



**HOWMET  
AEROSPACE**

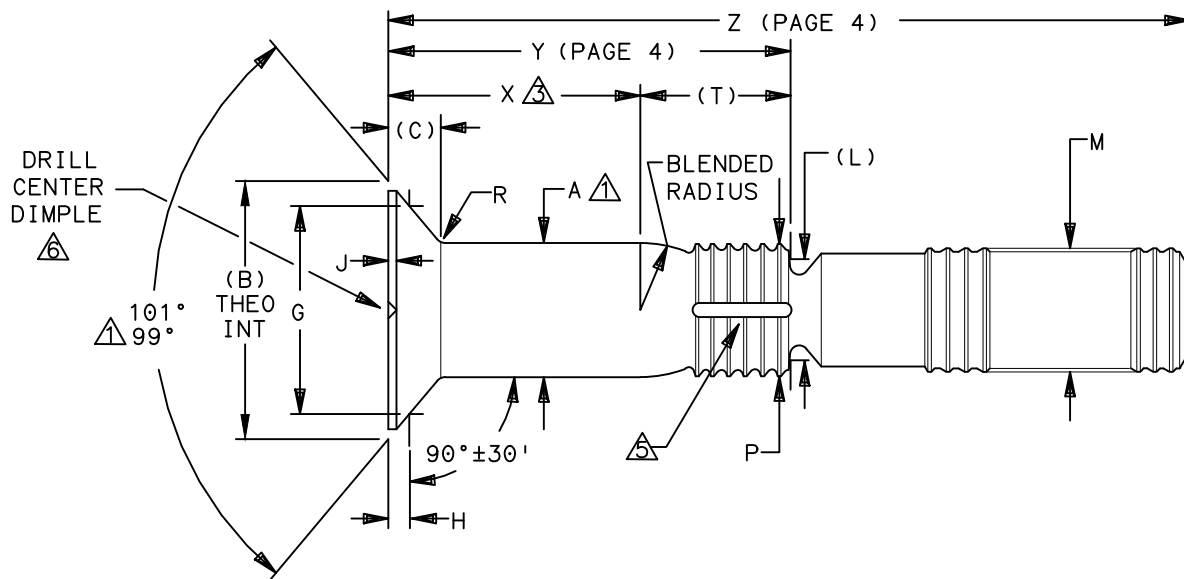
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**LGP®**  
Composite  
**ENGINEERING  
STANDARD**



| LGP PIN<br>FAMILY<br>NUMBER | NOM<br>SIZE | A<br>SHANK<br>DIA<br>+.0005<br>-.0000 | A<br>SHANK<br>DIA<br>COATED<br>±.0005 | (B)<br>THEO<br>DIA<br>NOM | (C)<br>HEAD<br>HEIGHT<br>NOM | G<br>GAGE<br>DIA<br>±.0001 | H<br>GAGE<br>HEIGHT |       | J<br>MAX | (L)<br>REF | M<br>MAX | P<br>DIA<br>MAX | R<br>RAD<br>±.005 | S<br>△ | (T)<br>REF |
|-----------------------------|-------------|---------------------------------------|---------------------------------------|---------------------------|------------------------------|----------------------------|---------------------|-------|----------|------------|----------|-----------------|-------------------|--------|------------|
|                             |             |                                       |                                       |                           |                              |                            | MAX                 | MIN   |          |            |          |                 |                   |        |            |
| (H)LGPL8SC-V05B()           | .1640       | .1630                                 | .1630                                 | .3279                     | .0692                        | .2831                      | .0202               | .0174 | .011     | .126       | .156     | .156            | .020              | .0045  | .175       |
| (H)LGPL8SC-V06B()           | .1900       | .1890                                 | .1890                                 | .3788                     | .0796                        | .3271                      | .0234               | .0200 | .013     | .150       | .184     | .184            | .025              | .0045  | .176       |
| (H)LGPL8SC-V08B()           | .2500       | .2490                                 | .2490                                 | .5041                     | .1070                        | .4319                      | .0322               | .0284 | .017     | .187       | .244     | .244            | .025              | .0045  | .244       |
| (H)LGPL8SC-V10B()           | .3125       | .3115                                 | .3115                                 | .6310                     | .1341                        | .5450                      | .0380               | .0342 | .020     | .244       | .306     | .306            | .035              | .0045  | .313       |
| (H)LGPL8SC-V12B()           | .3750       | .3740                                 | .3740                                 | .7580                     | .1611                        | .6581                      | .0439               | .0399 | .023     | .298       | .370     | .370            | .035              | .0060  | .374       |
| (H)LGPL8SC-V14B()           | .4375       | .4365                                 | .4365                                 | .8848                     | .1881                        | .7783                      | .0472               | .0422 | .025     | .312       | .431     | .431            | .045              | .0060  | .437       |
| (H)LGPL8SC-V16B()           | .5000       | .4990                                 | .4990                                 | 1.0136                    | .2159                        | .8901                      | .0548               | .0488 | .026     | .375       | .492     | .492            | .045              | .0060  | .503       |

