. LTD. | 80 |
|  | H. PRINZ GmbH | 80 |
|  | LELAND-POWELL FASTENERS, INC. | 107 |






















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|  | LISI AEROSPACE | 112 |
|  | OMEGA THREAD ROLLING AND GRINDING INC. | 138 |
|  | PLAINVILLE MANUFACTURING CO., INC. | 145 |
| P | ORANGE PRECISION PARTS | 139 |
|  | P.C.M., INC. | 140 |
|  | PENN CIGAR MACHINES INC (P.C.M INC) | 143 |
| P | PATEREX, LTD. | 142 |
| P | PAULIN, H. & CO., LTD. | 142 |
|  | PEINER UMFORMTECHNIK GmbH | 143 |
|  | PERIGEE MANUFACTURING COMPANY, INC. | 144 |
|  | PERKINS MACHINE CO. | 144 |
|  | PIONEER SCREW & NUT CO. | 145 |
|  | POLYTECHNIC INDUSTRIES | 146 |
|  | PRECISION PIECE PARTS, INC. | 147 |
|  | PROTO MACHINE CO., INC. | 149 |
|  | PTM INTERNATIONAL INC | 149 |
| P | PURITAS METAL PRODUCTS | 149 |
| PABCOR | PABCOR, INC. | 141 |
| PAL | PALNUT CO., THE | 142 |
| PAL | TRW | 183 |
| PAM | ABBOTT, PETER | 3 |
| PAM | PRECISION AIRCRAFT MACHINING CO., INC. DBA PAMCO | |
| PAMCO | PRECISION AIRCRAFT MACHINING CO., INC. DBA PAMCO | |
|  | PRECISE AERO PRODUCTS | 146 |
| PB | PB FASTENERS | |
| PB | PORTLAND BOLT & MFG., CO. | 146 |
|  | UPB ENGINEERING | 186 |
| PBB | LISI AEROSPACE | 112 |



















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| SYMBOL | COMPANY NAME | PAGE |
|---|--------------------------------------|------|
| | PB FASTENERS | |
|  | | |
| PC | APHEONIX CORPORATION | 17 |
|  | PRODUCT DEVELOPMENT GROUP, INC. | 148 |
| PE | PENNENGINEERING AUTOMOTIVE FASTENERS | |
|  | PROMPTUS ELECTRONIC HARDWARE | 149 |
| PEINER | PEINER UMFORMTECHNIK GmbH | 143 |
|  | PENN ENGINEERING & MANUFACTURING CO. | 143 |
| PHP | PNEU-HYDRO PRODUCTS, INC. | 145 |
|  | P & I ASSOCIATES, INC. | 140 |
| PIP | AVIBANK MFG., INC. | 22 |
|  | KAPCO INDUSTRIES, INC. | 99 |
|  | P & L ENTERPRISES | 140 |
| PM | H. PAULIN & CO. LTD. | 80 |
| PM | PAULIN, H. & CO., LTD. | 142 |
|  | PRICE MANUFACTURING CO. | 148 |
| PMC | BELL FASTENERS | 27 |
|  | POINT MACHINE COMPANY | 145 |
|  | PRECISIONMATICS CO., INC. | 148 |
|  | PRIETO MACHINE COMPANY, INC. | 148 |
| PMC | VERTEX DISTRIBUTION | 188 |
| PMI | PADGETT MACHINE INC. | 141 |
|  | PEREZ MACHINE, INC. | 144 |
| PMP | PIONEER MACHINE PRODUCTS, INC. | 145 |
| PMP | PURITAS METAL PRODUCTS | 149 |
|  | PRO-MACHINE & TOOL COMPANY | 149 |
|  | PATTERSON LAKE PRODUCTS | 142 |
| -PPC- | PARK PRECISION CORPORATION | 142 |
|  | POWERPARTS, INC. | 146 |
| PR | PINEY RIDGE CO. | 145 |
| PRD | PRD FASTENERS LTD. | 146 |



























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|  | PRECI-MANUFACTURING, INC. | 146 |
|  | H. PRINZ GmbH | 80 |
| PS | P.S. MACHINE CO., INC. | 141 |
| PS | PACIFIC SCIENTIFIC | 141 |
|  | PEERLESS SCREW PRODUCTS | 142 |
|  | PHOENIX SPECIALTY MANUFACTURING CO., INC. | 144 |
|  | PRECISION SCREW & BOLT, INC. | 147 |
| PSM | PENN SCREW & MACHINE WORKS, INC. | 144 |
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|  | PRODUCTION & TOOL COMPANY | 148 |
|  | PACIFIC TOOL, INC. | 141 |
| PTI | PAINTER TOOL, INC. | 141 |
|  | PRECISION TECHNOLOGIES, INC. | 147 |
| PTM | PINE TAVERN MACHINE INC. | 145 |
| PTX | PATEREX, LTD. | 142 |
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|  | QSN MANUFACTURING, INC. | 150 |
|  | QUALITY SCREW PRODUCTS, INC. | 150 |
|  | ALL QUALITY SPARES, INC. | 12 |
| QAS | QUALITY AIRCRAFT SCREWS, INC. | 150 |
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|  | QUALITY FABRICATIONS, INC. | 150 |
|  | QUALITY MACHINE & MFG INC. | 150 |
|  | QUALITY SOCKET SCREW MANUFACTURING CORP. | 150 |
| QT | QUALITY THREADED PRODUCTS COMPANY | 150 |


























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| R | RAMAR NUTS, INC. | 153 |
| R | REPUBLIC FASTENER MANUFACTURING CORP. | 155 |
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|  | ROCKFORD BOLT & STEEL CO. | 157 |
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|  | RAMM DEFENSE PRODUCTS | 154 |
| RE | RAM ENTERPRISES | 153 |
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










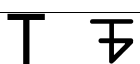
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| Rp | REID PRODUCT INC. | 155 |
|  | R & R PRECISION | 151 |
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| RS  | RS MANUFACTURING, INC. | 159 |
| RT | AVIBANK MFG., INC. | 22 |
|  | RUSCOMB TOOL & MACHNE CO., INC. | 159 |
| RVT | RIVER VALLEY TOOL & MANUFACTURING | 156 |
|  | RA-WHITE, INC. | 154 |
|  | RADAX INDUSTRIES, INC. | 152 |
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| S | J.P. PRODUCTS, INC. | 96 |
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| S | SABRE MANUFACTURING, INC. | 160 |
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| S | SCHUHL & CO. GMBH | 162 |
| •S• | SALES SYSTEM, LIMITED | 161 |











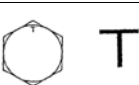
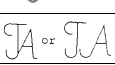

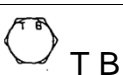





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|  | SHACKELFORD MACHINIG, INC. | 163 |
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|  | SOUTHWEST ALLIED PRODUCTS CO., INC. | 167 |
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| | S. B. E. (ITALY CORPORATION) | 160 |
| | SPS TECHNOLOGIES | 169 |
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





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






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| SM&M | SMITH MACHINE & MANUFACTURING | 166 |
|  | SLABE MACHINE PRODUCTS | 166 |
|  | FILETAG INTERNATIONAL | 70 |
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| SpSc | SPACE SCREW, INC. | 167 |
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| ST | AVIBANK MFG., INC. | 22 |
|  | SWISS TECHNOLOGY, INC. | 175 |
|  | SPIRAL TOOL CORP. | 168 |
|  | STEADFAST CORPORATION | 171 |
|  | SINN-TECH, INC. | 165 |
|  | HALL INDUSTRIES INC. and STANDARD TOOL & MACHINE CO. | 81, 171 |
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|  | SMITH WELDING, INC. | 166 |
| SW | STILLWATER FASTENERS, INC. | 173 |
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| T | BLANC AERO INDUSTRIES | 29 |
| T | ENGLE MANUFACTURING COMPANY, INC., THE | 63 |
|  | LISI AEROSPACE | 111 |














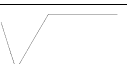

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| T | MINEBEA CO. LTD | 126 |
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|  | RING SCREW WORKS | 156 |
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| T | TELEFAST INDUSTRIES, INC. | 177 |
| T | TERRY MACHINE CO. | 177 |
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| TCQ | T C QUALITY MACHINING INC. | 175 |
|  | T & E MACHINE CORP. | 175 |
|  | TEK PRECISION CO., LTD. | 176 |
| TELLEP | SPS TECHNOLOGIES-METALAC SPS INDUSTRIA | 169 |
| TENS | TENS MACHINE CO., INC. | 177 |







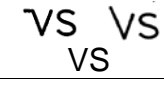











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|  | TEXAS BOLT CO. | 177 |
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| F | HI-SHEAR CORP. and TORONTO FASTENERS INDUSTRIES, INC. | 86, 181 |
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| TF | TFP CORP. | 178 |
| F | TUFF FASTENERS CO. | 183 |
| ·IEI | TFI AEROSPACE CORPORATION | 178 |
|  | TFP CORP. | 178 |
| THE | TONG HWEI ENTERPRISE CO., LTD. | 180 |
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|  | SPS TECHNOLOGIES | 169 |
|  | TERRY MACHINE CO. | 177 |
|  | TRIDENT MACHINE CO. | 182 |
| TM | TRONSON MANUFACTURING | 182 |
| TM9 | SPS TECHNOLOGIES | 169 |
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|  | FARLO MACHINE & TOOL CO., INC. | 66 |
| TMS | MACHINE SHOP, INC., THE | 115 |
| T M T I | THOMAS MACHINING TECHNOLOGIES, INC. | 179 |
| N | NICE TOOL MFG., INC. | 133 |











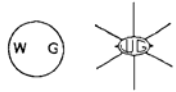






| SYMBOL | COMPANY NAME | PAGE |
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|  | OTO MELARA S.p.A. | 140 |
| TORX (radial) | CAMCAR DIVISION OF TEXTRON INC. | 38-40 |
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| TP | TOPURA CO., LTD. | 180 |
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|  | URANIA ENGINEERING CO., INC. | 186 |
|  | URBAN MANUFACTURING CO. | 186 |
|  | URBAN MFG. CO. INC. | 186 |















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| U130 | SPS TECHNOLOGIES | 169 |
| UH | CHU HUA INDUSTRIAL CO., LTD. | 46 |
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| | UNBRACO PTY LTD. | 169 |
| UM | UNIVERSAL MACHINE PRODUCTS | 186 |
|  | ULTIMATE MACHINING & WELDING | 184 |
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|  | SPS TECHNOLOGIES | 169 |
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|  | UNITED STEEL & FASTENERS INC. | 186 |
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|  | US TOOL & DIE | 187 |
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| V | CHAMPION COMMERCIAL INDUSTRIES, INC. | 44 |
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| VMC | VMC INDUSTRIES, INC. | 189 |
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| WH | WOLTERS GMBH | 196 |
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| WMI | WEAVER MANUFACTURING, INC. | 192 |
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|  | WESTERN PACIFIC ENTERPRISES, W.P.E. INC. | 193 |
| WPE | | |
|  | WESTWOOD PRECISION, INC. | 194 |
| Wpp | WILT PRECISION PRODUCTS | 195 |






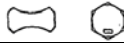


















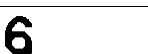

| SYMBOL | COMPANY NAME | PAGE |
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|  | FITZ MANUFACTURING INDUSTRIES LTD DBA FMI | 70 |
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|  | Z & B GENERAL MACHINE | 198 |
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|  | ZERO PRODUCTS , INC. | 198 |
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| 01DC | RISCO, INCORPORATED | 156 |
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| 01FO | ACCUTOOL | 4 |
| 01FO | SUBCON TOOL/ACCUTOOL MACHINE GROUP INC. (DBA ACCUTOOL) | 174 |
| 0F0Y2 | ADVANCED MACHINING | 6 |




















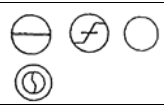





MIL-HDBK-57E (IS)

| SYMBOL | COMPANY NAME | PAGE |
|-------------|--|------|
| | TECHNOLOGIES | |
| 01NU | EAGLEHEAD MANUFACTURING COMPANY | 58 |
| 05DT8 | FITZ MANUFACTURING INDUSTRIES LTD DBA FMI | 70 |
| 05141 | McMELLON BROS INC. | 121 |
| 09094 | QRP, INC. | 149 |
| 1A249 | ACCURATE THREADED PRODUCTS CO. | 4 |
| 1EM77 | GS AEROSPACE TECHNOLOGY, INC. | 79 |
| 1H423 | J & M MACHINE INC. | 95 |
| 1st | FIRST AMERICAN SALES CO. | 70 |
| 1Y128 | D & D MACHINERY AND SALES | 50 |
| 1YFG0 | MAGNUM MACHINE SHOP | 117 |
| 15077 | NORTHBRIDGE FASTENERS | 135 |
| 2 | STERLING MACHINE COMPANY | 173 |
| 2F 3F 4F 5F | FONTANA S.A. | 72 |
| 2A832 | JMT MACHINE COMPANY | 97 |
| 20733 | NORTHBRIDGE FASTENERS | 135 |
| | UTAH TOOL & DIE, INC. | 187 |
| 28548 | FABRICATION SPECIALTY INC. | 66 |
| | 3D MACHINE COMPANY, INC | 1 |
| 3D531 | ALAN, JEFFREY, MFG. & ENGR | 11 |
| | MODERN METRIC MACHINE COMPANY INC. | 128 |
| 30633 | C & H MFG., INC. | 36 |
| 32219 | NORTHBRIDGE FASTENERS | 135 |
| 4J952 | GENERAL AVIATION MFG., INC. | 75 |
| 4J976 | REGAL AIR, INC | 155 |
| 4N133 | CHATHAM PRECISION, INC. | 45 |
| 4T853 | D & R MACHINE COMPANY | 50 |
| 5T572 | NORTHBRIDGE FASTENERS | 135 |
| 509W0 | BOMBSHELL, INC. | 31 |
| 54878 | ROTAIR INDUSTRIES, INC. | 159 |
| 56878 | SPS TECHNOLOGIES | 169 |
| | BISHOP ENTERPRISES, INC. | 29 |
| 60529 | STERLING MFG. & SUPPLY , INC. | 173 |
| 61062 | COMET MFG. CO., INC. | 47 |
| 62206 | B & B SPECIALTIES, INC. | 22 |
| 7 | HEPTNER MFG CO. | 84 |
| 71838 | SPS TECHNOLOGIES | 169 |
| 8F781 | STEVENS MFG. CO., INC. | 173 |
| 8M938 | PRODUCTS DESIGN & MFG. CORP. | 149 |
| 8T968 | ROMAC ELECTRONICS, INC. | 158 |
| 80539 | SPS TECHNOLOGIES | 169 |
| 84256 | AVIBANK MFG., INC. | 22 |

| SYMBOL | COMPANY NAME | PAGE |
|---------------|---|--------|
| | THIANT (BOULONNERIE DE SA) | 179 |
| 99106 | AMERICAN AIRCRAFT PARTS MANUFACTURING COMPANY | 14 |
| 9R | REID PRODUCT INC. | |
| SYMBOL | | |
| | 3 V FASTENERS | 1 |
| | A & G ENGINEERING CO., INC | 1 |
| | ACME RIVET & MACHINE CORP. | 5 |
| | AVDEL INTERNATIONAL | 21 |
| | ACRODYNE MFG CO. | 5 |
| | AEROSPACE RIVET MFG CORP | 9 |
| | ALCOA FASTENING SYSTEMS | 11 |
| | KAYNAR PRODUCTS | 99 |
| | (Previously KAYNAR TECHNOLOGIES, INC DIV. OF MICRODOT | 124 |
| | ALCOA GLOBAL FASTENERS INC | 12 |
| | ALL PINS MANUFACTURING | 12 |
| = | ALL-STATES INC. | 13 |
| | ANCHOR BOLT & SCREW CO. | 16 |
| | ANILLO INDUSTRIES, INC. | 16 |
| | ARMSTRONG FASTENING SYSTEMS | 18 |
| | ASI DESIGN & MANUFACTURING, INC. | 19 |
| | AUTO SCREW, INC. | 21 |
| | AMERITECH FASTNER MFG INC. | 15 |
| | ARGARWAL INDUSTRIES | 17 |
| | AVIBANK MFG., INC. | 22 |
| | AZTECH ENGINEERING, INC. | 22 |
| | BAUER & SCHAURTE KARCHER GMBH | 25 |
| | BOLLHOFF & CO. GmbH & CO. KG | 30 |
| | CARR CO. | 42 |
| | CLEVELAND HARDWARE & FORGING and GREEN BAY DROP FORGE | 46, 77 |
| | CODLING TOOL & MFG. INC. | 47 |
| | COLD HEADING CO., THE | 47 |
| | DAVIS AIRCRAFT PRODUCT CO., INC. | 51 |

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| SYMBOL | COMPANY NAME | PAGE |
|---|---|------|
|  | DO-ALL PRECISION, INC. | 55 |
|  | DRESSER INDUSTRIES, INC. | 56 |
|  | EDS ORDNANCE | 59 |
|  | ELCO INDUSTRIES, INC. | 60 |
|  | GEN FAST MANUFACTURING COMPANY | 75 |
|  | STELCO FASTENER & FORGING CO. | 172 |
|  | EMHART CORP. | 61 |
|  | FRIEDR BOESNER GMBH | 73 |
|  | INFASCO, NFASCO NUT and INGERSOLL FASTENERS | 93 |
|  | FENTON HEADING | 69 |
|  | FERNDALE FASTENER | 69 |
|  | FISCHER SPECIAL MFG. CO. | 70 |
|  | PRECISION METAL PRODUCTS CO. | 147 |
|  | FOREST FASTENERS | 72 |
|  | GMP CO. CORPORATION | 76 |
|  | PILGRIM SCREW CORP. | 144 |
|  | GRADON SCREW MACHINE CORP. | 77 |
|  | GROOV-PIN CORPORATION | 79 |
|  | HANDI GADETS CORP. | 81 |
|  | HEARTLAND PRECISION FASTENER | 83 |
|  | HESSISCHE SCHRAUBENFABRIK WELTER GmbH & CO., KG | 84 |
|  | WELTER GMBH & CO. KG | 192 |
|  | HOUSTON FASTENER | 85 |
|  | HUCK AEROSPACE PRODUCTS | 89 |
|  | HUCK INTERNATIONAL PRODUCTS | 89 |
|  | HURRICANE MACHINE COMPANY, L.L.C. | 90 |




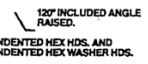
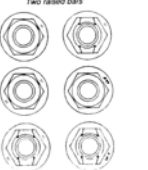
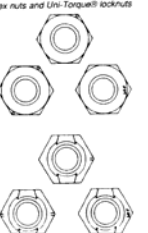
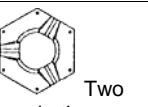
| SYMBOL | COMPANY NAME | PAGE |
|--|---|------|
|  | INDUX, S.A. DE C.E. | 92 |
|  | ITW CIP | 94 |
|  | KOBE FASTENER LIMITED | 101 |
|  | KOREA BOLT IND., CO., LTD. | 102 |
|  | KPF | 102 |
|  | LBL PRODUCTS | 106 |
|  | LINREAD NORTHBRIDGE AIRCRAFT PRODUCT DIVISION | 109 |
|  | LISI AEROSPACE | 111 |
|  | MACK, A. W. MFG CO. | 115 |
|  | MINEBEA CO. LTD | 126 |
|  | NAGOYA SCREW MANUFACTURING CO. LTD. | 130 |
|  | NCMI BRUEGGEMANN INC. | 132 |
|  | ONEIDA TOOL & MACHINE CORP. | 138 |
|  | PELHAM AUTO MATRIX PRECISION | 143 |
|  | PINTO PRODUCTS | 145 |
|  | PREM INDUSTRIES, INC. | 148 |
|  | RELIANT FASTENER | 155 |
|  | REXNORD | 155 |
|  | TRIDAIR PRODUCTS | 182 |
|  | RING SCREW WORKS | 156 |
|  | ROBBINS MANUFACTURING | 157 |
|  | ROTAIR INDUSTRIES, INC. | 159 |
|  | SANNOHASHI SEISAKUSHO CO., LTD. | 161 |
|  | SANTA ANA SCREW PRODUCTS INC | 161 |
|  | SATURN FASTENERS, INC. | 162 |

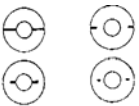
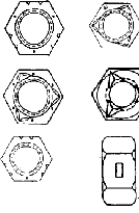
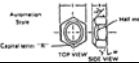
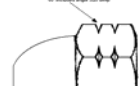

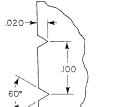
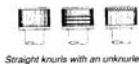
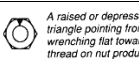


MIL-HDBK-57E (IS)

| SYMBOL | COMPANY NAME | PAGE |
|------------------------------|---------------------------------------|------|
| | SHAMROCK FASTENER TECHNOLOGIES, LLC. | 163 |
| | SPS TECHNOLOGIES METALAC INDUSTRIA | 169 |
| | STELFAST FASTENERS, INC. | 172 |
| & | STILLWATER FASTENERS, INC. | 173 |
| | STRENKERT MACHINE SHOP INC. | 173 |
| | SUNRISE PRECISION MFG. | 174 |
| | SUPERIOR TECHNOLOGY | 174 |
| | SUPREME SCREW PRODUCTS, INC. | 174 |
| | TAIYO NUT MFG. CO., LTD. | 175 |
| | TECH WELDING AND MACHINE CO. | 176 |
| | TENS MACHINE CO., INC. | 177 |
| | TFI AEROSPACE CORPORATION | 178 |
| | TOPURA CO., LTD. | 180 |
| | TOPURA CO., LTD. | 180 |
| | TRI STATE TOOL & DIE CO. | 182 |
| | UNITED BOLT & SCREW CORP. | 185 |
| | UNITED STEEL & FASTENERS INC. | 186 |
| | WHAIL BOLT IND. CO., LTD | 194 |
| | XCEL MFG., INC. | 197 |
| • (a dot) | CINCH-MONADNOCK | 46 |
| • (a dot) - (radial line) | DECKER MANUFACTURING CORP | 52 |
| • (a dot) | MONADNOCK COMPANY, THE | 128 |
| •• (2 dots) | BELL FASTENERS | 27 |
| •• (2 dots) | BRISTOL INDUSTRIES | 32 |
| | CUTTING EDGE ENTERPRISE, LLC | 50 |
| •• (2 dots) | NORTH EAST FASTENERS | 135 |
| •• (2 dots) | STILLWATER FASTENERS, INC. | 173 |


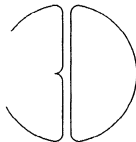


| SYMBOL | COMPANY NAME | PAGE |
|--|---|----------|
| | CSM FASTENER PRODUCTS | 49 |
| | EMP MANUFACTURING CO. | 61 |
| | ERICO FASTENING SYSTEMS | 63 |
| | WOLVERINE NUT CO. | 197 |
| 3 dots, centered on corner, equally spaced | CAMCAR DIVISION OF TEXTRON INC. | 38-40 |
| 4 dots inline or radial | CAMCAR LLC | 41 |
| // | BRISTOL LOCKNUT CO. | 33 |
| 3 radial lines | CAMCAR DIVISION OF TEXTRON INC. | 38-40 |
| | METALCRAFTERS | 123 |
| = 2 parallel lines | CAMCAR DIVISION OF TEXTRON INC. | 38-40 |
| Three parallel lines spirals insert products only | MICRODOT INC. | 124 |
| | AMERIFAST CORP. | 15 |
| | GREER STOP NUT | 78 |
| Manufacturer identification: 2 raised ribs in (2) crimp depressions 1 raised rib in (1) crimp depression | PENN ENGINEERING & MANUFACTURING CO. | 143 |
| "Dimple" trademark | EVERLOCK FASTENING SYSTEMS | 64,65 |
| Notches or Stakes cut into corners of nut | FEDERAL SCREW WORKS | 69 |
| 2, 3, or 6 dots on corner of nut 4 or 6 dots on flange of flange nuts | INDUSTRIAL & AUTOMOTIVE FASTENERS | 91 |
| Company I.D.: 2 single & 1 double slash | R B & W CORPORATION | 151, 152 |
| Dots, slashes, and dots with slashes 2 - 8 | STELCO FASTENER & FORGING CO. | 172 |

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| SYMBOL | COMPANY NAME | PAGE |
|---|------------------------------------|---------|
| <p>Raised or indented marks</p>  <p>Under head Top of head Slotted hexhead (top of head)</p> | INDUSTRIAL FASTENERS CORP. | 92 |
|  <p>4 - 7 DOTS</p> | LAMSON AND SESSIONS OF CANADA LTD. | 105 |
|  <p>3, 4 or 6 equally spaced stakes</p> | INDUSTRIAL NUT CORP. | 92 |
|  <p>120° INCLUDED ANGLE RAISED. INDENTED HEX HDS. AND INDENTED HEX WASHER HDS.</p> | LEWIS SREW COMPANY | 109 |
| <p>3-DASH MARKS 120° APART RAISED "UNDER HEAD UPON REQUEST "HIGH-COUNTER" RINGS HEADS ONLY"</p> | LEWIS SREW COMPANY | 109 |
| <p>Flange nuts less lock and with Uni-Torque® lock Two raised bars</p>  <p>TWO RAISED BARS</p> | MACLEAN-FOGG CO. | 116 |
| <p>Three raised or depressed lines</p> | THIANT (BOULONNERIE DE SA) | 179 |
| <p>Hex nuts and Uni-Torque® locknuts</p>  | MACLEAN-FOGG CO. | 116 |
| <p>UNDER HEAD UPON REQUEST "HIGH-COUNTER" RINGS HEADS ONLY</p> | PACIFIC FASTENERS, INC. | 141 |
| <p>UNDER HEAD UPON REQUEST "HIGH-COUNTER" RINGS HEADS ONLY</p> | TEXTRON FASTENING SYSTEMS | 178 |
|  <p>Two lines in three pads</p> | VMC INDUSTRIES, INC. | 189 |
| Green nylon insert | GREER STOP NUT | 75 |
| Green nylon insert | EVERLOCK FASTENING SYSTEMS | 65 |
| Red nylon insert | ELASTIC STOP NUT & ESNA | 60, 116 |
| Tan nylon insert | VMC INDUSTRIES, INC. | 183 |
| Yellow nylon insert | ABBOTT INTERFAST CORP. | 2 |

| SYMBOL | COMPANY NAME | PAGE |
|--|--------------------------------------|------|
|  | ELCO INDUSTRIES, INC. | 60 |
|  | GRIPCO, DIVISION OF BLACK & DECKER | 78 |
|  <p>Asymmetric base Capitol hole: .18" TOP VIEW Half moon shape</p> | RAMCO SPECIALTIES, INC. | 148 |
|  <p>100% 90° rounded major 120° deep</p> | RIPPA PRODUCTS | 156 |
|  <p>2 notches for slotted heads only</p> | SOUTHERN FASTENING SYSTEMS | 167 |
|  <p>.020" 1.00" 60°</p> | WOLVERINE MACHINE PRODUCTS CO. | 196 |
|  <p>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</p> | SPS TECHNOLOGIES | 169 |
|  <p>A raised or depressed triangle pointing from the wrenching flat toward thread on nut products.</p> | SPS TECHNOLOGIES | 169 |
| Blue nylon insert | INDUSTRIAL NUT CORP. | 92 |
| Blue nylon locking element | NYLOK CORP. | 137 |
| Blue - nylon® hexagon locking element | PENN ENGINEERING & MANUFACTURING CO. | 143 |
|  | PENN ENGINEERING & MANUFACTURING CO. | 143 |
|  <p>Square insert in floating fasteners</p> | PENN ENGINEERING & MANUFACTURING CO. | 143 |

MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>3 V FASTENERS 320 REED CIRCLE CORONA, CA 92879-1349</p>  <p>CAGE code: 1ER65 1/</p> | <p>A & M AEROSPACE, INC. 2332 SOUTH DELAWARE DENVER, CO 80223-4321</p> <p>A A & M A/M A&M M</p> <p>CAGE code: 6Z800 1/</p> |
| <p>3D MACHINE COMPANY, INC. 5586 EAST LA PALMA AVENUE ANAHEIM, CA 92807-2108</p>  <p>CAGE code: 1K6P6 2/</p> | <p>A & N PRECISION INDUSTRIES 65 FIRST STREET NEW ROCVILLE, NY 10801-6118</p>  <p>CAGE code: 9Y423 2/</p> |
| <p>A & E MACHINED PRODUCTS 93 PECK HILL ROAD JOHNSTON, RI 02919</p> <p>AE</p> <p>CAGE code: 3MAH6 2/</p> | <p>A & R MFG CORP. 1281 JOHN FITCH BLVD. SOUTH WINDSOR, CT 06074</p> <p>AR</p> <p>CAGE code: 3X841 2/</p> |
| <p>A & G ENGINEERING CO., INC 4640 EAST LAPALMA ANAHEIM, CA 92807</p>  <p>CAGE code: 4N135 2/</p> | <p>A & W SCREW MACHINE PRODUCTS, INC. 3131 KANSAS AVE RIVERSIDE, CA 92507</p> <p>AW</p> <p>CAGE code: 63035 1/</p> |

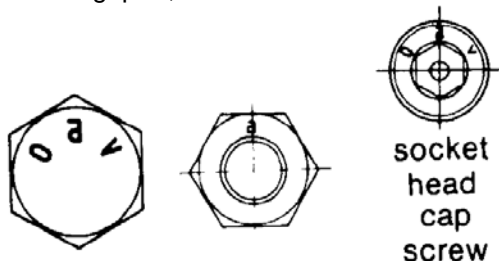
1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

A. AGRATI S.P.A.
VIA PAIVE 28/30
20050 VEDUGGIO CON COLZANO
MILANO, ITALY

Plant
AGRATI CORP.
925 Brewster Street
Bridgeport, CT 06605



CAGE code: A0698

2/

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

(See WEST TENNESSEE LIONS BLIND INDUSTRIES
INC.)

APMI

CAGE code: 5L565

2/

A-1 NUT AND BOLT CO, INC
DIVISION OF GREEN CO. PACIFIC INC.
3433 S. MALT AVENUE
COMMERCE, CA 90040

A 1

CAGE code: 1M493

2/

A-1 THREAD ROLLING CO., INC.
4933 MASON ST.
SOUTH GATE, CA 90280

A-1

CAGE code: 3N586

2/

AAP ACQUISITION CORP
2100 ENTERPRISE PKWY
TWINSBURG, OH 44087-2212

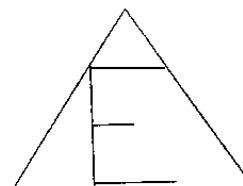
(SEE ACHILLES AEROSPACE PRODUCTS)

A

CAGE code: 0H380

2/

AASTRO ENGINEERING
1382 CORONADO AVE
LONG BEACH, CA 90804



CAGE code: 01AL8

2/

ABBOTT INTERFAST CORP.
190 ABBOTT DRIVE
WHEELING, IL 60090

Yellow nylon insert identifies Abbott-Interfast
Corp.
as manufacturer



CAGE code: 08928

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>ABBOTT, PETER (AEROSPACE) 1982 LTD. 6 REPTON CLOSE BURNT MILLS, BASILDON, ESSEX SS13 ILE UNITED KINGDOM</p> <p>PAM PAM PAM</p> <p>CAGE code: 0WL73 <u>2/</u></p> | <p>ACCURATE AUTOMATIC PARTS CO. 2885 S. 163RD ST. NEW BERLIN, WI 53151</p> <p>AP</p> <p>CAGE code: 5S202 <u>2/</u></p> |
| <p>ABC TOOL AND DIE ENGINEERING & MANUFACTURING LLC 197 WALLIS STREET UNIT C EUGENE, OR 97402-5301</p> <p>No artwork for marking. Marks whatever the customer specifies.</p> <p>CAGE code: 0XJF0 <u>1/</u></p> | <p>ACCURATE PRECISION FATSENERS, INC. P.O. BOX 5239 ENGLEWOOD, NJ 07631</p> <p>Plant 20 HONECK ST. ENGLEWOOD, NJ 07631</p> <p>A</p> <p>CAGE code: 28977 <u>2/</u></p> |
| <p>ABSCOA INDUSTRIES 1071 WEST ARBOR VITAE ST. INGLEWOOD, CA 90301</p> <p>AB</p> <p>CAGE code: <u>2/</u></p> | <p>ACCURATE SCREW MACHINE CO. (DBA ASM) P.O. 10095 10 AUDREY PL FAIRFIELD, NJ 07004-3402</p> <p>Plant 19 Baltimore St. Nutley, NJ 07110</p> <p>AMSCO</p> <p>5/16 LONG X 1/16 HIGH X .010 DEEP</p> <p>CAGE code: 51506 <u>2/</u></p> |
| <p>ACCUFORM, INC. P.O. BOX 307 BUS. HWY. 36 WEST MACON, MO 63552</p> <p>AF AF</p> <p>CAGE code: <u>2/</u></p> | <p>ACCURATE THREADED FASTENERS, INC. DIVISION OF BEATRICE FOODS CO. (new company name see ATF, INC.) 3550 WEST PRATT AVE LINCOLNWOOD, IL 60645</p> <p>AF AF</p> <p>CAGE code: 95110 <u>1/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.



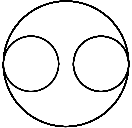



MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>ACCURATE THREADED PRODUCTS CO. 280 HARTFORD AVENUE NEWINGTON, CT 06111</p> <p>1A249</p> <p>CAGE code: 1A249 <u>2/</u></p> | <p>ACE GRINDING & MFG. OF TEXAS (formally ACE G & M CO. OF TEXAS) 2610 AERO DR. GRAND PAIRIE, TX 75052</p> <p>AGC</p> <p><i>Plant (plant closed)</i> <i>ACE GRINDING & MFG.</i> <i>4937 EAST SLAUSON AVENUE</i> <i>MAYWOOD, CA 90270</i> <i>CAGE code: 2N509</i></p> <p>AGM</p> <p>Plant (see SHAW PRECISION GRINDING AND THREAD ROLLING) SHAW PRECISION GRINDING 6503 W. FRYE RD. CHANDLER, AZ 85226</p> <p>SPG</p> <p>CAGE code: 5U074 <u>1/</u></p> |
| <p>ACCURATE TOOL CO., INC. 891 FERNHILL RD WEST CHESTER, PA 19380 - 4282</p> <p>A₊</p> <p>CAGE code: 7N957 <u>1/</u></p> | <p>ACE PRECISION INDUSTRIES, INC. 925 MOE DRIVE AKRON, OH 44310-2518</p> <p>ACE</p> <p>CAGE code: 3DTZ2 <u>2/</u></p> |
| <p>ACCU-TECH MANUFACTURING AND SUPPORT, INC. 8875 EAST AVENUE MENTOR, OH 44060</p> <p>Accu-TECH MFG. & SUPPORT INC.</p> <p>CAGE code: 1LLG8 <u>2/</u></p> | <p>ACHILLES AEROSPACE PRODUCTS, INC. 2100 ENTERPRISE PKWY TWINSBURG, OH 44087-2212</p> <p>(SEE AAP)</p> <p>A</p> <p>CAGE code: 0H380 <u>2/</u></p> |
| <p>ACCUTOOL (SUBCON TOOL/ACCUTOOL MACHINE GROUP INC. DBA ACCUTOOL) SEE SUBCON TOOL 5301 IROQUOIS AVENUE ERIE, PA 16511-2529</p> <p>01FO</p> <p>CAGE code: 1UXM0 <u>1/</u></p> | |

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| <p>ACI 301 W. WILSON P.O. BOX 398 OTTAWA, KS 66067</p> <p>ACI</p> <p>CAGE code: 0AV61 <u>2/</u></p> | <p>ACME SCREW COMPANY 1201 W. UNION AVE WHEATON, IL 60187-4879</p> <p><i>A Carbon steel</i> <i>A 430 stainless steel</i> <i>A 410 stainless steel</i> <i>A 305 stainless steel</i></p> <p>CAGE code: 35EX5 <u>2/</u></p> |
| <p>ACIMET MFG. 1710 CLARKSTONE RD. CLEVELAND, OH 44112</p> <p> </p> <p>CAGE code: 6V869 <u>2/</u></p> | <p>ACRODYNE MFG CO. (DIVISION OF MACK INTERNATIONAL OPERATIONS) 41 KINGSTON AVE COLUMBUS, OH 43207-2438</p> <p></p> <p>CAGE code: 9Y179 <u>2/</u></p> |
| <p>ACME MACHINE PRODUCTS 500 SOUTH VARNEY STREET BURBANK, CA 91502</p> <p></p> <p>CAGE code: 4M256 <u>2/</u></p> | <p>ACUFAST AIRCRAFT PRODUCTS 12424 GLADSTONE AVE. SYLMAR, CA 91342</p> <p>AF</p> <p>CAGE code: 4GP55 <u>1/</u></p> |
| <p>ACME RIVET & MACHINE CORP. 50 EMMETT ST. BRISTOL, CT 06010</p> <p> </p> <p>CAGE code: 34482 <u>2/</u></p> | <p>ADAMS INDUSTRIES, INC. (A SUB OF BANNER INDUSTRIES INC.) 1160 SOUTH ST WINDSOR LOCKS, CT 06096</p> <p>ABE</p> <p>CAGE code: 33823 <u>2/</u></p> |

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| <p>ADAMS, EARL M. CO. 100 PECK HILL RD. JOHNSTON, RI 02919</p> <p> </p> <p>CAGE code: 07123 <u>2/</u></p> | <p>ADVANCE PATTERN CORP. 18564 FITZPATRICK DETROIT, MI 48228</p> <p>MFR 29839</p> <p>CAGE code: 29839 <u>2/</u></p> |
| <p>ADC COMMUNICATIONS CORP. 17528 STUDEBAKER RD. CERRITOS, CA 90703-2637</p> <p>adc </p> <p>CAGE code: 9X383 <u>2/</u></p> | <p>ADVANCED CNC MANUFACTURING 7303 124TH AVENUE NORTH LARGO, FL 33773</p> <p>A</p> <p>CAGE code: 1YDC9 <u>1/</u></p> |
| <p>ADI MANUFACTURING, INC. 33 HAMMOND, BLDG 201 IRVINE, CA 92718</p> <p>Plant 1243 TRANSIT STREET POMONA, CA 91766</p> <p>MC K</p> <p>CAGE code: 0YCU4 <u>2/</u></p> | <p>ADVANCED MACHINING & FABRICATING, INC. 11212 E. 112TH ST. N. OWASSO, OK 74055-5421</p> <p>a</p> <p>CAGE code: 0BD96 <u>1/</u></p> |
| <p>ADJUSTABLE BUSHING CORP. 8330 LANKERSHIM BLVD. NORTH HOLLYWOOD, CA 91605</p> <p> </p> <p><i>Panel fastener Quick-acting pins</i></p> <p>CAGE code: 3V407 <u>2/</u></p> | <p>ADVANCED MACHINING TECHNOLOGIES PO BOX 3351 WARMINSTER, PA 18974</p> <p>Plant 220 JACKSONVILLE RD. HATBORO, PA 19040</p> <p>0F0Y2</p> <p>CAGE code: 0F0Y2 <u>1/</u></p> |
| <p>ADOM ENGINEERING 131 AVCO ROAD HAVERHILL, MA 01835-5956</p> <p>AD adm (used formerly)</p> <p>CAGE code: 02GZ1 <u>1/</u></p> | <p>ADVANCED PLASTICS, INC. DBA ADVANCED MACHINING & FABRICATING, INC. 11212 E. 112th ST. N. OWASSA, OK 74055-5421</p> <p>ap a</p> <p>CAGE code: 45339 <u>1/</u></p> |

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| <p>AERCO RESEARCH 295 OLD COUNTRY ROAD SUITE 10 SAN CARLOS, CA 94070-6240</p>  <p>CAGE code: 0KMN9 1/</p> | <p>AERO ENGINEERING AND MANUFACTURING CO. OF CALIFORNIA (DBA AERO ENGINEERING) 28217 AVENUE CROCKER VALENCIA, CA 91355-1249</p>  <p>CAGE code: 17772 1/</p> |
| <p>AERO BUSHING AND COMPONENT 15201 PIPELINE LN. HUNTINGTON BEACH, CA 92649</p>  <p>CAGE code: 2/</p> | <p>AERO MECHANICAL FASTENING SYSTEMS 15481 WEST 110TH AVE SHAWNEE MISSION, KS 66219</p>  <p>CAGE code: 1FY45 2/</p> |
| <p>AERO COMPONENTS CO. 5124 KALTENBRUN RD. FORT WORTH 76119 - 6400</p>  <p>CAGE code: 59213 2/</p> | <p>AEROBOLT MANUFACTURING, INC. 4736 FELSPAR STREET RIVERSIDE, CA 92509-3068</p>  <p>CAGE code: 08PH2 2/</p> |
| <p>AERO DYNAMIC MACHINING, INC. 11791 MONARCH STREET GARDEN GROVE, CA 92841-1818</p>  <p>CAGE code: 1KSM2 2/</p> | <p>AERO-FAB, INC. 8420 RED OAK STREET RANCHO CUCAMONGA, CA 91730</p>  <p>CAGE code: 0CAC0 2/</p> |

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MIL-HDBK-57E (IS)

AEROFAST SUPPLY
405 W 20TH ST
SAN PEDRO, CA 90731

A

CAGE code: 2T830

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AEROMAX INDUSTRIES, INC.
DBA AEROMAX INTERNATIONAL
9546 TOPANGA CANYON BLVD.
CHATSWORTH, CA 91311-4011

AX

CAGE code: 40581

1/

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

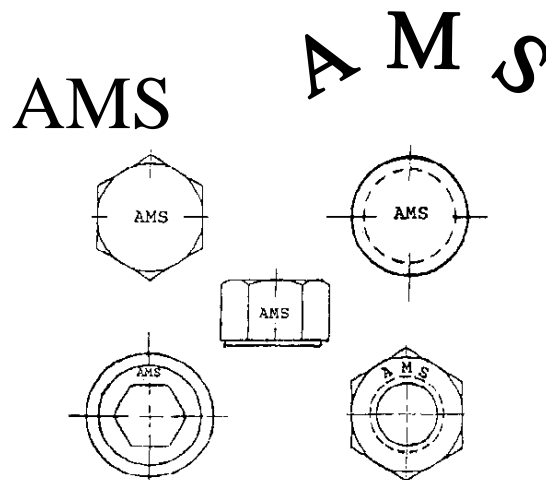
Plant
80 VAN WINKLE AVE.
WALLINGTON, NJ 07057-1148

AM

CAGE code: 0E0Z8

1/

AEROSPACE MARINE SPECIALTY
FASTENERS & FITTINGS INC. DBA AMS
FASTENERS
1645 WEST 135ND STREET
GARDENA, CA 90249-2505



CAGE code: 1FGH9

2/

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

APCO

CAGE code: 17140

2/

AEROSPACE PRODUCTS CO. DIV WBH
(FORMERLY APCOA FASTENERS, INC.)
P.O. BOX 796
INDIANAPOLIS, IN 46206-0796

Plant
123 NORTH PINE STREET
INDIANAPOLIS, IN 46202-3844

AP







CAGE code: 59736

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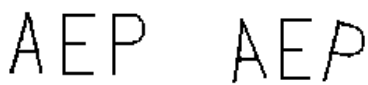



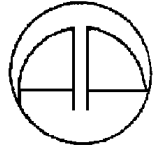
MIL-HDBK-57E (IS)

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| <p>AEROSPACE PRODUCTS, INC. 5435 PERKINS RD. BEDFORD HEIGHTS, OH 44146</p> <p style="text-align: center;">A</p> <p>CAGE code: <u>2/</u></p> | <p>AEROTECH FASTENERS, INC. ONE RIDGE ROAD PUTNAM, CT 06260</p> <p style="text-align: center;"></p> <p>CAGE code: 0TD46 <u>1/</u></p> |
| <p>AEROSPACE RIVET MFG CORP 8535 DICE ROAD SANTA FE SPRINGS, CA 90670</p> <p style="text-align: center;"></p> <p>CAGE code: 64728 <u>2/</u></p> | <p>AEROWIND CORPORATION 1959 JOHN TOWERS AVENUE EL CAJON, CA 92020-1117</p> <p style="text-align: center;">A </p> <p>CAGE code: 1N021 <u>1/</u></p> |
| <p>AEROSTAR ENGINEERING & MANUFACTURING COMPANY 25514 S. FRAMPTON AVENUE HARBOR CITY, CA 90710-2907</p> <p style="text-align: center;"></p> <p>No longer a fastener manufacturer</p> <p>CAGE code: 0MXJ2 <u>2/</u></p> | <p>AF FASTENERS LIMITED UNIT 14 & 15 GLOSSOP BROOK BUSINESS PARK, GLOSSOP, DERBYSHIRE SK13 7AJ, UNITED KINGDOM</p> <p style="text-align: center;">J</p> <p>CAGE code: <u>1/</u></p> |
| <p>AEROSTAR FASTENER CORP. 712 W LACY ST P.O. BOX 2201 PALESTINE, TX 75802</p> <p style="text-align: center;"> A</p> <p>CAGE code: 0T218 <u>2/</u></p> | <p>AFAB PRECISION MACHINING 20742 LINEAR LANE LAKE FOREST, CA 92630</p> <p style="text-align: center;"></p> <p>CAGE code: 1GSW1 <u>2/</u></p> |