△ CONCENTRICITY: CONICAL SURFACE OF COUNTERSUNK HEAD TO "A" DIAMETER TO BE WITHIN .005 TIR.

△ SHANK STRAIGHTNESS: WITHIN "S" VALUES TIR PER INCH OF SHANK LENGTH.

△ GRIP LENGTH IS MEASURED FROM THE TOP OF THE HEAD TO THE END OF THE FULL CYLINDRICAL PORTION OF THE SHANK. (SEE DIMENSION X ON PAGE 4).

4 DIMENSIONS B AND C ARE FOR REFERENCE ONLY, NOT FOR INSPECTION PURPOSES.

△ SEALANT ESCAPE GROOVE (SEE PAGE 4).

△ DRILL CENTER DIMPLE IN TOP IN HEAD .035 MAX DIA, .010 MAX DEPTH AND CONCENTRIC TO "A" WITHIN .008.

PROCUREMENT SPECIFICATION: C2022

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DIMENSIONS IN INCHES

|    |                                                                                                                                                        |          |                                                                                                                                         |    |                     |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|
| F7 | REF ECR 3455; REVISED FINISH CODE DESCRIPTIONS FOR ALUMINUM COATING, ADDED PERMISSIBLE ALUMINUM COATING TABLE, ADDED KG1123ZA AS A PERMISSIBLE COATING |          | CHECKED BY                                                                                                                              | MM |                     |
|    | ISSUED                                                                                                                                                 | 06/09/81 | PIN COMPOSITE APPLICATIONS, LIGHTWEIGHT HUCKCOMP LGP, SHEAR TYPE, 100° COUNTERSUNK HEAD, SWAGE LOCKING, 6AL-4V TITANIUM, (95 KSI SHEAR) |    | (H)LGPL8SC-V()B()() |
|    | REVISED                                                                                                                                                | 04/24/26 |                                                                                                                                         |    |                     |
|    | PAGE                                                                                                                                                   | 1 OF 4   |                                                                                                                                         |    | COM101              |

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MATERIAL: 6AL-4V TITANIUM ALLOY PER AMS4967.  
MINIMUM SHEAR STRENGTH: 95 KSI.  
SURFACE TEXTURE: Ra MAX PER ANSI/ASME B46.1 BEFORE COATING. CONICAL SURFACE OF HEAD, HEAD TO SHANK FILLET RADIUS, SHANK AND TRANSITION RADIUS, 32, OTHER SURFACES -125.  
FINISH: NO SUFFIX = UNCOATED PIN PLUS CETYL ALCOHOL LUBE PER AS87132.  
SUFFIX "AC" = ALUMINUM COATING PER NAS4006 OR NAS4006NC, OPTIONAL ON PINTAIL END. PLUS CETYL ALCOHOL LUBE PER AS87132.

| PERMISSIBLE ALUMINUM COATINGS |                             |
|-------------------------------|-----------------------------|
| ALUMINUM COATING NAME         | COATING SPECIFICATIONS      |
| HI-KOTE™ 1                    | NAS4006<br>EN4473 TYPE I    |
| HI-KOTE™ 1 NC                 | NAS4006NC<br>EN4473 TYPE II |
| KAL-GARD 2240C                | NAS4006                     |
| KAL-GARD 2242                 | NAS4006NC                   |
| KAL-GARD 2245                 | NAS4006<br>EN4473 TYPE I    |
| KG1123ZA                      | NAS4006NC<br>EN4473 TYPE II |

SUFFIX "AD" = ALUMINUM COATING PER EN4473 TYPE I OR EN4473 TYPE II, OPTIONAL ON PINTAIL END. OPTIONAL TO COLOR PINTAIL END WHITE. PLUS CETYL ALCOHOL LUBE PER AS87132.