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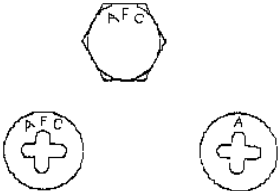




MIL-HDBK-57E (IS)

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| <p>AFI INDUSTRIES, INC. 475 E. KEHOE BLVD CAROL STREAM, IL 60188</p> <p> </p> <p>CAGE code: 33PQ1 1/</p> | <p>AIR-COM, INC. 18105 S. HOBART BLVD. GARDENA, CA 90248-3617</p> <p></p> <p>CAGE code: 2Y870 2/</p> |
| <p>AIHARA SEIBYO CO LTD 2084 SHIN-MACHI TANO-GUN, GUNMA, JAPAN 370-13</p> <p></p> <p>CAGE code: 2/</p> | <p>AIRCRAFT ENGINEERING PRODUCTS, INC. 2 ACKERMAN AVENUE CLIFTON, NJ 07011</p> <p></p> <p>CAGE code: 2/</p> |
| <p>AIR INDUSTRIES CORPORATION 12570 KNOTT STREET GARDEN GROVE, CA 92841-3932</p> <p></p> <p>CAGE code: 06725 1/</p> | <p>AIRCRAFT FUELSEAL FASTENERS, INC. (AEROLITE BLIND RIVET DIVISION) 5271 ARGOSY AVENUE HUNTINGTON BEACH, CA 92649</p> <p></p> <p>CAGE code: 4K209 2/</p> |
| <p>AIR PARTS MFG. CO. 1117 HARRISON AVE ARLINGTON, TX 76011</p> <p></p> <p>CAGE code: 8R401 2/</p> | <p>AIRDROME PARTS CO. 3251 SCHNIEDER ROAD S.E. P.O. BOX 1867 NORTH CANTON, OH 44720</p> <p></p> <p>CAGE code: 2/</p> |

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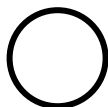




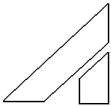
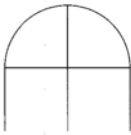


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| <p>AIRFASCO, INC. 2655 HARRISON AVE SW. CANTON, OH 44706-3047</p>  <p>CAGE code: 3Z958 <u>2/</u></p> | <p>ALBAR MACHINE CORPORATION RR3 BOX 2463 EFFORT, PA 18330-9450</p> <p>AMC</p> <p>CAGE code: 44248 <u>1/</u></p> |
| <p>AIW-ALTON INC. 1475 PALISADO AVE. WINDSOR, CT 06095-5140</p>  <p>CAGE code: 84027 <u>2/</u></p> | <p>ALCO MACHINE CO. 27 SEARING AVENUE HARRISON, NJ 07029</p>  <p>CAGE code: 2T918 <u>2/</u></p> |
| <p>AKKO FASTENER, INC. 6855 CORNELL RD. CINCINNATI, OHIO 45242</p>  <p>CAGE code: 3M2H6 <u>1/</u></p> | <p>ALCOA FASTENING SYSTEMS 3016 WEST LOMITA BLVD. TORRANCE, CA 90505</p> <p>plants:</p> <p>see CAMLOC PRODUCTS</p> <p>see HUCK INDUSTRIAL PRODUCTS</p> <p>see HUCK AEROSPACE PRODUCTS</p> <p>see KAYNAR PRODUCTS</p> <p>see KELOX/MICRODOT PRODUCTS</p> <p>see MECAERO PRODUCTS</p> <p>see RAM PRODUCTS</p> <p>see ROSAN PRODUCTS</p> <p>see SIMMONDS PRODUCTS</p> <p>see TRIDAIR PRODUCTS</p> <p>see VOI-SHAN PRODUCTS</p> <p>CAGE code: 15653 <u>1/</u></p> |
| <p>ALAN, JEFFREY, MFG. & ENGR. 8625 LAPEER ROAD P.O. BOX # 8 GOODELLS, MI 48027-9766</p> <p>3D531</p> <p>CAGE code: 3D531 <u>2/</u></p> | |
| <p>ALARD MACHINE PRODUCTS 1629 WEST 132ND STREET GARDENA, CA 90249-2005</p>  <p>CAGE code: 1FMQ2 <u>1/</u></p> | |

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









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| <p>ALCOA GLOBAL FASTENERS INC 13001 EAST TEMPLE AVE LA PUENTE, CA 91746-1417</p>  <p>CAGE code: 06950 <u>2/</u></p> | <p>ALL QUALITY SPARES, INC. 3 EAST BISHOP STREET WATERFORD, CT 06385</p>  <p>CAGE code: 1VGA2 <u>1/</u></p> |
| <p>ALEXANDER MANUFACTURING COMPANY INC. DBA METRO TOOL & MANUFACTURING CO. 2402 ARKANSAS LANE GRAND PRAIRIE, TX 75052-7203</p>  <p>CAGE code: 2M919 <u>2/</u></p> | <p>ALLFAST FASTENING SYSTEMS, INC. 15200 E DON JULLIAN RD P.O. BOX 3166 CITY OF INDUSTRY, CA 91745-1098</p>  <p>CAGE code: 53551 <u>1/</u></p> |
| <p>ALL MANUFACTURERS INC. DBA HARPER AEROSPACE FASTENERS 2900 PALISADES DR CORONA, CA 92880 – 9429</p>  <p>CAGE code: 57472 <u>2/</u></p> | <p>ALLIED NUT & BOLT CO., INC. 520 HERTZOG BOULEVARD P.O. BOX 670 KING OF PRUSSIA, PA 19406-2667</p>  <p>CAGE code: 4S191 <u>2/</u></p> |
| <p>ALL PINS MANUFACTURING P.O. BOX 137 WILSEYVILLE, CA 95257</p> <p>plant 5549 POOR MANS WAY WILSEYVILLE, CA 95257</p>  <p>CAGE code: O8CZ5</p> | <p>ALLIED PRECISION PRODUCTS, INC. 600 SAN CHRISTOPHER DRIVE DUNEDIN, FL 34698-5095</p>  <p>CAGE code: 24249 <u>1/</u></p> |
| | <p>ALL-POWER MFG. CO. 13141 MOLETTE STREET SANTA FE SPRINGS, CA 90670-5500</p>  <p>CAGE code: 70265 <u>1/</u></p> |

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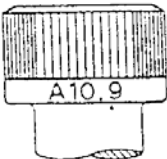

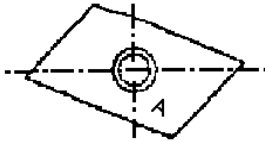
MIL-HDBK-57E (IS)

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| <p>ALL-PRO FASTENER & RIVET MFG. CO. 10406 ENTERPRISE ST P.O. BOX 1525 RANCHO CUCAMONGA, CA 91730</p> <p style="text-align: center;">AP</p> <p>CAGE code: 1FH10 2/</p> | <p>Continued</p> <p>ALPHA BOLT CO.</p> <div style="display: flex; justify-content: space-around; align-items: center;">  or  or  or  </div> <p style="text-align: center;">GRADE 5 BOLT PROPERTY CLASS 9.8 METRIC BOLTS</p> <div style="display: flex; justify-content: center; align-items: center;">  Roman numeral "I" shown on special bolts </div> <div style="display: flex; justify-content: space-around; align-items: center;">  or  or  or  </div> <p style="text-align: center;">GRADE 8 BOLT PROPERTY CLASS 10.9 METRIC BOLTS</p> <p>CAGE code: 0R8B6 2/</p> |
| <p>ALL-STATES INC. 1801 WEST FOSTER AVE. CHICAGO, IL 60640</p> <div style="text-align: center;">  <p>ALL-STATES LOGO</p> <p style="font-size: 2em; margin: 10px 0;">=</p> <p>ALL-STATES IDENTIFICATION MARK</p> </div> <p>CAGE code: 26863 2/</p> | <p>ALPHA FASTENERS 154 EAST MERRICK ROAD FREEPORT, NY 11520</p> <p style="text-align: center; font-size: 3em;">A F</p> <p>CAGE code: 1UJ18 1/</p> |
| <p>ALPHA BOLT CO. 1524 EAST 14 MILE ROAD MADISON HEIGHTS, MI 48071</p> <p style="text-align: center; font-size: 4em; margin-top: 40px;">ABC</p> <p style="text-align: center; font-size: 3em; margin-top: 40px;">I</p> <p>CAGE code: 0R8B6 2/</p> <p>Continued</p> | <p>ALPHA MACHINING PRODUCTS & DEVELOPMENT 8651 PRODUCTION AVENUE SAN DIEGO, CA 92126</p> <p style="margin-left: 100px;">Plant 7929 SILVERTON AVENUE SUITE 610 SAN DEIGO, CA 92126</p> <p style="text-align: center; font-size: 4em; margin-top: 20px;">α</p> <p>CAGE code: 3D6Q0 2/</p> |

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| <p>ALPINE MACHINE & TOOL CORP. 42 BERGENLINE AVE. WESTWOOD, NJ 07675</p> <p>AMT - I</p> <p>AMT x x x x - x x x x</p>  <p>CAGE code: 67339 <u>2/</u></p> | <p>AMANDA BENT BOLT CO. 1120 C I C DR. LOGAN, OH 43138-9153</p>  <p>CAGE code: 22382 <u>2/</u></p> |
| <p>ALPS SEIKO CO. LTD. 41 HIGASHI-KANAE, KANAE IIDA-SHI, NAGANO PREF. 395-0817, JAPAN</p> <p>Plant LIDA FACTORY 524-1, SHIMOTONOHKA LIDA-SHI, NAGANO PREF. 395-0154 JAPAN</p> <p>A</p>   <p>CAGE code: <u>1/</u></p> | <p>AMATOM ELECTRONIC HARDWARE (DIVISION OF QUINCY TECHNOLOGIES, INC.) 5 PASCO HILL ROAD CROMWELL, CT 06416-1012</p> <p>A M A T O M</p> <p>AMATOM</p> <p>CAGE code: 1YGB8 <u>2/</u></p> |
| <p>AMACON CORP. 49 ALDER STREET WEST BABYLON, NY 11704</p>  <p>CAGE code: 54330 <u>2/</u></p> | <p>AMERICAN AIRCRAFT PARTS MANUFACTURING COMPANY 17917 MASONIC FRASER, MI 48026</p> <p>99106</p> <p>CAGE code: 99106 <u>2/</u></p> <p>AMERICAN ELECTRIC (CONSTRUCTION MATERIALS GROUP) 1555 LYNNFIELD ROAD MEMPHIS, TN 38119</p> <p>(SEE THOMAS & BETTS CORP - CAGE 56501)</p>  <p>CAGE code: <u>1/</u></p> |

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MIL-HDBK-57E (IS)

AMERICAN FASTENER & SPECIALTY CO.
5900 PARK AVE.
CLEVELAND, OHIO 44105



CAGE code:

2/

AMERICAN INTERNATIONAL AERO MFG
INC.
6973 SOUTH 300 WEST
MIDVALE, UTAH 84047



CAGE code: 0RBVB

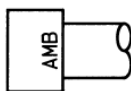
2/

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

1/

AMERICAN QUALITY INDUSTRIES
(FASTENER DIVISION)
411 BURNHAM STREET
EAST HARTFORD, CT 06108



GRADE 8 BOLT

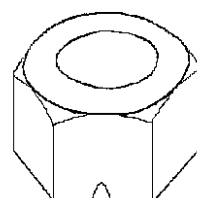


GRADE 5 BOLT

CAGE code: 1P581

1/

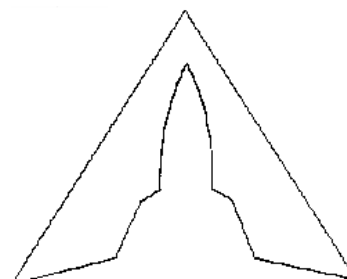
AMERIFAST CORP.
104 SYLVANNA RD.
SOUTH PLAINSFIELD, NJ 07080-1448



CAGE code: 0H4SO

1/

AMERITECH FASTNER MFG INC.
DIVISION OF LONE STAR FASTENERS, LP
6606 N GESSNER
HOUSTON, TX 77040











CAGE code: 0EUH2

1/

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>AMMAC, INC. 6000 SUSQUEHANNA PLAZA YORK, PA 17406</p>  <p>CAGE code: 0NHU1 <u>1/</u></p> | <p>ANILLO INDUSTRIES, INC. 2090 N. GLASSELL P.O. BOX 5586 ORANGE, CA 92865-3306</p>  <p>CAGE code: 10630 <u>1/</u></p> |
| <p>ANATASE PRODUCTS (DIV OF HENWAY INC) 1314 GOODRICK DR TEHCHPI, CA 93561</p>  <p>CAGE code: 0MXJ8 <u>1/</u></p> | <p>ANOTHER SCREW MACHINE PRODUCT EMERALD INDUSTRIAL PARK BOX 425 PONDERAY, ID 83852</p> <p>BEI</p> <p>CAGE code: 05RQ3 <u>2/</u></p> |
| <p>ANCHOR BOLT & SCREW CO. 2001 N. CORNWELL MELROSE PARK, IL 60160-1081</p>  <p>Hex cap and indented hex screws.</p>  <p>Machine screws and Other products - 3 dots under head 120° apart</p> <p>CAGE code: 9C864 <u>2/</u></p> | <p>A-ONE MACHINE COMPANY R.R.1, BOX 1660 HOP BOTTOM, PA 18824</p>  <p>CAGE code: 0AV84 <u>1/</u></p> |
| <p>ANDERSON FORGE & MACHINE 18500 S. W. PACIFIC HWY TUALATIN, OR 97062</p>  <p>CAGE code: 7X566 <u>2/</u></p> | <p>APEL LTD. COUNTRESS AVE., STANLEY GREEN TRADING ESTATE CHEADLE HULME, CHESHIRE, SK8 6QU UNITED KINGDOM</p>  <p>CAGE code: K5640 <u>2/</u></p> |

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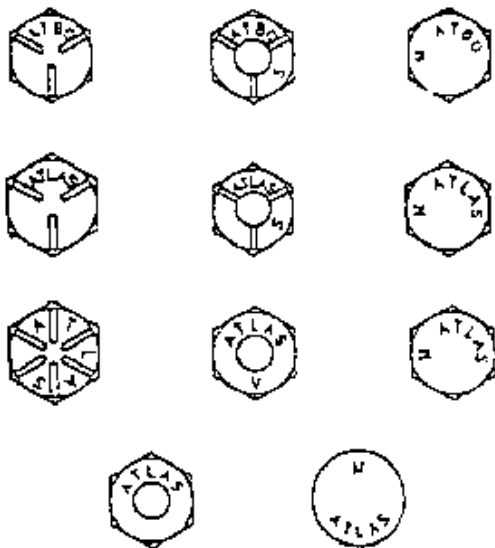
MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>APEX MFG. CO. INC. 11686 TUXFORD ST SUN VALLEY, CA 91352-3134</p> <p>AP</p> <p>CAGE code: 2V343 <u>1/</u></p> | <p>ARDOR MFG. INC. 400 S. 1100 W. PROVO, UT 84603</p>  <p>CAGE code: 0CTH5 <u>2/</u></p> |
| <p>APHEONIX CORPORATION 101 PECK HILL ROAD JOHNSTON, RI 02919</p> <p>AP</p> <p>PC</p> <p>CAGE code: 08TF3 <u>2/</u></p> | <p>ARGARWAL INDUSTRIES 370 MARSHALL HOUSE 25 STRAND ROAD CALCUTTA, INDIA 700 001</p>  <p>CAGE code: <u>2/</u></p> |
| <p>ARCHER SCREW PRODUCTS 11341 MELROSE STREET FRANKLIN PARK, IL 60131</p>  <p>CAGE code: 1HXL9 <u>2/</u></p> | <p>ARJAY PRECISION, INC. 524 SULLIVAN AVE SUITE 15 SOUTH WINDSOR, CT 06074</p> <p>MFR - 72905</p> <p>CAGE code: 72905 <u>2/</u></p> |
| <p>ARCO SALES CO. 2211 WAKELING STREET P.O. BOX 23001 PHILADELPHIA, PA 19137-1214</p> <p>ASC</p> <p>ASC</p> <p>CAGE code: 5L063 <u>1/</u></p> | |

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MIL-HDBK-57E (IS)

ARMSTRONG ATLAS BOLT
STATION STREET
DARLASTON, WEST MIDLANDS, WS10 8UL
GREAT BRITIN



CAGE code:

2/

ARMSTRONG FASTENING SYSTEMS
FOSTER STREET STONEFERRY
BUSINESS PARK
HULL, GREAT BRITIAN, HU8 8BT
UNITED KINGDOM



Symbol may
be depressed
or raised

CAGE code: K1012

2/

(Continued)

(Continued)

ARMSTRONG FASTENINGS LTD.
FOSTER STREET STONEFERRY
BUSINESS PARK
HULL, GREAT BRITIAN, HU8 8BT
UNITED KINGDOM

GSF

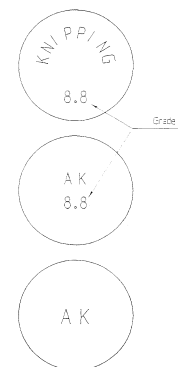


CAGE code: K1012

2/

ARNOLD KNIPPING GmbH
58557 KIER SPE
POSTFACH 14 48
GUMMERSBACH, GERMANY 5270

AK
KNIPPING



CAGE code: C4096

2/

ARNOLD UMFORMTECHNIK
GMBH & CO. KG
SINDRINGEN STR. 25
FORCHTENBERG, 74670
GERMANY

A


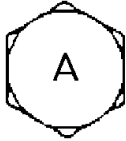

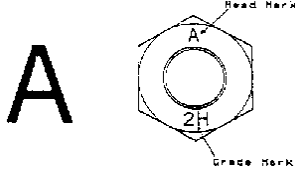


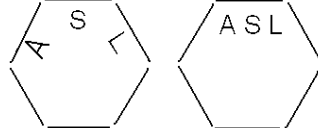
CAGE code: C3705

2/

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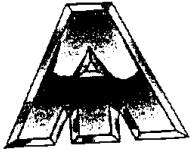



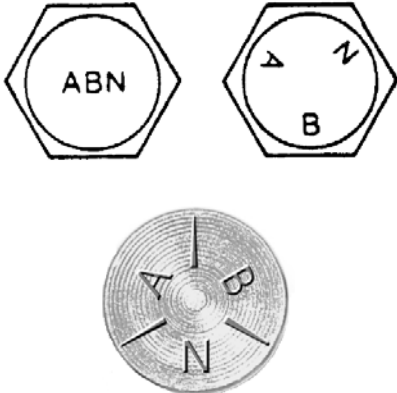
MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>ARNOLD WRAGG (BOLTS & NUTS) LTD STANNINGTON ROAD STANNINGTON, SHEFFIELD ENGLAND, UK S6 6AG</p>  <p>CAGE code: U2935 2/</p> | <p>ASAHI SREWS MANUFACTURING CO., LTD 101 KAWAMATA HIGASHIOSAKA, JAPAN</p>  <p>CAGE code: 2/</p> |
| <p>ARROW SCREW & MACHINE WORKS 1037 GERMANTOWN AVENUE PHILADELPHIA, PA 19123-1629</p>  <p>CAGE code: 03632 2/</p> | <p>ASAI TEKKO CO. LTD 2-14 TAJIKA SHODKAI HIRKATA-SHI OSAKA, JAPAN 573</p>  <p>CAGE code: 2/</p> |
| <p>ARTISAN SPECIALIST TECH, INC. 439 HIGH STREET P.O. BOX 48060 PHILADELPHIA, PA 19144</p>  <p>CAGE code: 0RJ65 1/</p> | <p>ASI DESIGN & MANUFACTURING, INC. 1070 HARDEES DRIVE P. O. BOX 957 ABERDEEN, MD 21001</p>  <p>CAGE code: 32971 2/</p> |
| <p>ARVAN, INC. 14083 S NORMANDIE AVE GARDENA, CA 90249</p> <p>ARVAN, INC. TANSEY A/I</p> <p>CAGE code: 29965 2/</p> | <p>ASL MANUFACTURING INC. 60 S. POSADO CT. IVINS, UT 84738</p> <p>Plant 1074 W. 560N. ST. GEORGE, UT 84770</p>  <p>CAGE code: 1VED5 1/</p> |

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MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>ASSOCIATED TOOL CO., INC. 100 THOMAS DRIVE GADSDEN, AL 35901</p>  <p>CAGE code: 2U575 2/</p> | <p>AUGUST FRIEDBERG GMBH BELFORTER STRASSE 63 P. O. BOX 10 08 43 GELSENKIRCHEN, GERMANY 45884</p>  <p>CAGE code: 2/</p> |
| <p>ATF, INC. (formerly Accurate Threaded Fasteners, Inc.) 3550 WEST PRATT AVENUE LINCOLNWOOD, IL 60712</p>  <p>CAGE code: 95110 1/</p> | <p>AUGUST FRIEDBERG GmbH BELFORTER STRASSE 63 D-4650 GELSENKIRCHEN ROTTHAUSEN, GERMANY</p> <p style="text-align: center;">FRIEDBERG</p> <p>CAGE code: 2/</p> |
| <p>ATLAS ENGINEERING, INC. (PENN ENGINEERING AND MFG. CO.) 5190 OLD EASTON RD. DANBORO, PA 18916</p>  <p>CAGE code: 46384 1/</p> | <p>AUTO BOLT AND NUT CO. 4619 PERKINS AVE CLEVELAND, OH 44103</p>  <p>CAGE code: 0CUJ9 1/</p> |
| <p>ATLAS SPECIALTY PRODUCTS (SEE CURTIS PRESTON ENTERPRISES INC.) 2299 E. WINSTON ROAD ANAHEIM, CA 92806</p> <p style="text-align: center;">ASP</p> <p>CAGE code: 0TP31 1/</p> | |

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>AUTOMATED MANUFACTURING 8009 AUGUSTA ROAD PIEDMONT, SC 29673-9369</p> <p>AM</p> <p>CAGE code: 1URY9 <u>2/</u></p> | <p>AUTO SCREW, INC. LYNBROCK RD. & EASTERN BLVD. P.O. BOX 4968 BALTIMORE, MD 21220</p> <p>⌘</p> <p>CAGE code: 84253 <u>2/</u></p> |
| <p>AUTOMATIC MACHINING AND MFG CO DBA AMMAC INC 6000 SUSQUEHANNA PLZ YORK, PA 17406</p> <p>W</p> <p>CAGE code: 0NHU1 <u>2/</u></p> | <p>AVDEL INTERNATIONAL (AVDEL LTD) HERTFORD, AL 7 1EZ GREAT BRITIAN</p> <p>A</p> <p>CAGE code: <u>2/</u></p> |
| <p>AUTOMATIC MANUFACTURING COMPANY 300 SHADELAND AVENUE EAST PITTSBURGH, PA 15112-1499</p> <p>AM</p> <p>CAGE code: 18362 <u>1/</u></p> | <p>AVIATION MANUFACTURING GROUP LLC (SEE DBA FREEMAN CO., THE) 719 WALNUT ST P. O. BOX 57 YANKTON, SD 57078-3542</p> <p>F</p> <p>CAGE code: 84596 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

AVIBANK MANUFACTURING, INC.
PRECISION CASTPARTS CORP.
4650 SW MACADAM AVE. SUITE 440
PORTLAND, OR 97239-4262

Plant

AVIBANK MFG., 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

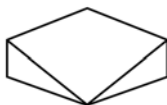
AVL

AVK, ET, ETC, FN,

IT, ITC, MT, RT

ST

84256



CAGE code: 84256

1/

AVK INDUSTRIES PRODUCTS INC.
25323 RYE CANYON RD
VALENCIA, CA 91355

AVK

CAGE code: 2K288

2/

AZTECH ENGINEERING, INC.
1424 CENTRE CIR.
DOWNERGROVE, IL 60515



CAGE code: 0W426

2/

B & B SPECIALTIES INC.
4321 E. LAPLMA AVE.
ANAHEIM, CA 92807

(see GS AEROSPACE)

1) PRIMARY - **BB**

2) SECONDARY - **62206**

CAGE code: 62206

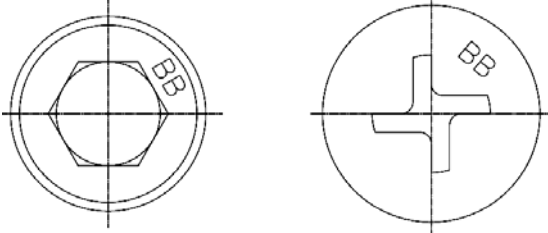
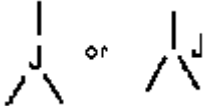
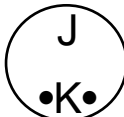
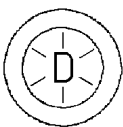



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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>Continued</p> <p>B & B SPECIALTIES INC 4321 E. LAPLMA AVE. ANAHIEM, CA 92807</p>  <p>Raised BB is for new manufactured parts. Depressed BB is for old stock.</p> <p>CAGE code: 62206 <u>1/</u></p> | <p>B & G MANUFACTURING CO., INC. 3067 UNIONVILLE PIKE P.O. BOX 269 HATFIELD, PA 19440-1822</p>  <p>Grade 5</p> <p>JB7 Grade B7 JB16 Grade B16 JNC Alloy 400</p>  <p>Alloy 500</p> <p>J4 Grade 4 J2H Grade 2H</p> <p>CAGE code: 84272 <u>2/</u></p> |
| <p>B & D THREADED ROLLING 36820 VAN BORN ROAD P.O. BOX 275 WAYNE, MI 48184</p>  <p>CAGE code: 00LR8 <u>1/</u></p> | <p>B & N TOOL CO., INC. 44 ROCKWELL RD. NEWINGTON, CT 06111</p>  <p>CAGE code: 0CMJO <u>2/</u></p> |
| <p>B & E MACHINE SHOP & SHEET METAL FAB., INC. 3059 SE MONROE ST. STUART, FL 34997</p>  <p>CAGE code: 8W179 <u>2/</u></p> | <p>B & R MACHINE AND TOOL CORP 717 MAIN STREET WESTBURY, NY 11590</p>  <p>CAGE code: 66936 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

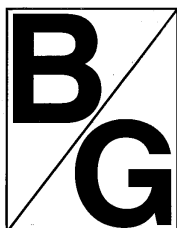
B F GOODRICH CO. RIVNUT ENGINEERED
FATSEENERS, THE
AEROSPACE AND DEFENSE DIVISION
250 NORTH CLEVELAND-MASSILLION RD.
AKRON, OH 44313

Plant
150 SPRINGSIDE DRIVE
AKRON, OH 44313-0501

BFG+

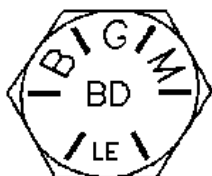
CAGE code: 2/

B G ENGINEERING, INC.
205 ARENA STREET
EL SEGUNDA, CA 90245



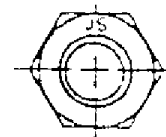
CAGE code: 0WL62 2/

B G M FASTENER CO., INC.
RR 5 BOX 1675
759 OLD WILLOW AVENUE
HONESDALE, PA 18431



CAGE code: 3Y498 1/

B. V. FABRIEK VAN KLINKNAGELS EN
SCHROEFBOUTEN V/H SMIT
2980 GB RIDDERKIRK
P.O. BOX 4075
THE NETHERLANDS



JS

CAGE code: 2/

BARCO ENGINEERING COMPANY, INC.
505 W MAIN ST
TILTON, NH 03276



CAGE code: 29214 2/

BARNEGAT BAY NSCC, INC.
DBA BB NSCC, INC.
6432 DEVONSHIRE DR.
FORT WORTH, TX 76180



CAGE code: 1SDGE 1/

BARRE PRECISION PRODUCTS INC.
199 HOPRIVER ROAD RTE. 6
BOLTON, CT 06043-7443



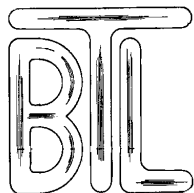
CAGE code: 7R902 1/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

BAS AEROSPACE LIMITED
2 CRAMPTONS ROAD
SEVENOAKS, KENT N14 5EF
UNITED KINGDOM



CAGE code: KCWE1

1/

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



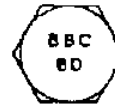
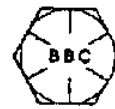
INBUS®

VERBUS® KARRO®

CAGE code: D2370

2/

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



BBC

CAGE code:

2/

BEACH MACHINE
819 WALKER LN
NEW MARKET, AL 35761



CAGE code: 0TCDO

2/

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MIL-HDBK-57E (IS)

BEAVER PRODUCTS CORP.
P.O. BOX 17279
ANAHEIM, CA 92817

B.P.C.

CAGE code: 4P584

2/

BEC MACHINE PRODUCTS COMPANY
171 RUTH ROAD
HARLEYSVILLE, PA 92806

BEC

CAGE code: 0JC12

2/

BEE INDUSTRIES, INC.
(WISCONSIN CORPORATION)
W6331 BEE ROAD
WATERTOWN, WI 53098

BI

CAGE code: 7V765

2/

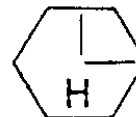
BEGONIA TOOL COMPANY
53 MADISON RD
HERMINIE, PA 15637

BT

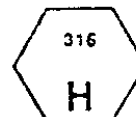
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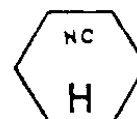
BEK LEVEL 1 FASTENERS
300 THIRD AVE
HUNTINGTON, WV 25701



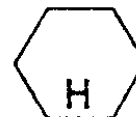
300 Series Stainless Steel



Type 316 Stainless Steel

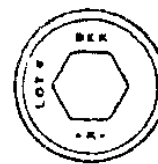
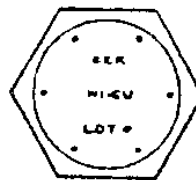


Nickel Copper (Monel)



Silicon Bronze

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



BEK

CAGE code:

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

BELL FASTENERS (ALBANY
FATENERS/PAWTUCKET FASTENER
DIVISION)
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

2/

BELL PRECISION, INC.
131 N. DILLON AVE.
SAN JACINTO, CA 92383

BP

CAGE code: 56122

2/

BELL-MEMPHIS, INC.
1650 CHANNEL AVE
MEMPHIS, TN 38113-01871



CAGE code: 22277

1/

BEN YUAN ENTERPRISE CO, LTD.
NO. 113, CHI-NAN ROAD
TAI-SHIA VILLAGE, KAOHSIUNG HSIEN,
TAIWAN R. O. C.

BY

CAGE code:

2/

BENACO TOOLING RESEARCH & DEV.
CORP.
9287 MERCANTILE DR
MENTOR, OH 44060



CAGE code: 5W644

2/

BEOTOOL CORP.
725 WHITNEY DR
BLUE BELL, PA 19422-1205

BOT

CAGE code: 2N084

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

BERGNER, RICHARD GMBH & CO.
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.

RIBE *multiform*

RIBE *kombi*

RIBE *triform*

RIBE *triformdb*

RIBE *plastroform*

RIBE *sperrform*

CAGE code: D2282

2/

BER-LOW MFG INC.
DBA BUTECH PRESSURE SYSTEMS
4928 PITTSBURGH AVE
ERIE, PA 16509



CAGE code: 62295

2/

BERRY, JOHN
DBA BERRY MANUFACTURING
5505 BREWSTER ST
SAN ANTONIO, TX 78233

BM

CAGE code: 65003

1/

BERRY MANUFACTURING
1090 HWY 72, BOX 336
GOLDEN, CO 80403

BM

CAGE code: 65003

1/

BETA CORP.
2332 S DELAWARE ST
DENVER, CO 80223 - 4321



CAGE code: 06671

2/

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



CAGE code: 33436

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

BIG BOLT CORP.
140 COVINGTON DRIVE
BLOOMINGDALE, IL 60108-3105

BB

BB

BB

•

BB

•

BB

•

CAGE code: 3Q6H0

1/

BISHOP ENTERPRISES, INC.
10 EAST BISHOP ST.
WATERFORD, CT 06385



CAGE code: 6Y882

2/

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



CAGE code: 17027

2/

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 Briec)
B (Paris)
P (Villefranche de
Rouergue)
ds. F

BLANC AERO INDUSTRIES
18,20 RUE ST. HILAIRE
SAINT OUEN L'AUMONE, FRANCE
95310

T

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

DDG








CAGE code: F0188

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.




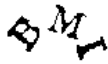


MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>BLANC AIRCRAFT FASTENERS, INC. 203020 PRARIE ST P.O. BOX 3819 CHATSWORTH, CA 91842</p> <p></p> <p>BAF</p> <p>CAGE code: <u>2/</u></p> | <p>BOBCAT MANUFACTURING CO. (PLANT) PECK HILL ROAD JOHNSTON, RI 02919</p> <p> </p> <p>CAGE code: 8H536 <u>2/</u></p> |
| <p>BLAND CO., THE 55 BROOK ST P. O. BOX 330358 WEST HARTFORD, CT 06133</p> <p>BL</p> <p>CAGE code: 02991 <u>1/</u></p> | <p>BOGNER ENGINEERING CO. 705 N. SPRINGFIELD STREET P. O. BOX 510 BERRYVILLE, AR 72616</p> <p></p> <p>CAGE code: 04BV8 <u>2/</u></p> |
| <p>BLUE SKY INDUSTRIES, INC. 1230 MONTEREY PASS ROAD MONTEREY PARK, CA 91754-3617</p> <p><i>No Logo Listed</i></p> <p>CAGE code: 1BRD5 <u>2/</u></p> | <p>BOLLHOFF & CO. GmbH & CO. KG ARCHIMDESTASSE 1-4 BIELEFELD, D-4800 14 GERMANY</p> <p></p> <p>CAGE code: <u>2/</u></p> |
| <p>BLUE TEE CORP DBA GEFCO/ STECO 2215 S. VAN BUREN ST. ENID, OK 73703-8218</p> <p></p> <p>CAGE code: 21363 <u>2/</u></p> | <p>BOLT & NUT CO. PARK LANE EAST TIPTON, WEST MIDLANDS, DY4 8RF GREAT BRITIAN</p> <p></p> <p>CAGE code: <u>2/</u></p> |

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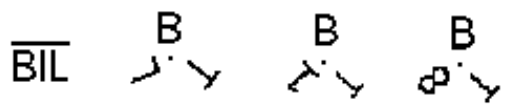
MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>BOLT FASTENER STUD/TECHNOLOGY 118 W NUGENT ST P.O. BOX 2569 LANCASTER, CA 93535</p> <p>Plant 210 EAST AVENUE LANCASTER, CA 93539</p>  <p>CAGE code: 31386 <u>2/</u></p> | <p>BRACELENTE MANUFACTURING CO., INC. 20 WEST CREAMERY ROAD P.O. BOX 570 TRUMBAUERSVILLE, PA 18970-0570</p> <p>BMC INC.</p> <p>CAGE code: 2Y035 <u>1/</u></p> |
| <p>BOLTWORKS, INC. 2150 WOODLAND WARRENDALE, PA 15086-7536</p>  <p>CAGE code: 3LYS4 <u>1/</u></p> | <p>BRADY MACHINE, INC. 6125 SKY ROAD JOSHUA, TX 76058-4048</p>   <p>CAGE code: 1HLW8 <u>1/</u></p> |
| <p>BOMAR ENGINEERING, INC. 13385 PHILLIPPI AVE. SYLMAR, CA 91342</p>  <p>CAGE code: 3U494 <u>2/</u></p> | <p>BRANCH MACHINE PARTS, INC. 2419 EMPIRE AVE BURBANK, CA 91504</p>  <p>CAGE code: <u>2/</u></p> |
| <p>BOMBSHELL, INC. 9565 PATHWAY ST. #B SANTEE, CA 92071</p> <p>509W0</p> <p>CAGE code: 509W0 <u>1/</u></p> | <p>BRIARWOOD FASTENERS, INC. 9701 OWENSMOUTH AVE. UNIT 8 CHATSWORTH, CA 91311-4814</p> <p>BFI</p> <p>CAGE code: 3N278 <u>1/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>BRIDEAN MACHINE & TOOL CO., INC. 155 BANGOR STREET LINDENHURST, NY 11757-3632</p> <p style="text-align: center;">  </p> <p>CAGE code: 1S023 1/</p> | |
| <p>BRIDGEVIEW MANUFACTURING CO. (ILLINOIS CORPORATION) 7320 S. FERDINAND AVENUE BRIDGEVIEW, IL 60455-1111</p> <p style="text-align: center;">BVB</p> <p>CAGE code: 0ALM2 1/</p> | <p>B+ CAPITAL B FOLLOWED BY PLUS SIGN RAISED OR DEPRESSED</p> <p>BI CAPITAL B FOLLOWED BY CAPITAL I USED FOR EUROPEAN PARTS ONLY RAISED OR DEPRESSED</p> <p>  TWO ADJACENT DOTS RAISED OR DEPRESSED </p> |
| <p>BRIGHT LIGHTS USA, INC. 145 SHREVE AVE. BARRINGTON, NJ 08007</p> <p style="text-align: center;">BL</p> <p>CAGE code: 0RMF7 1/</p> |  <p style="text-align: center;">TWO ADJACENT DOTS RAISED OR DEPRESSED</p> |
| <p>BRINTCLIFFE TURNER LTD. CRAMPTONS ROAD SEVENOAKS, KENT, TN14 5DS GREAT BRITAIN</p> <p style="text-align: center;">  </p> <p>CAGE code: 2/</p> | <p>B - old callout no longer used on new product</p> <p>CAGE code: 27238 1/</p> |

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MIL-HDBK-57E (IS)

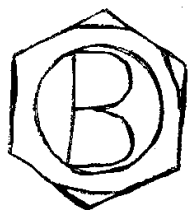
BRISTOL LOCKNUT CO. (NUT DIVISION)
32451 N. AVIS DRIVE
MADISON HEIGHTS, MI 48071



CAGE code:

2/

BROADSTONE TOOL & DIE, INC.
R #1, BOX 986
MCARTHUR, OH 45651



CAGE code: 4Z678

2/

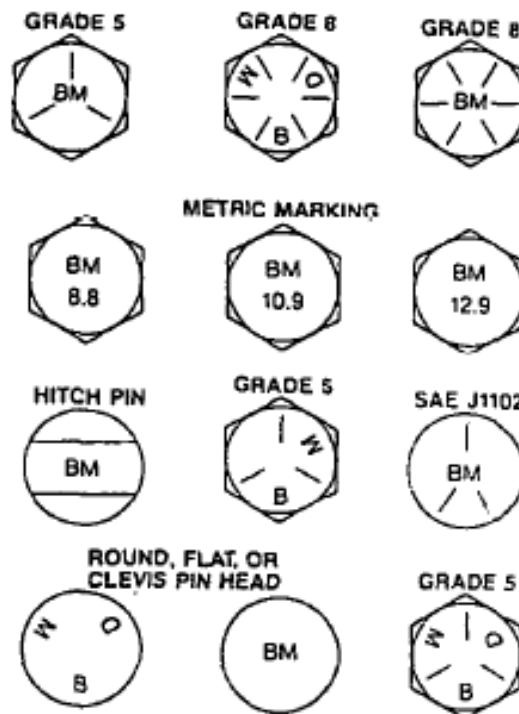
BROWN PRODUCTION, INC.
804 W MEEKER ST.
KENT, WASHINGTON 98032-5702



CAGE code: 2D069

2/

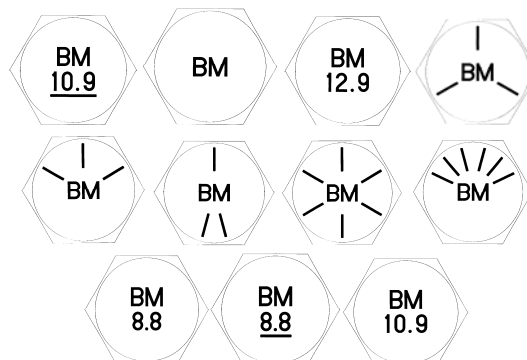
BRUNNER DRILLING & MFG. CO., INC.
405 ELROY ST.
P.O. BOX 137
ELROY, WI 53929



CAGE code: 24407

1/

BRUNNER MANUFACTURING CO.
DBA BRUNNER MANUFACTURING
DIVISION
1025 PARKER DR
MAUSTON, WI 53948 9381



CAGE code: 3B7H2

1/

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²/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

BRYCO MACHINE, INC.
7800 GRAPHICS DRIVE
TINLEY PARK, IL 60477

BM

CAGE code: 1WCD4

1/

BUCK EYE FORGE, INC.
11700 HARVARD AVE
CLEVELAND, OH 44105



CAGE code: 71177

2/

BUCKEYE MACHINING, INC.
25020 LAKELAND BLVD.
CLEVELAND, OH 44132



CAGE code: 8X808

2/

BUFFALO PUMPS, INC.
(SUBSIDIARY OF AMPCO-PITTSBURGH
CORP.)
874 OLIVER STREET
NORTH TONAWANDA, NY 14120-3210

BP

CAGE code: 83130

2/

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

BULA

CAGE code:

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

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

2/

BURROWERS RESEARCH MACHINING,
INC.
43 BRADFORD STREET
P.O. BOX 1130
CONCORD, MA 01742

BRM

CAGE code:

2/

BUSAN INDUSTRIAL MACHINERY CO.,
LTD.

BOLT DIVISION

456-9, NAE-DONG, CHANGWON
KYEONGSANGNAM-DO, KOREA

BM

BIM

CAGE code:

2/

BUTECH PRESSURE SYSTEMS
4928 PITTSBURGH AVE
ERIE, PA 16509

See BER-LOW MFG INC

BPS

CAGE code: 62295

2/

BUTLER, INC.
1600 WEST 166TH STREET
GARDENA, CA 90247

JB


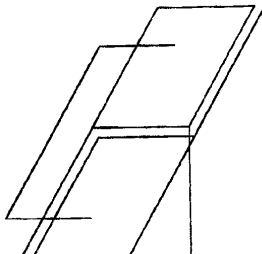
CAGE code: 59053

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>C & D MACHINE TOLL, INC. 726 COURT STREET SPRINGFIELD, OH 45506</p> <p>C&D MACH</p> <p>CAGE code: 064X3 <u>1/</u></p> | <p>C.E.S. MACHINE PRODUCTS, INC 8880 DOUBLE DIAMOND PKWY RENO, NV 89521-5908</p> <p>CES</p> <p>CAGE code: 1WF66 <u>2/</u></p> |
| <p>C & H MFG., INC. 4280 E LOWELL ST ONTARIO, CA 91761-1529</p> <p>30633</p> <p>CAGE code: 30633 <u>2/</u></p> | <p>C. J.'S GENERAL MACHINE WORKS 15406 FOREST MIST SAN ANTONIO, TX 78232-4137</p> <p>C.J.'S GENERAL MACHINE WORKS</p> <p>CAGE code: 7W334 <u>2/</u></p> |
| <p>C & S ENGINEERING LLC 15401 CARMENITA DR. (N) SANTA FE SPRINGS, CA 90670</p> <p></p> <p>CAGE code: 4ZH03 <u>1/</u></p> | <p>C.R.D. MACHINING 366 W. 131ST ST. LOS ANGELES, CA 90248</p> <p></p> <p>CAGE code: 1LA52 <u>2/</u></p> |
| <p>C. E. MACHINE CO., INC. 1741 SOUTH LEONINE WICHITA, KS 67209-2813</p> <p>MFR 3L665</p> <p>CAGE code: 3L665 <u>2/</u></p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

CALABRESE & SONS, INC.
406 BRANDY LANE
P.O. BOX 1667
MECHANICSBURG, PA 17055-2800

C+SI

CAGE code: 07310

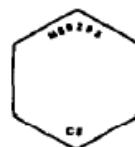
1/

CALIFORNIA SCREW PRODUCTS CORP.
P.O. BOX 228
PARAMOUNT, CA 90723

Plant
14957 GWENCHRIS AVE.
PARAMONT, CA 90723-3423

CS

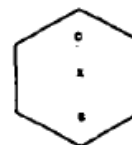
C S



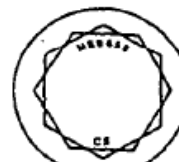
HEX. HEAD



HEX. HEAD



HEX. HEAD



TWELVE POINTS



FLAT HEAD

PAN HEAD

ROUND HEAD

(ALL TYPES OF RECESSED)

CAGE code: 8Z507


1/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

CAMBRIDGE SPECIALTY COMPANY, INC.
DBA POINT MACHINE CO.
588 FOUR ROD RD
BERLIN, CT 06037-2280

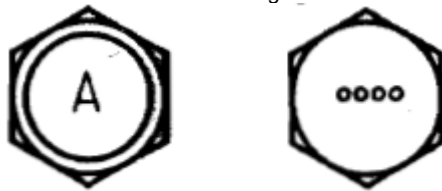


CAGE code: 9E232 2/

CAMCAR DIVISION OF TEXTRON INC.
600 18th 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

CAGE code: 93907 2/

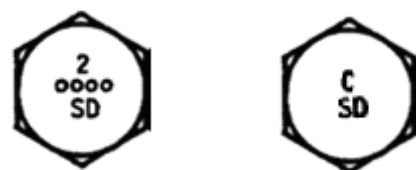
Continued

Continued

CAMCAR DIVISION OF TEXTRON INC.

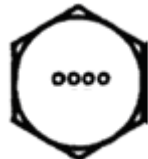
Plant
DRILLETITE PRODUCTS
1304 KERR DR.
DECORAH, IA 52101
CAGE code: 0JMM5

Head markings



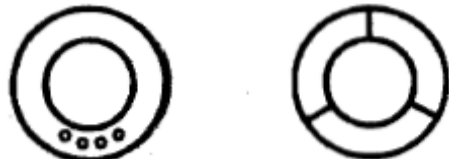
Vendor and customer Identification for stainless steel, drilled screws, raised or depressed

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

CAGE code: 93907 2/

Continued

^{1/} Information published in this revision was verified by direct contact with manufacturers.

^{2/} Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

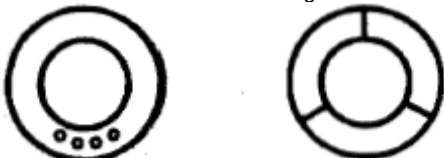
Continued

CAMCAR DIVISION OF TEXTRON INC.

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

Head markings

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

Under head markings

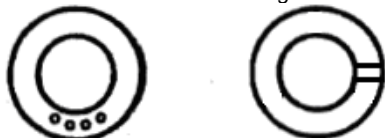
Vendor identification, four radial dots or three equally spaced radial lines, depressed

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

CAGE code: 6P253

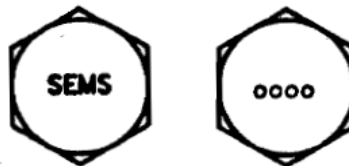
2/

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.

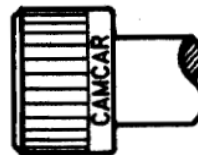


TORXSTEM ®
"TORX" equally spaced on END, raised or depressed.

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

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

Continued

CAMCAR DIVISION OF TEXTRON INC.

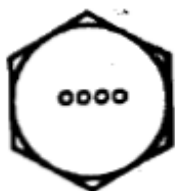
Plant
TAPTITE PRODUCTS
826 EAST MADISON ST
BELVIDERE, IL 61008

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

2/

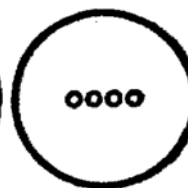
Continued

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 "T" 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


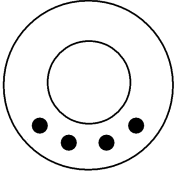








Product Identification, "STRUX ®" raised or depressed,
located as shown or four radial dots, raised or depressed.

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.




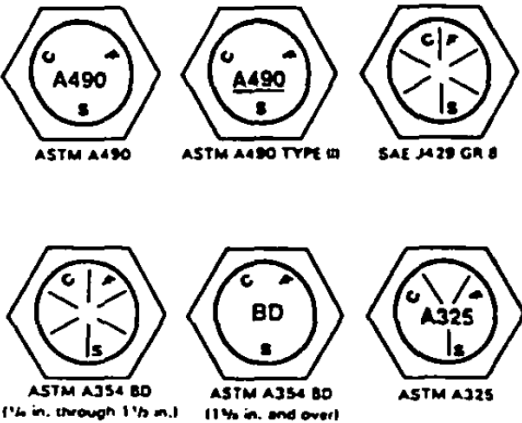
MIL-HDBK-57E (IS)

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|---|--|
| <p>CAMCAR LLC 500 18TH AVENUE ROCKFORD, IL 61104</p>   <p>CAMCAR</p> <p>CAGE code: 4WL75 1/</p> | <p>CAMLOC PRODUCTS AFS TORRANCE OPERATIONS 3014 WEST LOMITA BLVD. TORRANCE, CA 90505-5103 CAGE code: 71286</p> <p>AFS KELKHEIM OPERATIONS INDUSTRIESTRASSE 6 D-65779 KELKHEIM, GERMANY CAGE code: D0680</p> <p>(Corporate office see ALCOA FASTENING SYSTEMS)</p>  <p>CAMLOC</p>  <p>CAGE code: 71286, D0680 1/</p> |
| <p>CAMCAR SCREW AND MFG CO DIV OF TEXTRON INC 29201 TELEGRAPH RD., SUITE 611 SOUTHFIELD, IL 48034 - 7649</p>  <p>PRODUCT IDENTIFICATION, "HP" RAISED OR DEPRESSED.</p>  <p>PRODUCT IDENTIFICATION, FOUR IN-LINE DOTS RAISED OR DEPRESSED.</p> <p>HEAD MARKINGS</p>  <p>VENDOR IDENTIFICATION, FOUR RADIAL DOTS RAISED OR DEPRESSED.</p>  <p>VENDOR IDENTIFICATION, TWO PARALLEL LINES RAISED OR DEPRESSED.</p> <p>UNDER HEAD MARKINGS</p> <p>CAGE code: 6P253 2/</p> | <p>CAM-TECH INDUSTRIES 95 ESTATES DR W FAIRPORT, NY 14450-8425</p>  <p>CAGE code: 0GT70 2/</p> <p>CANADY MANUFACTURING CO. INC. 500 FIFTH STREET SAN FERNANDO, CA 91340-2225</p>  <p>CAGE code: 00678 2/</p> |

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2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.




MIL-HDBK-57E (IS)

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| <p>CAPRICE ENGINEERING CO., INC. 509 HINDRY AVE. INGLEWOOD, CA 90301-2017</p>  <p>CAGE code: 52916 <u>1/</u></p> | <p>CARDINAL INDUSTRIAL PRODUCTS 3873 WEST OQUENDO LAS VEGAS, NV 89118-3010</p> <p>C</p> <p>A capital "C" to be applied to all standard ASME/ASTM bolting material.</p> <p>MULTI-C</p> <p>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.</p> <p>CAGE code: 57454 <u>2/</u></p> |
| <p>CAPY MACHINE SHOP, INC. 114 SPAGNOLI ROAD MELVILLE, NY 11747</p>  <p>CAGE code: 0BVP9 <u>1/</u></p> | <p>CARR CO. (THE UNITED CARR DIV OF TRW) 31 AMES ST. CAMBRIDGE, MA 02142</p>  <p>CAGE code: 78947 <u>2/</u></p> |
| <p>CARDINAL FASTENER & SPECIALTY CO., INC. 5185 RICHMOND RD BEDFORD HEIGHTS, OH 44146-1330</p>  <p>CAGE code: 2Y089 <u>2/</u></p> | <p>CATALINA INSTRUMENT CORPORATION 44 SOUTH MALL PLAINVIEW, NY 11803-4208</p> <p>CI</p> <p>CAGE code: 30225 <u>1/</u></p> |

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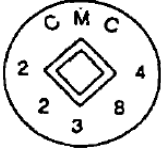

MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>CBS FASTENERS INC. 1345 BRASHER STREET ANAHIEM, CA 92807-2046</p> <p>CBS CbS</p> <p>CAGE code: 0F620 <u>1/</u></p> | <p>CELTECH ENTERPRISE 9774 CRESENT CTR DR SUITE 506 RANCHO CUCAMONGA, CA 91730-5745</p>  <p>CAGE code: 0EFF7 <u>2/</u></p> |
| <p>CCB INDUSTRIES, INC. 3200 STUART DRIVE P.O. BOX 1158 FT. WORTH, TX 76101</p> <p>CCB</p> <p>CAGE code: 60763 <u>1/</u></p> | <p>CENTERLINE TOOL & ENGINEERING, INC. 3107 29TH AVENUE E BRADENTON, FL 34208-7420</p>  <p>Capital "C" and Capital "L" combined.</p> <p>CAGE code: 0B5B0 <u>2/</u></p> |
| <p>CCF ENTERPRISES INC. 2449 N.W. DALLAS STREET GRAND PRARIE, TX 75050-4971</p> <p>CCF</p> <p>CAGE code: 08QQ4 <u>2/</u></p> | <p>CENTRAL OZARK MACHINE, INC. HWY 19 SOUTH & HH P. O. BOX 347 ALTON, MO 65606-0347</p>  <p>CAGE code: 64896 <u>2/</u></p> |
| <p>CEI INC. DBA COMMAND ENTERPRISES 700 NORTH DELSEA DR PITMAN, NJ 08071-1244</p> <p>L-S-A</p> <p>CAGE code: 6U479 <u>2/</u></p> | |

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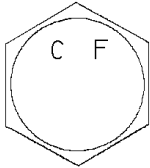

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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| <p>CENTRAL SCREW PRODUCTS 6425 EAST HILDALE DETROIT, MI 48234</p>  <p>CAGE code: 1YCR3 <u>1/</u></p> | <p>CHAMPION COMMERCIAL INDUSTRIES, INC CHAMPION RIVET DIVISION P.O. BOX 398 5137 INDIANAPOLIS BLVD EAST CHICAGO, IN 46312-0398</p> <p style="text-align: center; font-size: 2em;">V</p> <p style="text-align: right;"><i>Rivets only</i></p> <p>CAGE code: 4B951 <u>2/</u></p> |
| <p>CENTURY METAL PARTS CORP. 230 SOUTH FEHRWAY BAY SHORE, NY 11706-1208</p>  <p>CAGE code: 30396 <u>1/</u></p> | <p>CHAMPION FASTENERS, INC. 707 SMITHVILLE RD LUMBERTON, NJ 08048-5302</p>  <p>CAGE code: 0NXPO <u>1/</u></p> |
| <p>CER-MAC INC. 971 HORSHAM RD, HORSHAM, PA 19044-1225</p>  <p>CAGE code: 53569 <u>2/</u></p> | <p>CHANCE, A.B. COMPANY 2201 LAKEVIEW RD MEXICO, MO 65265-1360</p>  <p>CAGE code: 02TP8 <u>2/</u></p> |
| <p>CERNY MFG. CO. 4057 WEST 147TH STREET LAWNDALE, CA 60260</p>  <p style="text-align: center;">CMC ♦ 22384.</p> <p>CAGE code: 22384 <u>2/</u></p> | <p>CHANDLER PRODUCTS, INC. 1491 CHARDON RD CLEVELAND, OH 44117-1598</p>  <p>CAGE code: 83386 <u>1/</u></p> |

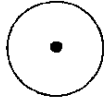


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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>CHATHAM PRECISION, INC. COMMERCE ST. P.O. BOX 510 HINESBURG, VT 05461</p> <p>4 N 1 3 3</p> <p>CAGE code: 4N133 <u>2/</u></p> | <p>CHICAGO HARDWARE & FIXTURE CO. 9100 PARK LANE FRANKLIN PARK, IL 60131-3054</p> <p>CHF</p> <p>CAGE code: 71747 <u>1/</u></p> |
| <p>CHEREK MACHINE & TOOL CO., INC. 835 SHERMAN AVENUE HAMDEN, CT 06514-1149</p> <p>CHEREK</p> <p>CAGE code: 0YWD4 <u>2/</u></p> | <p>CHIEF MFG. 423B WEST FORK DRIVE ARLINGTON, TX 76012-3450</p> <p></p> <p>CAGE code: 00WU0 <u>1/</u></p> |
| <p>CHEROKEE TOOL & ENGINEERING CO., INC. P.O. BOX 227 CANTON, GA 30114</p> <p></p> <p>CAGE code: 30662 <u>2/</u></p> | <p>CHOICE PRECISION MACHINE, INC. 4280 COMMERCE DRIVE WHITEHALL, PA 18052</p> <p>CPM</p> <p>CAGE code: 1WAA0 <u>2/</u></p> |
| <p>CHICAGO FASTENER MANUFACTURING 10902 WALNUT LANE MOKENA, IL 60448-8165</p> <p></p> <p>CAGE code: 05TL5 <u>1/</u></p> | <p>CHRIS MACHINE CO. 110 DOYLE ST. DOYLESTOWN, PA 18901-1370</p> <p></p> <p>CAGE code: 2T317 <u>2/</u></p> |

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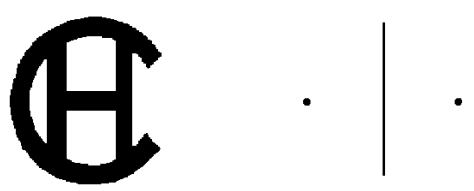
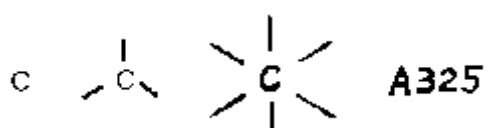



MIL-HDBK-57E (IS)

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| <p>CHU HUA INDUSTRIAL CO., LTD. 800 FU SHING RD. LU CHU, KAOHSING, TAIWAN, 821 R.O.C.</p>  <p>UH</p> <p>CAGE code: <u>2/</u></p> | <p>CLEVELAND HARDWARE & FORGING DBA GREEN BAY DROP FORGE CO 1341 S. STATE ST P.O. BOX 11797 GREEN BAY, WI 54307-1797</p>  <p>Circle with center dot</p> <p>CAGE code: 08277 <u>2/</u></p> |
| <p>CHUN YU WORKS & CO., LTD. 1 CIASHING KANGSHAN, TAIWAN</p> <p>L</p> <p>CAGE code: <u>2/</u></p> | <p>CLICK BOND, INC. 2151 LOCKHEED WAY CARSON CITY, NV 89706-0713</p> <p>CB</p> <p>CAGE code: 66530 <u>1/</u></p> |
| <p>CINCH MANUFACTURING 2610 S YALE ST SANTA ANA, CA 92704</p>  <p>CAGE code: <u>2/</u></p> | <p>CLYDE FASTENERS LIMITED 5 HAWBANK RD, EAST KILBRIDE, GLASGOW, SCOTLAND G74 5ET</p> <p>CFL</p> <p>CAGE code: <u>1/</u></p> |
| <p>CINCH-MONADNOCK 18301 ARENTH AVE CITY OF INDUSTRY, CA 91749</p>  <p>= (dot)</p> <p>CAGE code: <u>2/</u></p> | <p>CM MANUFACTURING, INC. 6333 BUTLER CREEK ROAD MISSOULA, MT 59808-8861</p> <p>CM</p> <p>CAGE code: 6Z056 <u>1/</u></p> |

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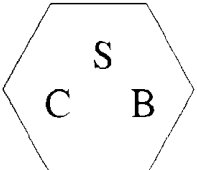
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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|---|---|
| <p>CNC MACHINING INC. 109 PANE ROAD NEWINGTON CT 06111-1552</p> <p style="text-align: center;">C</p> <p>CAGE code: 2Y832 <u>2/</u></p> | <p>COLD HEADING CO., THE 21777 HOOVER RD. WARREN, MI 48089-2544</p> <p style="text-align: center;"></p> <p>CAGE code: 89657 <u>1/</u></p> |
| <p>COAE BOLTS WORKS CO., LTD NO. 47 CHINAN ROAD, TASHE HSIANG KOAHSIUNG HSIEN, TAIWAN</p> <p style="text-align: center;"></p> <p>CAGE code: <u>2/</u></p> | <p>COLOC MANUFACTURING DIVISION INGRAM INDUSTRIES, INC. P.O. BOX 249 CANTON, TX 75103</p> <p style="text-align: center;">Plant 465 VZ CR 2516 CANTON, TX 75103</p> <p style="text-align: center;">III</p> <p>CAGE code: 0M6Y0 <u>1/</u></p> |
| <p>COAST INDUSTRIAL SUPPLY CO., INC. SUB OF SPANDCO INDUSTRIES INC. 15959 PIUMA AVENUE CERRITOS, CA 90701-1526</p> <p> On head of silicon bronze and aluminum hex head cap screws</p> <p> On head of stainless steel, monel, brass, naval bronze, chrome alloy, hex head cap screws, and the end of alloy steel studs.</p> <p>CAGE code: 9U032 <u>2/</u></p> | <p>COMET MFG. CO., INC. 315 JOHN DOWNEY DRIVE NEW BRITIAN, CT 06051</p> <p style="text-align: center;">61062</p> <p>CAGE code: 61062 <u>2/</u></p> |
| <p>CODLING TOOL & MFG. INC. 665 NE 42ND STREET FORT LAUDERDALE, FL 33334</p> <p style="text-align: center;"></p> <p>CAGE code: 0P3X2 <u>2/</u></p> | <p>COMMAND ENTERPRISES 700 NORTH DELSEA DR. PITMAN, NJ 08071 (see CEI, INC.)</p> <p style="text-align: center;">C. E. I</p> <p>CAGE code: <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
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| <p>COMPUTA-BASE MACHINING, INC. 411 NORTH GROVE ST P.O. BOX 340 BERLIN, NJ 08009-9704</p> <p>CBM</p> <p>CAGE code: 0A396 <u>2/</u></p> | <p>COPELAND MFG. CORP. (JAMES DIVISION) 11222 E. PINE ST. TULSA, OK 74116-1613</p> <p></p> <p></p> <p>CAGE code: 0CM67 <u>2/</u></p> |
| <p>CONNECTICUT AIRCRAFT PRODUCTS 246 SHAKER ROAD ENFIELD, CT 06082-2366</p> <p></p> <p>CAGE code: 0KA73 <u>2/</u></p> | <p>COPPER STATE BOLT & NUT CO. 3602 N 35TH AVE. 3637 N 34TH AVE. PHOENIX, AZ 85017-4408</p> <p></p> <p>CAGE code: 0Z0Y2 <u>2/</u></p> |
| <p>CONQUEST MACHINE, INC. 3655 RESEARCH DR. GENESIS A STE 106 LAS CURCES, NM 88003-1239</p> <p>CMI</p> <p>CAGE code: 0PNX2 <u>2/</u></p> | <p>CORPUS CHRISTI GASKET & FASTENER LTD. 341 WEST CHESTER RD. P.O. BOX 4074 CORPUS CHRISTI, TX 78408</p> <p>CCG</p> <p>CAGE code: 008R2 <u>1/</u></p> |
| <p>CO-OP SCREW MANUFACTURING CORP. 60 SINDLE AVE. LITTLE FALLS, NJ 07424-1649</p> <p>C</p> <p>CAGE code: 1FZ52 <u>2/</u></p> | |
| <p>COOPER POWER SYSTEMS INC (MCGRAW EDISON POWER SYSTEMS) NORTH BURSON STREET EAST STROUDSBURG, PA 18301</p> <p>M</p> <p>CAGE code: 88424 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

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

1/

CRESENT MANUFACTURING CO.
P.O. BOX 1350
BUILINGTON, CT 06013-0350

Plant
700 GEORGE WASHINGTON TPKE
BUILINGTON, CT 06013-0350

CMA

CAGE code: 63020

1/

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

CRS
PRECISION CORP.

CAGE code: 07QQ6

2/

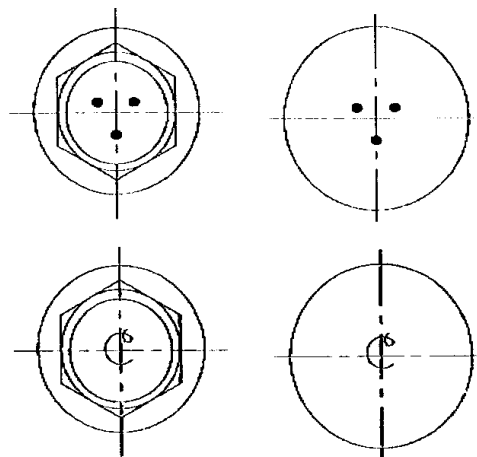
CRYSTAL METAL PRODUCTS COMPANY,
INC.
2700 E. CASTOR AVENUE
PHILADELPHIA, PA 191345



CAGE code: 0BPW8

2/

CSM FASTENER PRODUCTS
1133 BRTN MAWR AVE.
BENSENVILLE, IL 60106



CAGE code: 1CJW4

1/

CURTIS PRESTON ENTERPRISES INC.
DBA ATLAS SPECIALTY PRODUCTS
2299 E WINSTON RD
ANAHEIM, CA 92806-5538

ASP

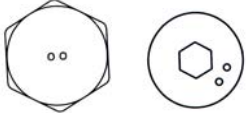

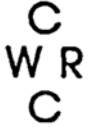
CAGE code: 0TP31

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

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| <p>CUTTING EDGE ENTERPRISE, LLC 2465 POLE LINE RD. DECORAH, IOWA 52101</p> <p>Plant 2509 172ND AVE. DECORAH, IOWA 52101</p>  <p>CAGE code: 52101 <u>1/</u></p> | <p>D & D TOOL COMPANY, INC. LEWIS STREET & MAPLE AVENUE EATONTOWN, NJ 07724</p> <p>D & D</p> <p>CAGE code: 30077 <u>2/</u></p> |
| <p>CUTTING EDGE MACHINING INC. NEVADA DIV 1625 LINDA WAY SPARKS, NV 89431</p> <p>See WESTERN SCREW MACHINE PRODUCTS, INC.</p>  <p>CAGE code: 0ZV72 <u>2/</u></p> | <p>D & R MACHINE COMPANY 2310 BIG OAK ROAD LANGHORNE, PA 19047-1910</p> <p>4T853</p> <p>CAGE code: 4T853 <u>2/</u></p> |
| <p>CWR MANUFACTURING CO (DIVISION OF A.J. MUPHY CO., INC.) P.O. BOX 2669 SYRACUSE, NY 13220</p>  <p>CAGE code: <u>2/</u></p> | <p>D. C. MACHINING INC. 1900 9TH AVE., SW WATERTOWN, SD 57201</p> <p>DC</p> <p>CAGE code: 0AUC7 <u>2/</u></p> |
| <p>D & D MACHINERY AND SALES 2420 W. R. LARSON ROAD SAN ANTONIO, TX 78261-2200</p> <p>1Y128</p> <p>CAGE code: 1Y128 <u>2/</u></p> | <p>D.S.O. PLASTICS, INC. 1220 ROCK ST. ROCKFORD, IL 61101</p> <p>Z</p> <p>CAGE code: <u>2/</u></p> |

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MIL-HDBK-57E (IS)

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| <p>DACK INDUSTRIES, INC. P.O. BOX 427 FARMINGTON , CT 06034 - 0427</p> <p>d</p> <p>CAGE code: 0CZ42 <u>2/</u></p> | <p>DARCO PRODUCTS 8406 WASHINGTON PL NE ALBUQUERQUE, NM 87113-1671</p> <p>D P</p> <p>CAGE code: 1DL79 <u>2/</u></p> |
| <p>DANIEL CO., EDWARD W. 11700 HARVARD AVENUE CLEVELAND, OH 441053</p> <p>D</p> <p>CAGE code: 73634 <u>2/</u></p> | <p>DAVE ALLEN ENTERPRISES 10631 BLOOMFIELD AVENUE UNIT 15 LOS ALAMITOS, CA 90720</p> <p>D A E</p> <p>CAGE code: 1NWX4 <u>2/</u></p> |
| <p>DAN-LOC BOLT & GASKET INC. FORMALLY <i>DANIEL INDUSTRIES, INC.</i> Bolt & Gasket Division P.O. BOX 292 HOUSTON, TX 77001-0292</p> <p>Plant 725 North Drennan Houston, TX 77003</p> <p>STUDS</p> <p>HEX NUTS</p> <p>CAGE code: <u>2/</u></p> | <p>DAVIES PRECISION MACHINING, INC. 2400 COLEBROOK RD. LEBANON, PA 17042-9562</p> <p>DPM</p> <p>CAGE code: 7V760 <u>2/</u></p> |
| | <p>DAVIS AIRCRAFT PRODUCT CO., INC. 1150 WALNUT AVENUE BOHEMIA, NY 11716-6216</p> <p>Chevrolet Logo</p> <p>CAGE code: 98313 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

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



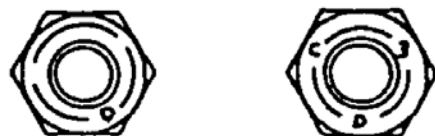
HEX WHEEL NUTS
(DEPRESSED "D" or "MDC")



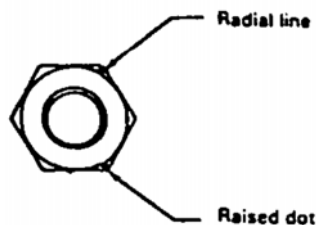
AMERICAN STANDARD
SQUARE, HEX, AND ROUND WELD NUT
(SMALL RAISED DOT ON CHAMFER)



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



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

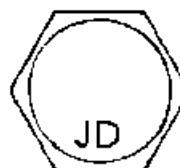


GRADE 5
HEX NUTS
(ONE RAISED RADIAL LINE 120°
COUNTERCLOCKWISE FROM ONE
RAISED DOT ON CHAMFER)

CAGE code: 12876

2/

DEERE & CO.
JOHN DEERE PLACE
MOLINE, IL 61265



CAGE code: 75160

2/

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

DAS
1

CAGE code: 1W4A6

1/

DEFENSE QUALITY MFG.
40 SACCO RD.
ROYERSFORD, PA 19468-1030



DQ

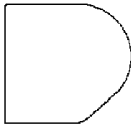




CAGE code: 0B6M7

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.









MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>DEFIANCE STAMPING COMPANY, THE P.O. BOX 506 DEFIANCE, OHIO 43512-2743</p> <p>PLANT 1090 PERRY ST DEFIANCE, OHIO 43512-2743</p>  <p>CAGE code: 6B357 2/</p> | <p>DELTA MACHINE & TOOL CO., INC. PARKMOUNT ROAD P.O. BOX 351 GLEN RIDDLE, PA 19037</p>  <p>CAGE code: 2/</p> |
| <p>DEHOUSSE (USINES) 64007 PAU FRANCE</p> <p style="text-align: center;">D</p> <p>CAGE code: BP714 2/</p> | <p>DEL-VAL FASTENER MANUFACTURING P.O.BOX 2901 21-D INDUSTRIAL DRIVE WARMINSTER, PA 18974</p> <p style="text-align: center;">DV</p> <p>CAGE code: 1EE10 2/</p> |
| <p>DELL MFG. CO., INC. 4 RIGHT LANE FARMINGTON, CT 06032-3195</p>  <p>CAGE code: 5A628 1/</p> | <p>DEMAT (CANCELLED AND REPLACED BY ALCOA FASTENER SYSTEMS) BD DU GRAND CASTAING ZI BD DU GRD CASTING ROQUES, FRANCE 31120</p>  <p style="text-align: center;">DT M</p> <p style="text-align: center;">D</p> <p>CAGE code: F7411 2/</p> |
| <p>DELT INDUSTRIES, INC. (AEROSPACE PRODUCTS DIVISION) 90 WEST EASY STREET, STE 2 P.O. BOX 940067 SIMI VALLEY, CA 93065-6206</p>  <p>CAGE code: 064T2 1/</p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.


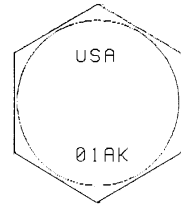


MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>DEPENDABLE MACHINE CO., INC. 1846 E 30TH ST INDIANAPOLIS, IN 46218-2607</p>  <p>CAGE code: 14554 <u>2/</u></p> | <p>DFCI SOLUTIONS, INC. 425 UNION BLVD. WEST ISLIP, NY 11795-3183</p>  <p>CAGE code: 72794 <u>1/</u></p> |
| <p>DERBYSHIRE MACHINE & TOOL CO. DBA DERBYSHIRE MARINE PRODUCTS 5100 BELFIELD AVENUE PHILADELPHIA, PA 19144-1788</p>  <p>CAGE code: 71905 <u>1/</u></p> | <p>DHL ENTERPRISES 1260 E. WOODLAND AVENUE #46 P. O. BOX 295 MORTON, PA 19070</p>  <p>CAGE code: 0UGD5 <u>2/</u></p> |
| <p>DETROIT HEADING CO. 6421 LYNCH RD. DETROIT, MI 48234-4140</p>  <p>CAGE code: 0TUA2 <u>2/</u></p> | <p>DIAL SUPPLY AND MFG., INC. 1315 FM 1187 #106 MANSFIELD, TX 76063</p>  <p>CAGE code: 9N473 <u>1/</u></p> |
| <p>DEUTSCH COMPANY INC., THE DBA DEUTSCH CO THE METAL COMPONENT 14800 S. FIGUEROA STREET GARDENA, CA 90248-1795</p>  <p>CAGE code: 14798 <u>2/</u></p> | <p>DIESEL PARTS COMPANY OF CALIFORNIA 1900 EAST 12TH STREET OAKLAND, CA 94606-4821</p>  <p>CAGE code: 24378 <u>2/</u></p> |

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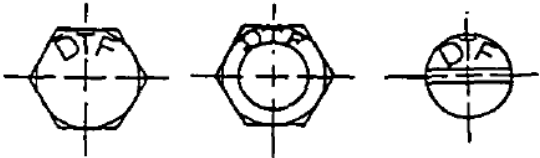


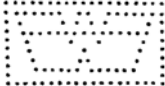


MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>DIHARD COMPANY 3161 MAJOR STREET FORT WORTH, TX 76112 - 7020</p> <p>D</p> <p>CAGE code: 0F1U4 <u>2/</u></p> | <p>DO-ALL PRECISION, INC. 9 UNION AVENUE MOUNT VERNON, NY 10550</p>  <p>CAGE code: <u>2/</u></p> |
| <p>DISC-LOCK INTERNATIONAL 1924 S PACIFIC COAST HWY SUITE F REDONDO BEACH , CA 90277</p> <p>DL</p> <p>CAGE code: 72731 <u>2/</u></p> | <p>DOMESTIC FASTENER & FORGE, INC. P.O. BOX 14642 LENEXA, KS 66285</p> <p>Plant 15850 W. 108TH STREET LENEXA, KS 66219</p>  <p>CAGE code: 09ML9 <u>1/</u></p> |
| <p>DIXON MACHINE & TOOL DBA DIXON MACH AND FABRICATION 6807 CHAPMAN HWY. KNOXVILLE, TN 37920-6560</p> <p>see TROY D. RAY</p> <p>DMT</p> <p>CAGE code: 1DEP3 <u>2/</u></p> | <p>DOMESTIC FORGING, INC. P.O. BOX 693 NEW HAVEN, MI 48048</p>  <p>CAGE code: <u>2/</u></p> |
| <p>DO MANUFACTURING CORP. P.O. BOX 2382 114 BROOKLYN ST ROCKVILLE, CT 06066</p> <p><i>PLANT</i> 114 BROOKLYN ST. ROCKVILLE, CT 06066</p>  <p>CAGE code: 1H312 <u>2/</u></p> | <p>DONSON MACHINE ALSIP MACHING GROUP 12416 S. KEDVALE AVENUE ALSIP, IL 60803-1819</p> <p>DMC</p> <p>CAGE code: 0BHD5 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>DOUBLECO INCORPORATED DBA R & D FASTENERS 9444 9TH STREET RANCHO CUCAMONGA, CA 91730</p> <p></p> <p>CAGE code: 1UKP3 1/</p> | <p>DTF MANUFACTURING, INC. DIV OF FEDERAL SCREW AND SUPPLY CO P. O. BOX 329 146 ALBANY AVE. LINDENHURST, NY 11757</p> <p></p> <p>Standard: DTF Large Dia: DTF Micro Dia: d</p> <p>CAGE code: 0H802 2/</p> |
| <p>DOUGLASS TOOL & ENGINEERING CO., INC. 304 EAST DYER ROAD SANTA ANA, CA 92707</p> <p></p> <p>Marking to be indented</p> <p>CAGE code: 2/</p> | <p>DUFFY ELECTRONICS & MFG. CO. 50 BARNES PARK RD WALLINGFORD, CT 06492</p> <p></p> <p>CAGE code: 2/</p> |
| <p>DRESSER INDUSTRIES, INC. DRESSER PUMP DIVISION 142 CLINTON ROAD FAIRFIELD, NJ 07004</p> <p></p> <p>CAGE code: 0LNV2 2/</p> | <p>DUNCAN ELECTRONICS & MFG. CO. 701 SEVENTH AVE. BELMAR, NJ 07719</p> <p></p> <p>CAGE code: 2/</p> |
| <p>D'SAMIC 1261 HOBLITT AVE # 206 CLOVIE, CA 93612-2811</p> <p></p> <p>CAGE code: 2/</p> | |

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2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>DUNHAM PRODUCTS, INC. 6 INDUSTRIAL DRIVE BEDFORD, OH 44146-4414</p> <p style="text-align: center;">DP</p> <p>CAGE code: 1B4S0 <u>2/</u></p> | <p>DUVE GmbH & CO. KG P.O. BOX 1240 NEUENRADE, GERMANY D-5982</p> <p>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</p> <p>DX - Hexagon head sealing fasteners made of stainless steel</p> <p>DUVEX - Hexagon head screws and bolts made of stainless steel (A2 + A4)</p> <p>DUVE - DUVE DRIL-KWICK Self-Drilling Fastener (Screws)</p> <p>DUVE</p> <p>CAGE code: <u>2/</u></p> |
| <p>DUPONT, G.B. CO., INC. (SEE KAMAX L. P.) 500 WEST LONG LAKE ROAD TROY, MI 48098-4540</p> <p style="text-align: center;">D</p> <p>CAGE code: 1DWW1 <u>1/</u></p> | <p>DYNACAST INDUSTRIAL FASTENERS DIVISION 1401 FRONT STREET YORKTOWN HEIGHTS, NY 10598</p> <p style="text-align: center;"><i>DYNACAST</i></p> <p>CAGE code: <u>2/</u></p> |
| <p>DUSEVOIR METAL PRODUCTS, INC. 1751 S TELEGRAPH RD P.O. BOX 2158 DEARBORN, MI 41823</p> <p style="text-align: center;">D</p> <p>CAGE code: 97233 <u>2/</u></p> | <p>DYNAMIC ENGINEERING 720 11TH AVE., S.E. P.O. BOX 697 WATERTOWN, SD 57201-0697</p> <p style="text-align: center;">AE</p> <p>CAGE code: 9U252 <u>2/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.




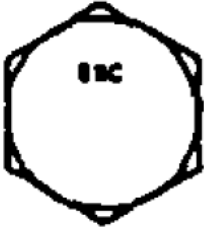


MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>DYSON CORP THE formerly (JOS. DYSON & SONS, INC.) 53 FREEDOM RD PLAINSVILLE, OH 44077-1232</p>  <p>CAGE code: 22132 <u>2/</u></p> | <p>EAGAN MACHINE CORP. 135 CENTER STREET BRISTOL, CT 06010</p>  <p>CAGE code: <u>2/</u></p> |
| <p>DZUS FASTENER CO., INC. see DFCI SOLUTIONS, INC. 425 UNION BLVD WEST ISLIP, NY 11795</p>  <p>CAGE code: 3L478 cancelled- replaced by 72794 <u>2/</u></p> | <p>EAGLE PICHER INDUSTRIES (PRECISION PRODUCTS PLANT) 1927 W 4TH ST P.O. BOX 1444 JOPLIN, MO 64801-3</p>  <p>CAGE code: 9L734 <u>2/</u></p> |
| <p>E. KOZAK PRECISION PRODUCTS CO. 45 WOODLAND AVE. ROCKAWAY, NJ 07866</p>  <p>CAGE code: ICP43 <u>2/</u></p> | <p>EAGLEHEAD MANUFACTURING COMPANY DBA DEJAK MACHINE TOOL COMPANY DIV DEJAK DRILLING 23555 EUCLID AVE EUCLID, OH 44117-1703</p> <p>Alphanumeric Designation</p> <p>01NU</p> <p>CAGE code: 1GVE5 <u>2/</u></p> |
| <p>E.L.R. MACHINE AND TOOL 48 A VINCENT CIRCLE IVYLAND, PA 18974</p>  <p>CAGE code: <u>2/</u></p> | <p>EAST COAST METALS INC. 171 RUTH ROAD HARLEYSVILLE, PA 19438</p>  <p>CAGE code: 4W058 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>EASTERN SCREW CO., INC. 15 AMFLEX DRIVE CRANSTON, RI 02921-2028</p> <p>Plant 71 MILL STREET JOHNSON, CRANSTON, RI 02921-2028</p>  <p>CAGE code: 2L684 <u>1/</u></p> | <p>EBERHARD BRUNINGHAUS POSTFAUCH 12 06 1M DUDA2 NEUENRADE, FEDERAL REPUBLIC OF GERMANY D 5982</p>  <p>EBM</p> <p>CAGE code: <u>2/</u></p> |
| <p>EASTWOOD MFG., CO. P.O. BOX 231102 6825 BREEN RD HOUSTON, TX 77086-3719</p> <p>Plant 52 Lawndale Houston, TX 77023</p>  <p>CAGE code: 77903 <u>2/</u></p> | <p>ECENARRO S. COOP. LTDA. c/ AMILLAGA, 15. BERGARA - GUIP'UZOCA, SPAIN 20500</p>  <p>ESC</p> <p>CAGE code: <u>2/</u></p> |
| <p>EATON AEROQUIP CORPORATION (AEROSPACE DIVISION) 300 S. EAST AVE. JACKSON, MICHIGAN 49203-1972</p>  <p>CAGE code: 00624 <u>2/</u></p> | <p>EDS ORDNANCE 644 C ANCHORS ST. FT. WALTON BEACH, FL 32548</p>  <p>CAGE code: 1CA31 <u>2/</u></p> |
| <p>EBC INDUSTRIES (FORMERLY ERIE BOLT CORP.) 1325 LIBERTY STREET ERIE, PA 16502-1641</p> <p>ERIE <u>E</u></p> <p>CAGE code: 5G920 <u>1/</u></p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

ELASTIC STOP NUT
(Division of Harvard Industries, Inc.)

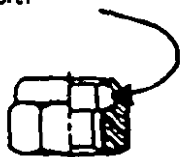
See MACLEAN-ESNA

Plant
2330 Vauxhall Road
Union, NJ 07083

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

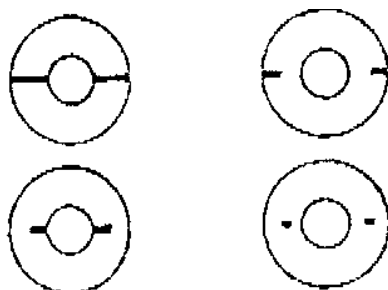
E, EN, or ESNA Red nylon insert in locknuts

Red nylon insert in locknuts identifies Esna as manufacturer



CAGE code: 2/

ELCO INDUSTRIES, INC.
1111 SAMUELSON RD
ROCKFORD, IL 61101



Underside of screw head



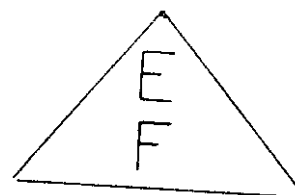
CAGE code: 83486 2/

ELECTRO-FREETO MANUFACTURING
COMPANY
37 POPE ROAD
HOLLISTON, MA 01746-2218

JF

CAGE code: 17401 2/

ELITE FASTENERS
6400 DALE STREET
BUENA PARK, CA 90621



CAGE code: 0T3D2 2/

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

e



CAGE code: 9Z199 2/

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

DTE

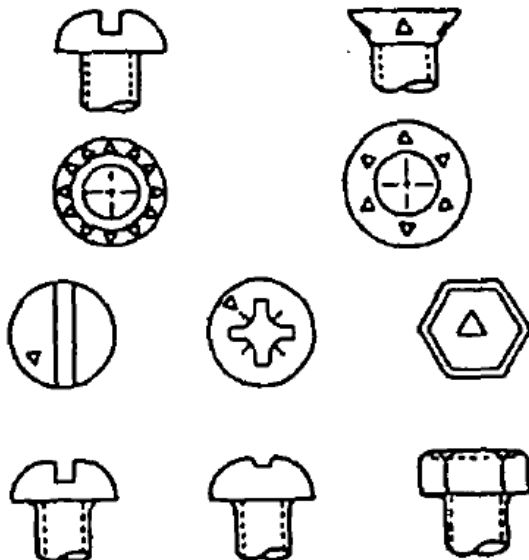
CAGE code: 4Y352 2/

^{1/} Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

EMHART CORP.
PARKER-KALON DIVISION
395 ROBERTS ROAD
CAMPBELLSVILLE, KY 42718



"TRIANGLE" MARKING

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



G_H raised or indented on
flange or bearing surface



G_H raised on head, both
inch and metric series e

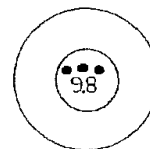


G_H raised or indented on
flange or bearing surface

CAGE code: 73020

2/

EMP MANUFACTURING CO.
40935 PRODUCTION DR
HARRISON TOWNSHIP, MI 48045-1351



CAGE code: 4G973

2/

EMPIRE PRECISION MACHINING
108 W. HOLLOWAY DR.
HURST, TX 76053-6807



CAGE code: 5V179

1/

ENGEL MANUFACTURING COMPANY,
INC., THE
304 W. EWING AVENUE
SOUTH BEND, IN 46613-2108



CAGE code: 0XYS0

2/

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

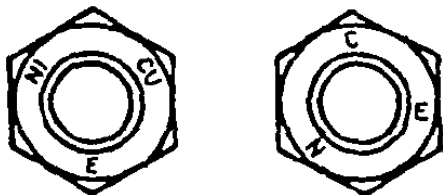
2/

1/ Information published in this revision was verified by direct contact with manufacturers.