SUFFIX "AS" = SULPHURIC ACID ANODIZE (BLUE) PER ISO 8080. PLUS CETYL ALCOHOL LUBE PER AS87132.

SUFFIX "B" = UNCOATED PIN AND NO LUBRICATION.

SUFFIX "D" = ION VAPOR DEPOSITED ALUMINUM COATING PER MIL-DTL-83488 TYPE II CLASS 3, OPTIONAL TO COLOR PINTAIL END BLACK, PLUS CETYL ALCOHOL LUBE PER AS87132.

SUFFIX "EP" = PHOSPHATE FLUORIDE TREAT PER AMS2486.

SUFFIX "EPR" = PHOSPHATE FLUORIDE PER BAC5861, WITH RED IDENTIFICATION DYE ON PINTAIL END, PLUS CETYL ALCOHOL LUBE PER AS87132.

SUFFIX "PB" = POWDER BLASTED TOP SURFACE OF HEAD PLUS CETYL ALCOHOL LUBE PER AS87132 (Ra 50/80 SURFACE ROUGHNESS).

HEAD MARKING: HEAD SHALL BE MARKED WITH THE MANUFACTURER'S SYMBOL, THE BASIC NUMBER (LGP8) AND VB DEPRESSED .006 MAX DEPTH ARRANGEMENT OPTIONAL. FOR PINS WITH A SEALANT ESCAPE GROOVE, AN "H" WILL BE INCLUDED ON THE HEAD IDENTIFICATION CALLOUT.

CODING: THE FIRST SET OF LETTERS DESIGNATE THE FAMILY OF LIGHTWEIGHT LGP PINS FOR SHEAR APPLICATIONS (LGPL) (SEE PART NUMBER EXAMPLE PAGE 4).  
THE SECOND SET OF LETTERS & NUMBER 8SC DESIGNATE HEAD SIZE, STYLE, AND LOAD APPLICATION (SEE PART NUMBER EXAMPLE PAGE 4).  
THE NEXT LETTER "V", IS THE MATERIAL DESIGNATOR FOR 6AL-4V TITANIUM ALLOY, MIN SHEAR STRENGTH: 95 KSI (SEE PART NUMBER EXAMPLE PAGE 4).  
THE NUMBERS FOLLOWING THE MATERIAL DESIGNATE THE NOMINAL PIN SHANK DIAMETER IN .03125 INCH INCREMENTS (SEE PART NUMBER EXAMPLE PAGE 4).  
THE LETTER "B" REPRESENTS COMPOSITE INSTALLATION LOAD (SEE PART NUMBER EXAMPLE PAGE 4).  
THE FINAL NUMBERS DESIGNATE THE GRIP LENGTH NUMBER OR THE NOMINAL PIN SHANK LENGTH IN .0625 INCH INCREMENTS (SEE PART NUMBER EXAMPLE PAGE 4).  
SEE FINISH CODE FOR SUFFIX INFORMATION (SEE PART NUMBER EXAMPLE PAGE 4).

DIMENSIONS IN INCHES

|                |          |                                                                                                                                                        |                         |
|----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| F <sub>7</sub> |          | REF ECR 3455; REVISED FINISH CODE DESCRIPTIONS FOR ALUMINUM COATING, ADDED PERMISSIBLE ALUMINUM COATING TABLE, ADDED KG1123ZA AS A PERMISSIBLE COATING |                         |
| ISSUED         | 06/09/81 | PIN COMPOSITE APPLICATIONS, LIGHTWEIGHT HUCKCOMP LGP, SHEAR TYPE, 100° COUNTERSUNK HEAD, SWAGE LOCKING, 6AL-4V TITANIUM, (95 KSI SHEAR)                |                         |
| REVISED        | 04/24/26 |                                                                                                                                                        | (H)LGPL8SC-V( )B( ) ( ) |
| PAGE           | 2 OF 4   |                                                                                                                                                        | COM101                  |