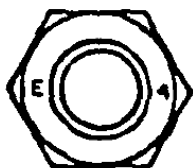
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

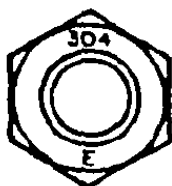
ENGINEERING MATERIALS CO., INC.
FASTENER MANUFACTURING DIVISION
2055 WEST COWLES STREET
LONG BEACH, CA 90813-1087



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

1/

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

1/

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>ENGLE MANUFACTURING COMPANY, INC., THE 304 W. ERVING AVE. SOUTH BEND, IN 46613</p> <p>EM F593 T</p> <p>CAGE code: 0XYS0 2/</p> | <p>ERIE BOLT CORP. 1325 LIBERTY STREET ERIE, PA 16502</p> <p>see EBC INDUSTRIES</p> <p>ERIE E</p> <p>CAGE code: 5G920 2/</p> |
| <p>ENOMOTO INDUSTRIES CO., LTD. 3-26 TAKASAGO, TAKAISHI-SHI, OSAKA, 592 JAPAN</p>  <p>CAGE code: S0132 2/</p> | <p>ESCO PRECISION, INC. 71 OLD CAMPLAIN RD. HILLSBOROUGH, NJ 08844</p> <p>EPI</p> <p>CAGE code: 1YRR0 1/</p> |
| <p>ERICO FASTENING SYSTEMS 301 NEW ALBANY ROAD MOORESTOWN, NJ 08057</p>  <p>CAGE code: 84483 2/</p> | <p>ESMET, INC.</p> <p>DBA ELECTROLINE TTUFLOC 1406 5TH ST., S.W. CANTON, OH 44702-2062 CAGE code: 79931</p> <p>SUB OF UNIMET CORP 1406 5TH ST., S.W. CANTON, OH 44702-2062 CAGE code: 0EA31</p>  <p>CAGE code: 79931, 0EA31 1/</p> |

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MIL-HDBK-57E (IS)

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

2/

ESP MANUFACTURING CO., INC.
2331 E. INTERSTATE 20
P O BOX 871
ODESSA, TX 79766-8827

EΣΠ

CAGE code: 7J504

1/

ESSENTIAL MACHINING
354 HERBERTSVILLE ROAD
BRICK, NJ 08724-1735



CAGE code: 0TR19

1/

ESTA PRODUCTS COMPANY
16 MISSOURI DRIVE
WARWICK, RI 02886-8117

ESTA

CAGE code: 8R230

2/

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

Microlock



Hi-Hex Microlock



Prevailing torque surface

Flange Hi-Hex Microlock



Prevailing torque surface

Flange Toplock



Flange Nut



Nut and Washer Assembly



Standard Hex Nut



CAGE code:
Continued

2/

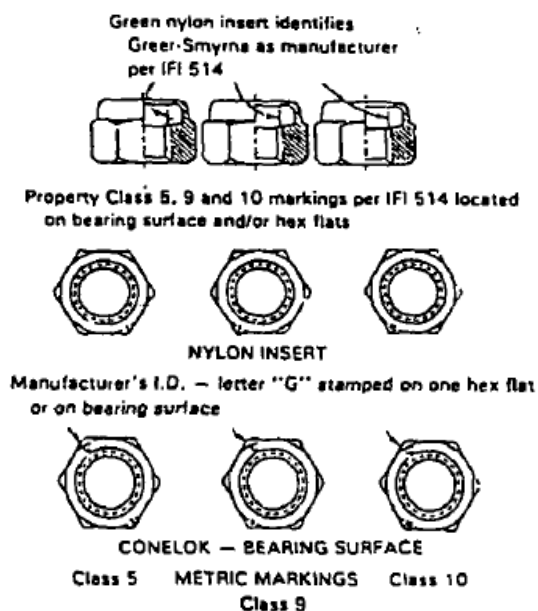
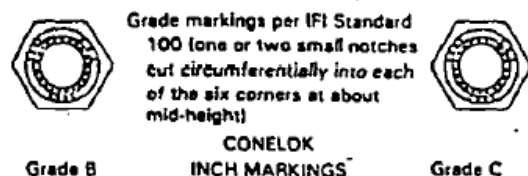
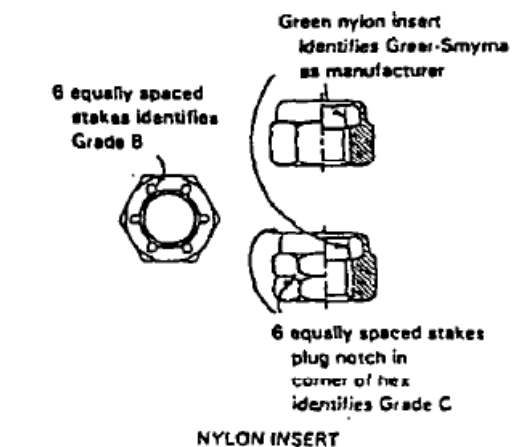
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MIL-HDBK-57E (IS)

EVERLOCK FASTENING SYSTEMS
Continued

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

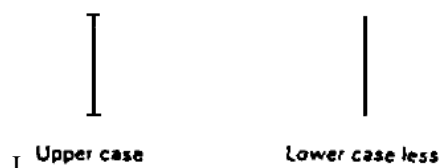


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2/

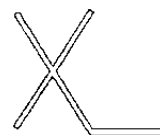
Continued
EVERLOCK FASTENING SYSTEMS

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



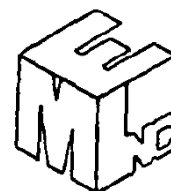
CAGE code: 2/

EXCEL PRECISION PRODUCTS, INC.
2207 NW 30TH PL.
POMPANO BEACH, FL 33069-1026



CAGE code: 1H4K6 2/

EXPERIMENTAL MACHINE CO.
1412 SHOEMAKER RD.
BALTIMORE, MD 21209



CAGE code: 0NAP8 2/

FABER ENTERPRISES, INC.
6606 VARIEL AVE.
CANOGA PARK, CA 91303-2808



CAGE code: 14397 1/

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2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.





MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>FABRICATION SPECIALTY INC. 6530 SMOKY HILL CT. GRANBURY, TX 76049-7042</p> <p>FS or 28548</p> <p>CAGE code: 28548 <u>1/</u></p> | <p>FANG SHENG SCREW CO., LTD. #113 LANE 96 MINCHAUN ROAD LU CHU HSIANG, KAOHSIUNG HSIEN, 821, TAIWAN</p> <p>YFS FANG SHENG SCREW CO. LTD</p> <p>CAGE code: SJ544 <u>2/</u></p> |
| <p>FABSCO CORP. 1745 W. 124TH ST. CHICAGO, IL 60643-5345</p> <p>F</p> <p>CAGE code: 4S619 <u>2/</u></p> | <p>FARIAS INDUSTRIAL MACHINING 504 BRUNKEN AVENUE, STE L SALINAS, CA 93901</p> <p>(No artwork for marking. Marks whatever the customer specifies.)</p> <p>CAGE code: 3KWY7 <u>1/</u></p> |
| <p>FAILING CO., GEORGE E. P.O.BOX 872 ENID, OK 73702</p> <p>F</p> <p>CAGE code: <u>2/</u></p> | <p>FARLO MACHINE & TOOL CO., INC 340 CONSTANCE DR BLDG # 7 WARMINSTER, PA 18974-2815</p> <p>FM</p> <p>CAGE code: 7S305 <u>2/</u></p> |
| <p>FALCON MANUFACTURING CORP. 10409-B OLD ATLANTA HWY. COVINGTON, GA 30014-0887</p> <p>FMC 1</p> <p>CAGE code: 0HM72 <u>2/</u></p> | |
| <p>FALL RIVER MANUFACTURING CO., INC. 540 CURRANT ROAD FALL RIVER, MA 02720-4711</p> <p>fr f</p> <p>CAGE code: 1JWL5 <u>1/</u></p> | |

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MIL-HDBK-57E (IS)

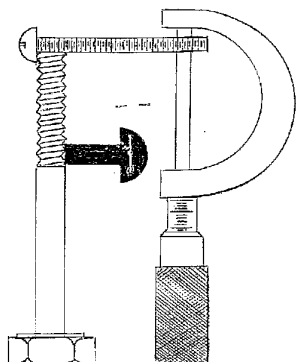
| | |
|--|---|
| <p>(FASSCO) FASTENER & STEEL SUPPLY CO., LTD. Quality Assurance Dept. P.O. BOX 236 HATFIELD, PA 19440</p> <p>Plant 2294 NORTH ROAD HATFIELD, PA 19440</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Latest marking used on fasteners after August 1, 1988</p> </div> <div style="text-align: center;">  <p>Previous marking used on fasteners</p> </div> </div> <p>CAGE code: 2/</p> | <p>FASTENER BROKERAGE INC DBA INOFAST MANUFACTURING SUITE R 2880 BERGEY RD HATFIELD, PA 19440 - 3241</p> <p style="text-align: center; font-size: 2em;">IN</p> <p>CAGE code: 2T359 2/</p> |
| <p>FASTENAL COMPANY 2001 THEURER BLVD. WINONA, MN 55987-1500</p> <p>Plant FASTENAL COMPANY MFG DIV 1801 THEURER BLVD. WINONA, MN 55987-1500 CAGE code: 1QNZ3</p> <div style="text-align: center;">  </div> <p>CAGE code: 0Y3H3 1/</p> | <p>FASTENER INNOVATION TECHNOLOGY, INC. DBA F.I.T. 14601 S. BROADWAY STREET GARDENA, CA 90248-1811</p> <p style="text-align: center; font-size: 2em;">FIT</p> <p>CAGE code: 58998 1/</p> |
| | <p>FASTENER TECHNOLOGY CORP. 7415 FULTON AVE NORTH HOLLYWOOD, CA 91605-5411</p> <p style="text-align: center; font-size: 2em;">FT</p> <p>CAGE code: 58794 1/</p> |
| | <p>FASTENING PRODUCTS CO.,INC. P.O. BOX 261 CLIFTON HIGHTS, PA 19018-0334</p> <p>Plant 3 MERION TERRACE CLIFTON HEIGHTS, PA 19018-0334</p> <div style="text-align: center;">  </div> <p>CAGE code: 6M389 1/</p> |

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MIL-HDBK-57E (IS)

FASTENING PRODUCTS OF LANCASTER,
INC.
1980 OLD PHILADELPHIA PIKE
LANCASTER, PA 17602-3498



CAGE code: 4M097

1/

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

F

CAGE code:

1/

FASTI-WERK CARL AUG. FASTENRATH
GMBH & CO.KG
INDUSTRIEGEBIET ELBRINGHAUSEN
P.O. BOX 1250
WERMELSKIRCHEM, GERMANY 42929

F

CAGE code: D9500

2/

FASTRON COMPANY, THE
11800 FRANKLIN AVENUE
FRANKLIN PARK, IL 60131-1006

F

CAGE code: 24929

2/

FEDERAL EQUIPMENT COMPANY
707 CARR ST
CINCINNATI, OH 45203-1211

F E C

6 0 5 8 7

CAGE code: 60587

1/

FEDERAL MANUFACTURING CORP.
9825 DE SOTO AVENUE
CHATSWORTH, CA 91311-1441

F M C

CAGE code: 17943

2/

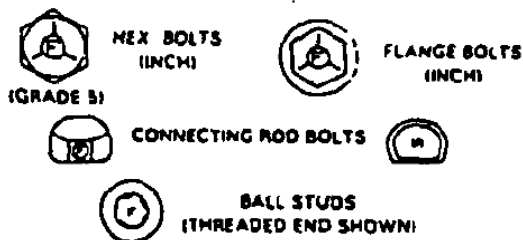
1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

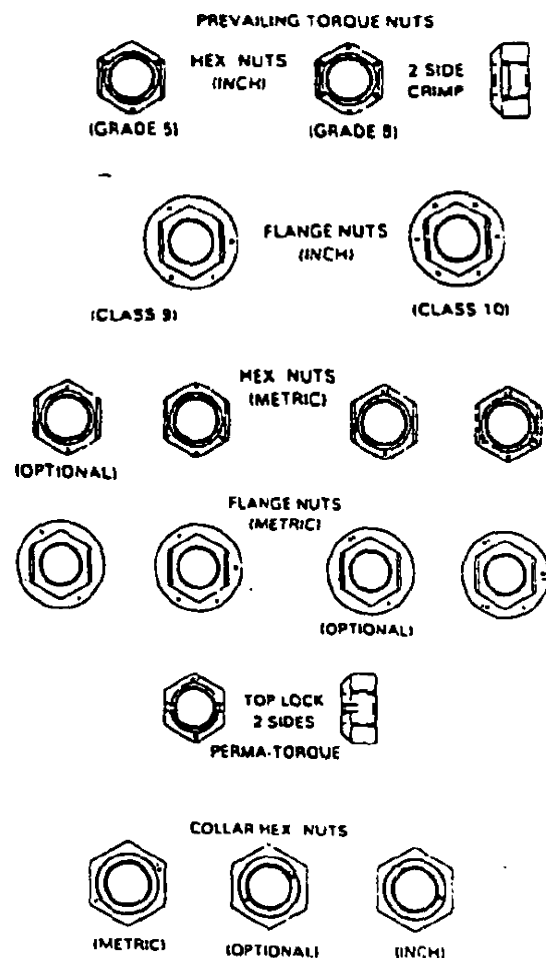
MIL-HDBK-57E (IS)

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

2/

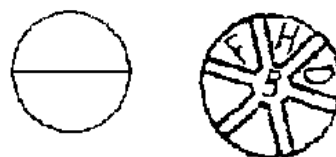
FENBAR PRECISION MACHINISTS, INC
633 COMMERCE STREET
THORNWOOD, NY 10594-1348



CAGE code: IP472

1/

FENTON HEADING
2480 OWEN RD.
FENTON, MI 48430



CAGE code:

1/

FERNDAL FASTENER
31600 STEPHENSON HIGHWAY
MADISON HEIGHTS, MI 48071



CAGE code:

2/

FERRIERE DI STABIO, S.A.
VIA AL MULINO
STABIO, SWITZERLAND CH-6855



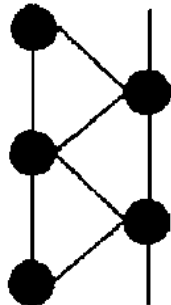
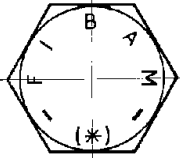


CAGE code:

2/

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>FERRY CAP & SET SCREW CO., THE 2151 SCRANTON RD. CLEVELAND, OH 44113-3578</p> <p>FC · F-C BPG</p> <p>CAGE code: 84513 <u>2/</u></p> | <p>FISCHER SPECIAL MFG. CO. 11 INDUSTRIAL RD. COLD SPRING, KY 41076-9796</p>  <p>CAGE code: 73743 <u>2/</u></p> |
| <p>FIBAM COMPANHIA INDUSTRIAL SAO BERNARDO DO CAMPO P.O. BOX 360 SAO PAULO, BRAZIL C.E.P.0 09701.907</p>  <p>CAGE code: <u>1/</u></p> | <p>FITZ MANUFACTURING INDUSTRIES LTD DBA FMI 6625 IRON HORSE BLVD. NORTH RICHLAND HILL, TX 76180</p> <p>05DT8 </p> <p>CAGE code: 05DT8 <u>1/</u></p> |
| <p>FILETAGE INTERNATIONAL (INTERNATIONAL THREAD INC.) 2225 RUE MICHLIN LAVAL, QUE, CANADA H7L9Z7</p>  <p>CAGE code: <u>2/</u></p> | <p>FLAIG & HOMMEL HEERSTRASSE 1 ALDINGEN, GERMANY 78554</p> <p>FS Company logo to be stamped and used on all steel reusable FLAG & HOMMEL lock nuts.</p> <p>FH Company logo to be stamped on all none reusable (standard) nuts.</p> <p>CAGE code: C3816 <u>2/</u></p> |
| <p>FIRST AMERICAN SALES CO. 2706 ST. LOUIS AVE. LONG BEACH, CA 90806-2026</p> <p>1st</p> <p>CAGE code: 58251 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

FLEXALLOY INC.
26000 RICHMOND ROAD
BEDFORD, OH 44146



GRADE 5
HEX HEAD
CAP SCREW



GRADE 8
HEX HEAD
CAP SCREW



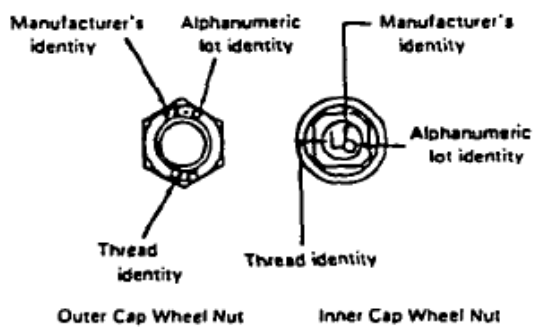
FX-180 HEX HEAD
CAP SCREW
(180,000 PSI
MINIMUM TENSILE
STRENGTH)



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



METRIC CAP SCREW,
PROPERTY CLASS 10.9



WHEEL NUTS



HEX FLANGE SCREW GRADE 8

CAGE code: 0C9A2

2/

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



CAGE code: 0V616

1/

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



CAGE code: 58525

2/

FLUIDYNE CORPORATION
9100 COLLINS AVE.
PENNSAUKEN, NJ 08110



CAGE code: 9Y957

1/

FOLSOM TOOL & MOLD CORP.
12 MOUNT PLEASANT DR.
ASTON, PA 19014-4140



CAGE code: 6P049

2/

FONTAL CONTROLS, INC.
12725 ENCINITAS AVENUE
SYLMAR, CA 91342-3517



CAGE code: 0GNC3

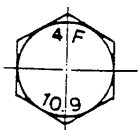
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1/ Information published in this revision was verified by direct contact with manufacturers.

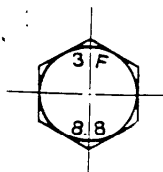
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

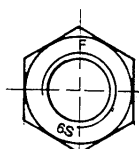
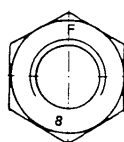
FONTANA S.A.
FONTANA LUIGI SPA
VIA PIAVE 29
VEDUGGIO MILANO,
ITALY 20050



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

2/

FOREMOST PRECISION INSTRUMENT
CORP.
31 CARLETON AVE
MT VERNON, NY 10550-4617

FPIC

CAGE code: 33464

2/

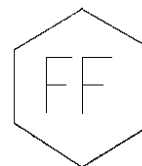
FOREST FASTENERS
TREForest INDUSTRIAL ESTATE
PONTYPRIDD, MID. GLAMORGAN,
SOUTH WALES, GREAT BRITAIN
CF37 5YG



CAGE code:

2/

FORMED FASTENER MANUFACTURING,
INC.
7247 S. 78TH AVE
BRIDGEVIEW, IL 60455



CAGE code:

2/

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

FPA

CAGE code: 0J6Z1

2/

FRANROE PRECISION MACHINE
COMPANY
12 CHAMPION RD
GLOUCESTER CITY, NJ 08030

F.R.

F.R.P

CAGE code: 40650

2/

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MIL-HDBK-57E (IS)

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

F

CAGE code: 84596

1/

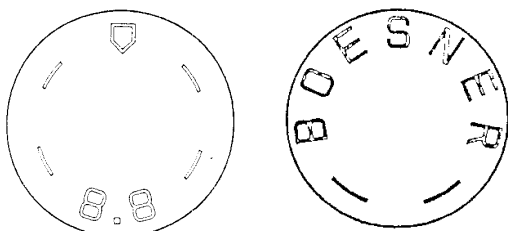
FRONTIER BOLT COMPANY OF TEXAS
555 AIRPORT DRIVE
MANSFIELD, TX 76063-2715



CAGE code: 1CE65

2/

FRIEDR BOESNER GMBH
AUGUSTHENALER STRABE
5450 NEUWIED 13
GERMANY



CAGE code:

2/

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

was FRISBY AIRBORNE HYDROLICS, INC

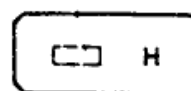
FAH

CAGE code: 26437

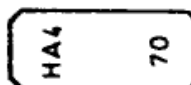
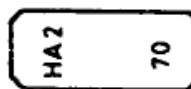
2/

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:

1/

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>G & R SCREW MACHINE PRODUCTS 21602 N. CENTRAL AVE. SUITE 5 PHOENIX, AZ 85024</p> <p>G & R</p> <p>CAGE code: 7Y137 <u>2/</u></p> | <p>GAITHER PATRICIA DBA GAITHER MACHINE 201 PILGRIM LANE P. O. BOX 202 MUNFORD, AL 36268-4212</p> <p>GMF</p> <p>CAGE code: 1BTX4 <u>2/</u></p> |
| <p>G & S MACHINE INC. 2804 RENEE DRIVE BEDFORD, TX 76021-5208</p> <p>G-S</p> <p>CAGE code: 62925 <u>2/</u></p> | <p>GALAN PRECISION MACHINE CO. 8912 LANKERSHIM BLVD. SUN VALLEY, CA 91352</p> <p>G GPM</p> <p>CAGE code: 0S1P8 <u>2/</u></p> |
| <p>G. B. MACHINE PRECISION, INC. 4140C AUSTIN BLVD ISLAND PARK, NY 11558-1727</p> <p>G.B.M</p> <p>CAGE code: 03KF3 <u>2/</u></p> | <p>GALMAC MFG CO. 565 COVINA BOULEVARD SAN DIMAS, CA 91773-2911</p> <p></p> <p>CAGE code: 4V765 <u>2/</u></p> |
| <p>G.B. DUPONT CO., INC 500 WEST LONG LAKE ROAD TROY, MI 48098</p> <p>D</p> <p>CAGE code: <u>2/</u></p> | <p>GARCIA INDUSTRIES, INC. 12345 FLORENCE AVENUE SANTA FE SPRING, CA 90670-3807</p> <p></p> <p>CAGE code: 1RYN7 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>GARDINER MFG. CO. P.O. BOX 1499 OAKLAND, CA 94604</p> <p></p> <p>CAGE code: 24042 <u>2/</u></p> | <p>GENERAL MACHINE PRODUCTS, INC. 3525 VICKERY BLVD FORT WORTH, TX 76105</p> <p> </p> <p>CAGE code: <u>2/</u></p> |
| <p>GATES ALBERT, INC. 3434 UNION ST. NORTH CHILI, NY 14514-9731</p> <p>GAI</p> <p>CAGE code: 4ZBMI <u>1/</u></p> | <p>GENERAL SCREW & SPECIALTY CO., INC. 14 N. BLEEKER ST. MT VERNON, NY 10550</p> <p>GS</p> <p>CAGE code: 26300 <u>2/</u></p> |
| <p>GATEWAY SCREW AND RIVET, INC. 2670 UNINTED LANE ELK GROVE VILLIAGE, IL 60007</p> <p>G</p> <p>CAGE code: <u>2/</u></p> | <p>GERMAN MACHINED PRODUCTS, INC. 1208 S. HOOVER ST. GARDENA, CA 90247-1771</p> <p></p> <p>CAGE code: 65813 <u>2/</u></p> |
| <p>GEN FAST MANUFACTURING COMPANY 225 HENRY STREET, BLDG. 5 BRANTFORD, ONTARIO CANADA N3T 6H2</p> <p></p> <p>CAGE code: <u>2/</u></p> | <p>GERTLER INDUSTRIES, INC. 914 W. 17TH STREET COSTA MESA, CA 92627-4403</p> <p>GII</p> <p>CAGE code: 64445 <u>2/</u></p> |
| <p>GENERAL AVIATION MFG., INC. 2693 PHILMONT AVE HUNTINGDON VALLEY, PA 19006-5301</p> <p>4J952</p> <p>CAGE code: 4J952 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

GFD LETAGE
ZONE INDUSTRIELLE
BP 63
BOURGNE
FRANCE 90140

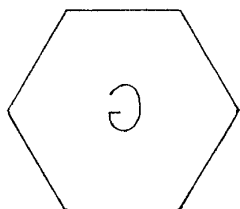
Plant
15. IMPASSE G. THIVOLLET
P.O. BOX 26
42011 SAINT ETIENNE CEDEX 2
FRANCE



CAGE code: F1471

2/

GILL MACHINE & TOOL CO.
200 PRAIRIE STREET
ROCKFORD, IL 61107



CAGE code: 0H8Y5

2/

GL CNC SERVICE INC.
9860 OWENSMOUTH AVE #3
CHATSWORTH, CA 91311-3852



CAGE code: 1DUA6

1/

GMJ MACHINE COMPANY, INC.
251 STATE LINE RD S
WILMER, AL 36587-7051



CAGE code: 8T119

2/

GMP CO. CORPORATION
529 8TH AVE.
BETHLEHEM, PA 18018-5008



CAGE code: 51867

2/

GOSHO WORKS, LTD.
3-8-1 TARU-MACHI
KOHOKU, YOKOHAMA
222 JAPAN






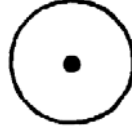
CAGE code:

2/

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MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>GRACO INDUSTRIES, INC. 44605 MACOMB INDUSTRIAL DRIVE CLINTON TOWNSHIP, MI 48096-1148</p>  <p>CAGE code: 1GT22 1/</p> | <p>GRAUCH ENTERPRISES RR 1 BOX 37 1878 PORT MATILDA HWY PHILLIPSBURG, PA 16866-3128</p>  <p>CAGE code: 1HU38 1/</p> |
| <p>GRADON SCREW MACHINE CORP. P. O. BOX 1080 1411 EAST ST. NEW BRITIAN, CT 06050-1080</p>  <p>CAGE code: 69870 2/</p> | <p>GREATER MARYLAND TOOL & MFG., CORP. 5 RESOURCE AVE MOUNTAIN LAKE PARK, MD 21550-6362</p> <p style="text-align: center; font-size: 2em;">GMT</p> <p>CAGE code: 34549 1/</p> |
| <p>GRANDUER FASTENERS, INC. 18798 E. HWY 10 DANVILLE, AR 72833-0658</p> <p style="text-align: center; font-size: 3em;">GF</p> <p>CAGE code: 3U752 1/</p> | <p>GREEN BAY DROP FORGE DIV. OF CLEVELAND HARDWARE & FORGING 1341 S. STATE ST. P.O. BOX 11797 GREEN BAY, WI 54307-1797</p> <p>See CLEVELAND HARDWARE & FORGING</p>  <p><i>Circle with center dot</i></p> <p>CAGE code: 08277 2/</p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

GREENFIELD MANUFACTURING CO., INC.
920 LEVICK STREET
PHILADELPHIA, PA 19111-5422

GFM

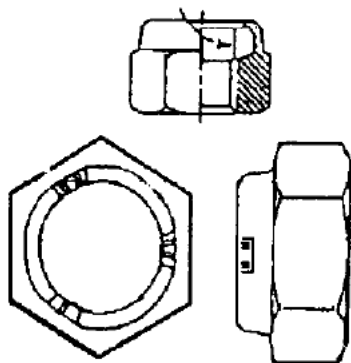
CAGE code: 98320

2/

GREER STOP NUT
481 MCNALLY DRIVE
NASHVILLE, TN 37211-3311

G S L
G

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

1/

GRIPCO, DIVISION OF BLACK & DECKER
111 E. BROAD ST.
SOUTH WHITLEY, IN 46787

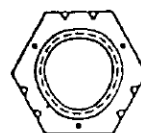
GN

*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*

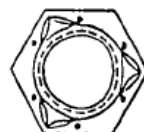
GF



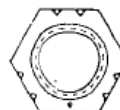
GN



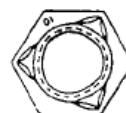
*Twin Delta
Crownlock grade
B inch locknut*



*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

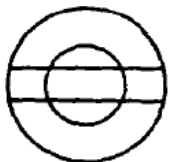
2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

GROOV-PIN CORPORATION
331 FARNUM PIKE
SMITHFIELD, RI 02917-1205



G-P

CAGE code: 73957

2/

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:

2/

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

1/

GSF FASTENING (Armstrong Fastening Ltd.)
MIDLAND ROAD
DARLASTON
WEDNESBURY, WEST MIDLANDS WS10 8JN
GREAT BRITAIN









CAGE code:

2/

^{1/} Information published in this revision was verified by direct contact with manufacturers.

^{2/} Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

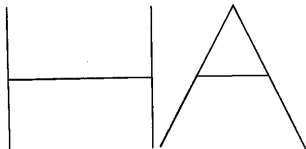





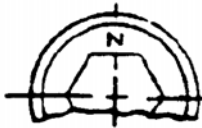
MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>GUARDIAN RIVET & FASTENER Guardian Mfg. Division 70 AIR PARK DRIVE RONKONKOMA, NY 11779</p> <p>Plant 201 TRADE ZONE DRIVE RONKONKOMA, NY 11779</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; font-size: 24px;">G</div> <div style="border: 1px solid black; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; font-size: 24px;">G</div> </div> <p>CAGE code: 2/</p> | <p>H. MULLINS, LTD. (BADE INDUSTRIAL ESTATE) JARROW TYNE AND WEAR CO DURHAM, UNITED KINGDOM NE32 3EX</p> <div style="text-align: center; font-size: 48px; font-weight: bold;">HM</div> <p>CAGE code: 2/</p> |
| <p>GUNNISON-INTERNATIONAL INC. 861 GIBBSBORO ROAD CLEMENTON, NJ 08021-1207</p> <div style="text-align: center; font-size: 48px; font-weight: bold;">GTT</div> <p>CAGE code: 4G922 2/</p> | <p>H. PAULIN & CO. LTD. (CAPITAL METAL INDUSTRIES DIVISION) 55 MILNE AVE. SCARBOROUGH, ONTARIO CANADA MIL 4N3</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><i>Hex head cap screws</i></p> </div> <div style="text-align: center;">  <p><i>Metric standard hex head cap screws</i></p> </div> </div> <p>CAGE code: 95119 2/</p> |
| <p>H C MERCHANDISERS INC. DBA H C PACIFIC 19844 QUIROZ CT WALNUT, CA 91789-2828</p> <div style="text-align: center; font-size: 48px; font-weight: bold;">HC HCP</div> <p>CAGE code: 53037 2/</p> | <p>H. PRINZ GmbH FABRIK FUR VERBINDUNGSELEMENTE 5970 PLETTENBERG POSTBOX 5241 GERMANY</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">     </div> <p>CAGE code: 2/</p> |
| <p>H C PACIFIC 19844 QUIROZ CT WALNUT, CA 91789 - 2828</p> <div style="text-align: center; font-size: 48px; font-weight: bold;">HC HCP</div> <p>CAGE code: 53037 2/</p> | |

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>HABINA ENGINEERING 4740 COTTON BELT SAN ANTONIO, TX 78219-2854</p>  <p>CAGE code: 1SZT7 1/</p> | <p>HAMANAKA (THAILAND). CO., LTD. NO. 550 Moo6 TAIBAN ROAD AMPHUR MUANG, SAMUTPRAKARN, THAILAND</p>  <p>Plant HAMANAKA NUT MFG. CO., LTD KO-770 SHIRAHANA-CHO, HIMEJI-SHI HYOGO, JAPAN</p>  <p>CAGE code: 5Z615 1/</p> |
| <p>HALL INDUSTRIES INC. (FORMERLY STANDARD TOOL & MACHINE COMPANY) 514 MECKLEM LANE ELLWOOD CITY, PA 16117-3028</p>  <p>CAGE code: 29281 1/</p> | <p>HANDI GADETS CORP. P.O. BOX 0938 LA CROSSE, WI 54603</p> <p>Plant 1230 CLINTON ST. LA CROSSE, WI 54603</p>  <p>CAGE code: 1M893 1/</p> |
| <p>HALLSIMS INDUSTRIAL COMPONENTS, INC. 37 TERRY DR. TREVISOE, PA 19053</p>  <p>CAGE code: 8V986 2/</p> | <p>HANSAN SCREW CO., LTD. EXPORTING DEPARTMENT 974-7 YANG DUK-DONG MASAN 610-00 KOREA</p>  <p>CAGE code: 2/</p> |

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MIL-HDBK-57E (IS)

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



CAGE code: 07679

1/

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



CAGE code: 5B735

2/

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



CAGE code: 66861

2/

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

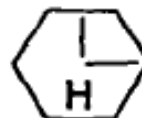
HDI

CAGE code: 1VQQ8

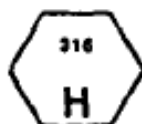
2/

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

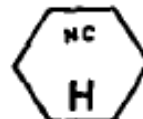
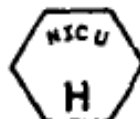
Plant
300 THIRD AVENUE
HUNTINGTON, WV 25701



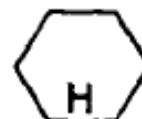
300 Series Stainless Steel



Type 316 Stainless Steel



Nickel Copper (Monel)



Silicon Bronze

CAGE code:

2/

HASSALL, JOHN, INC.
609-1 CANTIAGUE ROCK RD
WESTBURY, NY 11590-1721

H


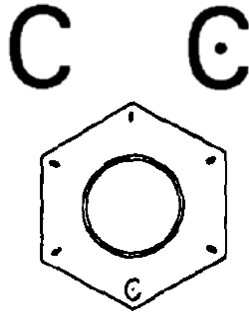

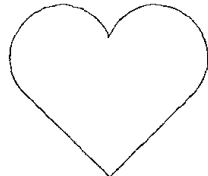

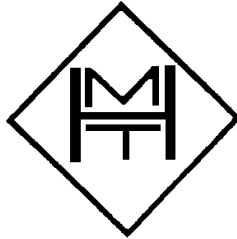
CAGE code: 82224

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.


MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>HATCH INDUSTRIES 17000 S WSTN AVE STE 22 GARDENA, CA 90247-5262</p>  <p>CAGE code: 03AJ8 <u>2/</u></p> | <p>HAZE SEIKO CO., LTD. KO 402 SHIRAHAMA- CHO HIMEJI-SHI, HYOUGO-KEN, JAPAN 672</p>  <p>CAGE code: <u>2/</u></p> |
| <p>HAWTHORNE BOLT WORKS P.O. BOX 474 VALLEY CITY, OH 44280</p> <p>Plant 355 A LAKE RD. MEDINA, OH 44256</p>  <p>CAGE code: 4TU98 <u>1/</u></p> | <p>HEARTLAND PRECISION FASTENER 301 PRAIRIE VILLAGE DR NEW CENTURY, KS 66031-1121</p>  <p>CAGE code: 0ZC92 <u>1/</u></p> |
| <p>HAYDON BOLTS, INC. 1181 UNITY ST PHILADELPHIA, PA 19124-3104</p>  <p>CAGE code: 2S013 <u>2/</u></p> | <p>HEIM'S MACHINE & TOOL, INC. 36 EVERGREEN ROAD LEBANON, PA 17042</p>  <p>CAGE code: 0B117 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>HEITCO MANUFACTURING, INC. 60 TUTTLE ROAD MIDDLETOWN, CT 06457</p> <p>HTC</p> <p>CAGE code: <u>2/</u></p> | <p>HEWINS, EDMOND, C. JR. DBA JET MACHINE WORKS COMPANY 4519C WAYNE AVE PHILADELPHIA, PA 19144</p> <p>J</p> <p>CAGE code: 37KP5 <u>1/</u></p> |
| <p>HEMCO TOOL INC. 7 SOUTH MAPLE ST. P.O. BOX 326 WESTFIELD, MA 01085-4338</p> <p>H</p> <p>CAGE code: 5R108 <u>2/</u></p> | <p>HEXAGON ENTERPRISES, INC. 256 MINNESOTA AVENUE TROY, MI 48083</p> <p>H</p> <p>CAGE code: <u>2/</u></p> |
| <p>HENWAY, INC. 1314 GOODRICK DRIVE P.O. BOX 1276 TEHACHAPI, CA 93561</p> <p>HP </p> <p>CAGE code: 0X6T3 <u>2/</u></p> | <p>HI INDUSTRIAL TECHNOLOGIES 241 WOODLAND AVE MORTON, PA 19070</p> <p>HI</p> <p>CAGE code: 0SS65 <u>2/</u></p> |
| <p>HEPTNER MFG CO. RIVER ROAD BLDG. PP-1 JAY-CEE INDUSTRIAL PARK BRISTOL, PA 19007 - 6103</p> <p>7</p> <p>CAGE code: 05BZ4 <u>1/</u></p> | <p>HIGH QUALITY MACHINE SHOP 2775 WALSH ROAD SAN ANTONIO, TX 78224</p> <p>HQ</p> <p>CAGE code: 0B011 <u>2/</u></p> |
| <p>HESSISCHE SCHRAUBENFABRIK WELTER GmbH & CO., KG STEPHAN-NIDEREHE-STR. 6 P. O. BOX 13 40 MARBURG, GERMANY 35037</p> <p>HS</p> <p>CAGE code: D5396 <u>2/</u></p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

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

HTE.

CAGE code: 0TSH2

2/

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

HP

CAGE code: 0AKM4

2/

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

HT

CAGE code: 1DT7C

2/

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

HILL
1

CAGE code: 55064

2/

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

HF H

CAGE code: 4R119

1/

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

HS

CAGE code: 7M611

1/

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MIL-HDBK-57E (IS)

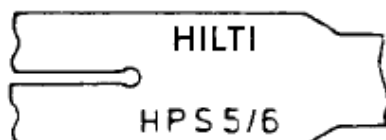
HILTI, INC.
5400 S. 122ND E. AVE
TULSA, OK 74121-6007

DX DIVISION



ANCHOR DIVISION

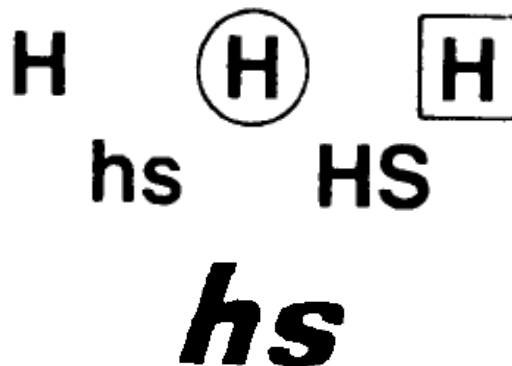
HILTI
HEA M24 x 210
HILTI
HEA 3/4" x 6-5/8"



CAGE code: 11239

2/

HI-SHEAR CORP.
DBA FOREIGN PARENT IS LISI PARIS
FRANCE
See listing for LISI
2600 SKYPARK DRIVE
TORRANCE, CA 90505



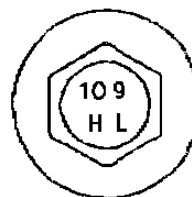
Plant
TORONTO FASTENERS
INDUSTRIES, INC.
Subsidiary of Hi-Shear Corp., USA
19 CONSTELLATION COURT
REXDALE, ONTARIO M9W 1K4,
CANADA



CAGE code: 73197

1/

HLC INDUSTRIES INC.
6281 EMERALD LAKE DR
FARMINGTON HILLS, MI 48098



CAGE code: 0SC87

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

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.

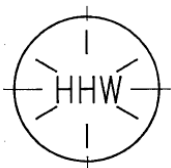
M
M
M

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

CAGE code: 1UYL6

2/

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



CAGE code:

1/

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

1/

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

H

CAGE code: 7T729

2/

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

HK

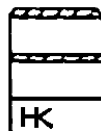
*On some socket
screw products*



*1960 series cap
screws - old
design*



*1960 series cap
screws - present
design*



Metric socket cap



CAGE code: 74445

2/

HORSPOL & ROMINE MANUFACTURING
CO., INC.
5850 MARSHALL STREET
OAKLAND, CA 94608-2696

HR

HR

CAGE code: 95723

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

HORST ENGINEERING &
MANUFACTURING CO.
P.O. BOX 280066
EAST HARTFORD, CT 06108-2003

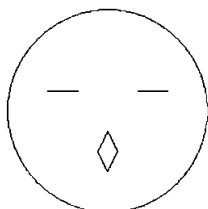
Plant
36 CEDAR ST
EAST HARTFORD, CT 06108

HEM
HE HE

CAGE code: 05812

1/

HOUSTON FASTENER
(DIVISION OF WESTBROOK MFG)
1202 KRESS STREET
P.O. BOX 15614
HOUSTON, TX 77020



CAGE code: 0YN70

2/

HOUSTON PRECISION FASTENERS
10018 TANNER ROAD
HOUSTON, TX 77041

HPF

CAGE code: 1VSL7

1/

HOWARD TOOL CO., INC.
547 ODLIN ROAD
BANGOR, ME 04401-6707

HT

CAGE code: 044B0

2/

HOWE MACHINE AND TOOL CORP.
236 PARK AVE.
BETHPAGE, NY 11714-3709



CAGE code: 65777

1/

HOWELL PRECISION, INC.
6 BROWN DRIVE
MOUND HOUSE, NV 89706-7744

HP

CAGE code: 6Y774

1/

HOWIE MANUFACTURING CO., INC.
P.O. BOX 426
COLLINGSWOOD, NJ 08108

Plant
1227 MECHANIC ST.
CAMDEN, NJ 08104-1221

hmc

CAGE code: 9V802

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

HUCK AEROSPACE PRODUCTS
AFS CARSON OPERATIONS
900 WATSON CENTER ROAD
CARSON, CA 90745-4201
CAGE code: 17446



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



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



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

H

(Corporate office see ALCOA FASTENING
SYSTEMS)

CAGE code: 17446, 1G6U6, 9K475,
F6167

1/

HUGGINS MFG.
4314 GARLAND DR.
FORT WORTH, TX 76117

H

CAGE code: 0TCV6

2/

HUGO DURHOLT GMBH & CO. KG
SCHRAUBENDREH-UND PREBWERK
POSTFACH 16-80
D-5632 WERMELSKIRCHEN
GERMANY



CAGE code:

1/

HUNT VALVE COMPANY, INC.
DBA WAECO VALVE DIVISION
1913 EAST STATE STREET
SALEM, OH 44460



CAGE code: 11859

2/

HUNTER STEVENS COMPANY
4003 FLEETWOOD AVE.
FRANKLIN PARK, IL 60131

HSC

CAGE code: 48093

2/

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

HVI




CAGE code: 9S754

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

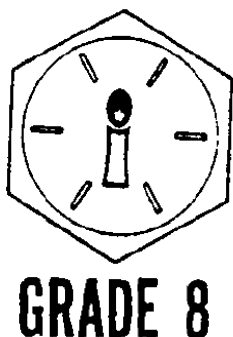
| | |
|--|---|
| <p>HURON AUTOMATIC SCREW CO. P.O. BOX 610068 4914 GRATIOT RD PORT HURON, MI 48061-0068</p> <p>H</p> <p>CAGE code: 00905 <u>2/</u></p> | <p>I.G.D. MACHINE & TOOL LTD. 992 HUBREY ROAD LONDON, ONTARIO, CANADA N6N 1B5</p> <p></p> <p>CAGE code: <u>2/</u></p> |
| <p>HURRICANE MACHINE COMPANY, L.L.C. 2644 FREEWOOD DRIVE DALLAS, TX 75220</p> <p>9</p> <p>CAGE code: 1H7G3 <u>2/</u></p> | <p>IDEAL FASTENERS INC. 3850 E MIRALOMA AVE ANAHEIM, CA 92806</p> <p></p> <p>CAGE code: 6F810 <u>1/</u></p> |
| <p>HYDRO FITTING MFG. CORP. 733 E. EDNA PLACE P.O. BOX 1558 COVINA, CA 91722-1409</p> <p>HF</p> <p>CAGE code: 13899 <u>2/</u></p> | <p>IFASTGROUPE 2004 LP CANADA</p> <p>SEE LISTINGS FOR:</p> <p>INFASCO 700 OUELLETTE MARIEVILLE, QUEBEC CANADA J3M 1P6 CAGE code: 1C225</p> |
| <p>HYDROBOLT LIMITED GLOBAL SERVICE CENTRE, MONMORE BUSINESS PARK, DIXON STREET WOLVERHAMPTON, WV2 2EE. U. K.</p> <p> HB</p> <p>CAGE code: <u>1/</u></p> | <p>INFASCO NUT 3990 NASHUA DRIVE MISSISSAUGA, ONTARIO, CANADA L4VT 1P6 CAGE code: 06KL6</p> <p>INGERSOLL FASTENERS 390 THOMAS STREET INGERSOLL, ONTARIO CANADA N5C 3K3 CAGE code: 35571 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

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



CAGE code: 3A4R0

2/

INDIANA AIRCRAFT HARDWARE
221 SOUTH MAIN STREET
FORTVILLE, IN 46040-1514

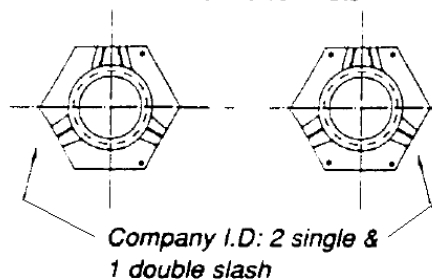
IAH

CAGE code: 5N319

1/

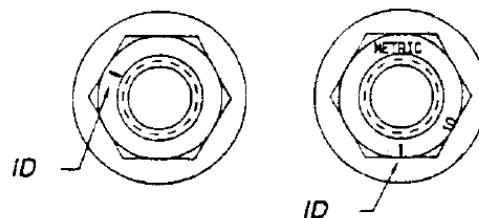
INDUSTRIAL & AUTOMOTIVE FASTENERS
(DIVISION OF KEY MANUFACTURING
GROUP, INC.)
3200 W. FOURTEEN MILE RD.
ROYAL OAK, MI 48073

Inch Conelock Nuts



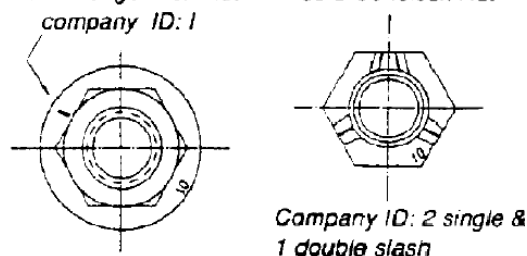
Inch Wheelnut

Metric Wheelnut

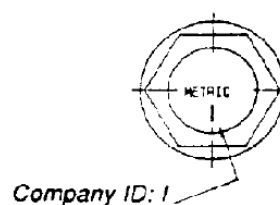


Metric Flange Hex Nut
company ID: 1

Metric Conelock Nut



Metric Capped Wheelnut



CAGE code:

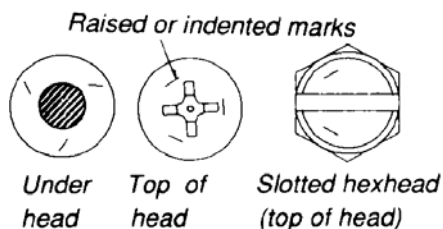
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MIL-HDBK-57E (IS)

INDUSTRIAL FASTENERS CORP.
7 HARBOR PARK DR
PORT WASHINGTON, NY 11050



CAGE code: 84992

2/

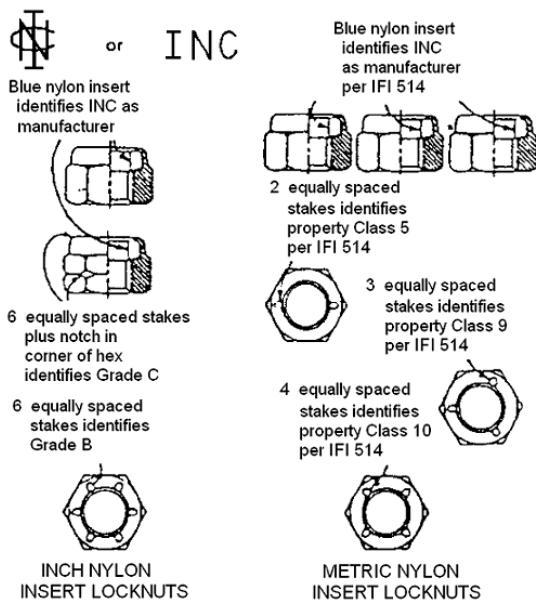
INDUSTRIAL FORGE, INC.
832 LANTANA RD
LAKE WORTH 33462 - 1509

IF

CAGE code: 0RY28

2/

INDUSTRIAL NUT CORP.
1425 TIFFIN AVE
SANDUSKY, OH 44870-2054

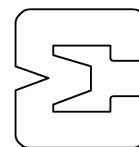


The blue insert is a trademark of Industrial Nut Corp. registered in the U.S. Patent & Trade Office.