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| MECHANICAL PROPERTIES     |                    |                                      |                          |                                                      |                            |                                 |
|---------------------------|--------------------|--------------------------------------|--------------------------|------------------------------------------------------|----------------------------|---------------------------------|
| LGP PIN<br>PART<br>NUMBER | PIN<br>NOM<br>SIZE | MINIMUM<br>DOUBLE<br>SHEAR<br>POUNDS | COLLAR<br>PART<br>NUMBER | MIN ULTIMATE<br>TENSILE LBS<br>WITH LISTED<br>COLLAR | PIN POSITION<br>SWAGE GAGE | STANDARD COMPOSITE APPLICATIONS |
| (H)LGPL8SC-V05B( ) ( )    | .1640              | 4010                                 | SLFC-MV05                | 1500                                                 | HG118-05                   |                                 |
| (H)LGPL8SC-V06B( ) ( )    | .1900              | 5380                                 | SLFC-MV06                | 1900                                                 | HG118-06                   |                                 |
| (H)LGPL8SC-V08B( ) ( )    | .2500              | 9300                                 | SLFC-MV08                | 3450                                                 | HG118-08                   |                                 |
| (H)LGPL8SC-V10B( ) ( )    | .3125              | 14600                                | SLFC-MV10                | 6000                                                 | HG118-10                   |                                 |
| (H)LGPL8SC-V12B( ) ( )    | .3750              | 21000                                | SLFC-MV12                | 8000                                                 | HG118-12                   |                                 |
| (H)LGPL8SC-V14B( ) ( )    | .4375              | 28600                                | SLFC-MV14                | 12100                                                | HG118-14                   |                                 |
| (H)LGPL8SC-V16B( ) ( )    | .5000              | 37300                                | SLFC-MV16                | 15300                                                | HG118-16                   |                                 |

| MECHANICAL PROPERTIES     |                    |                                      |                          |                                                      |                            |                                          |
|---------------------------|--------------------|--------------------------------------|--------------------------|------------------------------------------------------|----------------------------|------------------------------------------|
| LGP PIN<br>PART<br>NUMBER | PIN<br>NOM<br>SIZE | MINIMUM<br>DOUBLE<br>SHEAR<br>POUNDS | COLLAR<br>PART<br>NUMBER | MIN ULTIMATE<br>TENSILE LBS<br>WITH LISTED<br>COLLAR | PIN POSITION<br>SWAGE GAGE | OPTIONAL COMPOSITE/METALLIC APPLICATIONS |
| (H)LGPL8SC-V05B( ) ( )    | .1640              | 4010                                 | 3SLC-C05                 | 1400                                                 | HG131-05                   |                                          |
| (H)LGPL8SC-V06B( ) ( )    | .1900              | 5380                                 | 3SLC-C06                 | 1600                                                 | HG131-06                   |                                          |
| (H)LGPL8SC-V08B( ) ( )    | .2500              | 9300                                 | 3SLC-C08                 | 3000                                                 | HG131-08                   |                                          |
| (H)LGPL8SC-V10B( ) ( )    | .3125              | 14600                                | 3SLC-C10                 | 5000                                                 | HG131-10                   |                                          |
| (H)LGPL8SC-V12B( ) ( )    | .3750              | 21000                                | 3SLC-C12                 | 7000                                                 | HG131-12                   |                                          |
| (H)LGPL8SC-V14B( ) ( )    | .4375              | 28600                                | 3SLC-C14                 | 9500                                                 | HG131-14                   |                                          |
| (H)LGPL8SC-V16B( ) ( )    | .5000              | 37300                                | 3SLC-C16                 | 12500                                                | HG131-16                   |                                          |

DIMENSIONS IN INCHES

|         |          |                                                                                                                                                        |  |  |                         |
|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------|
| F7      |          | REF ECR 3455; REVISED FINISH CODE DESCRIPTIONS FOR ALUMINUM COATING, ADDED PERMISSIBLE ALUMINUM COATING TABLE, ADDED KG1123ZA AS A PERMISSIBLE COATING |  |  |                         |
| ISSUED  | 06/09/81 | PIN COMPOSITE APPLICATIONS, LIGHTWEIGHT<br>HUCKCOMP LGP, SHEAR TYPE, 100°<br>COUNTERSUNK HEAD, SWAGING LOCKING,<br>6AL-4V TITANIUM, (95 KSI SHEAR)     |  |  | (H)LGPL8SC-V( )B( ) ( ) |
| REVISED | 04/24/26 |                                                                                                                                                        |  |  |                         |
| PAGE    | 3 OF 4   |                                                                                                                                                        |  |  | COM101                  |