CAGE code: 81198

1/

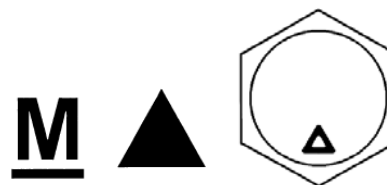
INDUX, S.A. DE C.V.
LAMINADORA 37
BELLAVISTA-TACUBAYA
MEXICO, D.F. 01140
MEXICO



CAGE code: SDK76

1/

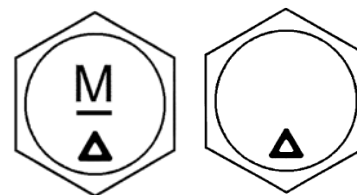
INFASCO
(see IFASTGROUPE 2004 LP)
700 OUELLETTE
MARIEVILLE, QUEBEC
CANADA
J3M 1P6



CAGE code: 1C225

1/

INFASCO NUT
(see IFASTGROUPE 2004 LP)
3990 NASHUA DRIVE
MISSISSAUGA, ONTARIO,
CANADA
L4VT 1PG8



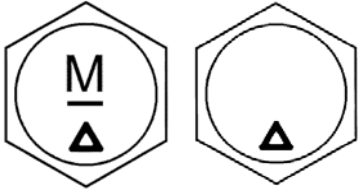
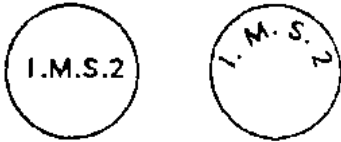

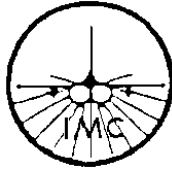




CAGE code: 06KL6

1/

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MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>INGERSOLL FASTENERS (see IFASTGROUPE 2004 LP) 390 THOMAS STREET INGERSOLL, ONTARIO CANADA N5C 3K3</p>  <p>CAGE code: 35571 1/</p> | <p>INSTRUMENT MACHINING SERVICE LTD. HOWLETT WAY, THETFORD, NORFOLK IP24 IHZ UNITED KINGDOM</p>  <p>CAGE code: 2/</p> |
| <p>INLAND MACHINE CO. 10762 EDISON CT. RANCHO CUCAMONGA, CA 91730-4845</p>  <p>CAGE code: 6W617 2/</p> | <p>INTERFLEX MFG. CORP. 144 TOLEDO ST FARMINGDALE, NY 75222-4429</p>  <p>CAGE code: 0LD24 2/</p> |
| <p>INOFAST MANUFACTURING INC. 1370 INDUSTRY RD. HATFIELD, PA 19440</p>  <p>CAGE code: 2T359 2/</p> | <p>INTERSTATE FITTINGS INC. 2200 SINGLETON BLVD. DALLAS, TX 75212</p>  <p>CAGE code: 1EHF9 2/</p> |
| <p>IN-SPECK CORP. 208 EAST PENN ST NORRISTOWN, PA 19401-1471</p>  <p>CAGE code: 32904 2/</p> | <p>IRVING MACHINE SERVICE, INC. 451 MAIN STREET P.O. BOX 94 IRVING, NY 14081</p>  <p>CAGE code: 2/</p> |

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MIL-HDBK-57E (IS)

IRWIN AUTOMATION, INC.
715 CLEVELAND STREET
GREENSBURG, PA 15601-1279

IRW

CAGE code: 7H803

1/

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



CAGE code: 40137

2/

ITT HARPER AEROSPACE FASTENER
OPERATIONS
(AEROSPACE CONTROLS DIVISION)
28150 INDUSTRY DRIVE
VALENCIA, CA 91355

AOL

CAGE code:

2/

ITW BUILDEX
1349 WEST BRYN MAWR AVE.
ITASCA, IL 60143

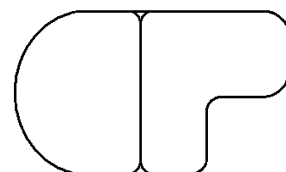
B_X

CAGE code:

2/

ITW CIP
2002 STEPHENSON HWY.
TROY, MI 48083

Plant
ITW CIP CA
11525 S. SHOEMAKER AVE.
SANTA FE SPRINGS, CA 90670



CAGE code: Applied for

1/

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MIL-HDBK-57E (IS)

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 1P6
CAGE code: 06KL6

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

CAGE code: 1C225

1/

J & M MACHINE INC.
1234 HIGH STREET
PAINESVILLE, OH 44077

1H423

CAGE code: 1H423

1/

J & S PRECISION PRODUCTS
16 EVESBORO RD.
MEDFORD, NJ 08055-9592

J — S

CAGE code: 8B865

2/

J. G. FASTENERS
9720 COZYCROFT AVE
CHATSWORTH, CA 91311-4423

JG

CAGE code: 0VWM9

2/

J. GEORG BIERBACH
WERDOHLER STRASSE 23
ALTENA, GERMANY D-5990

G E B I



CAGE code:

2/


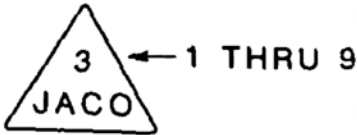


J.M. PRECISION, INC.
(FASTENER DIVISION)
9722 TOPANGA CANYON BLVD
CHATSWORTH, CA 913114015

JP

CAGE code: 0JV78

1/1/ Information published in this revision was verified by direct contact with manufacturers.2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.




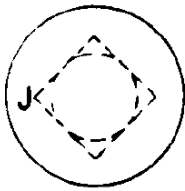


MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>J.P. PRODUCTS, INC. (DBA SPECIALITES, UNLIMITED) P.O. BOX 427 WILLOUGHBY, OH 44094</p> <p style="text-align: center;">S</p> <p>CAGE code: <u>2/</u></p> | <p>JAMES JACKSON DBA J J ENGINEERING 11021 VIA EL MERCADO LOS ALAMITOS, CA 90720-0281</p> <p style="text-align: center;"></p> <p>CAGE code: 0CEP4 <u>2/</u></p> |
| <p>JACOBSON MFG., LLC. 941-955 LAKE RD. MEDINA, OH 44256</p> <p style="text-align: center;">Plant JACOBSON MFG – TIFFIN, LLC. 1988 COUNTY ROAD #593 TIFFIN, OH 44883</p> <p style="text-align: center;">J</p> <p>CAGE code: 58UV4 <u>1/</u></p> | <p>JAMISON INDUSTRIES INC. 12669 DELTA ST TAYLOR, MI 48180-6835</p> <p style="text-align: center;">Jl</p> <p>CAGE code: 1Z781 <u>1/</u></p> |
| <p>JACO ENGINEERING, INC. 879 SO. EAST STREET ANAHEIM, CA 92805-5356</p> <p style="text-align: center;"></p> <p>CAGE code: IH427 <u>1/</u></p> | <p>JAY BEE MACHINE WORKS, INC. 400 PIKE RD. HUNTINGDON VALLEY, PA 19006-1610</p> <p style="text-align: center;">B</p> <p>CAGE code: 74954 <u>1/</u></p> |
| <p>JAM TECH CORP. P.O. BOX 327 ESSINGTON, PA 19029</p> <p style="text-align: center;">Plant 1260 East Woodland Avenue Springfield, PA 19064</p> <p style="text-align: center;">JT</p> <p>CAGE code: IEM35 <u>2/</u></p> | <p>JAY O MACHINE CO., INC. 7685 HUB PARKWAY VALLEY VIEW, OH 44125-5706</p> <p style="text-align: center;"></p> <p>CAGE code: 5Z832 <u>2/</u></p> |
| | <p>JAYCO ENGINEERING, INC. 1660 BABCOCK AVENUE COSTA MESA, CA 92627-4330</p> <p style="text-align: center;"></p> <p>CAGE code: 7J578 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

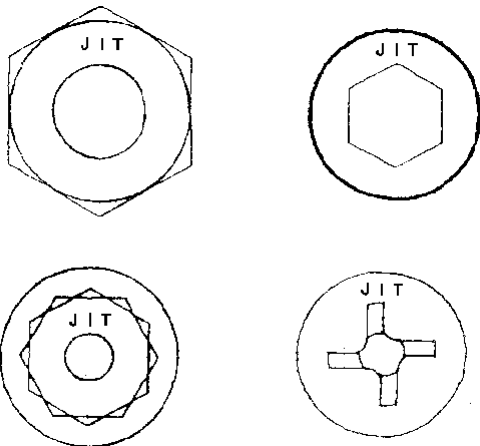
| | |
|--|---|
| <p>JERGENS INC. DBA JERGENS INDUSTRIAL SUPPLY 15700 S WATERLOO RD CLEVELAND, OH 44110-3814</p>  <p>CAGE code: 94882 <u>2/</u></p> | <p>JOLICO/J-B TOOL INC. 4325 E. 22 MILE ROAD UTICA, MI 48317-1507</p> <p>JOLICO</p> <p>CAGE code: 19549 <u>2/</u></p> |
| <p>JJ ENGINEERING (See JAMES JACKSON) 11021 VIA EL MERCADO LOS ALAMITOS, CA 90720-0281</p>  <p>CAGE code: 0CEP4 <u>2/</u></p> | <p>JOSLYN CORP. MACLEAN POWER SYSTEMS 11411 ADDISON STREET FRANKLIN, IL 60131-1130</p> <p>Plant 3700 SOUTH MORGAN STREET CHICAGO, IL 60609-1461</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Machine bolts</p> </div> <div style="text-align: center;">  <p>Carriage bolts</p> </div> </div> <p>CAGE code: 74999 <u>1/</u></p> |
| <p>JJ SCREW PRODUCTS, INC. 21519 PARTHENIA STREET CANOGA PARK, CA 91304</p>  <p>CAGE code: 75209 <u>2/</u></p> | <p>JUPITER WASHERS, INC. 10-01 37TH AVE. LONG ISLAND CITY, NY 11101-6014</p>  <p>CAGE code: 25900 <u>2/</u></p> |
| <p>JMT MACHINE COMPANY 9986 GANTRY ROAD PHILADELPHIA, PA 19115-1080</p> <p>2A832</p> <p>CAGE code: 2A832 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

JUST IN TIME, INC.
DBA APSCO
2538 WEST LN., SUITE 16
STOCKTON, CA 95205



CAGE code: 0FVD5

2/

K & K PRECISION ENTERPRISES
60 STEAM WHISTLE DRIVE
WARMINSTER, PA 18974

K + k

CAGE code: 1K6D9

2/

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



CAGE code: 1XRQ5

2/

K.D.K. UPSET FORGING CO.
2645 W. 139TH ST.
P.O. BOX 146
BLUE ISLAND, IL 60406-0146

KDK

CAGE code: 8P293

2/

KAMAX-WERKE RUDOLF KELLERMANN
GmbH & CO. KG
PETERSHUETTER ALLEE 29
OSTRODE, GERMANY 37520

KAMAX
KX

CAGE code: C5315

2/

KAMAX L. P. (FORMERLY G.B. DUPONT
CO., INC.)
500 WEST LONG LAKE ROAD
TROY, MI 48098-4540



CAGE code: 1DWW1

1/

KAMPWERK VIEREGGE U. PICKARDT
GMBH. & CO
P.O. BOX 5143
PLETTENBURG 5 G-5970



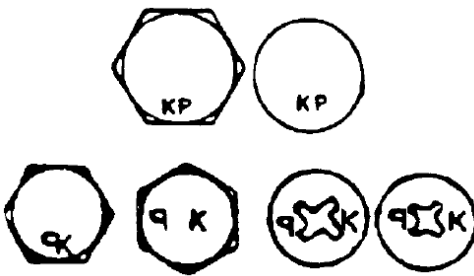
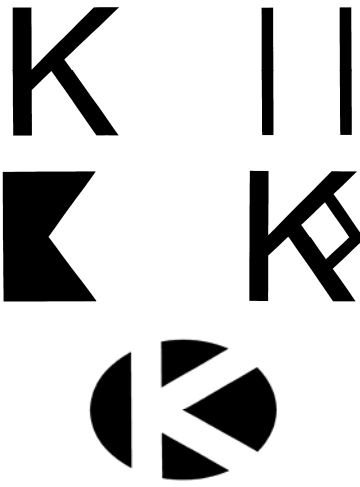
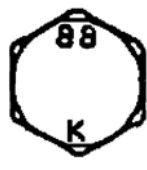

CAGE code:

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MIL-HDBK-57E (IS)

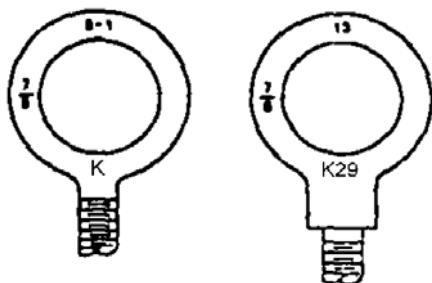
| | |
|---|---|
| <p>KAPCO INDUSTRIES, INC. 5660 KNOTT AVE BUENS PARK, CA 90621</p>  <p>CAGE code: 0BMF4 2/</p> | <p>KAYNAR PRODUCTS 800 S. STATE COLLEGE BLVD. FULLERTON, CA 92831</p> <p>(Corporate office see ALCOA FASTENING SYSTEMS)</p> <p>(Previously listed under MICRODOT INC.)</p>  <p>CAGE code: 15653 1/</p> |
| <p>KATSURAGAWA MACHINE SCREW CO., LTD. 3-24-1 YAGUCHI OHTA-KU TOKYO 146 JAPAN</p> <p>Plant 366-1, KOGOSYO KAKEGAWA-SHI SHIZUOKA-KEN 436 JAPAN</p>  <p>CAGE code: 2/</p> | <p>KELLER ENGINEERING 136 W. 157TH STREET GARDENA, CA 90248-2226</p> <p style="text-align: center;">KE</p> <p>CAGE code: 4W941 2/</p> |
| <p>KAYGOR, INC. 1243 TRANSIT STREET P.O. BOX 2950 POMONA, CA 91769-2950</p> <p style="text-align: center;">K</p> <p>CAGE code: 4H229 2/</p> | <p>KELOX/MICRODOT PRODUCTS AFS TORRANCE OPERATIONS 3020 WEST LOMITA BLVD. TORRANCE, CA 90505-5103</p> <p>(Corporate office see ALCOA FASTENING SYSTEMS)</p>  <p>CAGE code: 75237 1/</p> |

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MIL-HDBK-57E (IS)

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



CAGE code: 1GMT9

1/

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

see MAUI MEGA



CAGE code: 0M4F0

2/

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

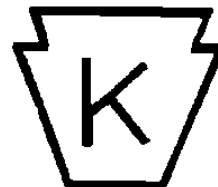


CAGE code: 7P576

1/

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

1/

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



CAGE code: 7Y516

2/

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



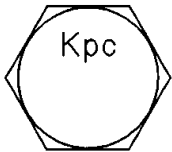
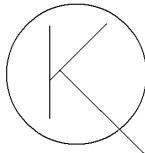
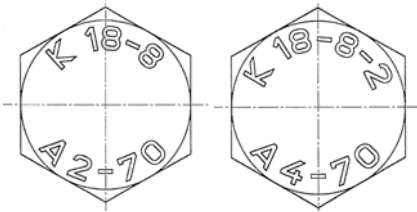
CAGE code: 8H824

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

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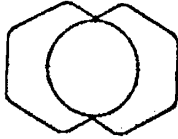
MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>KIRSTEN PIPE CO. INC. 1807 NW DOCK PL P.O. BOX 70526 SEATTLE, WA 98127-0526</p>  <p>CAGE code: 5E704 2/</p> | <p>KNOCH MANUFACTURING CO. LTD. 1054 SHAW RD DORCHESTER, CANADA N0L 1G4</p>  <p>CAGE code: 1C763 2/</p> |
| <p>K.L.M. MACHINE INC. 711 COLONIA LANE EAST NOKOMIS, FL 34275</p> <p>KLM</p> <p>CAGE code: 4NDJ6</p> | <p>KO AMS MACHINE PRODUCTS DBA KOAM MACHINE 915 BROOKS ST UNIT 102 ONTARIO, CA 91762-3603</p> <p>KO</p> <p>CAGE code: 0K7E0 2/</p> |
| <p>KLINCHER LOCKNUT CORP. 2030 N. OXFORD ST. P.O. BOX 18100 INDIANAPOLIS, IN 46218</p> <p>KL</p> <p>CAGE code: 2/</p> | <p>KOBE FASTENER LIMITED 654 HISBIE HIGASBI OSAKA, 577 JAPAN</p> <p><i>α</i></p> <p>CAGE code: 2/</p> |
| <p>KNIPPING-DORN GmbH KALTUMFORMTECHNIK 4690 HERNE 1 POSTFACH 1229 GERMANY</p> <p><i>D O R N</i></p> <p>In connection with the identification mark of property class 3.6 up to and including 12.9</p> <p>CAGE code: 2/</p> | <p>KOLB GMBH & CO. HERSTELLER VON VERBINDUNGSELEMENTEN RATHENAU STRASSE 23 POSTFACH 24 02 53 WUPPERTAL GERMANY 42277</p>  <p>CAGE code: D0472 2/</p> |

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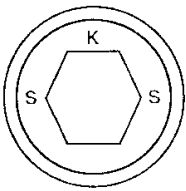
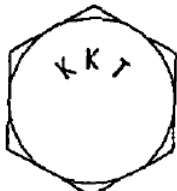
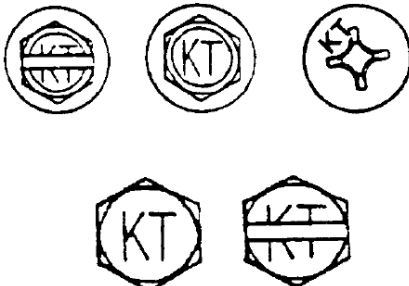

MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>KONDOR TECHNOLOGIES, INC. 206 CHRISTOPHER ST RONKONKOMA, NY 11779-6921</p> <p>KTi</p> <p>CAGE code: 06ZB0 <u>2/</u></p> | <p>KORODY COLYER CORP. A CR INDUSTRIES COMPANY 5412 MCFADDEN AVE. HUNTINGTON BEACH, CA 92649</p> <p>K</p> <p>CAGE code: 18954 <u>2/</u></p> |
| <p>KONGO BYORA CO., LTD. 2-1-27 SHITENNOJI TENNOJI-KU OSAKA 543 JAPAN</p> <p>Plant 3-31 NAGATA-NISHI HIGASHIOSAKA-SHI, OSAKA 577 JAPAN</p>  <p>CAGE code: <u>2/</u></p> | <p>KOZAK, E. PERCISION PRODUCTS CO. 45 WOODLAND AVE. ROCKAWAY, NJ 07866</p> <p>KPP</p> <p>CAGE code: 1CP43 <u>2/</u></p> |
| <p>KOREA BOLT IND., CO., LTD. (FOREIGN TRADE DEPARTMENT) 620-34 GURO-DONG, GURO-KU SEOUL, KOREA</p> <p>Plant 732-3 WONSI-DONG, ANSAN-CITY GYUNGGI-DO, KOREA</p>  <p>CAGE code: <u>2/</u></p> | <p>KPF 601 YOUNGTAN-DONG, CHUNGJU-CITY CHUNGCHONGBUK-DO 380-250, KOREA</p>  <p>CAGE code: <u>1/</u></p> <p>KREIS TOOL & MFG., CO., INC. 1615 CAMBRIDGE DR ELGIN, IL 60123 - 3114</p> <p>KTM</p> <p>CAGE code: 64592 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>KROBACH MANUFACTURING CORP. 3504 ARDEN RD. HAYWARD, CA 94545-5390</p>  <p>CAGE code: 30828 <u>1/</u></p> | <p>KYOEI SEISAKUSHO CO., LTD. 4-5-11 NUNOICHI-CHO HIGASHIOSAKA-SHI, OSAKA 579 JAPAN</p> <p>Plant MINAMISHINOZAKI KAZSHI, SAILAMA-KEN 347 JAPAN</p>  <p>CAGE code: <u>2/</u></p> |
| <p>KSS SOCKET SCREW, INC. 3416 S. 48TH STREET SUITE #6 PHOENIX, AZ 85040</p>  <p>CAGE code: 0BMF5 <u>2/</u></p> | <p>KYOKUTO MFG CO LTD. 3-5-29 WAKAEHONMACHI HIGASHIOSAKA-SHI OSAKA 578 JAPAN</p> <p>Plant 1109-5 SHIBADE KURAMOCHI-CHO, NABARI-SHE, MIE-KEN 518-04 JAPAN</p>  <p>CAGE code: <u>2/</u></p> |
| <p>K-TECH MFG., INC. 288 HOLBROOK DRIVE WHEELING, IL 60090</p>  <p>CAGE code: <u>2/</u></p> | <p>L & C MANUFACTURING CO., INC. 8610 S. 33RD W. AVENUE TULSA, OK 74132-3403</p>  <p>CAGE code: 43813 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>L & H THREADED RODS CORP. DIV OF GRAY AMERICA CORP 3050 DRYDEN ROAD DAYTON, OH 45439</p> <p>L</p> <p>CAGE code: 0UH42 <u>2/</u></p> | <p>L H INDUSTRIES, INC. <i>TIP TOP TOOL CO.</i> 3513 NORTH 10th STREET PHILADELPHIA, PA 19140</p> <p>LH</p> <p>CAGE code: 0E7S8 <u>2/</u></p> |
| <p>L & J FASTENERS, INC. 3636 LACON ROAD HILLIARD, OH 43026-6122</p> <p></p> <p>CAGE code: 1W358 <u>2/</u></p> | <p>L N AEROSPACE, INC. 6011 TENSION DRIVE FORT WORTH, TX 76112-2693</p> <p>LNA</p> <p>CAGE code: 1EB45 <u>2/</u></p> |
| <p>L & M ENTERPRISES, INC. 1910 NORTHERN WICHITA, KS 67216-2429</p> <p>L & M</p> <p>CAGE code: 0HDM5 <u>2/</u></p> | <p>L P R PRECISION PARTS AND TOOL COMPANY, INC. 108 ROME STREET FARMINGDALE, NY 11735-2136</p> <p>L. P. R.</p> <p>CAGE code: 31583 <u>2/</u></p> |
| <p>L. A. MARTIN CO. 14400 HENN STREET DEARBORN, MI 48126-1850</p> <p>LAM</p> <p>CAGE code: 9S775 <u>1/</u></p> | <p>L R G CORPORATION 210 MAGEE AVE JEANNETTE, PA 15644-2136</p> <p>LRG</p> <p>CAGE code: 75783 <u>2/</u></p> |
| <p>L G MACHINE & MFG INC. 1276 W. ARKANSAS LANE ARLINGTON, TX 76013-6235</p> <p>LG</p> <p>CAGE code: 0P4S2 <u>1/</u></p> | |

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MIL-HDBK-57E (IS)

LAKE ERIE SDREW CORP.
13001 ATHENS AVE.
LAKEWOOD, OH 44107-6201

LE



ASTM A 307



ASTM A 449



SAE J429 GR 5.1



SAE J429 GR 2



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

1/

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

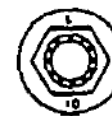


Grade G

Hex Flange – Imperial



Class 9



Class 10

Hex Flange – Metric



Hex Automation – Metric




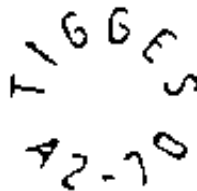

CAGE code:

2/

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>LANA INDUSTRIES 4404-D MCLEAN DRIVE HALTOM CITY FORT WORTH , TX 76117</p> <p>LI</p> <p>CAGE code: <u>2/</u></p> | <p>LANUM METAL PRODUCTS, INC. 4100 N. 16TH STREET PHILADELPHIA, PA 19140-3008</p> <p></p> <p>L.M.T.</p> <p>CAGE code: 0CY73 <u>2/</u></p> |
| <p>LANARKSHIRE BOLT LTD. BURNBANK HAMILTON, LANARSHIRE ML3 OQU SCOTLAND</p> <p>L B</p> <p></p> <p><i>Raised letters</i></p> <p>CAGE code: K3565 <u>2/</u></p> | <p>LBL PRODUCTS 5395 INDUSTRIAL DRIVE UNIT A HUNTINGTON BEACH, CA 92649-1516</p> <p></p> <p>CAGE code: 1HJ06 <u>2/</u></p> |
| <p>LAND-SEA-AIR MACHINED PRODUCTS, INC. P.O. BOX H FLEMING PIKE WINSLOW, NJ 08095</p> <p>L-S-A</p> <p>CAGE code: 8U768 <u>2/</u></p> | <p>LEBRECHT TIGGES GmbH & CO. KG P.O. BOX 12 04 85 W 5600 WUPPERTAL 12-CRONENBERG GERMANY</p> <p></p> <p>CAGE code: <u>2/</u></p> |
| <p>LANIS MACHINE & MFG., CO. 2506 S. COOPER #A-9 ARLINGTON, TX 76015-1608</p> <p></p> <p>CAGE code: 8V177 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

LELAND-POWELL FASTENERS, INC.
P.O. BOX 260
MARTIN, TN 38237

Plant
HIGHWAY 45 EAST SOUTH
MARTIN, TN 38237



CAGE code: 2/

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 2/

LENTERN (AIRCRAFT) LTD.
MAIN RD, HAWKWELL,
NR. HOCKLEY ESSEX SS5 4JJ
GREAT BRITIAN, UK

LAH **LH**

CAGE code: 2/

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 A384 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 2/

Continued

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

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 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 stylesHeavy head hex or regular configura-
tionsHeavy hex for
type C-3Regular or
heavy for DH3Manufacturer's symbol and the num-
ber 3 or DH3 on faceFor Grade C-3 three radial lines are
also requiredHeavy 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

2/

Continued

Continued
LEONARD JED CO MARYLAND BOLT AND
NUT CO DIVManufacturer's symbol and the 2H or
DH markingAlso can be supplied in regular config-
urationsSuitable for all Grade B and A325 or
A490 bolts

Nuts for bolt applications

ASTM A194 Grade 2H

ASTM A563 Grade DH

Also covers square nut configurations

Heavy or
regularManufacturer's symbol and three radial
lines

Heavy hex applications only

Nuts for bolt applications

ASTM A563 Grade C

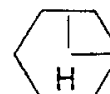
For ASTM A325 bolts

Also covers square nut configurations

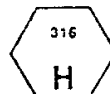
Heavy hex only

CAGE code: 52373

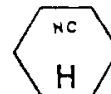
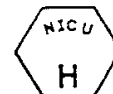
2/

LEVEL 1 FASTENERS
300 THIRD AVE
HUNTINGTON, WV 25701

300 Series Stainless Steel



Type 316 Stainless Steel



Nickel Copper (Monel)

BEK

CAGE code: 17283

1/

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MIL-HDBK-57E (IS)

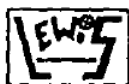
LEVINGSTON MACHINE COMPANY
2428 MINNIS DR.
HALTOM CITY, TX 76117-4856

LM

CAGE code: 46939

2/

LEWIS SREW COMPANY
(DIV OF MEDALIST FASTENERS INC.)
2550 S 27TH AVE.
BROADVIEW, IL 60155 - 3851



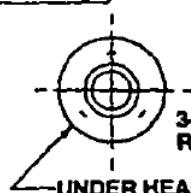
LEWIS SCREW COMPANY
THE FASTENER SPECIALIST

**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

2/

LFC INDUSTRIES INC.
(DIVISION RKR TECHNOLOGIES)
P. O. BOX 5982
1221 CORPORATE DRIVE WEST
ARLINGTON, TX 76006-6103

LFC

CAGE code: 62384

1/

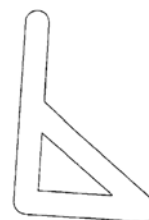
LINREAD NORTHBRIDGE
LEICESTER, UK
VIKING ROAD
WIGSTON, LEICESTER
ENGLAND LE18 2BL

NB

CAGE code: U6683

1/

LINREAD NORTHBRIDGE AIRCRAFT
PRODUCT DIVISION
CROSSGATE ROAD PARK FARM
P.O. BOX 28
REDDITCH
WORCESTERSHIRE B98 7TD
UK



CAGE code: K8753

2/

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MIL-HDBK-57E (IS)

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

1, 2

Y = Unified S quality

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 mark-
ings 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.

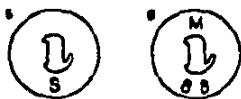
M = Metric screws and bolts
8.8 or 8.8 = Grade 8.8. Alternative mark-
ings such as 10.9 or 10.9
may appear as appropriate.

Illustration
No.

Notes

3, 4,
(Cont'd)

U = Linread Pic



CAGE code: K8753

Continued

2/

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

U = 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 mark-
ings such as 10.9 or 10.9
may appear as appropriate.



Illustration
No.

Notes

7, 8

U = Trilobular screws and bolts.
Various letters may appear,
viz

M = Metric. Absence of other
letters indicate Duo-Tapite or
Tapite parts.

P = Powerlok

C = Carbon restored surface,
i.e., with no decarburization
permitted but not case hard-
ened.

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 mark-
ings such as 10.9 or 10.9
may appear as appropriate.



CAGE code: K8753

2/

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>LIPPISCHE EISENINDUSTRIE GmbH ALTER WEG 57 D-4930 GERMANY</p> <p style="text-align: center;">LE</p> <p>CAGE code: 2/</p> | <p>Continued</p> <p>LISI AEROSPACE see BLANC AERO INDUSTRIES</p> <p><i>Plant</i> BLANC AERO INDUSTRIES VILLEFRANCHE DE ROUERGUE 18, RUE JEAN VAURS 12200 VILLEFRANCHE DE ROUERGUE FRANCE</p> <p style="text-align: center;">P </p> <p>CAGE code: F0188</p> |
| <p>LISI AEROSPACE LISI AEROSPACE CANADA TOUR GAMMA A 193, RUE DE BERCY 75582 PARIS CEDEX 12 FRANCE</p> <p><i>Plant</i> A1 TECHNOLOGIES 7022 ALONDRA BLVD PARAMOUNT, CA 90723 3926</p> <p>NO SYMBOL LISTED</p> <p>CAGE code:</p> <p><i>Plant</i> LISI AEROSPACE CANADA 2000, PLACE TRANSCANADIENNE DORVAL (QUÉBEC) H9P 2K5 CANADA</p> <p style="text-align: center;">U</p> <p>CAGE code: L4528</p> <p>Continued 1/</p> | <p><i>Plant</i> BLANC AERO INDUSTRIES RUGBY RUGBY WARWICKSHIRE CV21 3 RQ ENGLAND</p> <p style="text-align: center;">hs</p> <p>CAGE code: U6300</p> <p><i>Plant</i> BLANC AERO INDUSTRIES SAINT OUEN L'AUMONE 95310 SAINT OUEN L'AUMONE FRANCE</p> <p style="text-align: center;">T </p> <p><u>T</u> (Sr Briec) B (Paris) P (Villefranche de Rouergue) ds. F</p> <p>CAGE code: F0188 1/</p> <p>Continued</p> |

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MIL-HDBK-57E (IS)

Continued

LISI AEROSPACE

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

CAGE code: F0188

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

Plant
 FT BESTAS
 35410 GAZIEMIR-IZMIR
 TURKEY

CAGE code: T0802

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

CAGE code: 73197
 Continued

1/

Continued

LISI AEROSPACE

Plant
 MONADNOCK
 18301 EAST ARENTH AVE.
 CITY OF INDUSTRY, CA 91748-1288

• (a dot)

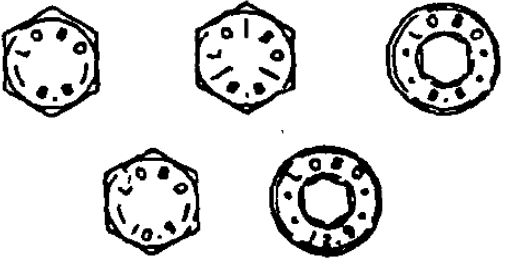
CAGE code: 60119

1/

^{1/} Information published in this revision was verified by direct contact with manufacturers.

^{2/} Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

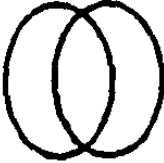
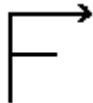






MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>LITTLE WORLD MANUFACTURING, INC. 1083 FOREST RD. WEST CHESTER, PA 19380</p> <p>Plant 525 WEST SOUTH STREET KENNETT SQUARE, PA 19348</p> <p>L<W>M</p> <p>CAGE code: 6T569 <u>2/</u></p> | <p>LOBO SYSTEMS LTD 26 THE PARKER CENTRE MANSFIELD ROAD DERBY DE21 4SZ ENGLAND</p> <p>LOBO™</p> <p>CAGE code: KE018 <u>1/</u></p> |
| <p>LLOYD MACHINE & TOOL CO., INC. 234 BROAD AVENUE WILMINGTON, CA 90744-5812</p> <p>LM</p> <p>CAGE code: 01334 <u>2/</u></p> | <p>LONE STAR FASTENERS, LP (PREVIOUS LISTED AS LONE STAR SCREW CO OF TEXAS INC P.O. BOX 1149 SPRING, TX 77373</p> <p>Plant 24131 HARDY ROAD SPRING, TX 77373</p> <p>L Precedes grade marking (example: LB7)</p> <p>CAGE code: 7H174 <u>1/</u></p> |
| <p>LN AEROSPACE, INC. 6011 TENSION DRIVE FORT WORTH, TX 76112-2693</p> <p>LNA</p> <p>CAGE code: 1EB45 <u>2/</u></p> | <p>LONG-LOK FASTENERS CORP. 10630 CHESTER RD CINCINNATI, OH 45215-1206</p> <p>Plant 14119 CHADRON AVE. LOS ANGELES, CA 90250</p> <p>CAGE code: 03038</p> <p>LL or LONG or LL LOK</p> <p>CAGE code: 16941, plant 03038 <u>1/</u></p> |
| <p>LOBO OFFICINE MECCANICHE SPA VIA T. EDISON CORANAREDO, MILANO ITALY 20010</p>  <p>CAGE code: A1208 <u>2/</u></p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.

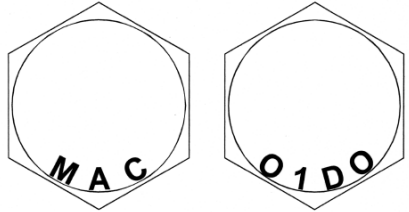




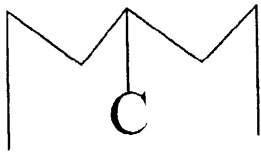
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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| <p>LOOS & CO., INC. AEROSPACE FASTENERS DIVISION ROUTE 101 POMFRERT, CT 06258-0098</p>  <p>CAGE code: 59157 <u>1/</u></p> | <p>M & M MANUFACTURING CORPORATION 5611 KIMBALL CT CHINO, CA 91710</p>  <p>CAGE code: 0X598 <u>2/</u></p> |
| <p>LORD CORPORATION AEROSPACE PRODUCTS DIVISION 1635 WEST 12TH STREET P.O. BOX 3694 ERIE, PA 16508 – 0694</p> <p>CAGE code: 0PJN4</p>  <p>Plant MECHANICAL PRODUCTS DIVISION 4644 WADSWORTH RD. DAYTON, OH 45414 – 4220</p> <p>CAGE code: 30061</p>  <p>CAGE code: 0PJN4, 30061 <u>2/</u></p> | <p>M.A.A. CORP, MID AMERICA AEROSPACE DIVISION 16201 WEST 110TH STREET SHAWNEE MISSION, KS 66285</p>  <p>CAGE code: <u>2/</u></p> |
| <p>LOUGHLIN MANUFACTURING CORP. 1580 RAILROAD AVE HOLBROOK, N.Y. 11741-2301</p>  <p>CAGE code: 65782 <u>1/</u></p> | <p>M.L.W. MANUFACTURING CO. P.O. BOX 8445 NEW HAVEN, CT 06511</p> <p>Plant 240 SARGENT DRIVE NEW HAVEN, CT 06511</p>  <p>CAGE code: 0GH69 <u>2/</u></p> |
| | <p>M.S. AEROSPACE 3150 DAMON WAY SYLMAR, CA 91342-1005</p>  <p>CAGE code: OUCY9 <u>1/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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| <p>MAC FASTENERS, INC. 11110 ENTERPRISE ST. OTTAWA, KS 66067-3803</p>  <p>GOTHIC LETTERS "MAC" GOTHIC LETTERS AND NUMERAL "O1DO"</p> <p>CAGE code: ORFT4 1/</p> | <p>MACK, A. W. MFG CO. 516 DUTCHESS TURNPIKE POUGHKEEPSIE, NY 12603</p>  <p>CAGE code: 32448 2/</p> |
| <p>MACHINE SHOP, INC., THE 470 AIR PARK RD ATWATER, CA 95301</p>  <p>CAGE code: 8T052 2/</p> | <p>MACKO INDUSTRIES HWY 39 AT FM RD. 1340 P.O. BOX 170 HUNT, TX 78024-0170</p>  <p>CAGE code: 1CN43 2/</p> |
| <p>MACHINERITE CORP. SYCAMORE & MILL RDS. CLIFTON HTS, PA 19018</p>  <p>CAGE code: 7J299 2/</p> | <p>MACKSON MFG CORP. 2338 SOUTHWAY DRIVE ROCK HILL, SC 29730</p>  <p>CAGE code: 093Y9 2/</p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

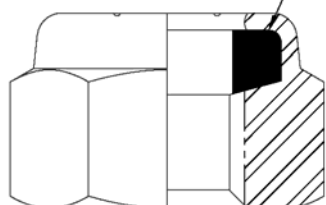
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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

E
EN
ESNA

RED NYLON INSERT INDICATES
MACLEAN-ESNA AS
MANUFACTURER

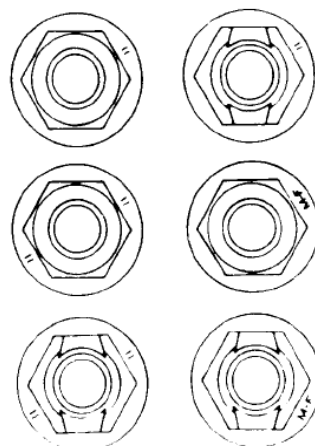


CAGE code: 019L2

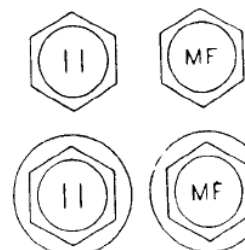
1/

MACLEAN-FOGG CO.
2551 WACKER RD.
SAVANNA, IL 61074

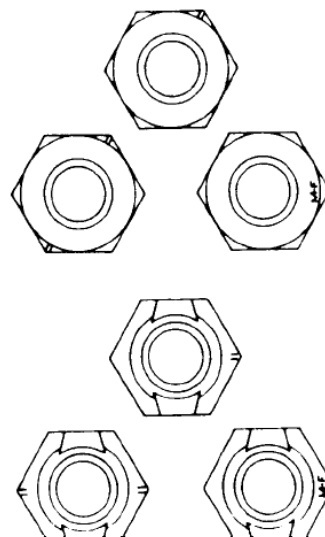
*Flange nuts less lock and with
Uni-Torque® lock
Two raised bars*



Hex and flange screws/bolts



Hex nuts and Uni-Torque® locknuts



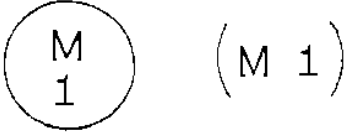
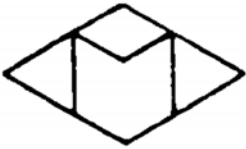



CAGE code: 0AMX8

2/

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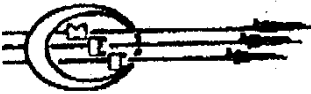
MIL-HDBK-57E (IS)

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|---|--|
| <p>MACOR, INC. 130 HOFFMAN LN CENTRAL ISLIP, NY 11722</p>  <p>CAGE code: 2A269 <u>2/</u></p> | <p>MAIN MACHINE CO INC. DBA MAIN MACHINE & TOOL CO 116 MARINE STREET FARMINGDALE, NY 11735-5608</p> <p>MMT</p> <p>CAGE code: 05879 <u>1/</u></p> |
| <p>MAGNUM MACHINE SHOP 768 HOMEWARD PL SAN JOSE, CA 95123-2906</p> <p>1YFG0</p> <p>CAGE code: 1YFG0 <u>2/</u></p> | <p>MANNO, RICHARD & CO., INC. 42 LAMAR ST NORTH BABYLON, NY 11704</p> <p>R/M</p> <p>CAGE code: 0RGV4 <u>2/</u></p> |
| <p>MAGNUS TOOL & DIE CO., INC. 256 SHEFFIELD ST. MOUNTAINSIDE, NJ 07092</p>  <p>CAGE code: 37752 <u>2/</u></p> | <p>MANUFACTURING ENGINEERING TECH. 2758 AIELLO DR. SAN JOSE, CA 95111-2134</p>  <p>CAGE code: 1CC57 <u>2/</u></p> |
| <p>MAILLY MFG CO., INC. P. O. BOX 6143 45 WAKELEE ROAD WOLCOTT, CT 06716-2620</p>  <p>CAGE code: 3L606 <u>1/</u></p> | <p>MANUFACTURING SALES AND SERVICE 10631 BLOOMFIELD AVE #16 LOS ALAMITOS, CA 90720</p>  <p>CAGE code: 1S9V3 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
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| <p>MANUFACTURING TECHNOLOGY SERVICES 111 CLINTON ROAD FAIRFIELD, NJ 07004</p>  <p>CAGE code: 4WCW0 <u>1/</u></p> | <p>MARTIN-CHANDLER, INC. 122 EAST ALONDRA BOULEVARD GARDENA, CA 902</p>  <p>CAGE code: 22625 <u>2/</u></p> |
| <p>MAPECO PRODUCTS, INC. 725 GLEN GLOVE AVE. P.O. BOX 6 GLEN HEAD, NY 11545</p>  <p>CAGE code: 4P839 <u>2/</u></p> | <p>MARUYKO NUT CO., LTD. 2-4-15 NAKANO-CHO, HIGASHI TONDABAYASHI-SHI OSAKA 584 JAPAN</p>  <p>CAGE code: <u>2/</u></p> |
| <p>MAR-BRO MFG., INC. 5717 W. WASHINGTON STREET PHOENIX, AZ 85043-3650</p>  <p>CAGE code: <u>2/</u></p> | <p>MARVIN ENGINEERING, CO., INC. 260 WEST BEACH AVENUE INGLEWOOD, CA 90302-2903</p>  <p>CAGE code: 32067 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

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
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

CAGE code: 76213(canceled)
Replaced by 52373

2/

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: 76213(canceled)
Replaced by 52373

2/

Continued

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

Continued

MARYLAND BOLT & NUT CO., INC.

Heavy hex for
type C-3Regular or
heavy for DH3Manufacturer's symbol and the num-
ber 3 or DH3 on faceFor Grade C-3 three radial lines are
also requiredHeavy 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
regularManufacturer's symbol and the 2H or
DH markingAlso can be supplied in regular confi-
gurationsSuitable 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: 76213(canceled)

Replaced by 52373

2/

MASTER RESEARCH & MFG., INC.

13528 PUMICE ST

NORWALK, CA 90650 - 5249



CAGE code: 9U245

2/

MASTERCRAFT TOOL COMPANY

13743 SHORELINE CT E

EARTH CITY, MO 63045 - 1202



CAGE code: 2M351

2/

MAUDLE INDUSTRIAL CO., LTD.

1-20 TSAO HU ROAD

TALI CITY, TAIWAN 41245

TUZ

CAGE code: SH978

2/

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

2/

MCADAMS MACHINE AND TOOL CO.

2853 E FLORENCE AVE

HUNTINGTON PARK, CA 90255



CAGE code: 0UUE2

2/

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MIL-HDBK-57E (IS)

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



CAGE code: 04273

2/

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



CAGE code: 52706

2/

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

05141



CAGE code: 05141

1/

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

See EMPIRE PRECISION MACHINING



CAGE code:

1/

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

M



MCO

CAGE code: 032Z0

2/

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:

2/

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>MECAERO PRODUCTS AFS TOULOUSE OPERATIONS BD DU GRAND CASTING ROQUES-SUR-GARONNE 31128 PORTET SUR GARONNE CEDEX FRANCE</p> <p>(Corporate office see ALCOA FASTENING SYSTEMS)</p>  <p>CAGE code: F7411 <u>1/</u></p> | <p>MECHANICAL & INDUSTRIAL FASTENERS 1145 JANSEN FARM DRIVE ELGIN, IL 60123</p>  <p>CAGE code: 0P8N1 <u>2/</u></p> |
| <p>MECAERO CANADA INC. 2250 COHEN VILLE ST-LAURENT QUEBEC, H4R 9Z7 CANADA</p>  <p>CAGE code: <u>2/</u></p> | <p>MECHANICAL INDUSTRIES LLC 8900 NORTH 51ST STREET MILWAUKEE, WISCONSIN 53223-2402</p>  <p>CAGE code: 1U732 <u>2/</u></p> |
| <p>MECAIR AEROSPACE INDUSTRIES SUBSIDIARY OF SPS TECHNOLOGIES DIV DIVISION OF SPS TECHNOLOGIES DBA MECAIR INC 225 LABROSSE PT. CLAIRE, CANADA H9R 1A3</p>  <p>CAGE code: 0HL40 <u>2/</u></p> | <p>MEL-BA MANUFACTURING INC. 777 SUGAR LN ELYRIA , OH 44035 - 5631</p>  <p>CAGE code: 3A092 <u>2/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.









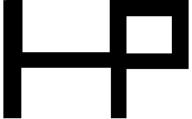



2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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| <p>MERCER PRODUCTS & MFG. CO., INC. 401 S. WEBSTER STREET SEATTLE, WA 98108 - 4137</p> <p style="text-align: center;"><u>MP</u></p> <p>CAGE code: 30205 <u>1/</u></p> | <p>METALCRAFTERS (DIVISION OF KEYSTONE CONSOLIDATED INDUSTRIES) 4500 KISHWAUKEE STREET P.O. BOX 7005 ROCKFORD, IL 61125-7005</p> <p style="text-align: center;">N or M</p> <p style="text-align: center;"><i>Indented hex & hex washer heads</i></p> <p style="text-align: center;">N or M</p> <p style="text-align: center;"><i>Hex cap screws - low carbon steel</i></p> <p style="text-align: center;"></p> <p style="text-align: center;"><i>Mis. markings for screws & bolts</i></p> <p>CAGE code: <u>2/</u></p> |
| <p>MERCURY AREOSPACE INC. 20320 PRARIE STREET CHATSWORTH, CA 91313</p> <p style="text-align: center;"></p> <p style="text-align: center;">M - Mercury - Aerospace</p> <p>CAGE code: 50945 <u>2/</u></p> | <p>METAL-TECH MFG. INC. 1445 SOUTH 18TH ST. CLINTON, IA 52732-6703</p> <p style="text-align: center;">M T</p> <p>CAGE code: 3BNL5 <u>1/</u></p> |
| <p>MERCURY TOOL & MACHINE, INC. P.O. BOX 5190 WACO, TX 76708-5190</p> <p style="text-align: center;">Plant AIRPORT DRIVE & ZOO PARK DR. WACO, TX 76708-5190</p> <p style="text-align: center;">MTM</p> <p>CAGE code: 01982 <u>2/</u></p> | <p>METHODS AND MACHINING SERVICES CO. 140 UXBRIDGE ST CRANSTON, RI 02920-4811</p> <p style="text-align: center;">MMS</p> <p>CAGE code: 0FYD8 <u>2/</u></p> |

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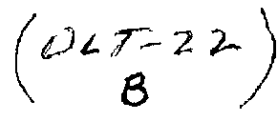
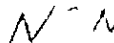
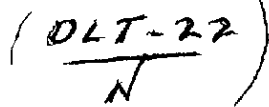
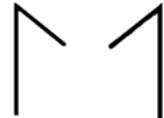


MIL-HDBK-57E (IS)

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|---|---|
| <p>METRO TOOL & MANUFACTURING CO. ALSO SEE ALEXANDER MANUFACTURING COMPANY INC 2402 ARKANSAS LANE GRAND PRAIRIE, TX 75052-7203</p> <p></p> <p>CAGE code: 2M919 1/</p> | |
| <p>METRIX MFG. CO. 840 BRITTAN AVE. SAN CARLOS, CA 94070-4181</p> <p> METRI METRIX</p> <p>CAGE code: 2/</p> | <p>MICRODOT INC. MICRODOT AEROSPACE FASTENING SYSTEMS GROUP ADVANCED PRODUCTS DIV 190 W CROWTHER AVE PLACENTIA, CA 92670 - 5687</p> <p></p> <p>KAYNAR TECHNOLOGIES INC MICRODOT DIV 800 SOUTH STATE COLLEGE BOULEVARD P.O. BOX 3001 PLACENTIA, CA 92670 - 5687 CAGE code: 1EJY4</p> <p>(SEE KAYNAR PRODUCTS CAGE code: 15653)</p> |
| <p>MI. ME. AF. S.r.l. C.so EUROPA, 240 24032 CALOZIOCORTE (BG) ITALY</p> <p></p> <p>CAGE code: 2/</p> | <p></p> <p><i>Used on sheet metal or stamped products.</i></p> <p></p> <p><i>Used on forged or foreign products</i></p> <p></p> <p><i>Two parallel lines used on Spiralock® products only</i></p> <p></p> <p><i>Used on metric products</i></p> |
| <p>MICRO SCREW MACHINE PRODUCTS, INC. 71 ROOSEVELT AVE CARTERET , NJ 07008</p> <p></p> <p>CAGE code: 43808 2/</p> | <p></p> <p><i>Used on miscellaneous and general Kaynar products</i></p> <p>MICRODOT INSERTS DEVISION 10 S. LA SALLE STREET SUITE 3500 CHICAGO, IL 60603 CAGE code: 51204</p> <p> </p> <p><i>Three parallel lines spiralok insert products only</i></p> <p>CAGE code: 0BPE9 2/</p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>MID CONTINENT SCREW PRODUCTS CO. 3701 WEST LUNT AVE. LINCOLNWOOD, IL 60712</p> <p> </p> <p>CAGE code: 1QMD3 <u>2/</u></p> | <p>MILLIPART, INC. 412 W. CARTER DRIVE GLEN DORA, CA 91740-5968</p> <p></p> <p>CAGE code: 31095 <u>2/</u></p> |
| <p>MID-STATES SCREW CORP. (ILLINOIS CORPORATION) 1817 EIGHTEENTH AVENUE ROCKFORD, IL 61101</p> <p></p> <p>CAGE code: 17264 <u>2/</u></p> | <p>MILLS, J. R. MACHINING, INC 815 McCORD HOLLOW ROAD HOHENWALD, LEWIS, TN 38462</p> <p>  </p> <p>CAGE code: 0LT22 <u>2/</u></p> |
| <p>MIDWEST ACORN NUT CO. 256 MINNESOTA AVE. TROY, MI 48083</p> <p></p> <p>CAGE code: 98960 <u>2/</u></p> | <p>MIL-SPEC FASTENERS CORP. 314 HANOVER PIKE HAMPSTEAD, MD 21074-9999</p> <p></p> <p>CAGE code: 356S3 <u>2/</u></p> |
| <p>MILE-HI MACHINE, INC. 6395 WEST 56TH AVE. ARVADA, CO 80002</p> <p></p> <p>CAGE code: 1M949 <u>1/</u></p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.

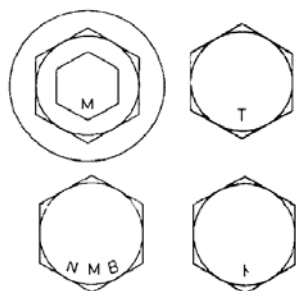
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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



Trademark, Takyo Rashi



CAGE code: SB962

1/

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

MFR 1L071

CAGE code: 1L071

2/

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

MI-TECH, INC.

CAGE code: 9J758

2/

MITSUBOSHI INDUSTRIES, LTD.
(OSAKA DIVISION)
4-16-1 CHOME, MIDORIGI
SUMINOE-KU, OSAKA 559
JAPAN

N
NK
NKYM

CAGE code:

2/

MIX TOOL CO.
212 E. CEDAR STREET
COMPTON, CA 90220



CAGE code: 27643

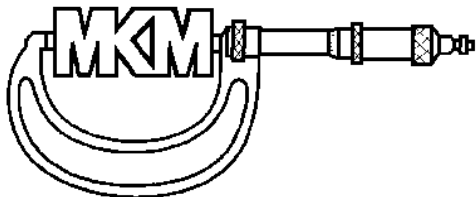
2/

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MIL-HDBK-57E (IS)

MKM MACHINE TOOL COMPANY INC.
100 TECHNOLOGY WAY
JEFFERSONVILLE, IN 47130-9644



CAGE code: 8L583

2/

M-MANUFACTURING
P.O. BOX 897
ROANOKE, TX 76272

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

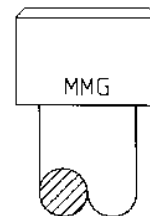
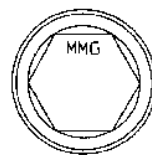
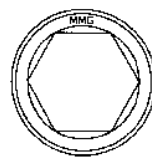


CAGE code:

2/

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

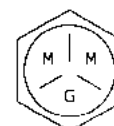
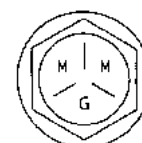
SOCKET HEAD
CAP SCREWS



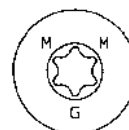
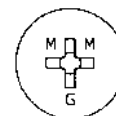
HEX HEADS
(GRADE 8)



HEX HEADS
(GRADE 5)



OTHER



CAGE code: 3JMF9

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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

MNP FASTENER DIVISION
44225 UTICA RD
UTICA, MI 48318-9002
CAGE code: 3R364

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

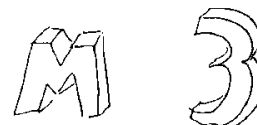
PLANT 4
MNP CORPORATION DIVISION 4
2211 BEARD STREET
PORT HURON, MI 48060-6424
CAGE code: 1U3X0

MNP fasteners*Highland bolts & nut**Small screw**Viking fasteners*

CAGE code: 3R364, 064S9, 1U3X0

1/

MODERN METRIC MACHINE COMPANY
INC
101 W. NICHOLSON ROAD
AUDOBON, NJ 08106-1411



CAGE code: 1F6H56

2/

MODFORM-ILLINOIS, INC.
500 36TH ST
EAST MOLINE, IL 61244



CAGE code: 46501

2/

MONADNOCK COMPANY, THE
DBA LISI AEROSPACE
18301 ARENTH AVE.
CITY OF INDUSTRY, CA 91748-1226

See LISI AEROSPACE

. (a dot)

CAGE code: 60119

1/

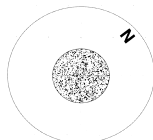
1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

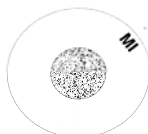
MONOGRAM AEROSPACE FASTENERS
3423 SOUTH GARFIELD AVE.
LOS ANGELES, CA 90040-3103

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 "Wedgeloek" or "Mono-gram", depressed. Used on temporary fasteners

CAGE code: 98524

1/

MONROE MACHINED PRODUCTS, INC.
1422 S. 192nd ST
SEATTLE, WA 98148-2314



CAGE code: 7F311

2/

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

MP

CAGE code: 1UD00

2/

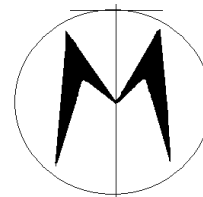
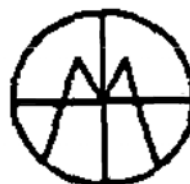
MORTON FASTENERS INC.
4544 RUNWAY DR.
LANCASTER, CA 93536

MFI

CAGE code: 4DU57

1/

MORTON MANUFACTURING
(DIVISION MORTON GRINDING)
17341 W. SIERRA HIGHWAY
SANTA CLARITA, CA 91351-1162



CAGE code: 2T498

1/

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



CAGE code: OHN25

2/

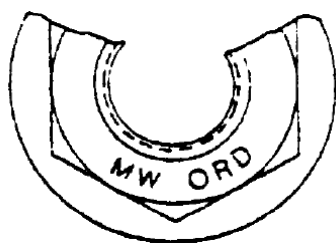
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MIL-HDBK-57E (IS)

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

Plant
1600 N. LARCH STREET
LANSING, MI 48906



CAGE code: 4H871

2/

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

Plant
525 LAFAYETTE AVENUE
HAWTHORE, NJ 07506



CAGE code: 0GUF9

1/

N.S.S. INDUSTRIES
9075 GENERAL DRIVE
PLYMOUTH, MI 48170



CAGE code:

2/

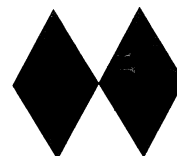
NAFCO INDUSTRIES, INC.
P.O. BOX 1893
CARSON CITY, NV 89702



CAGE code: 32387

2/

NAGOYA SCREW MANUFACTURING CO,
LTD.
17-16 TSUBAKI-CHO I
NAKAMURA-KU NAGOYA-SHI
AICHI-KEN, JAPAN

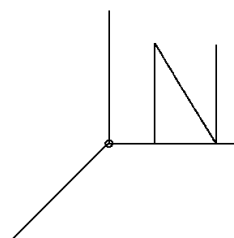


NRS

CAGE code: SC006

2/

NAPIER'S AUTO BODY
49879 HWY 101 STH.
P. O. BOX 278
BRANDON, OR 97411-1824



CAGE code: 1NXQ4

1/

1/ Information published in this revision was verified by direct contact with manufacturers.





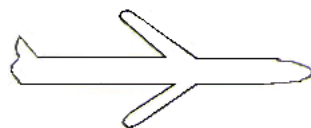
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>NARRAGANSETT SCREW MFG., CO. P.O. BOX 2242 119 ROWLEY ST WINSTED, CT 06098 - 2068</p> <p>NS</p> <p>CAGE code: OHP15 <u>2/</u></p> | <p>NATIONAL BOLTS & RIVETS LTD. P.O. BOX 5063, BOKSBURG NORTH 1461 SOUTH AFRICA</p> <p>NB</p> <p>CAGE code: V3674 <u>2/</u></p> |
| <p>NASSAN TOOL WORKS, INC. 34 LAMAR ST. WEST BABYLON, NY 11704</p> <p>NTW</p> <p>CAGE code: 2M490 <u>1/</u></p> | <p>NATIONAL FASTENER CO., LTD. #973 YANG DUCK-DANG MASAN REPUBLIC OF KOREA</p> <p>O</p> <p>CAGE code: <u>2/</u></p> |
| <p>NASU DENKI-TEKKO CO., LTD. 1-1-14 SHINJUKU, SHINJUKU-KU TOKYO 160 JAPAN</p> <p>SUNAMACHI FACTORY 3-5-28 SHINSUNA, ETO-KU, TOKYO, JAPAN 136</p> <p>NT</p> <p>CAGE code: <u>2/</u></p> | <p>NATIONAL THREADED FASTENERS CORP. 630 LIVELY BOULEVARD ELK GROVE VILLAGE, IL 60007</p> <p>NT</p> <p>CAGE code: <u>2/</u></p> |
| <p>NI</p> <p>CAGE code: <u>2/</u></p> | <p>NAVPAR, INC. 11029 STATE ROUTE 128 BLDG C-1 HARRISON, OH 45030-9710</p> <p>NI</p> <p>CAGE code: 0MHC4 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>NC AUTOMATED INDUSTRIES INC. 90 DAYTON AVENUE BLDG. 14E PASSAIC, NJ 07055-7035</p> <p style="text-align: center;">NAC</p> <p>CAGE code: 1VPZ8 <u>1/</u></p> | <p>NEDSCHROEF NEDSCHROEF HALMOND B.V. P.O. BOX 29 5700 AA HELMOND THE NETHERLANDS</p> <p>Plant KANAALDIJK NOORD WEST 71 5707 LC HELMOND THE NETHERLANDS</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div>Standard hexagon high tensile bolts and screws of all property classes</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div>High strength friction grip bolts for structural bolting property class 10.9</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div>Socket screws</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div>Nuts and all other bolts and screws</div> </div> <p>CAGE code: HO871 <u>2/</u></p> |
| <p>NCMI BRUEGGEMANN INC. 1207 W. BROOKS STREET ONTARIO, CA 91762-3609</p> <p style="text-align: center;"></p> <p>CAGE code: 0K292 <u>1/</u></p> | <p>NEKG HOLDINGS 26709 SOUTH KIMBERLY CHANNAHON, IL 26709</p> <p style="text-align: center;">NE</p> <p>CAGE code: 4YU01 <u>1/</u></p> |
| <p>ND INDUSTRIES DBA ND WESTERN FASTENER PROCESSING DIVISION 13929 DINARD AVENUE SANTA FE SPRINGS, CA 90670</p> <p style="text-align: center;">ND INDUSTRIES</p> <p>CAGE code: 4Y667 <u>2/</u></p> | <p>NELSON AEROSPACE INC. 10310 NORRIS AVE PACOIMA, CA 91331-2219</p> <p style="text-align: center;">NA</p> <p>CAGE code: 52930 <u>2/</u></p> |

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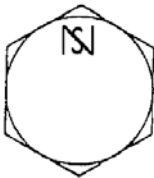
MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>NELSON STUD WELDING DIVISION 7900 W. RIDGE RD ELYRIA, OH 44036-2019</p> <p>N</p> <p>CAGE code: 85105 <u>2/</u></p> | <p>NEVILLE MACHINE SHOP P.O. BOX 22 RANGER, TX 76470-2722</p> <p>Plant 406 E. HIWAY 80 RANGER, TX 76470-2722</p> <p>ND</p> <p>CAGE code: 8X524 <u>2/</u></p> |
| <p>NEUMAYER, ERICH GMBH POSTFACH 1160 WILHELM-ZANGEN-STRASSE 9 D-7613 HAUSACH GERMANY</p> <p>N</p> <p>CAGE code: C1956 <u>1/</u></p> | <p>NEW HORIZON MACHINE CO., INC. 36 LUDLOW STREET STAMFORD, CT 06902-2691</p> <p>NH</p> <p>CAGE code: 1VVZ7 <u>2/</u></p> |
| <p>NEVADA BOLT AND MFG CO INC. DBA SPS NON-FERROUS ENGINEERED FASTENERS 3850 W PONDEROSA WAY LAS VEGAS, NV 89118</p> <p>NF</p> <p>CAGE code: 7U566 <u>2/</u></p> | <p>NICE TOOL MFG., INC. 3280 DIANA DR. FORT WORTH, TX 76118-6237</p> <p>NT</p> <p>CAGE code: 5K517 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>NIPPON MACHINE ENGINEERING, INC. 1311 EAST SAINT GERTRUDE PLACE UNIT B SANTA ANA, CA 92705</p>   <p>CAGE code: 49145 <u>2/</u></p> | <p>NISSAN SCREW CO. LTD. SALES DEPT., FOREIGN TRADE SECTION 5-6-508 SHINKANAOKA-CHO SAKAI-SHI-OASAKA 590 JAPAN</p> <p>Plant 8-4-41 MIYAKE-NAKA MATSUBARA-SHI, OSAKA 580 JAPAN</p> <p>N</p> <p>CAGE code: <u>1/</u></p> |
| <p>NIPPON STEEL BOLTEN CO., LTD. 4-3-2 NISHIZUMI, YUKUHASHI, FUKUOKA, JAPAN 824</p>  <p>CAGE code: <u>2/</u></p> | <p>NOCHIA STEELWORKS NYOGO, JAPAN</p>  <p>CAGE code: <u>2/</u></p> |
| <p>NISCO, INC. 5F SHINGA BLDG. 1-3-10 UMEBAYASHI OUTSU-SHI SHOGA-KEN 520, JAPAN</p> <p>Plant 1018-1 ROKUJO CHUZU-CHO YASU-GUM SHIGA-KEN 520-24 JAPAN</p>   <p>CAGE code: <u>2/</u></p> | <p>NON-FERROUS BOLT & MANUFACTURNG CO. 4086 NEVSO DRIVE, SUITE C LAS VEGAS, NV 89103</p> <p>Plant 3850 WEST PONDEROSA LANE LAS VEGAS, NV 89118</p> <p>NF</p> <p>CAGE code: <u>2/</u></p> |

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MIL-HDBK-57E (IS)

NORTHBRIDGE FASTENERS
VIKING ROAD
WIGSTON, LEICESTER
UNITED KINGDOM

NB



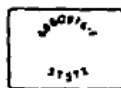
E — The plain letter E is used for Rolls Royce, UK supply and Europe and will be used in the absence of any customer allocated identification.



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:

2/

NORTH EAST FASTENERS
8 TREMCO DRIVE
P. O. BOX 322
TERRYVILLE, CT 06786-0322



• •

2 dots

either indented or raised.

CAGE code: 07ZN5

1/

NORTHEAST METAL CO., INC.
P.O. BOX 51754
34 FRONT STREET
INDIAN ORCHARD, MA 01151

Plant
AIRPORT DRIVE
WESTFIELD, MA 01085



CAGE code: 1C4F2

2/

NORTHERN SCREW CO. , INC.
8121 LAKEVIEW PARKWAY
PLEASANT PRAIRIE, WI 53158

NS

CAGE code:

2/

NORTHSTAR ENGINEERING
1911 LYNX PLACE
ONTARIO, CA 91761

0XK38



CAGE code: 0XK38

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>NOVA MACHINE PRODUCTS CORPORATION A SUBSIDIARY OF CURTIS-WRIGHT FLOW CONTROL SERVICE CORP. 18685 SHELDON ROAD MIDDLEBURGE HEIGHTS, OH 44130-2465</p>  <p>CAGE code: 1EJ29 1/</p> | <p>NUMERIC MACHINE PRODUCTS 1769 WEST AVE. K-11 LANCASTER, CA 93534</p> <p style="text-align: center;">NMP</p> <p>CAGE code: 5V524 2/</p> |
| <p>NT ENGINEERING, INC. 1050 "C" INDEPENDENCE AVE. MOUNTAIN VIEW, CA 94043</p> <p style="text-align: center;">NT</p> <p>CAGE code: 0BEN1 2/</p> | <p>NUTS INCORPORATED DIVISION OF STANLOK 1451 GRAFTON ST P.O. BOX 2735 WORCHESTER, MASSACHUSETTS 01613</p> <p style="text-align: center;">N</p> <p>CAGE code: 02972 2/</p> |
| <p>NUCOR CORP. NUCOR FASTENER DIVISION P.O. BOX 6100, 6730 COUNTY ROAD ST. JOE, IN 46785</p>  <p>CAGE code: 0BEP9 1/</p> | <p>NUTS, INC. ROUTE 724 & 23 PHOENIXVILLE, PA 19460-1838</p> <p style="text-align: center;">N</p> <p>CAGE code: 6N185 2/</p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

NYLOK CORP.
15260 HALLMARK DR.
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

1/

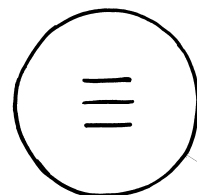
OAKTREE FASTENERS CO.
12262 1/2 WOODRUFF AVE.
DOWNEY, CA 90241

OTF

CAGE code:

2/

OBARS MACHINE & TOOL CO.
115-126 N. WESTWOOD AVE.
TOLEDO, OH 43607



CAGE code: 0MKX0

2/

OCM MACHINE COMPANY, INC.
9601 HIGHWAY 80
FORT WORTH, TX 76116 - 2689



CAGE code: 06XQ6

2/

OHIO NUT & BOLT CO., THE
DIV. OF FASTENERS INDUSTRIES, INC.
33 LOU GROZA BLVD..
BEREA, OH 44017-1293



Small raised mark usually
on the underside of head

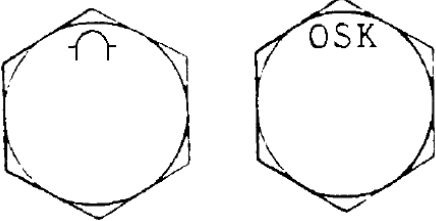
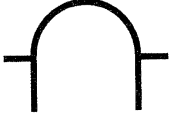
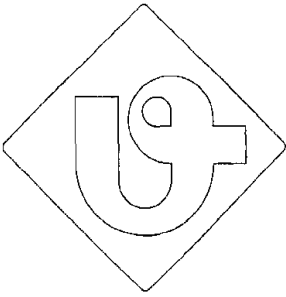

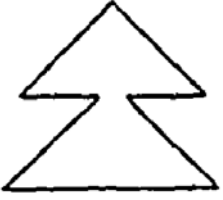
CAGE code: 76871

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.


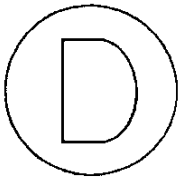

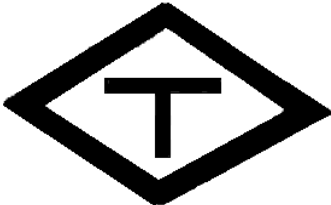
MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>OHKAWA SCREW MFG. CO., LTD. 2-25-16 MIDORIGAOKA, MEGURO-KU, TOKYO 152 JAPAN</p> <p>Plant 6357-1 OBA, OHMIYA-MACHI, NAKA-GUN, LBARAGI-KEU 319-21 JAPAN</p>  <p>CAGE code: <u>2/</u></p> | <p>OKAWA SCREW MANUFACTURING CO., LTD 2-20-4 HIGASHIGOTANDA SHINAGAWA-KU, 141-0022 TOKYO</p> <p>OSK</p>  <p>CAGE code: <u>1/</u></p> |
| <p>OKABE CO., INC. OKABE KIKO CO., LTD. (PLANT) 4-21-15 MUKOJIMA SUMIDA-KU, JAPAN 131-8505</p>  <p>CAGE code: SP186 <u>2/</u></p> | <p>OMEGA THREAD ROLLING AND GRINDING INC. 54 LEWIS STREET P.O. BOX 129 PLAINVILLE, CT 06062-0129</p>  <p>CAGE code: 06KW4 <u>2/</u></p> |
| <p>OKAI IRON WORKS, INC. 12-41, 3 CHOME, TSURUHARA IZUMISANO CITY OSAKA, JAPAN 598</p> <p>OK</p> <p>CAGE code: <u>2/</u></p> | <p>ONEIDA TOOL & MACHINE CORP. 837 AIR PARK RD. RHINELANDER, WI 54501-8426</p>  <p>CAGE code: OJHAO <u>1/</u></p> |

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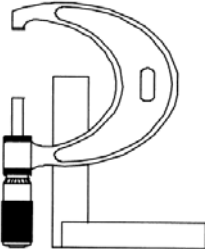


2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>ONO MANUFACTURER, INC. 602 FUJITA OKAYAMA-SHI, OKAYAMA-KEN 701-0221 JAPAN</p> <p>Plant 3-800-46 TAMAHARA TAMANO- SHI, OKAYAMA-KEN 706-2555 JAPAN</p>  <p>CAGE code: <u>1/</u></p> | <p>ORC-O TOOL & MACHINE, INC. 75 SHAMROCK DRIVE SULLIVAN, MO 63080-2344</p> <p>ORC-O</p> <p>CAGE code: 0C1D0 <u>2/</u></p> |
| <p>ONTIC ENGINEERING & MANUFACTURING, INC. 20360 PLUMMER ST. NORTH HOLLYWOOD, CA 91609-0510</p>  <p>CAGE code: 45934 <u>2/</u></p> | <p>ORDNANCE PARTS & ENGINEERING CO. P.O. BOX 8035 3152 C MAJOR ST FORT WORTH, TX 76112</p>  <p>CAGE code: 20800 <u>2/</u></p> |
| <p>ORANGE PRECISION PARTS 17632 METZLER LANE, #C HUNTINGTON BEACH, CA 92647</p> <p>P O OP</p> <p>CAGE code: 9V210 <u>2/</u></p> | <p>ORLOTRONICS CORP. 401 E. FOURTH STREET BRIDGEPORT, PA 19405-1815</p> <p>(OTC)</p> <p>CAGE code: 54267 <u>1/</u></p> <p>OSAKA SEIKI CO., LTD. 1-19-14, MITEJIMA TOKYO 555 JAPAN</p>  <p>CAGE code: S4247 <u>2/</u></p> |

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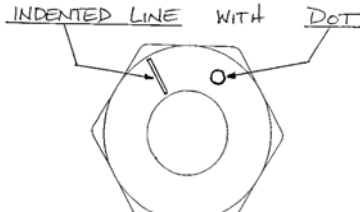
MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>OSTEEN MACHINE SHOP RT. 1 BOX 2082 ALVARADO, TX 76009</p>  <p>CAGE code: 8Y546 2/</p> | <p>P & I ASSOCIATES, INC. 26 WEST WAVERLY ROAD P.O. BOX 413 GLENSIDE, PA 19038-4012</p> <p>Plant #1 LIMEKILN PIKE GLENSIDE, PA 19038 (No mail to this address)</p>  <p>CAGE code: 0DH98 2/</p> |
| <p>OTO MELARA S.p.A. FINKECCANICA COMPANY VIA VALDILOCCHI 15 LA SPEZIA 19136 ITALY</p>  <p>CAGE code: A0199 1/</p> | <p>P & L ENTERPRISES 111 CR 4614 CASTROVILLE, TX 78009</p>  <p>CAGE code: 058B7 1/</p> |
| <p>OTT BROTHERS MACHINE CO., INC. 331 EAST 37TH STREET SOUTH WICHITA, KS 67216</p> <p>OB OBMC</p> <p>CAGE code: 09292 1/</p> | <p>P.C.M., INC. (BETHLEHEM PIKE INDUSTRIAL CENTER) P.O. BOX 840 60 PARRISH ST. WILKES BARRE, PA 18710</p>  <p>CAGE code: 2/</p> |
| <p>OWARI PRECISE PRODUCTS CO., LTD 2-148 YADA-CHO HIGASHI-KU NAGOYA-SHI AICHI-KEN, JAPAN</p>  <p>CAGE code: SC008 2/</p> | |

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>P.S. MACHINE CO., INC. 1505 JOHN FETCH BLVD. S. WINDSOR, CT 06074-1000</p> <p>PS</p> <p>CAGE code: 56839 <u>1/</u></p> | <p>PACIFIC SCIENTIFIC 22715 SAVI RANCH PARKWAY P.O. BOX 87019 YORBA LINDA, CA 92686</p> <p>P S</p> <p>CAGE code: 45402 <u>2/</u></p> |
| <p>PABCOR, INC. 925 NORTH CEDAR STREET P.O. BOX 7528 NEW CASTLE, PA 16107-1323</p> <p>PABCOR</p> <p>CAGE code: OAGN7 <u>2/</u></p> | <p>PACIFIC TOOL, INC. 15235 NE 92ND STREET REDMOND, WA 98052</p> <p>T P I</p> <p>CAGE code: 62176 <u>1/</u></p> |
| <p>PACER ALLOYS, INC. 8681 SCRANTON STREET HOUSTON, TX 77075</p> <p>V</p> <p>CAGE code: <u>1/</u></p> | <p>PADGETT MACHINE INC. 1226 NORTH 143rd EAST AVENUE TULSA, OK 74116-2120</p> <p>PMI</p> <p>CAGE code: 6W037 <u>1/</u></p> |
| <p>PACIFIC FASTENERS, INC. 405 UNIVERSITY AVENUE ARLINGTON HEIGHTS, IL 60004</p> <p>INDENTED LINE WITH DOT</p>  <p>CAGE code: 42918 <u>2/</u></p> | <p>PAINTER TOOL, INC. 1173 IRIS DRIVE NORTH HUNTINGDON, PA 15642-4399</p> <p>PTI</p> <p>CAGE code: 34779 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

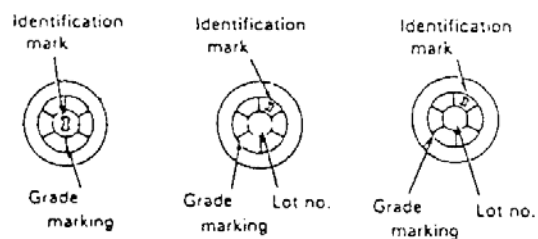
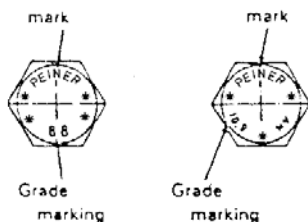
| | |
|--|--|
| <p>PALNUT CO. , THE UNITED CARR FASTENERS PALNUT DIV GLEN ROAD MOUNTAINSIDE, NJ 07092</p> <p>PAL</p> <p>CAGE code: 2G832 <u>2/</u></p> | <p>PAULIN, H. & CO., LTD. CAPITAL METAL INDUSTRIES DIVISION 55 MILNE AVENUE SCARBOROUGH, ONTARIO MIL 4N3 CANADA</p>   <p>CAGE code: 95119 <u>2/</u></p> |
| <p>PARK PRECISION CORPORATION 181 ELLIOT ST. UNIT 403 BEVERLY, MA 01915</p> <p>-PPC-</p> <p>CAGE code: OJWS2 <u>2/</u></p> | <p>PB FASTENERS (DIVISION OF PAUL R. BRILES, INC.) 1700 WEST 132ND STREET GARDENA, CA 90249</p> <p>MFR 27624</p>  <p>PB PBF PB</p> <p>CAGE code: 27624 <u>1/</u></p> |
| <p>PATEREX, LTD. CRAY AVE., ORPINGTON KENT BR5 3RR UNITED KINGDOM</p> <p>P PTX</p> <p>CAGE code: OBMF6 <u>2/</u></p> | <p>PEERLESS SCREW PRODUCTS 286 SANDBANK RD. P.O. BOX 236 CHESIRE, CT 06410-1537</p>  <p>CAGE code: 45950 <u>1/</u></p> |
| <p>PATTERSON LAKE PRODUCTS (SUBSIDIARY OF COLUMBIA AUTO PARTS) P.O. BOX 200 PINCKNEY, MI 48169</p>  <p>CAGE code: 5Y952 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

PEINER UMFORMTECHNIK GmbH
WOLTORFER STRASSE 26
PEINE, 31224
GERMANY



CAGE code: D2742

2/

PELHAM AUTO MATRIX PRECISION
1 INDUSTRIAL DRIVE
PELHAM, NH 03076



CAGE code: 1CSJ5

2/

PENN CIGAR MACHINES INC (P.C.M INC)
P. O. BOX 1065
60 PARRISH STREET
WILKES BARRE, PA 18703



CAGE code: 7U218

2/

PENNENGINEERING AUTOMOTIVE
FASTENERS
50625 DESIGN LANE
SHELBY TOWNSHIP, MI 48315

(Coporate see PENN ENGINEERING &
MANUFACTURING CORP.)

PE

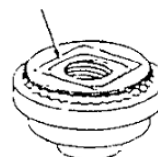
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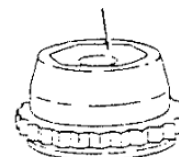
PENN ENGINEERING & MANUFACTURING
CORP.
(see ATLAS ENGINEERING, INC.)
5190 OLD EASTON RD.
DANBORO, PA 18916



Square insert in
floating fasteners



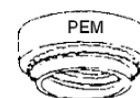
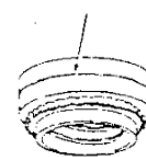
PEM trademark
Blue - nylon® hexagon
locking element



"Dimple" trademark



PEM 300™
identification mark






CAGE code: 46384

1/

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MIL-HDBK-57E (IS)

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|--|--|
| <p>PENN SCREW & MACHINE WORKS, INC. 3075 ADVANCE LN. COLMAR, PA 18915</p> <p>PSM <i>PSM</i></p> <p>CAGE code: 82926 <u>2/</u></p> | <p>PHOENIX SPECIALTY MANUFACTURING CO., INC. P.O. BOX 418 BAMBERG, SC 29003</p> <p>Plant HIGHWAY 301 SOUTH BAMBERG, SC 29003</p> <p></p> <p>CAGE code: 66920 <u>2/</u></p> |
| <p>PEREZ MACHINE, INC. 1501 W. 134TH STREET GARDENA, CA 90249</p> <p>pmi</p> <p>CAGE code: 34393 <u>1/</u></p> | <p>PILGRIM SCREW CORP. (PROVIDENCE DIVISION) 120 SPRAGUE STREET PROVIDENCE, RI 02901</p> <p>Plant 259 DEXTER ST. PROVIDENCE, RI 02907 CAGE code: 47253</p> <p><i>AD</i></p> <p>Plant 2 2875 WEST FRYE ROAD CHANDLER, AZ CHANDLER, AZ CAGE code: 1GP79</p> <p><i>π</i></p> <p>CAGE code: 47253, 1GP79 <u>1/</u></p> |
| <p>PERIGEE MANUFACTURING COMPANY, INC. (MICHIGAN CORPORATION) 7519 INTERVALE DETROIT, MI 48238-2401</p> <p></p> <p>CAGE code: 1X4X7 <u>1/</u></p> | |
| <p>PERKINS MACHINE CO. 1559 PINE STREET OXNARD, CA 93030</p> <p></p> <p>CAGE code: 84749 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>PINE TAVERN MACHINE INC. 7851 PINE TAVERN ROAD PERRY, NY 14530</p> <p>PTM</p> <p>CAGE code: 9J559 <u>2/</u></p> | <p>PIONEER SCREW & NUT CO. 2700 YORK ROAD ELK GROVE VILLAGE, IL 60007</p> <div data-bbox="928 352 1015 447"></div> <div data-bbox="1242 352 1299 447"></div> <p>Indented hex heads and indented hex washer heads</p> <p>All other head styles slash- dot symbol to appear on bearing surface upon request</p> <p>CAGE code: 4N311 <u>2/</u></p> |
| <p>PINEY RIDGE CO. 177 JOSHUA ROAD SALUDA, SC 29138-7770</p> <p>PR</p> <p>CAGE code: 05DT2 <u>1/</u></p> | <p>PLAINVILLE MANUFACTURING CO., INC. 48 LEWIS ST. PLAINVILLE, CT 06062</p> <div data-bbox="1084 829 1198 1010"></div> <p>CAGE code: <u>2/</u></p> |
| <p>PINTO PRODUCTS P.O. BOX 83 2011 PALMER STREET KALAMAZOO, MI 49001</p> <div data-bbox="446 1203 609 1346"></div> <p>CAGE code: 0YJH8 <u>2/</u></p> | <p>PNEU-HYDRO PRODUCTS, INC. 353 RICHARD MINE ROAD WHARTON, NJ 07885</p> <p>PHP</p> <p>CAGE code: <u>2/</u></p> |
| <p>PIONEER MACHINE PRODUCTS, INC. 2200 DOLMAN ST. LOUIS, MO 63104</p> <p>PMP</p> <p>CAGE code: 12829 <u>2/</u></p> | <p>POINT MACHINE COMPANY P.O. BOX 8055 33 CAMBRIDGE HEIGHTS KENSINGTON, CT 06037</p> <div data-bbox="1003 1633 1279 1801"></div> <p>CAGE code: 9N716 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>POLYTECHNIC INDUSTRIES 14 ROLAND AVE. MOUNT LAUREL, NJ 08054</p>  <p>CAGE code: 4K539 <u>1/</u></p> | <p>PRD FASTENERS LTD. UNIT 10/15 MONMER CLOSE WILLENHALL, WV12 1JR ENGLAND</p>  <p>CAGE code: U8651 <u>1/</u></p> |
| <p>PORTLAND BOLT & MFG., CO. P.O. BOX 2866 1210 NW JOHNSON ST PORTLAND, OR 97208</p> <p>Plant 3441 NW GUAM ST PORTLAND, OR 97210-2688 CAGE code: 3QCS3</p>  <p>CAGE code: 3S498, 3QCS3 <u>1/</u></p> | <p>PRECI-MANUFACTURING, INC. 400 WEAVER STREET WINOOSKI, VT 05404-1391</p>  <p>CAGE code: 66841 <u>1/</u></p> |
| <p>PORTSMOUTH NAVAL SHIPYARD SEAVEY ISLAND KITTEERY, ME 03904</p>  <p>CAGE code: 81316 <u>1/</u></p> | <p>PRECISE AERO PRODUCTS 4120 INDUS WAY RIVERSIDE, CA 92503-4808</p>  <p>CAGE code: 00AE2 <u>1/</u></p> |
| <p>POWERPARTS, INC. P.O. BOX 38557 601 MCFARLAND STREET HOUSTON, TEXAS 77011</p>  <p>CAGE code: 66297 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

PRECISE OF CALIFORNIA
DIV OF ADJUSTABLE BUSHING CORP
8330 LANKERSHIM BLVD.
NORTH HOLLYWOOD, CA 91605



Panel fastener Quick-acting pins

CAGE code: 62372 2/

PRECISION AIRCRAFT MACHINING CO.,
INC. DBA PAMCO
10640 ELKWOOD STREET
SUN VALLEY, CA 91352

PAMCO

PAM

CAGE code: 66774 1/

PRECISION METAL PRODUCTS CO.
#7 CENTENNIAL DRIVE
CENTENNIAL INDUSTRIAL PARK
PEABODY, MA 01961-6026



CAGE code: 4V472 2/

PRECISION PARTS & TOOL CO., INC.
108 ROME STREET
FARMINGDALE, NJ 11735

L.P.R.

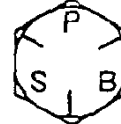
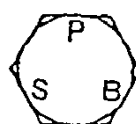
CAGE code: 2/

.PRECISION PIECE PARTS, INC.
712 S. LOGAN ST.
MISHAWAKA, IN 46544



CAGE code: 98072 2/

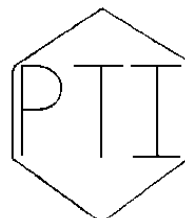
PRECISION SCREW & BOLT, INC.
1491 CHARDON ROAD
CLEVELAND, OH 44117-1598



GRADE 2 GRADE 5 GRADE 8

CAGE code: 02BC3 1/

PRECISION TECHNOLOGIES, INC.
1538 INDUSTRIAL AVE.
OTTAWA, KS 66067

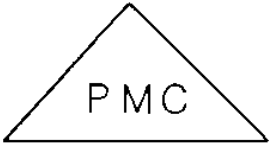
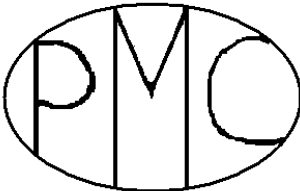


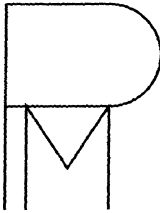



CAGE code: 2/

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>PRECISIONMATICS CO., INC. HELMER AVE. WEST WINFIELD, NY 13491</p>  <p>CAGE code: <u>2/</u></p> | <p>PRIETO MACHINE COMPANY, INC. 1785 STOUT DRIVE UNIT D WARMINSTER, PA 18974</p>  <p>CAGE code: 8Y298 <u>1/</u></p> |
| <p>PREM INDUSTRIES, INC. P.O. BOX 907 NIAGRA FALLS, NY 14302</p> <p>Plant 574-56th ST. NIAGRA FALLS, NY 14304</p>  <p>CAGE code: 4Y327 <u>2/</u></p> | <p>PRODUCT DEVELOPMENT GROUP, INC. P.O. BOX 177 ROSE HILLS, KS 67133</p>  <p>CAGE code: OMAR7 <u>2/</u></p> |
| <p>PRICE MANUFACTURING CO. 372 NORTH SMITH AVENUE CORONA, CA 91720</p>  <p>CAGE code: 1K6D8 <u>1/</u></p> | <p>PRODUCTION & TOOL COMPANY 240 SARGENT DRIVE NEW HAVEN, CT 06511</p>  <p>CAGE code: 8N334 <u>2/</u></p> |

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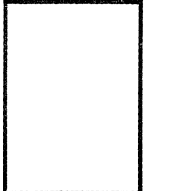






MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>PRODUCTS DESIGN & MFG. CORP. P.O. BOX 11429 NEWINGTON, CT 06111</p> <p>Plant 76 STANWELL RD. NEWINGTON, CT 06111</p> <p>8M938</p> <p>CAGE code: <u>2/</u></p> | <p>PTM INTERNATIONAL INC. 8050 NW 31ST MIAMI, FL 33122</p> <p>P</p> <p>CAGE code: 0S6M6 <u>2/</u></p> |
| <p>PRO-MACHINE & TOOL COMPANY 792 BLAKE BOTTOM RD. HUNTSVILLE, AL 35806</p> <p>PMT</p> <p>CAGE code: IDS66 <u>2/</u></p> | <p>PURITAS METAL PRODUCTS 7720 RACE RD NORTH RIDGEVILLE, OH 44039-3614</p> <p>PMP</p> <p>P</p> <p>CAGE code: 04368 <u>1/</u></p> |
| <p>PROMPTUS ELECTRONIC HARDWARE 520 HOMESTEAD AVENUE MT. VERNON, NY 10550</p> <p>PEH</p> <p>CAGE code: 57177 <u>2/</u></p> | <p>PYE & HOGAN MACHINE CO. P. O. BOX 832 167-1 ELM ST OLD SAYBROOK, CT 06475-4134</p> <p>MFR06320</p> <p>CAGE code: 06320 <u>1/</u></p> |
| <p>PROTO MACHINE CO., INC. P.O. BOX 1240 1295 GOLDEN TRIANGLE BLVD. KEELER, TX 76248</p> <p>P</p> <p>CAGE code: 0AWM2 <u>2/</u></p> | <p>QRP, INC. P.O. BOX 832 2307 MERCANTILE DR NE LELAND, NC 28451-4065</p> <p>09094</p> <p>CAGE code: 09094 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>QSN MANUFACTURING, INC. 201 FRONTIER WAY BENSENVILLE, IL 60106</p>  <p>CAGE code: 0MDU6 <u>2/</u></p> | <p>QUALITY SCREW PRODUCTS, INC. P.O. BOX 2355 35101 SCHOOLCRAFT ROAD LIVONIA, MI 48151</p>  <p>CAGE code: 4F051 <u>2/</u></p> |
| <p>QUALITY AIRCRAFT SCREWS, INC. 1030-A ORTEGE WAY PLACENTIA, CA 92670</p>  <p>CAGE code: <u>2/</u></p> | <p>QUALITY SOCKET SCREW MANUFACTURING CORP. 2790 NORTH AVE. ENGLEWOOD, IL 34224</p>  <p>Socket head cap screw head marked for I.D. QSS</p> <p>CAGE code: 5N116 <u>1/</u></p> |
| <p>QUALITY FABRICATIONS, INC. 3270 WROLSSEN DRIVE SAUGERTIES, NY 12477</p>  <p>CAGE code: IJB77 <u>2/</u></p> | <p>QUALITY THREADED PRODUCTS COMPANY 4734 HIGHWAY 157 N. JUDSONIA, ARKANSAS 72081</p>  <p>CAGE code: 0RXV6 <u>2/</u></p> |
| <p>QUALITY MACHINE & MFG INC. 1316 BLACK VALLEY ROAD LAFOLLETTE, TN 37766</p>  <p>CAGE code: 1DB71 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

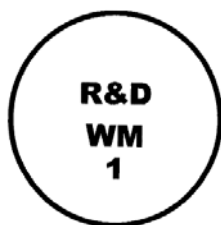
R & D FASTENERS
P. O. BOX 250
9604 7TH ST
RANCHO CUCAMONGA , CA 91730



CAGE code: 05BE3

2/

R & D WELDING & MACHINE INC.
1200 GEORGIA AVE.
WARNER ROBBINS, GA 31093



CAGE code: 1H3J7

2/

R & I ENTERPRISES
DBA COMPULOGIC DESIGN CO.
233 PAREDES LINE RD.
BROWNSVILLE, TX 78521

R.I.E.