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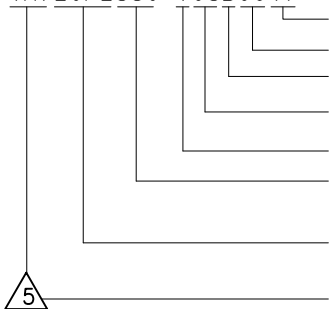
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| GRIP NUMBER TABULATION |                                                |                      |       |                                                |            |            |                     |            |                     |            |                     |            |                     |            |                     |            |                     |            |                     |
|------------------------|------------------------------------------------|----------------------|-------|------------------------------------------------|------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|
| GRIP<br>DASH<br>NO.    | PERMIS-<br>SIBLE<br>MINIMUM<br>GRIP<br>OVERLAP | DESIGN GRIP<br>RANGE |       | PERMIS-<br>SIBLE<br>MAXIMUM<br>GRIP<br>OVERLAP | X<br>±.005 | 05         |                     | 06         |                     | 08         |                     | 10         |                     | 12         |                     | 14         |                     | 16         |                     |
|                        |                                                | MIN                  | MAX   |                                                |            | Y<br>±.010 | Z<br>+.060<br>-.000 | Y<br>±.010 | Z<br>+.060<br>-.000 | Y<br>±.010 | Z<br>+.060<br>-.000 | Y<br>±.010 | Z<br>+.060<br>-.000 | Y<br>±.010 | Z<br>+.060<br>-.000 | Y<br>±.010 | Z<br>+.060<br>-.000 | Y<br>±.010 | Z<br>+.060<br>-.000 |
| 02                     | .047                                           | .063                 | .125  | .141                                           | .125       | .300       | .827                | .301       | .899                | —          | —                   | —          | —                   | —          | —                   | —          | —                   | —          | —                   |
| 03                     | .109                                           | .126                 | .188  | .203                                           | .188       | .363       | .890                | .364       | .962                | .432       | 1.085               | .501       | 1.199               | —          | —                   | —          | —                   | —          | —                   |
| 04                     | .172                                           | .189                 | .250  | .266                                           | .250       | .425       | .952                | .426       | 1.024               | .494       | 1.147               | .563       | 1.261               | .624       | 1.391               | .687       | 1.559               | —          | —                   |
| 05                     | .234                                           | .251                 | .312  | .328                                           | .312       | .487       | 1.014               | .488       | 1.086               | .556       | 1.209               | .625       | 1.323               | .686       | 1.453               | .749       | 1.621               | .815       | 1.777               |
| 06                     | .297                                           | .313                 | .375  | .391                                           | .375       | .550       | 1.077               | .551       | 1.149               | .619       | 1.272               | .688       | 1.386               | .749       | 1.516               | .812       | 1.684               | .878       | 1.840               |
| 07                     | .359                                           | .376                 | .438  | .453                                           | .438       | .613       | 1.140               | .614       | 1.212               | .682       | 1.335               | .751       | 1.449               | .812       | 1.579               | .875       | 1.747               | .941       | 1.903               |
| 08                     | .422                                           | .439                 | .500  | .516                                           | .500       | .675       | 1.202               | .676       | 1.274               | .744       | 1.397               | .813       | 1.511               | .874       | 1.641               | .937       | 1.809               | 1.003      | 1.965               |
| 09                     | .484                                           | .501                 | .562  | .578                                           | .562       | .737       | 1.264               | .738       | 1.336               | .806       | 1.459               | .875       | 1.573               | .936       | 1.703               | .999       | 1.871               | 1.065      | 2.027               |
| 10                     | .547                                           | .563                 | .625  | .641                                           | .625       | .800       | 1.327               | .801       | 1.399               | .869       | 1.522               | .938       | 1.636               | .999       | 1.766               | 1.062      | 1.934               | 1.128      | 2.090               |
| 11                     | .609                                           | .626                 | .688  | .703                                           | .688       | .863       | 1.390               | .864       | 1.462               | .932       | 1.585               | 1.001      | 1.699               | 1.062      | 1.829               | 1.125      | 1.997               | 1.191      | 2.153               |
| 12                     | .672                                           | .689                 | .750  | .766                                           | .750       | .925       | 1.452               | .926       | 1.524               | .994       | 1.647               | 1.063      | 1.761               | 1.124      | 1.891               | 1.187      | 2.059               | 1.253      | 2.215               |
| 13                     | .734                                           | .751                 | .812  | .828                                           | .812       | .987       | 1.514               | .988       | 1.586               | 1.056      | 1.709               | 1.125      | 1.823               | 1.186      | 1.953               | 1.249      | 2.121               | 1.315      | 2.277               |
| 14                     | .797                                           | .813                 | .875  | .891                                           | .875       | 1.050      | 1.577               | 1.051      | 1.649               | 1.119      | 1.772               | 1.188      | 1.886               | 1.249      | 2.016               | 1.312      | 2.184               | 1.378      | 2.340               |
| 15                     | .859                                           | .876                 | .938  | .953                                           | .938       | 1.113      | 1.640               | 1.114      | 1.712               | 1.182      | 1.835               | 1.251      | 1.949               | 1.312      | 2.079               | 1.375      | 2.247               | 1.441      | 2.403               |