CAGE code: 1CHU5

1/

R & R PRECISION
604 S. 9TH ST.
GUNNISON, CO 81230

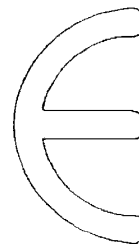


CAGE code: 0GKX6

2/

R B & W CORPORATION
A PARK-OHIO COMPANY
5190 BRADCO BLVD.
TORONTO, ONTARIO
CANADA

Plant
DELAWARE CORPORATION
8341 TYLER BLVD
MENTOR, OH 44060



R B
W

or
E
or
E.
or
E



SAE J995
Grade 5
hex nuts

L 5 L 8 L 9

XP exposure protected
ASTM A325 Type 3
bolts and nuts



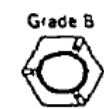
SAE J995
Grade 8
hex nuts



OVALOK® TRI-OVAL®
prevailing torque
locknuts



UNA-DRIV®
SYSTEM



Grade B

Grade C



RAI-LOCK®
SYSTEM

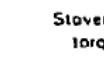


Class 9

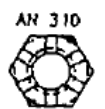
Class 10



LAMSEAL®
SYSTEM



Stover® prevailing
torque locknuts



AN 310
Castellated



AN 320
Slotted



RB&W Nuts

Not Otherwise
Specified
(Dots at 180°)

CAGE code: 52167

Continued

2/

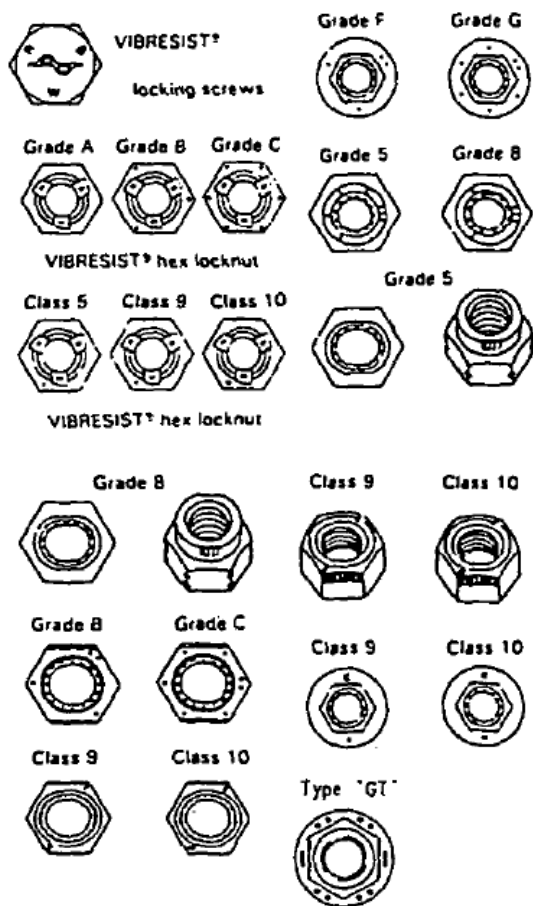
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MIL-HDBK-57E (IS)

Continued

R B & W CORPORATION



CAGE code: 52167

2/

R. BILD COMPANY, INC.
15205 STAGG STREET
VAN NUYS, CA 91405-1003



CAGE code: 04QM7

1/

R.E.C. CORP.
10 BEACH ST.
MOUNT VERNON, NY 10550

R

Used on all alloy and stainless
steel bolts, studs, and nuts over ½
inch in diameter.

CAGE code: 86687

2/

RABOURDIN
ZI R DES MARAIS
P.O. BOX BP 157
ST. JUST EN CHAUSSEE,
FRANCE 60130

GR

CAGE code: F4870

2/

RADAX INDUSTRIES, INC.
700 BASKET ROAD
WEBSTER, NY 14580



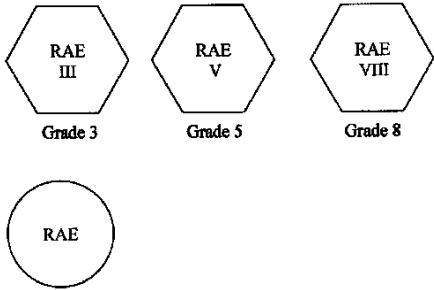
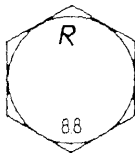


CAGE code: 6V794

2/

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MIL-HDBK-57E (IS)

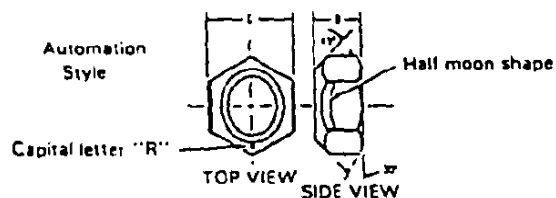
| | |
|--|--|
| <p>RAE MANUFACTURING CO. 1327-1331 CEDAR STREET PORT HURON, MI 48060-6167</p> <div data-bbox="272 359 703 646">  <p>RAE III RAE V RAE VIII</p> <p>Grade 3 Grade 5 Grade 8</p> <p>RAE</p> </div> <p>CAGE code: 3FDT8 1/</p> | <p>RAM PRODUCTS AFS TORRANCE OPERATIONS 3016 WEST LOMITA BLVD. TORRANCE, CA 90505-5103</p> <p>(Corporate office see ALCOA FASTENING SYSTEMS)</p> <p style="text-align: center;">RAM</p> <p>CAGE code: 0CBU7</p> |
| <p>RAHMEDE SCHRAUBENFABRIK WEFELSHOHLER STR 44 D-5880 LUDENSCHIED GERMANY</p> <div data-bbox="453 936 587 1087">  </div> <p>CAGE code: D9901 2/</p> | <p>RAM THREADING, INC. P.O. BOX 987 BEAUMONT, TEXAS 77704</p> <p style="text-align: center;">Plant 2640 CROCKETT BEAUMONT, TX 77701</p> <p style="text-align: center;">R</p> <p style="text-align: center;">Centered over grade of material being stamped</p> <p>CAGE code: 1Y826 2/</p> |
| <p>RAINBOW MACHINE PRODUCTS, INC. P.O. BOX 1906 226 WILLIS ROAD YORK, PA 17405</p> <div data-bbox="475 1350 570 1440">  </div> <p>CAGE code: 9S535 2/</p> | <p>RAMAR NUTS, INC. 18401 WEAVER ST. DETROIT, MI 48228</p> <p style="text-align: center;">R</p> <p>CAGE code: 4L633 2/</p> |
| <p>RAM ENTERPRISES 1382 CORONADO ST LONG BEACH, CA 90804</p> <div data-bbox="415 1696 626 1791">  </div> <p>CAGE code: OU3C8 2/</p> | |

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MIL-HDBK-57E (IS)

RAMCO SPECIALTIES, INC.
5369 HUDSON DRIVE
HUDSON, OH 44236



CAGE code: 6U460

1/

RAMM DEFENSE PRODUCTS
3161 D MAJOR ST
FORT WORTH, TX 76112-7270



CAGE code: 0BRC1

1/

RATHMANN WALTER G. SEGMENT-
KLAMMERSCHRAUBEN GMBH
ALTE EMSER STRASSE 32
KOBLENZ, 56077
GERMANY



CAGE code: C6486

2/

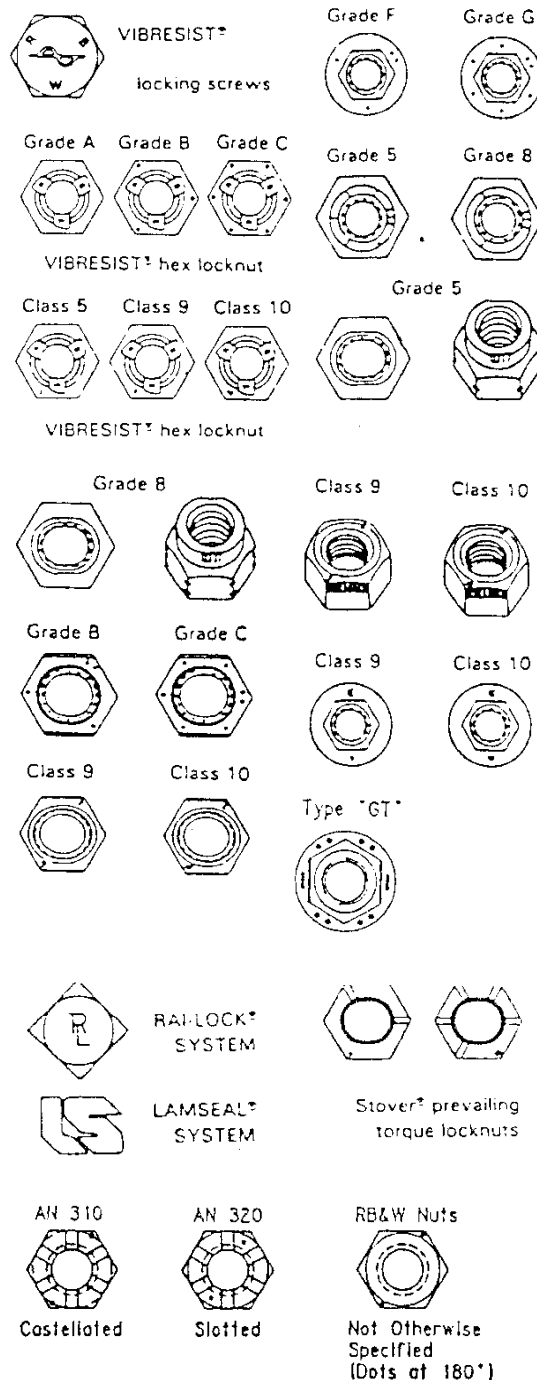
RA-WHITE, INC
967 WEST HYDE PARK BOULEVARD
INGLEWOOD, CA 90302



CAGE code: 5Y319

2/

RB & W CORP.
23001 EUCLID AVE.
CLEVELAND, OH 44117



CAGE code: 0VZJ0

2/

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MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>REED INSTRUMENT CO. 1525 BLALOCK ROAD HOUSTON, TX 77080</p>  <p>CAGE code: 3B132 2/</p> | |
| <p>REGAL AIR, INC. P.O. BOX 1011 108 E. ALABAMA MT. PLEASANT, TX 75455</p> <p style="text-align: center;">4J976</p> <p>CAGE code: 4J976 2/</p> | <p>(see ALCOA FASTENING SYSTEMS)</p> <p>REXNORD SPECIALITY FASTENERS DIVISION (NOW: ALCOA FASTENING SYSTEMS, TRIDAIR PRODUCTS) 3000 WEST LOMITA BLVD TORRANCE, CA 90505</p>     <p>(NOW: ALCOA FASTENING SYSTEMS) CAMLOC PRODUCTS 601 ROUTE 46 WEST HASBROUCK HEIGHTS, NJ 07604</p> |
| <p>REID PRODUCT INC. 21430 WAALEW RD APPLE VALLEY, CA 92307</p> <p style="text-align: center;">Rp 9R R9</p> <p>CAGE code: 59563 1/</p> |    <p>(NOW: ALCOA FASTENING SYSTEMS) ROSAN PRODUCTS 3130 W. HARVARD ST. SANTA ANA, CA 92704</p> |
| <p>RELIANT FASTENER 201 E. 2ND STREET ROCK FALLS, IL 61071</p>  <p>CAGE code: 2/</p> | <p style="text-align: center;">RI</p> <p>CAGE code: 76017 2/</p> |
| <p>REPUBLIC FASTENER MANUFACTURING CORP. 1300 RANCHO CONEJO BOULEVARD NEWBURY PARK, CA 91320-1405</p> <p style="text-align: center;">R</p> <p>CAGE code: 52828, 71087 1/</p> | <p>RICHARD MFG. CO., INC. 250 ROCK LANE MILFORD, CT 06460-3853</p>  <p>CAGE code: 4A014 1/</p> |

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MIL-HDBK-57E (IS)

RINCO TECHNOLOGIES, INC.
10275 PHILADELPHIA CT.
RANCHO CUCAMONGA, CA 91730



CAGE code: 4NG33

1/

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 DEVISION
22100 SHERWOOD AVE.
WARREN, MI 48091



SEMCO FASTENER
4146 EAST BALDWIN RD.
HOLLY, MI 48442



TITAN FASTENER
10031 HOLLY RD.
HOLLY, MI 48442

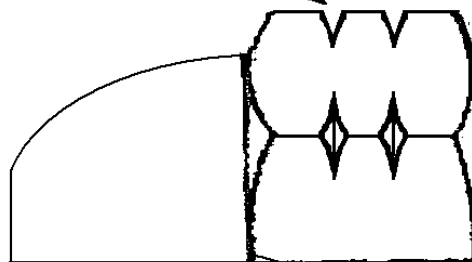


CAGE code: 0B2C8

2/

RIPPA PRODUCTS
P.O. BOX 328
5 MILE POINT RD
MOHAWK, MI 49950

Notch
60 included angle .020 deep



CAGE code: 0R7Z5

2/

RISCO, INCORPORATED
390 RISCO CIRCLE
BEAUMONT, CA 92223-2676

01DC

CAGE code: 6W027

2/

RIVER VALLEY TOOL & MANUFACTURING
P. O. BOX 64
260 AIRPORT INDUSTRIAL ROAD
PARIS, AR 72855

RVT

CAGE code: 3K1M6

1/

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MIL-HDBK-57E (IS)

RIVNUT ENGINEERED PRODUCTS, INC.
2705 MARION DRIVE
KENDALLVILLE, IN 46755

REP

CAGE code: 0VK23

2/

RMS
1125 W ACACIA AVE
HEMET, CA 92543

R M S

CAGE code:

2/

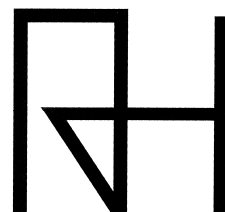
ROBBINS MANUFACTURING
P.O. BOX 704
1200 AIRPORT ROAD
FALL RIVER, MA 02722



CAGE code: 8T312

1/

ROBERT HENRY CO., INC.
87 OPAL STREET
MILFORD, CT 06460



CAGE code: 9J112

2/

ROCKFORD BOLT & STEEL CO.
(SUBSIDIARY OF VARLEN CORPORATION)
126 MILL ST
ROCKFORD, IL 61101-1491



CAGE code: 90483

1/

ROCKFORD FASTENERS INC.
P.O. BOX 884
ROCKFORD, IL 61105

Plant
725 SOUTH STREET
ROCKFORD, IL 61102



CAGE code: 0B998

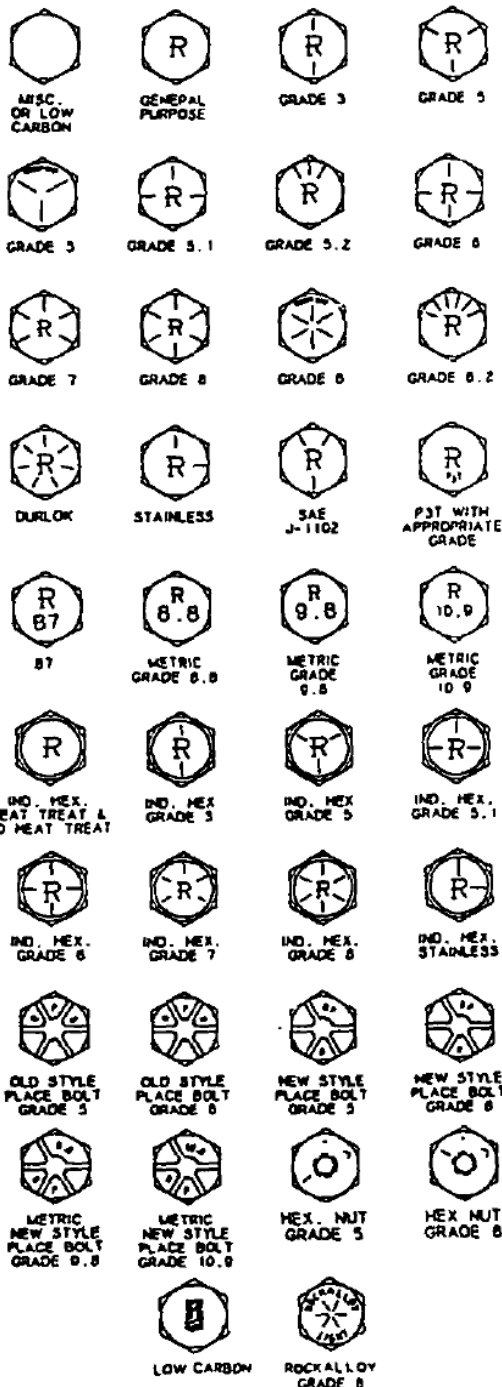
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MIL-HDBK-57E (IS)

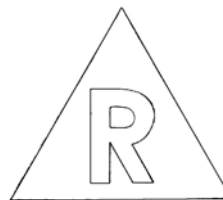
ROCKFORD PRODUCTS CORP.
707 HARRISON AVE
ROCKFORD, IL 61108



CAGE code: 77595

2/

ROGG MANUFACTURING COMPANY
600 DANBURY ROAD
NEW MILFORD, CT 06776



CAGE code: 08625

2/

ROMAC ELECTRONICS, INC.
155 E. AMES CT.
PLAINVIEW, NY 11803

8T968

CAGE code: 8T968

2/

RONSON MANUFACTURING, INC.
9933 CHILLICOCTHE ROAD
KIRKLAND, OH 44094

R

CAGE code: 2X146

1/

ROSAN PRODUCTS
AFS TORRANCE OPERATIONS
3018 WEST LOMITA BLVD.
TORRANCE, CA 90505-5103

(Corporate office see ALCOA FASTENING SYSTEMS)

RI

CAGE code: 83324

1/

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MIL-HDBK-57E (IS)

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

1/

RS MANUFACTURING, INC.
INDUSTRIAL PARK BLVD.
MENTOR, OH 44060

RS



CAGE code: 0MYK3

2/

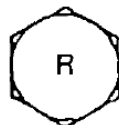
RUDOLPH INSTRUMENTS, INC.
400 MORRIS AVE STE 120
DENVER, NJ 07834-1362

RI

CAGE code: 23262

2/

RUMCO, INC.
985 PAULY DR.
ELK GROVE VILLAGE, IL 60007-1312



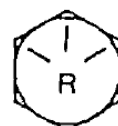
GRADE 2



GRADE 5



GRADE 5.1



GRADE 5.2



GRADE 8

CAGE code: 6Z992

2/

RUSCOMB TOOL & MACHNE CO., INC.
500 W. RUSCOMB STREET
PHILADELPHIA, PA 19120



RTM

CAGE code: 07952

2/

S & L METAL PRODUCTS CORP.
5829 57TH DR
MASPETH, NY 11378-2232

S&L

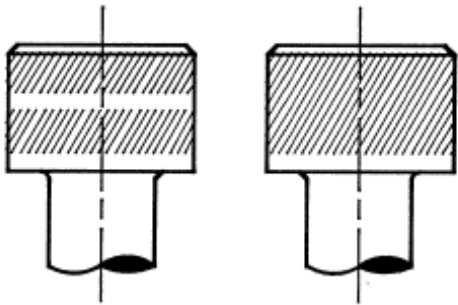
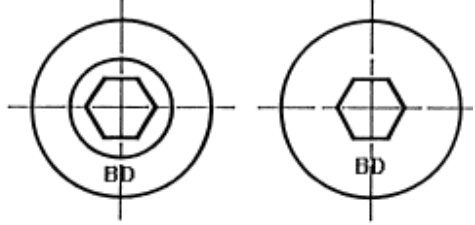
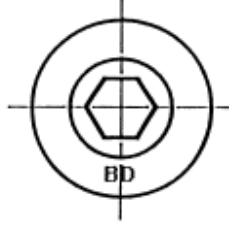
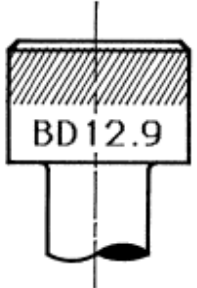
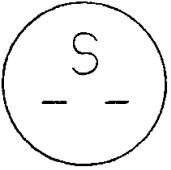
CAGE code: 05722

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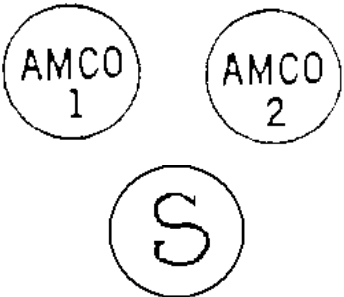



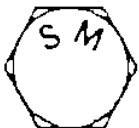

MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>S. B. E. (ITALY CORPORATION) VIA ENRICO DERMI 20019 SETTIMO MILANESE, ITALY</p> <p>SBE</p> <p>CAGE code: <u>2/</u></p> | <p>SAFETY SOCKET SCREW CORP. (ENGINEERING DEPARTMENT) 6501 NORTH AVONDALE AVE. CHICAGO, IL 60631</p> <p>INCH SOCKET HEAD CAP SCREWS</p>  <p>FLAT HEAD CAP SCREWS AND SOCKET HEAD SHOULDER SCREWS</p>  <p>BUTTON HEAD CAP SCREWS</p>  <p>METRIC SOCKET HEAD CAP SCREWS</p>  <p>"BD" AND THE 60° DIAGONAL KNURL ARE REGISTERED TRADEMARKS OF SAFETY SOCKET SCREW CORPORATION FOR THE PURPOSE OF MANUFACTURERS IDENTIFICATION</p> <p>BD BDM</p> <p>CAGE code: 82896 <u>2/</u></p> |
| <p>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</p> <p>A.L.</p> <p>CAGE code: <u>2/</u></p> | |
| <p>S.I. STUD, INC. 1127 SILBER RD. HOUSTON, TX 77055</p>  <p>CAGE code: <u>2/</u></p> | |
| <p>SABRE MANUFACTURING, INC. P.O. BOX 11386 201 S. CHERRY ST. SOUTH BEND, IN 46601</p> <p>S</p> <p>CAGE code: 0GN74 <u>2/</u></p> | |

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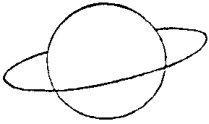
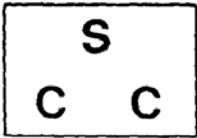
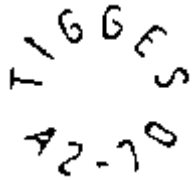
MIL-HDBK-57E (IS)

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|---|---|
| <p>SAGA TEKKOSHO CO., LTD. 129-3 TAKAYA FUJISAWA-CITY KANAGAWA PREF., JAPAN</p>  <p>CAGE code: <u>2/</u></p> | <p>SANDIK MANUFACTURING, INC. 100 8TH STREET PASSAIC, NJ 07055</p>  <p>CAGE code: 6U704 <u>2/</u></p> |
| <p>SAI INDUSTRIES CORP. 1207 FULTON AVENUE SAN ANTONIO, TX 78201-4501</p>  <p>CAGE code: 1KQ10, 63095 <u>2/</u></p> | <p>SANNOHASHI SEISAKUSHO CO., LTD. 2-1-18 OKINO ADACHI-KU TOKYO 123 JAPAN</p>  <p>CAGE code: <u>2/</u></p> |
| <p>SALES SYSTEM, LIMITED P.O. BOX 7006 700 FLORIDA AVE. PORTSMOUTH, VA 23707-1918</p>  <p>CAGE code: 8F411 <u>1/</u></p> | <p>SANTA ANA GEAR & MACHINE 15201 PIPELINE LN. HUNTINGTON BEACH, CA 92649</p>  <p>CAGE code: <u>2/</u></p> |
| <p>SAMUEL MARSDEN & SON WELLINGTON RD. ASHTON UNDER LYNE, LANCASHIRE OL6 7EG UNITED KINGDOM</p>  <p>CAGE code: <u>2/</u></p> | <p>SANTA ANA SCREW PRODUCTS INC. SANTA ANA, CA 92701</p>  <p>CAGE code: 33644 <u>2/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

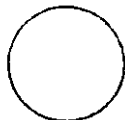

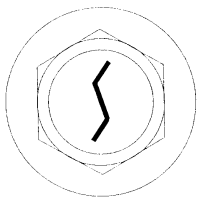





2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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| <p>SATAIR MANUFACTURING FACILITY PURDEYS WAY PURDEYS INDUSTRIAL ESTATE ROCHFORD ESSEX SS5 4JJ UK</p> <p>SMF</p> <p>CAGE code: K4975 <u>1/</u></p> | <p>SCHRAUBENFABRIK GUSTAV STERNBERG GmbH & CO. KG 1000 BERLIN 27 BREITENBACHSTRASSE 11-12 GERMANY</p>  <p>Symbol may be raised or struck in.</p> <p>CAGE code: <u>2/</u></p> |
| <p>SATURN FASTENERS, INC. 425 SO. VARNEY ST. BURBANK, CA 91502-2125</p>  <p>CAGE code: 0K6Z0 <u>1/</u></p> | <p>SCHUHL & CO. GMBH AUF DER HUTTE 31 WINTERBURG 59955 GERMANY</p> <p>S</p> <p>CAGE code: C3639 <u>2/</u></p> |
| <p>SCANDIA MFG. CO., INC. 480 BRUNSWICK ST. BALTIMORE, MD 21223-2745</p> <p>SCA</p> <p>CAGE code: 00997 <u>1/</u></p> | <p>SCOTT CRAFT CO. P.O. BOX 430 BELL, CA 90201</p> <p>Plant 4601 CECELIA STREET CUDAHY, CA 90201</p>  <p>CAGE code: 28418 <u>2/</u></p> |
| <p>SCHMICO GMBH SCHWEISSTECHNIK P. O. BOX 12 29 PETER-LINNARTZ-STRASSE JUELICH 52428, GERMANY</p>  <p>CAGE code: C15191 <u>2/</u></p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

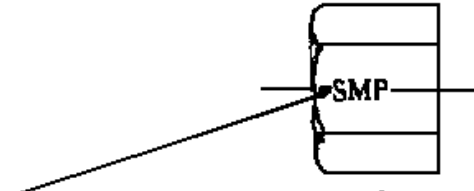

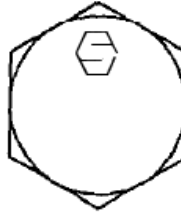



MIL-HDBK-57E (IS)

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| <p>SCREWCORP. (A DIVISION OF VSI) 13001 EAST TEMPLE AVE. CITY OF INDUSTRY, CA 91714</p>  <p>Indented circle on all fasteners, except machine screws.</p> <p>CAGE code: 9H901 2/</p> | <p>SESCO INDUSTRIES, INC. P. O. BOX 242 110 - 19 15TH AVENUE COLLEGE POINT, NY 11356</p>  <p>CAGE code: 0KH97 1/</p> |
| <p>SEMBLEX CORP. 199 W. DIVERSEY AVE ELMHURST, IL 60126</p>  <p>CAGE code: 4M343 1/</p> | <p>SHACKELFORD MACHINIG, INC. 2407 LUDELLE ST. FORT WORTH, TX 76105-0755</p>  <p>CAGE code: 4K446 1/</p> |
| <p>SEMCO FASTENER 4146 EAST BALDWIN RD. HOLLY, MI 48442</p> <p>See RING SCREW WORKS</p>  <p>CAGE code: 0B2C8 1/</p> | <p>SHAMROCK FASTENER TECHNOLOGIES, LLC. 6125 18 MILE ROAD STERLING HEIGHTS, MI 48314</p> <p>SHAMROCK IN CIRCLE</p>  <p>GRADE DESIGNATION</p> <p>SFT LOGO</p>  <p>GRADE DESIGNATION</p> <p>CAGE code: 05CF6 2/</p> |
| <p>SENG HENG ENGINEERING PTE LTD. NO. 3 EUNOS AVE. 8A SINGAPORE 409458 REPUBLIC OF SINGAPORE</p>  <p>CAGE code: 1/</p> | |

1/ Information published in this revision was verified by direct contact with manufacturers.



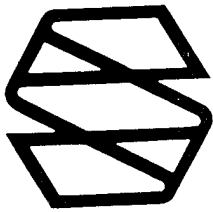




2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

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|--|--|
| <p>SHAW PRECISION GRINDING & THREADING 6503 W. FRYE RD. SUITE 6 CHANDLER, AZ 85226</p> <p>SALES ADDRESS SEE: ACE GRINDING & MFG. OF TEXAS 2610 AERO DR. GRAND PRAIRIE, TX 75052 CAGE code: 5U074</p> <p>SPG</p> <p>CAGE code: 1KRG8 <u>1/</u></p> | <p>SHORELINE MACHINE PRODUCTS, INC. 19301 ST. CLAIR AVENUE CLEVELAND, OH 44117</p>  <p>SMP will be applied to this surface to denote Shoreline Machine Products as manufacturer.</p> <p>CAGE code: 1VN42 <u>1/</u></p> |
| <p>SHEFFIELD, INC. 1025 WINCHESTER AVE. KANSAS CITY, MO 64126</p> <p>S</p> <p>CAGE code: 68567 <u>2/</u></p> | <p>SHUR-KUT SUPPLY CORPORATION 7 MT. PLEASANT DR. ASTON, PA 19014</p>  <p>CAGE code: 6R002 <u>1/</u></p> |
| <p>SHIGA BOLT CO., LTD. OTSU 423 MINAMI-TSUCHIYAMA TSUCHIYAMA-CHO, KOHGA-GUN SHIGA- KEN 528-02 JAPAN</p>  <p>CAGE code: <u>2/</u></p> | <p>SHUR-LOK COMAPNY. (SPS FASTENERS DIVISION , A PCC COMPANY) 2541 WHITE ROAD IRVINE, CA 92614 - 6235</p>    <p>CAGE code: 97393 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

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|---|---|
| <p>SIERRA PACIFIC SUPPLY CO., INC. P. O. BOX 4848 COMPTON, CA 90224</p> <p>Plant: 1801 W EL SEGUNDO BLVD COMPTON, CA 90224</p>  <p>CAGE code: 5G098 1/</p> | <p>SINN-TECH, INC. 48 GLEAM STREET WEST BABYLON, NY 11704</p>  <p>CAGE code: 9J550 1/</p> |
| <p>SIERRACIN/HARRISON 3020 EMPIRE AVENUE BURBANK, CA 91504</p>  <p>CAGE code: 08199 2/</p> | <p>SKY MANUFACTURING 5989 RICCKENBACKER ROAD COMMERCE, CA 90040</p>  <p>CAGE code: 1CNU4 1/</p> |
| <p>SIMMONDS PRODUCTS AFS ST. COSME OPERATIONS 9 RUE DES CRESSONNIERES 72110 ST. COSME-EN-VAIRAIS FRANCE</p> <p>(Corporate office see ALCOA FASTENING SYSTEMS)</p>  <p>CAGE code: F0224 1/</p> | <p>SKYLINE INDUSTRIES 1201 FORUM WAY SOUTH FORT WORTH, TX 76140</p>  <p>CAGE code: 09986 2/</p> <p>SKYSPARES PARTS, INC. 6660 VIEW PARK COURT RIVERSIDE, CA 92503</p>  <p>CAGE code: 6M132 2/</p> |

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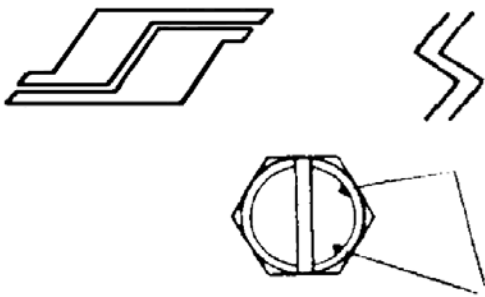



MIL-HDBK-57E (IS)

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|---|--|
| <p>SLABE MACHINE PRODUCTS 4659 HAMANN PARKWAY WILLOUGHBY, OH 44094</p>  <p>CAGE code: 97139 1/</p> | <p>SONFARREL, INC. 3000-3010 LA JOLLA ST. ANAHEIM, CA 92806</p>  <p>CAGE code: 09036 2/</p> |
| <p>SMITH MACHINE & MANUFACTURING RT. 4 P.O. BOX 283 CANTON, TX 75103</p>  <p>CAGE code: 0MAJO 2/</p> | <p>SONIC INDUSTRIES, INC. 20030 SO. NORMANDIE AVE. TORRANCE, CA 90502</p>  <p>CAGE code: 57928 1/</p> |
| <p>SMITH WELDING, INC. 756 PRUNNER ROAD RIDDLE, OR 97469</p>  <p>CAGE code: 1GQX1 1/</p> | <p>SOUTH BAY BOLT MANUFACTURING CO. P.O. BOX 5805 COMPTON, CA 90224</p> <p>Plant 1775 W. El Segundo Blvd. Compton, CA 90222</p>  <p>CAGE code: 2P339 2/</p> |

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MIL-HDBK-57E (IS)

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|---|---|
| <p>SOUTHERN FASTENER CORPORATION P. O. BOX 1387 1641 CONCEPTION STREET ROAD MOBILE, AL 36610</p> <p>SF</p> <p>CAGE code: 1K461 <u>1/</u></p> | <p>SOUTHWEST INDUSTRIAL SERVICES P. O. BOX 9084 FT. WORTH, TX 76147</p> <p>Plant 2413 WHITMORE FT. WORTH, TX 76147</p> <p>SI</p> <p>CAGE code: 6H920 <u>2/</u></p> |
| <p>SOUTHERN FASTENING SYSTEMS (DIVISION OF FARLEY METALS, INC.) P.O. BOX 1360 STATESVILLE, NC 28677</p>  <p><i>2 notches for slotted heads only</i></p> <p>CAGE code: 87308 <u>2/</u></p> | <p>SOUTHWIND INDUSTRIES, INC. P.O. BOX 98 1646 OILD BUTLER PLANK RD. PITTSBURGH, PA 15200</p>  <p>CAGE code: 0DTJ0 <u>2/</u></p> |
| <p>SOUTHWEST ALLIED PRODUCTS CO., INC. 299 HILL RD. VANLEER, TN 37181</p>  <p>CAGE code: 6P461 <u>2/</u></p> | <p>SPACE AGE ENGINEERING, INC. 4022 E. 26TH STREET INDIANAPOLIS, IN 46218</p>  <p>CAGE code: 29953 <u>2/</u></p> |
| | <p>SPACE SCREW, INC. 106 STANDARD ST. EL SEGUNDO, CA 90245</p> <p>SpSc</p> <p>CAGE code: 0GE51 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

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| <p>SPACE-LOK, INC. 13306 HALLDALE AVE. GARDENA, CA 90249</p> <p style="text-align: center;">SLI</p> <p>CAGE code: 16258 <u>1/</u></p> | <p>SPECIAL-T-METALS P.O. BOX 14810 LENEXA, KS 66215</p> <p style="text-align: center;">Plant 14740 WEST 101 TERRACE LENEXA, KS 66215</p> <p style="text-align: center;">STM</p> <p>CAGE code: 8U495 <u>2/</u></p> |
| <p>SPARTAN PRECISION MACHINE 131 ALBANY AVE FREEPORT, NY 11520</p> <p style="text-align: center;"></p> <p>CAGE code: 2M198 <u>2/</u></p> | <p>SPECIALTY SCREW CORP. P.O. BOX 5003 ROCKFORD, IL 61125</p> <p style="text-align: center;">Plant 2801 HUFFMAN BLVD. ROCKFORD, IL 61103</p> <p style="text-align: center;">S</p> <p>CAGE code: 1WQE5 <u>2/</u></p> |
| <p>SPECIALS, INC. P.O. BOX 514 103 MAINLINE DRIVE WESTFIELD, MA 01086-0514</p> <p style="text-align: center;"></p> <p>CAGE code: 0WVC1 <u>1/</u></p> | <p>SPIRAL TOOL CORP. 761 ROUTE 6 SHOHOLA, PA 18458</p> <p style="text-align: center;"></p> <p>CAGE code: 02108 <u>1/</u></p> |

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MIL-HDBK-57E (IS)

SPS TECHNOLOGIES
FASTENER DIVISION CORPORATE
HEADQUARTERS
JENKINTOWN, PA 19046-2630

SPS AREOSPACE FASTENER COPANIES

SPS TECHNOLOGIES (Cage 56878)
301 HIGHLAND AVENUE
JENKINTOWN, PA 19046-2630

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

SPS TECHNOLOGIES (Cage 80539)
SANTA ANA DIVISION
271 SO. HARBOR BLVD.
SANTA ANA, CA 92704-1259

SPS SPS S S

CAGE code: 56878, 80539,
Continued

1/

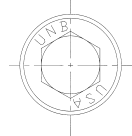
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SPS TECHNOLOGIES (Cage K5673)
T. J. BROOKS DIVISION
191, BARKBY ROAD'
TROON INDUSTRIAL AREA
LEICESTER LE4 9HX
ENGLAND



SPS ENGINEERED PRODUCTS GROUP

SPS TECHNOLOGIES (Cage 1C5D9)
NORTH AMERICAN FASTENERS
(AFG DIV)
4444 LEE ROAD
CLEVELAND, OH 44128-2902



UNB

SPS TECHNOLOGIES (Cage 495T1)
NORTH AMERICAN FASTENERS
DBA TERRY MACHINE
5331 DIXIE HWY
WATERFORD, MI 48329



SPS TECHNOLOGIES (Cage U3575)
P O BOX 38
BURNABY ROAD
COVENTRY CV 6 AE, ENGLAND

SPS INTERNATIONAL LTD. (Cage S3329)
UNBRACO 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



UNBRACO PTY LTD. AUSTRALIA
P.O. BOX 3138 NUNAWADING
VICTORIA 3131, AUSTRALIA

U UM

CAGE code: K5673, 1C5D9, 495T1, U3575,
S3329

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

SPS TECHNOLOGIES LIMITED
T/A UNBRACO UK
CRANFORD STREET
SMETHWICK
B66 2TA
UNITED KINGDOM

TBJ

CAGE code: U3575

SPS TECHNOLOGIES LIMITED
TJ BROOKS DIVISION
(UNITED KINGDOM CORPORATION))
191 BARKBY ROAD
TROON INDUSTRIAL AREA
LEICESTER
LE4 9HX
UNITED KINGDOM

TBJ

CAGE code: K5673

2/

SPURWAY COOKE INDUSTRIES PTE LTD.
2, JOO KOON ROAD
JURONG SINGAPORE 628966
REPUBLIC OF SINGAPORE

S
C I

CAGE code:

1/

SRI SAI INDUSTRIES CORPORATION
1207 FULTON AVENUE
SAN ANTONIO, TX 78201-5104

S

CAGE code: 63095

1/

ST. LOUIS SCREW & BOLT CO.
6900 NORTH BROADWAY
ST. LOUIS, MO 63147



TYPE I



TYPE III

CAGE code:

2/

STALKER & DYSTHE, INC.
5100 E. WASHINGTON BLVD.
LOS ANGELES, CA 90040

SD




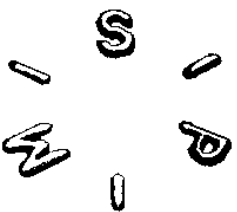

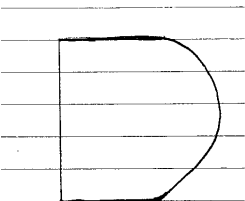

CAGE code: 6D696

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

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| <p>STANDARD LOCKNUT, INC. P. O. BOX 780 1045 EAST 169TH STREET WESTFIELD, INDIANA 46074</p>  <p>CAGE code: 78507 <u>2/</u></p> | <p>STEEL CITY BOLT & SCREW, INC. P.O. BOX 1747 BIRMINGHAM, AL 35201</p> <p>Plant 230 WEST VALLEY AVE. BIRMINGHAM, AL 35209</p>  <p>CAGE code: 3N642 <u>2/</u></p> |
| <p>STANDARD NUT & BOLT, INC. 49 ABBOTT ST. CUMBERLAND, RI 02864</p>  <p>CAGE code: 758C9 <u>2/</u></p> | <p>STEEL PRODUCTS OF MASSILLION 132 WALNUT RD S.W. MASSILLION, OH 44646</p>  <p>CAGE code: 0698X <u>2/</u></p> |
| <p>STANDARD TOOL & MACHINE CO. 205 E. CARSON ST. PITTSBURGH, PA 15219</p> <p>Plant 208 WOODLAND RD. BIAWNOX, PA 15238</p> <p>See HALL INDUSTRIES</p>  <p>CAGE code: 0KA69 <u>2/</u></p> | <p>STEEL WAREHOUSE COMPANY, INC. 2722 WEST TUCKER DRIVE BOX 1377 SOUTH BEND, IN 46624</p>  <p>CAGE code: 0R1J8 <u>2/</u></p> |
| <p>STEADFAST CORPORATION 229 MARGINAL ST. CHELSEA, MA 02150</p>  <p>CAGE code: 9X854 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

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

2/

Continued

STELCO FASTENER & FORGING CO.
1250 APPLEBY LINE
BULINGTON, ONTARIO L71 5G6
CANADA

HI-HEX CONELOK LOCKNUTS
Inch series



Grade B



Grade C

Metric series



Class 5



Class 9



Class 10

Bearing surface

CAGE code:

2/

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 exter-
nally threaded fasteners, cold
headed.



3/4 in. through 2 1/4 in reg. hex
bolts, heavy hex bolts, square
head bolts, and specialty exter-
nally 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:

2/

1/ Information published in this revision was verified by direct contact with manufacturers.