| 16                     | .922                                           | .939                 | 1.000 | 1.016                                          | 1.000      | 1.175      | 1.702               | 1.176      | 1.774               | 1.244      | 1.897               | 1.313      | 2.011               | 1.374      | 2.141               | 1.437      | 2.309               | 1.503      | 2.465               |
| 17                     | .984                                           | 1.001                | 1.062 | 1.078                                          | 1.062      | 1.237      | 1.764               | 1.238      | 1.836               | 1.306      | 1.959               | 1.375      | 2.073               | 1.436      | 2.203               | 1.499      | 2.371               | 1.565      | 2.527               |
| 18                     | 1.047                                          | 1.063                | 1.125 | 1.141                                          | 1.125      | 1.300      | 1.827               | 1.301      | 1.899               | 1.369      | 2.022               | 1.438      | 2.136               | 1.499      | 2.266               | 1.562      | 2.434               | 1.628      | 2.590               |
| 19                     | 1.109                                          | 1.126                | 1.188 | 1.203                                          | 1.188      | 1.363      | 1.890               | 1.364      | 1.962               | 1.432      | 2.085               | 1.501      | 2.199               | 1.562      | 2.329               | 1.625      | 2.497               | 1.691      | 2.653               |
| 20                     | 1.172                                          | 1.189                | 1.250 | 1.266                                          | 1.250      | 1.425      | 1.952               | 1.426      | 2.024               | 1.494      | 2.147               | 1.563      | 2.261               | 1.624      | 2.391               | 1.687      | 2.559               | 1.753      | 2.715               |
| 21                     | 1.234                                          | 1.251                | 1.312 | 1.328                                          | 1.312      | 1.487      | 2.014               | 1.488      | 2.086               | 1.556      | 2.209               | 1.625      | 2.323               | 1.686      | 2.453               | 1.749      | 2.621               | 1.815      | 2.777               |
| 22                     | 1.297                                          | 1.313                | 1.375 | 1.391                                          | 1.375      | 1.550      | 2.077               | 1.551      | 2.149               | 1.619      | 2.272               | 1.688      | 2.386               | 1.749      | 2.516               | 1.812      | 2.684               | 1.878      | 2.840               |
| 23                     | 1.359                                          | 1.376                | 1.438 | 1.453                                          | 1.438      | 1.613      | 2.140               | 1.614      | 2.212               | 1.682      | 2.335               | 1.751      | 2.449               | 1.812      | 2.579               | 1.875      | 2.747               | 1.941      | 2.903               |
| 24                     | 1.422                                          | 1.439                | 1.500 | 1.516                                          | 1.500      | 1.675      | 2.202               | 1.676      | 2.274               | 1.744      | 2.397               | 1.813      | 2.511               | 1.874      | 2.641               | 1.937      | 2.809               | 2.003      | 2.965               |
| 25                     | 1.484                                          | 1.501                | 1.562 | 1.578                                          | 1.562      | 1.737      | 2.264               | 1.738      | 2.336               | 1.806      | 2.459               | 1.875      | 2.573               | 1.936      | 2.703               | 1.999      | 2.871               | 2.065      | 3.027               |
| 26                     | 1.547                                          | 1.563                | 1.625 | 1.641                                          | 1.625      | 1.800      | 2.327               | 1.801      | 2.399               | 1.869      | 2.522               | 1.938      | 2.636               | 1.999      | 2.766               | 2.062      | 2.934               | 2.128      | 3.090               |
| 27                     | 1.609                                          | 1.626                | 1.688 | 1.703                                          | 1.688      | 1.863      | 2.390               | 1.864      | 2.462               | 1.932      | 2.585               | 2.001      | 2.699               | 2.062      | 2.829               | 2.125      | 2.997               | 2.191      | 3.153               |
| 28                     | 1.672                                          | 1.689                | 1.750 | 1.766                                          | 1.750      | 1.925      | 2.452               | 1.926      | 2.524               | 1.994      | 2.647               | 2.063      | 2.761               | 2.124      | 2.891               | 2.187      | 3.059               | 2.253      | 3.215               |
| 29                     | 1.734                                          | 1.751                | 1.812 | 1.828                                          | 1.812      | 1.987      | 2.514               | 1.988      | 2.586               | 2.056      | 2.709               | 2.125      | 2.823               | 2.186      | 2.953               | 2.249      | 3.121               | 2.315      | 3.277               |
| 30                     | 1.797                                          | 1.813                | 1.875 | 1.891                                          | 1.875      | 2.050      | 2.577               | 2.051      | 2.649               | 2.119      | 2.772               | 2.188      | 2.886               | 2.249      | 3.016               | 2.312      | 3.184               | 2.378      | 3.340               |
| 31                     | 1.859                                          | 1.876                | 1.938 | 1.953                                          | 1.938      | 2.113      | 2.640               | 2.114      | 2.712               | 2.182      | 2.835               | 2.251      | 2.949               | 2.312      | 3.079               | 2.375      | 3.247               | 2.441      | 3.403               |
| 32                     | 1.922                                          | 1.939                | 2.000 | 2.016                                          | 2.000      | 2.175      | 2.702               | 2.176      | 2.774               | 2.244      | 2.897               | 2.313      | 3.011               | 2.374      | 3.141               | 2.437      | 3.309               | 2.503      | 3.465               |