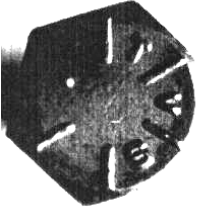
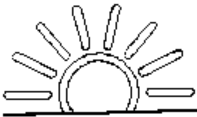

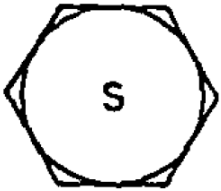
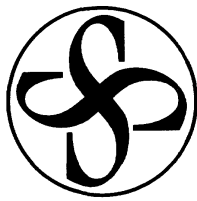
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>STERLING MACHINE COMPANY 23 FARRAR STREET LYNN, MA 01901-1699</p> <p style="text-align: center;">2</p> <p style="text-align: center;"></p> <p>CAGE code: 03983 <u>1/</u></p> | <p>STEVENS MFG. CO., INC. P.O. BOX 3041 MILFORD, CT 06460</p> <p style="text-align: center;">Plant 280 ROCK LANE MILFORD, CT 06460</p> <p style="text-align: center;">MFR 8F781</p> <p style="text-align: center;">8F781</p> <p>CAGE code: 8F781 <u>2/</u></p> |
| <p>STERLING MARKING PRODUCTS IC P.O. BOX 3360 STA A 349 RIDOUT ST N LONDON, ONTARIO, CANADA NGA 4K3</p> <p style="text-align: center;"></p> <p style="text-align: center;"></p> <p>CAGE code: 37084 <u>2/</u></p> | <p>STILLWATER FASTENERS, INC. 25 GURNEY ROAD EAST FREETOWN, MA 02717-1107</p> <p style="text-align: center;">SW & ..</p> <p style="text-align: center;">Symbols are "SW", ampersand ("&") or "..."</p> <p>CAGE code: 1Y153 <u>1/</u></p> |
| <p>STERLING MFG. & SUPPLY, INC. P.O. BOX 8205 FORT WORTH, TEXAS 76124</p> <p style="text-align: center;">Plant 3623 E. VICKERY BLVD. FORT WORTH, TX 76105</p> <p style="text-align: center;"> or 60529</p> <p style="text-align: center;">Steel stamped or Embossed or Rubber stamped</p> <p>CAGE code: 60529 <u>2/</u></p> | <p>STRENKERT MACHINE SHOP INC. RD #2, BOX 759 INDIAN BROOK ROAD GREENE, NY 13778</p> <p style="text-align: center;"></p> <p>CAGE code: 2T174 <u>2/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.


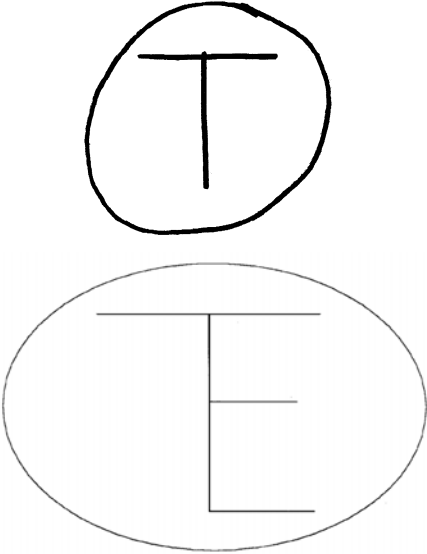
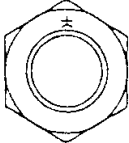

MIL-HDBK-57E (IS)

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| <p>STURM MACHINE CO., INC. 9846 OWENSMOUTH AVE. CHATSWORTH, PA 91311</p>  <p>CAGE code: 64733 <u>2/</u></p> | <p>SUNDRAM FASTENERS, LTD. MADRAS, INDIA</p>  <p>CAGE code: <u>2/</u></p> |
| <p>SUBCON TOOL/ACCUTOOL MACHINE GROUP INC. (DBA ACCUTOOL) 5301 IROQUOIS AVE ERIE, PA 16511 - 2529 See ACCUTOOL</p> <p>01FO</p> <p>CAGE code: 1UMX0 <u>1/</u></p> | <p>SUNRISE PRECISION MFG. 4406 ENTERPRISE PL, UNIT 3 FREMONT, CA 94538</p>  <p>CAGE code: 0UK47 <u>2/</u></p> |
| <p>SUBURBAN INDUSTRIES, INC. 11901 FRANKLIN AVE FRANKLIN PARK, IL 60131</p> <p>SII</p> <p>CAGE code: 89752 <u>2/</u></p> | <p>SUPERIOR TECHNOLOGY 11013 OLINDA STREET SUN VALLEY, CA 91352</p>  <p>EARTH</p> <p>CAGE code: <u>2/</u></p> |
| <p>SULLIVAN BOLT CO., INC. 3435 SOUTH MALT AVE. COMMERCE, CA 90040</p>  <p>CAGE code: 6M158 <u>2/</u></p> | <p>SUPREME SCREW PRODUCTS, INC. 1368 CROMWELL AVENUE BRONX, NY 10452</p>  <p>CAGE code: 1FMQ2 <u>2/</u></p> |

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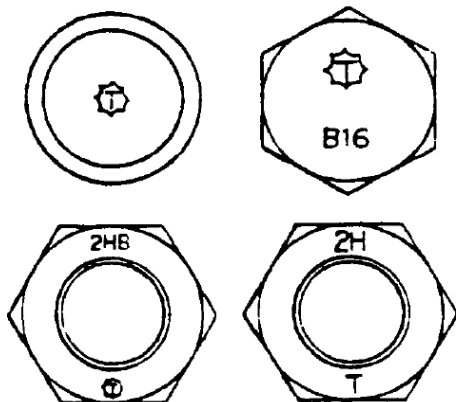
MIL-HDBK-57E (IS)

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|--|--|
| <p>S V INDUSTRIES 29280 YNEZ RD. TEMECULA, CA 92592</p> <p>SV</p> <p>CAGE code: OGVY7 <u>2/</u></p> | <p>T C QUALITY MACHINING INC. 12155 MAGNOLIA AVE STE 10D RIVERSIDE, CA 92503 - 4905</p> <p>TCQ</p> <p>CAGE code: 3H5W3 <u>1/</u></p> |
| <p>SWISS TECHNOLOGY, INC. 9 BRIDEWELL PL. CLIFTON, NJ 07014</p> <p></p> <p>CAGE code: 48406 <u>1/</u></p> | <p>T R MACHINE INC. 103 STATE ROUTE 75 E DAVIS, IL 61019-9586</p> <p>TR</p> <p>CAGE code: 1YJV1 <u>1/</u></p> |
| <p>T & E MACHINE CORP. 4519C WAYNE AVENUE PHILADELPHIA, PA 19144-3606</p> <p></p> <p>CAGE code: 059P5 <u>2/</u></p> | <p>TAIYO NUT MFG. CO., LTD. 2-6-12 KOUZEN, IKARUGACHO IKOMA-GUN, NARA, JAPAN</p> <p></p> <p></p> <p>CAGE code: <u>2/</u></p> |

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MIL-HDBK-57E (IS)

TAKENAKA SEISAKUSHO CO., LTD.
178 HISHIE
HIGASHI OSAKA CITY, JAPAN 578



CAGE code: 2/

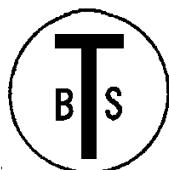
TANAKA LTD.
1-10-6 TEZUKAYAMA-NAKA
SUMIYOSHI-KU, OSAKA, JAPAN



SDC

CAGE code: SP833 2/

T-B & S MFG.
4404 GARLAND DRIVE
FORT WORTH, TX 76117



CAGE code: 2/

TEBCO THREADED FASTENERS
(DIVISION OF TENNESSEE BOLT &
SCREW CO.)
2700 SUMMER AVENUE
MEMPHIS, TN 38112

Plant
665 SCOTT STREET
MEMPHIS, TN 38112



CAGE code: 4K536 2/

TECH WELDING AND MACHINE CO.
41 KINGSTON AVENUE
COLUMBUS, OH 43207



CAGE code: 9Y179 2/

TECHNICAL FASTENERS, INC.
1129 GRIMMITT DR
SHREVEPORT, LA 71107



CAGE code: 0GV34 2/

TEK PRECISION CO., LTD.
205 WEST INDUSTRY COURT
DEER PARK, NY 11729



CAGE code: 65780 1/

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MIL-HDBK-57E (IS)

TELEFAST INDUSTRIES, INC.
777 W BAGLEY RD
BEREA, OH 44017-2901

T



TF

CAGE code: 3CW33

1/

TENS MACHINE CO., INC.
800 GRUNDY AVE.
HOLBROOK, NY 11741-2606



TENS

CAGE code: 8P689

1/

TERRY MACHINE CO.
P.O. BOX 487
5331 DIXIE HWY.
WATERFORD, MI 48095-1

See SPS TECHNOLOGIES



CAGE code: 87880

2/

TERRYCABLE, INC.
17376 EUCALYPTUS STREET
HESPERIA, CA 92345

TC

CAGE code: 0XZ68

2/

TEXAS BOLT CO.
P.O. BOX 1211
3235 W. 11TH ST.
HOUSTON, TX 77251

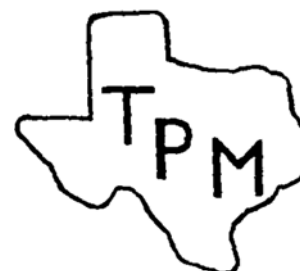


CAGE code: 27422

2/

TEXAS PRECISION MFG., INC.
P.O. BOX 3640
610 28TH ST
LUBBOCK, TX 79452

Plant
1204 E. 46TH STREET
LUBBACK, TX 79404



CAGE code: ICU57

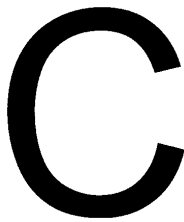
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1/ Information published in this revision was verified by direct contact with manufacturers.

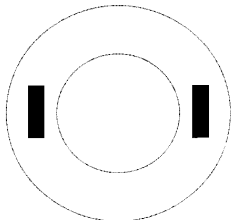
2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

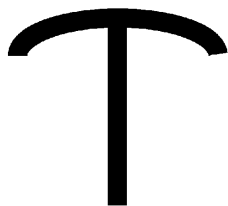
TEXTRON FASTENING SYSTEMS
(AEROSPACE - SANTA ANA OPERATIONS)
1224 E. WARNER AVENUE
SANTA ANA, CA 92705



LOCKBOLTS
Bold "C"



LOCKBOLT COLLARS
Two Opposing Dashes



ALL PRODUCTS
Lazy "T"

CAGE code: 11815

1/

TFI AEROSPACE CORPORATION
19 CONSTELLATION CT.
REXDALE, ONTARIO, CANADA



ALL NEW
TOOLING



MODIFIED
EXISTING
TOOLING

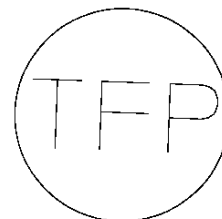
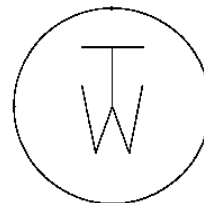
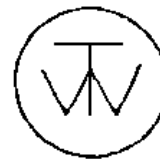


CAGE code: L0336

2/

TFP CORP.
(TRU-FIT PRODUCTS DIVISION)
(SPECIAL FASTENER DIVISION)
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

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

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.)



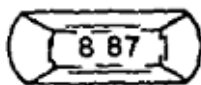
This marking appears on all flange nuts. The three raised lines on the flange indicate "Thiant" as manufacturer. (Clockwise system for grade.)



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

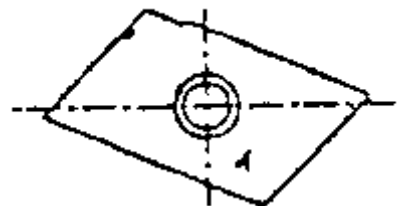
CAGE code:

2/

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

1/

THOMAS INSTRUMENT & MACHINE CO.,
INC.
3440 E FIRST ST
BROOKSHIRE, TX 77423 - 0999



CAGE code: 5H860

2/

THOMAS MACHINING TECHNOLOGIES,
INC.
12 COUNT ROAD 486
HANCEVILLE, AL 35077



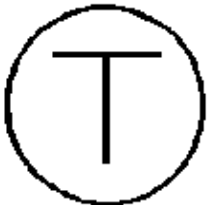


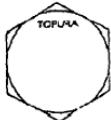


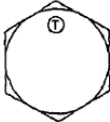


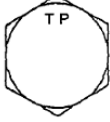
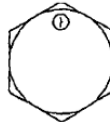
CAGE code: 1VNC4

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

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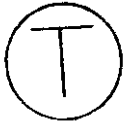
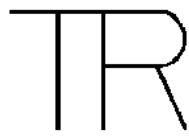



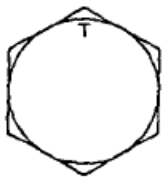

MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>THOMAS MFG, INC. 25125 W OUTER DR MELVINDALE, MI 48122</p> <p>THOMAS</p> <p>CAGE code: 0NWS1 <u>2/</u></p> | <p>TONG HWEI ENTERPRISE CO., LTD. NO. 399 GANG YAN ROAD GANG SHAN 820, KAOHSIUNG TAIWAN, R.O.C.</p> <p>THE</p> <p>CAGE code: None <u>1/</u></p> |
| <p>TITAN FASTENER 10031 HOLLY ROAD HOLLY, MI 48442</p>  <p>CAGE code: <u>2/</u></p> | <p>TOOLEX, INC. 7570 MORLEY STREET HOUSTON, TX 77061</p>  <p>CAGE code: 1W383 <u>2/</u></p> |
| <p>TOG MANUFACTURING CO., INC. 1454 SOUTH STATE STREET NORTH ADAMS, MA 01247</p>  <p>CAGE code: 63649 <u>1/</u></p> | <p>TOPURA CO., LTD. 2050 YAJOI-CHO HIGASHIOSAKA-SHI, OSAKA, JAPAN 579</p> <p>Plant 201 SOYA, HATANO, KANAGAWA 257 JAPAN</p> <p>TOPURA</p>       <p>TP</p>   |
| <p>TOKOSHA METAL WORKS LTD. NO. 7-22, 3-CHROME, NAKAGAMA-NISHI, IKUNO-KU, OSAKA, JAPAN</p> <p>TKS</p> <p>CAGE code: <u>2/</u></p> | <p>CAGE code: <u>2/</u></p> |

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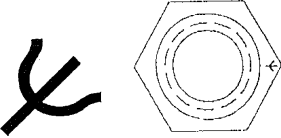



MIL-HDBK-57E (IS)

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| <p>TORCO, INC. P. O. BOX 4070 1330 OLD HIGHWAY 41 MARIETTA, GA 30061</p>  <p>CAGE code: 07359 <u>2/</u></p> | <p>TOWNE ROBINSON FASTENER CO. KEY MANUFACTURING GROUP, INC. P.O. BOX 232 24175 NORTHWESTERN HWY. SOUTHFIELD, MI 48037</p> <p>Plant 4401 WYOMING AVE. P.O. BOX 188 DEARBORN, MI 48121</p>  <p>CAGE code: 94678 <u>2/</u></p> |
| <p>TORONTO FASTENERS INDUSTRIES, INC. (SUBSIDIARY OF HI-SHEAR CORP., USA) 7475 KIMBEL ST., UNIT 8 MISSISSAUGA, ONTARIO L5S1E7</p> <p>See HI-SHEAR</p> <p>Plant 19 CONSTELLATION CT. REXDALE, ONTARIO, CANADA M9W 1K4</p>  <p>CAGE code: <u>2/</u></p> | <p>TOWNSEND CO. CERRY RIVET DIVISION 1224 E. WARNER AVE. SANATA ANA, CA 92701</p> <p> Aircraft blind rivets.</p> <p> Aircraft lockbolts.</p> <p>CAGE code: 7H092 <u>2/</u></p> |
| <p>TORX PRODUCTS (CAMCAR DIVISION OF TEXTRON INC.) P. O. BOX 607 HWY 31 N. ROCHESTER, IN 46975</p> <p>For head markings see:</p> <p>CAMCAR Division of Textron, Inc. Plant TORX Products</p> <p>CAGE code: 6N040 <u>2/</u></p> | <p>TOYO STEEL WIRE CO., LTD. 3-9-45 TSURUHARA IZUMISANO-SHI, OSAKA, 598 JAPAN</p>   <p>CAGE code: <u>1/</u></p> |

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


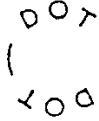




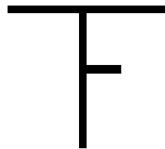
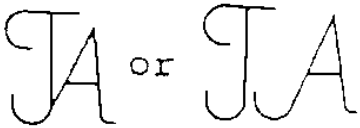
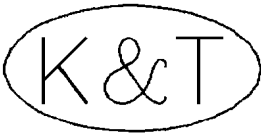


MIL-HDBK-57E (IS)

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|--|--|
| <p>TRI STATE TOOL & DIE CO. 1396 NORTON RD STOW, OH 44224-1333</p>  <p>BRAND AT ONE CORNER</p> <p>CAGE code: 06RM8 <u>1/</u></p> | <p>TRIUMPH GROUP OPERATIONS INC, THE (FRISBY AEROSPACE INC DE) 417 S. MAIN ST. FREEPORT, NY 11520-5144</p> <p>Ssee FRISBY AEROSPACE INC DE</p> <p>FAH</p> <p>CAGE code: 26437 <u>2/</u></p> |
| <p>TRIAD PRODUCTS CORP. 15241 N.E. 92ND REDMOND, WA 98052</p>  <p>CAGE code: 74468 <u>2/</u></p> | <p>TRIUMPH MANUFACTURING CO., INC. P.O. BOX 380148 750 TOLLAND ST. EAST HARTFORD, CT 06138</p> <p>TRI</p> <p>CAGE code: 8X098 <u>2/</u></p> |
| <p>TRIDAIR PRODUCTS AFS TORRANCE OPERATIONS 3000 WEST LOMITA BLVD. TORRANCE, CA 90505-5103</p> <p>(Corporate office see ALCOA FASTENING SYSTEMS)</p>  <p>CAGE code: 29372 <u>1/</u></p> | <p>TRONSON MANUFACTURING 45383 INDUSTRIAL PLACE #41 FREEMONT, CA 94538</p> <p>TM</p> <p>CAGE code: 1DPK8 <u>2/</u></p> |
| <p>TRIDENT MACHINE CO. 3491 N. MERIDIAN ROAD ROCKFORD, IL 61101</p>  <p>CAGE code: 5N818 <u>1/</u></p> | <p>TROY D. RAY DBA DIXON MACHINE & FABRICATION 6807 CHAPMAN HWY. KNOXVILLE, TN 37920-6560</p> <p>DMT</p> <p>CAGE code: 1DEP3 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>TRW (FASTENER DIVISION) 265 THIRD STREET CAMBRIDGE, MA 02142</p> <p>PAL</p> <p>Logo Stampings Used on Brass Snap Fastener Components</p> <p> Part No. 15100</p> <p>  Part No. 16506</p> <p> Part Nos. 10412 and 10413</p> <p>   Part No. 22201</p> <p> Part Nos. 10224, 12206, 10412, 10413, 10414, 90307</p> <p> Part Nos. 16205 and 16206</p> <p>CAGE code: 83058 <u>2/</u></p> | <p>TUFF FASTENERS CO. 10724 GARWICK PLACE SOUTH GATE, CA 90280-7332</p> <p></p> <p>CAGE code: 5V629 <u>2/</u></p> |
| <p>TRY - AZTEC COMPANY P.O. BOX 6191 TEHACHAPI, CA 93561</p> <p></p> <p>CAGE code: <u>2/</u></p> | <p>TURNAMICS, INC. 92 NEW LIECHESTER HWY ASHVILLE, NC 28806</p> <p></p> <p>CAGE code: 1CWU8 <u>2/</u></p> |
| | <p>TW DESIGN AND MANUFACTURING, L.L.C. P. O. BOX 310 33 WEST STREET MONTELLO, WI 53949</p> <p></p> <p>CAGE code: 0X311 <u>2/</u></p> |
| | <p>TWIST TITE MFG. INC. 13649 PUMICE STREET SANTA FE SPRINGS, CA 90670</p> <p></p> <p>CAGE code: 007R1 <u>1/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

U.P. MACHINE & ENGINEERING CO.
P.O. BOX 400
210 NORTH THIRD STREET
POWERS, MI 49874

UPME

CAGE code: 5H091

2/

U.S. BOLT MANUFACTURING, INC.
12895 SOUTH MAIN
HOUSTON, TX 77035



CAGE code: 0UZJ8

2/

ULTIMATE MACHINING & WELDING
1003 ARGUELLO STREET
REDWOOD CITY, CA 94063



CAGE code: OXXP2

2/

ULTRA SONIC MACHINE CO., INC.
1313 WEST 135TH STREET
GARDENA, CA 90247



CAGE code: 4F713

2/

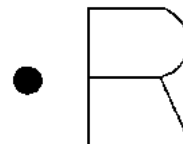
UMPCO CORP.
P.O. BOX 5158
7100 LAMPSON AVE.
GARDEN GROVE, CA 92841



CAGE code: 18076

2/

UNIFLOW CORP.
P.O. BOX 705
26600 HEYN DRIVE
NEW HAVEN, MI 48050






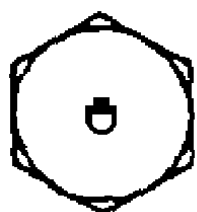

CAGE code: 4S622

2/

^{1/} Information published in this revision was verified by direct contact with manufacturers.




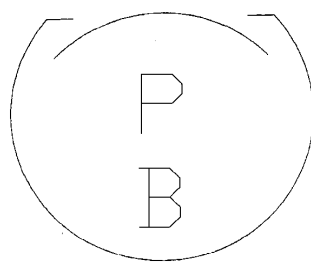

^{2/} Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|--|---|
| <p>UNIMETERIC CORPORATION P.O. BOX 4529 5 TRIPPS LANE EAST PROVIDENCE, RI 02915</p> <p style="text-align: center;">U</p> <p>CAGE code: 7U319 <u>2/</u></p> | <p>UNITED DRILL BUSHING CORP. 12200 WOODRUFF AVE DOWNEY, CA 90241</p> <p style="text-align: center;"></p> <p>CAGE code: 52369 <u>2/</u></p> |
| <p>UNISTRUT CORP. (UNISTRUT PHILA) 761 FIFTH AVE KING OF PRUSSIA, PA 19406</p> <p style="text-align: center;">Plant UNISTRUT CORP. WAYNE MFG. DIV. 35660 CLINTON WAYNE, MI 48184</p> <p style="text-align: center;">UNISTRUT </p> <p>CAGE code: 96195 <u>2/</u></p> | <p>UNITED PRECISION PRODUCTS CO., INC. 25040 VAN BORN ROAD DEARBORN HEIGHTS, MI 48125</p> <p style="text-align: center;">UP</p> <p>CAGE code: 17328 <u>1/</u></p> |
| <p>UNITED BOLT & SCREW CORP. 1055 HAGGERTY AVE. DEARBORN, MI 48126</p> <p style="text-align: center;"> </p> <p>CAGE code: 8G949 <u>2/</u></p> | <p>UNITED STATES DEFENSE RESEARCH & SUPPLY 311 EASTRIDGE ROAD GRANDBURY, TX 76049</p> <p style="text-align: center;"></p> <p>CAGE code: 0XVD5 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>UNITED STEEL & FASTENERS INC. 1500 INDUSTRIAL DRIVE ITASCA, IL 60143</p> <p style="text-align: center;">S^UF </p> <p>Identification used on all large bolts S^UF ▲</p> <p>Identification used on all small bolts and on the shoulders of nuts ▲</p> <p>CAGE code: 2R938 <u>1/</u></p> | <p>URANIA ENGINEERING CO., INC. SPEC-NUT® 198 SOUTH POPLAR STREET HAZLETON, PA 18201</p> <p style="text-align: center;"></p> <p>CAGE code: 30279 <u>2/</u></p> |
| <p>UNIVERSAL MACHINE PRODUCTS 480 SURF AVENUE STRATFORD, CT 06497</p> <p style="text-align: center;">UM</p> <p>CAGE code: 0Y156 <u>2/</u></p> | <p>URBAN MANUFACTURING CO. P.O. BOX 4260 100 W. BERKLEY ST PHILADELPHIA, PA 19144</p> <p style="text-align: center;"></p> <p>CAGE code: OW5R7 <u>2/</u></p> |
| <p>UPB ENGINEERING 13060 TOM WHITE WAY "UNIT F" NORWALK, CA 90650</p> <p style="text-align: center;"></p> <p>CAGE code: 1BER9 <u>2/</u></p> | <p>URBAN MFG. CO. INC. P.O. BOX 1070 529 FORREST AVE. DREXEL HILL, PA 19026</p> <p style="text-align: center;"></p> <p>CAGE code: 9Y188 <u>2/</u></p> |

1/ Information published in this revision was verified by direct contact with manufacturers.

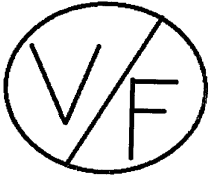


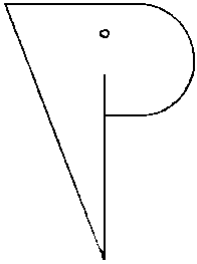



2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

| | |
|---|---|
| <p>US TOOL & DIE 23282 VERDUGO DR LAGUNA HILLS, CA 92653-1335</p>  <p>CAGE code: 3LJM2 <u>1/</u></p> | <p>VALLEY-TODECO 12975 BRADLEY AVE. SYLMAR, CA 91342</p>  <p>CAGE code: 06710 <u>1/</u></p> |
| <p>UTAH TOOL & DIE, INC. P.O. BOX 969 850 NO WESTERN PRECISION PARKWAY WEST JORDAN, UTAH 84084</p>  <p>CAGE code: 23509 <u>2/</u></p> | <p>VAN PETTY MFG., INC. DBA J.W. MANUFACTURING INC 2517 AZURITE CIRCLE NEWBURY PARK, CA 91320</p>  <p>CAGE code: 23899 <u>1/</u></p> |
| <p>VALCOR ENGINEERING CORP. 2 LAWRENCE ROAD SPRINGFIELD, NJ 07081</p>  <p>CAGE code: 96487 <u>2/</u></p> | <p>V-B MACHINE CO., INC. FASTENER DIVISION 1645 W. 135TH STREET GARDENA, CA 90249</p>  <p>CAGE code: 60682 <u>2/</u></p> |
| <p>VALLEY FORGE AND BOLT MFG CO. 1825 S. 27th AVENUE PHOENIX, AZ 85009-6417</p>  <p>CAGE code: 02UA5 <u>1/</u></p> | <p>VEGAS FASTENER MANUFACTURING 3873 W. OQUENDO ROAD LAS VEGAS, NV 89118</p>  <p>CAGE code: 1U1Z3 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

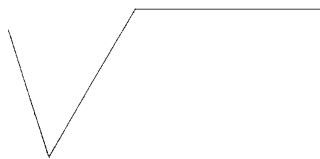
| | |
|---|---|
| <p>VENUS FASTENERS CORP. 154 MERRICK RD FREEPORT, NY 11520</p>  <p>CAGE code: 045B2 <u>2/</u></p> | <p>VICTOR PRODUCTS CORP. 2635 WEST BELMONT CHICAGO, IL 60618</p>  <p>CAGE code: 63045 <u>2/</u></p> |
| <p>VERSATECH, INC. P.O. BOX 608 6012 ENTERPRISE DR., WESTMORELAND INDUSTRIAL PARK III EXPORT, PA 15632</p>  <p>CAGE code: 0CHD0 <u>2/</u></p> | <p>VIP MFG. & ENGR. CORP. 1084 MARTIN AVE. SANTA CLARA, CA 95050</p>  <p>CAGE code: 8M774 <u>1/</u></p> |
| <p>VERTEX DISTRIBUTION P. O. BOX 879 327 PINE STREET PAWTUCKET, R 02860</p> <p>(see BELL FASTENERS)</p>  <p>CAGE code: <u>1/</u></p> | <p>VISSERIES & BOULONNERIES DE FOURMIES 2 RUE DU CHAUFFOUR FOURMIES, FRANCE 69610</p>  <p>Grade 8.8 and over</p> <p>CAGE code: F8388 <u>2/</u></p> |
| <p>VICO PRODUCTS, CO. 41555 E. ANN ARBOR ROAD PLYMOUTH, MI 48170</p>  <p>The "V" is either raised or indented.</p> <p>CAGE code: 0CG15 <u>2/</u></p> | |

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MIL-HDBK-57E (IS)

VISTEK INDUSTRIES
153 RAILROAD DR
IVYLAND, PA 18974-1448



CAGE code: 79735

2/

VITCO NUCLEAR PRODUCTS INC.
8171 TYLER BLVD
MENTOR, OH 44060



CAGE code: 9L424

2/

VM MANUFACTURING CORP.
1536 RAILROAD AVENUE
HOLBROOK, NY 11741-2301



CAGE code: 1NUW9

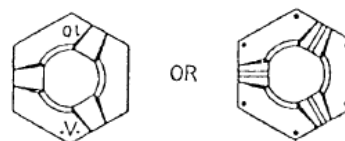
1/

VMC INDUSTRIES, INC.
20 CORPORATE DRIVE
AUBURN HILLS, MI 48326

.V. OR VMC

FEMALE FASTENERS

PREVAILING TORQUE NUTS



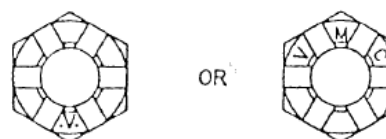
.V. OR TWO LINES IN THREE PADS
WITH APPROPRIATE GRADE OR CLASS MARKINGS

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

2/

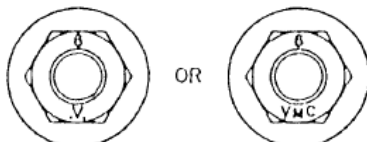
1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

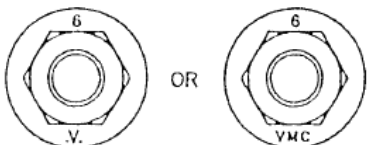
MIL-HDBK-57E (IS)

Continued

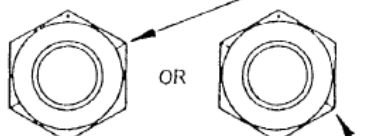
VMC INDUSTRIES, INC.

FEMALE FASTENERS (CONT.)NUT & WASHER ASSEMBLY

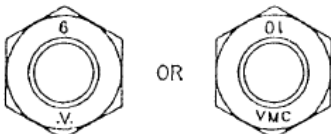
".V." OR "VMC" WITH APPROPRIATE
GRADE OR CLASS MARKINGS

FLANGE NUTS

".V." OR "VMC" WITH APPROPRIATE
GRADE OR CLASS MARKINGS

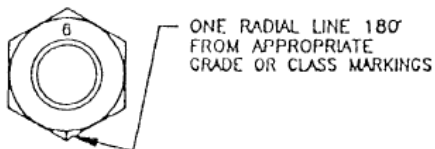
HEX NUTSENGLISH

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

2/

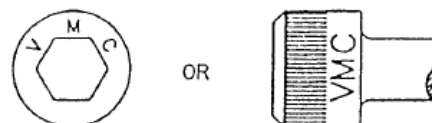
Continued

Continued

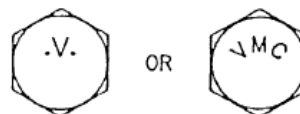
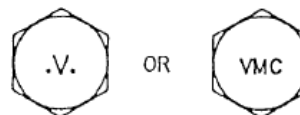
VMC INDUSTRIES, INC.

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 FASTENERSSOCKET HEADSHEX HEADS

INDENTED, TRIMMED, WASHER
OR FLANGED.

METRICENGLISH

".V." OR "VMC" WITH APPROPRIATE
GRADE OR CLASS MARKINGS

CAGE code: 0SFN8

2/

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MIL-HDBK-57E (IS)

VOI-SHAN PRODUCTS
AFS TORRANCE OPERATIONS
3000 WEST LOMITA BLVD.
TORRANCE, CA 90505-5103
CAGE code: 5M902

VS

AFS COI OPERATIONS
135 N. UNRUH AVE.
CITY OF INDUSTRY, CA 91744
CAGE code: 06950, IRC86

VS O SC

AFS HILDESHEIM OPERATIONS
STEVEN 3
31135 HILDESHEIM-BEVENSTEDT,
GERMANY
CAGE code: C4293

VS

(Corporate office see ALCOA FASTENING
SYSTEMS)

CAGE code: 5M902, 06950, IRC86,
C4293

1/

VOSS INDUSTRIES, INC.
VOSS AEROSPACE DIVISION
2168 WEST 25TH STREET
CLEVELAND, OH 44113



E A

V

CAGE code: 14242

1/

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

2/

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

2/

WALKER BOLT MANUFACTURING CO.,
INC.
DIVISION OF LONE STAR FASTENERS, LP
P.O. BOX 1149
10202 AIRLINE CRIVE
HOUSTON, TX 77037

WB

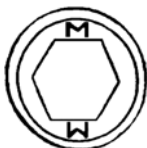



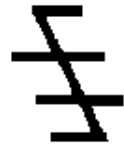

CAGE code: 39782

1/

1/ Information published in this revision was verified by direct contact with manufacturers.

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MIL-HDBK-57E (IS)

| | |
|--|--|
| <p>WALZ & KRENZER INC DBA MAPECO PRODUCTS DIV MAPECO PRODUCTS 91 WILLENBROCK RD STE B4 OXFORD, CT 06478-1036</p>  <p>CAGE code: 87045 <u>2/</u></p> | <p>WEAVER MANUFACTURING, INC. 1005 E. 17TH STREET WICHITA, KS 67214</p> <p>WMI</p> <p>CAGE code: 16345 <u>2/</u></p> |
| <p>WARREN PUMPS LLC. (DIVISION OF COLFAX CORPORATION) P.O. BOX 969 82 BRIDGES AVENUE WARREN, MA 01083</p>  <p>CAGE code: 63857 <u>1/</u></p> | <p>WEBLUK MACHINE CORP. 4959 COMMERCE PARKWAY WARRENSVILLE HEIGHTS, OH 44128</p>  <p>CAGE code: 0C095 <u>2/</u></p> |
| <p>WATERBURY BUCKLE CO. 952 S. MAIN STREET WATERBURY, CT 06721</p>  <p>CAGE code: 82399 <u>2/</u></p> | <p>WELTER GMBH & CO. KG BONNER RING 49 P. O. BOX 1311 ERFTSTADT, GERMANY 50374</p>  <p>CAGE code: C3486 <u>2/</u></p> |
| <p>WAYNE BOLT & NUT CO., INC. 14471 LIVERNOIS AVE. DETROIT, MI 48238-2097</p>  <p>CAGE code: 5Z751 <u>1/</u></p> | <p>WELTON ROLLED THREAD CORP. 1818 GLENDALE BLVD LOS ANGELES, CA 90026</p> <p>W</p> <p>CAGE code: 27871 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

WESLOK
(DIVISION OF FALL RIVER
MANUFACTURING)
4160 S. 13TH STREET
MILWAUKEE, WI 53221

WESLOK

CAGE code: 2/

WEST COAST AEROSPACE, INC.
24224 BROAD STREET
CARSON, CA 90745

Plant
220 WEST E. STREET
WILMINGTON, CA 90744

WC
WC

CAGE code: 60516 1/

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)

APMI

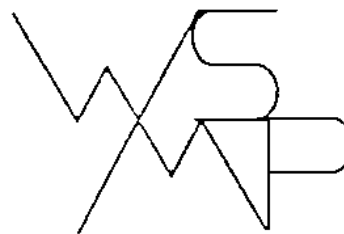
CAGE code: 6Y776 2/

WESTERN PACIFIC ENTERPRISES, W.P.E.
INC.
8110 REMMET AVE.
CANOGA PARK, CA 91304



CAGE code: 5N444 1/

WESTERN SCREW MACHINE PRODUCTS,
INC. (CUTTING EDGE MACHINING)
1625 LINDA WAY
SPARKS, NV 89431



CAGE code: OZV72 2/

WESTERN SKY INDUSTRIES, INC.
(DIVISION OF ATLAS CORP.)
21300 CLOUDWAY
HAYWARD, CA 94545





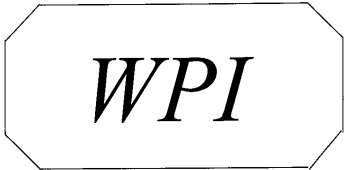





WSI

CAGE code: 04169 2/

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MIL-HDBK-57E (IS)

| | |
|---|--|
| <p>WESTFIELD FASTENERS 202 UNION STREET WESTFIELD, MA 01085</p>  <p>CAGE code: <u>1/</u></p> | <p>WHELAN MACHINE & TOOL CO. 134 ROCHESTER DR LOUISVILLE, KY 40214-2681</p>  <p>Aerial-Bold letter "W" enclosed with a circle</p> <p>CAGE code: 0MB07 <u>1/</u></p> |
| <p>WESTLAND STEEL PRODUCTS, LTD. P. O. BOX 1052 165 CORDITE ROAD WINNIPEG, MANITOBA, CANADA R3C 2X4</p>  <p>CAGE code: 0NWX5 <u>2/</u></p> | <p>WHITNEY SCREW CORP. P.O. BOX 784 14A BROAD STREET NASHUA, NH 03061</p>  <p>CAGE code: 87181 <u>2/</u></p> |
| <p>WESTWOOD PRECISION, INC. 7509 HARDESON ROAD EVERETT, WA 98203</p>  <p>CAGE code: 0PL34 <u>1/</u></p> | <p>WHITTET-HIGGINS CO. 33 HIGGINSON AVE. CENTRAL FALLS, RI 02863</p>  <p>CAGE code: 79568 <u>2/</u></p> |
| <p>WHAIL BOLT IND. CO., LTD 779-2, WONSI-DONG, ANSAN KYUGKI-DO, KOREA</p>   <p>GRADE 5 HEX CAP SCREWS</p>  <p>GRADE 8 HEX CAP SCREWS</p> <p>CAGE code: <u>2/</u></p> | <p>WIGLEY MACHINE COMPANY 2007 WEST 2ND AVENUE CORSICANA, TX 75110</p>  <p>CAGE code: 0UBT5 <u>2/</u></p> |

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MIL-HDBK-57E (IS)

WILHELM SCHUMACHER SCHRAUBEN-
FABRIK GmbH
POSTFACH 12 80,
AM PREIST 5
D-5912 HILCHENBACH,
GERMANY



Hex head
screws and
bolts

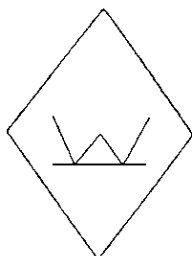


Machine screws
and other
products

CAGE code:

2/

WILLIAM'S MACHINE & FABRICATION, INC.
P.O. BOX 22235
700 DELAY DRIVE
EUGENE, OR 97402



CAGE code: 0NNK2

2/

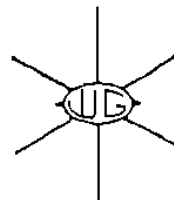
WIL-NIC
(E D R INDUSTRIES INC)
DBA WIL-NICO
100 COMMERCIAL STREET
FREEPORT, NY 11520-2832



CAGE code: 8P827

2/

WILSON-GARNER CO.
40935 PRODUCTION DR
HARRISON TOWNSHIP, MI 48045-1351



CAGE code: 7E548

1/

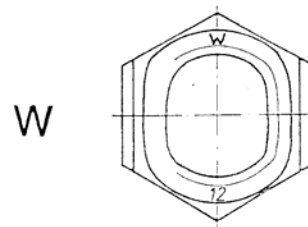
WILT PRECISION PRODUCTS
P.O. BOX 69
DOVER, PA 17315

Wpp

CAGE code: 34282

2/

WINKER HERMAN GMBH & CO. KG
METALLWARENFABRIK
P.O. BOX 1356
DELLINGER WEG 1
SPAICHINGEN, 78549
GERMANY



CAGE code: D2362

2/

1/ Information published in this revision was verified by direct contact with manufacturers.

2/ Information not verified to be current, no response from manufacturer. Information identical to that published in MIL-HDBK-57, Revision B.

MIL-HDBK-57E (IS)

WINSLOW AUTOMATICS, INC.
23 ST. CLAIR AVENUE
NEW BRITAIN, CT 06051



CAGE code: 7W515

1/

WODIN, INC.
5441 PERKINS ROAD
BEDFORD HEIGHTS, OH 44146



CAGE code: 5V334

1/

WOLSTENHOLME MACHINE
(DBA WM ROBOTS)
3075 ADVANCE LANE
COLMAR, PA 18915-9420



CAGE code: 68531

1/

WOLTERS GMBH
OTTILIENSTR 19
D-GUTERSLOH
WEST GERMANY

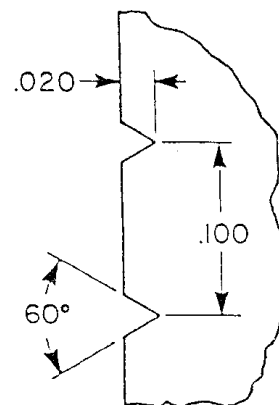


WH
LE

CAGE code:

2/

WOLVERINE MACHINE PRODUCTS CO.
P.O. BOX 209
319 COGSHALL ST.
HOLLY, MI 48442



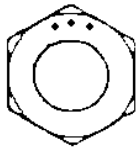
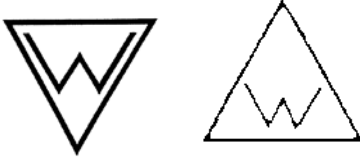


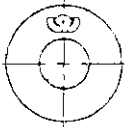
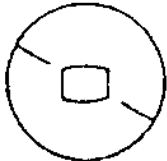
CAGE code: 2T549

2/

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| | |
|--|---|
| <p>WOLVERINE NUT CO. 6556 EAST McNICHOLS DETROIT, MI 48212</p>  <p>3 dots, centered on corner, equally spaced</p> <p>CAGE code: 87824 <u>2/</u></p> | <p>WYANDOTTE INDUSTRIES, INC. 4625 13TH STREET WYANDOTTE, MI 48192</p>  <p>CAGE code: 54151 <u>1/</u></p> |
| <p>WORTHEY MACHINE P. O. BOX 70 3000 US HWY 72 E PAINT ROCK, AL 35764-0070</p> <p>WSMP</p> <p>CAGE code: 5S740 <u>2/</u></p> | <p>WYNNSON ENTERPRISES, INC. P. O. BOX 440 12039 HWY 239-431 N. MERIDIANVILLE, AL 35759-1201</p>  <p>CAGE code: 39484 <u>1/</u></p> |
| <p>WROUGHT WASHER MANUFACTURING INC. 2100 SOUTH BAY STREET MILWAUKEE, WI 53207</p>  <p>Marking for medium carbon heat treated washers compatible with Grade 5 and Grade 8 bolts.</p>  <p>Marking for low carbon washers.</p> <p>CAGE code: 79807 <u>2/</u></p> | <p>XCEL MFG., INC. P.O. BOX 239 ELYRIA, OH 44036</p>  <p>CAGE code: <u>2/</u></p> <p>Y2K MACHINE SHOP 106 WALSH ROAD SAN ANTONIO, TX 78224</p> <p>Y 2 K</p> <p>CAGE code: 1TMD7 <u>1/</u></p> |

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| | |
|---|--|
| <p>YATES TOOL, INC. 2425 MEDINA ROAD MEDINA, OH 44256</p>  <p>Either electroetched, steel stamped, vibropeened, or ink stamped</p> <p>CAGE code: IDV02 2/</p> | <p>ZAMON CO., INC. ENDICOTT ST., BLDG. 23 NORWOOD, MA 02062</p>  <p>CAGE code: 5Z471 2/</p> |
| <p>YOUNG ENGINEERS INC, THE 25841 COMMERCENTRE DRIVE LAKE FOREST, CA 92630-8812</p>  <p>CAGE code: 56958 1/</p> | <p>ZENEX CORPORATION 850 ELMHURST RD. ELK GROVE VILLAGE, IL 60007</p>  <p>CAGE code: 25723 2/</p> |
| <p>YOW MENG INDUSTRIAL CO., LTD. NO. 180 WUN-AN RD., EAST SEC. MI-TUO HSIANG 82704 KAOHSIUNG HSIEN, TAIWAN, R.O.C.</p>  <p>CAGE code: 2/</p> | <p>ZERO PRODUCTS, INC. 219 BAYWOOD ST HOUSTON, TEXAS 77011</p>   <p>CAGE code: 3JC57 2/</p> |
| <p>Z & B GENERAL MACHINE 569 HULMEVILLE AVE. PENNDL, PA 19047</p>  <p>CAGE code: 5T735 2/</p> | |

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MIL-HDBK-57E (IS)

MIL-HDBK-57 FASTENER IDENTIFICATION SYMBOL CONFIRMATION

Complete this form and email to 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

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-57E (IS)

Subject term (key word) listing:

Fastener
Head marking
Logo
Symbol

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 the changes.

Preparing Activity:
DLA-IS

(Project No. 53GP-2009-001)

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 <http://assist.daps.dla.mil>.