PART NUMBER

EXAMPLE: (H)LGPL8SC-V08B06()



- FINISH SUFFIX (SEE FINISH CODE).
- GRIP LENGTH IN .0625 INCH INCREMENTS.
- COMPOSITE INSTALLATION LOAD.
- SHANK DIA IN .03125 INCH INCREMENTS
- 6AL-4V TITANIUM.
- 100° TENSION COUNTERSUNK HEAD,  
FOR SHEAR COMPOSITE APPLICATIONS.
- FAMILY OF LGP LIGHTWEIGHT PINS FOR  
AEROSPACE APPLICATIONS.
- ADD "H" PREFIX TO PART NUMBER TO INCLUDE  
SEALANT ESCAPE GROOVE.

DIMENSIONS IN INCHES

|         |                                                                                                                                                        |                                                                                                                                           |  |  |                     |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--|--|---------------------|
| F7      | REF ECR 3455; REVISED FINISH CODE DESCRIPTIONS FOR ALUMINUM COATING, ADDED PERMISSIBLE ALUMINUM COATING TABLE, ADDED K61123ZA AS A PERMISSIBLE COATING |                                                                                                                                           |  |  |                     |
| ISSUED  | 06/09/81                                                                                                                                               | PIN COMPOSITE APPLICATIONS, LIGHTWEIGHT HUCKCOMP LGP, SHEAR TYPE, 100° COUNTERSUNK HEAD, SWAGING LOCKING, 6AL-4V TITANIUM, (95 KSI SHEAR) |  |  | (H)LGPL8SC-V()B()() |
| REVISED | 04/24/26                                                                                                                                               |                                                                                                                                           |  |  |                     |
| PAGE    | 4 OF 4                                                                                                                                                 |                                                                                                                                           |  |  | COM101              |