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REV.  
C

AS3088™

FEDERAL SUPPLY CLASS  
5307

#### RATIONALE

FIGURE 1 REDRAWN TO ASME Y14.5-2018, USAGE NOTE ADDED, SPECS UPDATED, THREAD END CHAMFERS ALTERED TO AS1132 STANDARD.

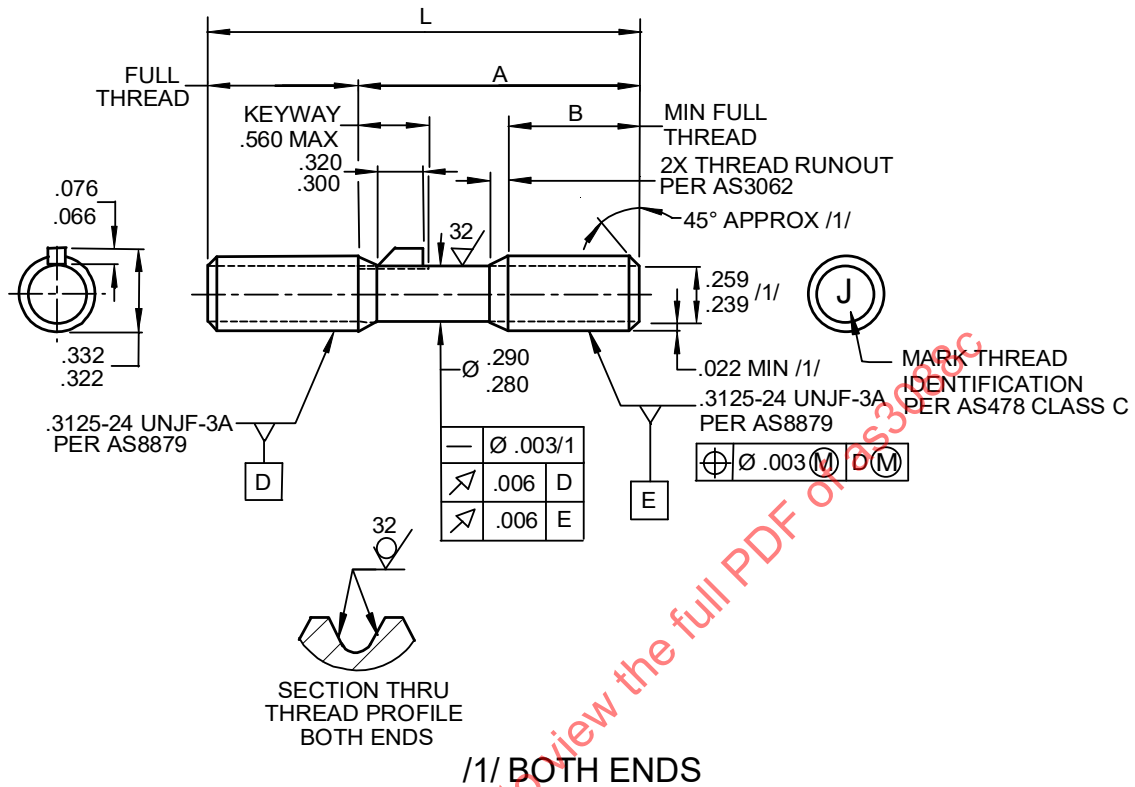
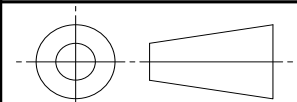


FIGURE 1 - STUD

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS3088C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452 /4/



#### AEROSPACE STANDARD

STUD, STRAIGHT, KEY LOCKED,  
CADMIUM PLATED, STEEL, UNS G87400  
.3125-24 UNJF-3A X .3125-24 UNJF-3A

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TABLE 1 - PART NUMBERS AND DIMENSIONS

| PART<br>NUMBERS | L           | A           | B<br>MIN /a/ | APPROX<br>MASS<br>LB/100 |
|-----------------|-------------|-------------|--------------|--------------------------|
| AS3088-01       | 1.240-1.260 | .615- .635  | .500         | 2.24                     |
| AS3088-02       | 1.302-1.322 | .678- .698  | .562         | 2.35                     |
| AS3088-03       | 1.365-1.385 | .740- .760  | .625         | 2.46                     |
| AS3088-04       | 1.428-1.448 | .802- .822  | .625         | 2.57                     |
| AS3088-05       | 1.490-1.510 | .865- .885  | .625         | 2.69                     |
| AS3088-06       | 1.552-1.572 | .928- .948  | .688         | 2.80                     |
| AS3088-07       | 1.584-1.604 | .959- .979  | .688         | 2.86                     |
| AS3088-08       | 1.615-1.635 | .990-1.010  | .625         | 2.91                     |
| AS3088-09       | 1.678-1.698 | 1.052-1.072 | .719         | 3.03                     |
| AS3088-10       | 1.740-1.760 | 1.115-1.135 | .625         | 3.14                     |
| AS3088-11       | 1.802-1.822 | 1.178-1.198 | .625         | 3.25                     |
| AS3088-12       | 1.865-1.885 | 1.240-1.260 | .625         | 3.37                     |

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

| PART<br>NUMBERS | L           | A           | B<br>MIN /a/ | APPROX<br>MASS<br>LB/100 |
|-----------------|-------------|-------------|--------------|--------------------------|
| AS3088-13       | 1.928-1.948 | 1.302-1.322 | .625         | 3.48                     |
| AS3088-14       | 1.990-2.010 | 1.365-1.385 | .625         | 3.59                     |
| AS3088-15       | 2.052-2.072 | 1.428-1.448 | .625         | 3.70                     |
| AS3088-16       | 2.115-2.135 | 1.490-1.510 | .625         | 3.82                     |
| AS3088-17       | 2.178-2.198 | 1.552-1.572 | .625         | 3.93                     |
| AS3088-18       | 2.240-2.260 | 1.615-1.635 | .625         | 4.04                     |
| AS3088-19       | 2.302-2.322 | 1.678-1.698 | .625         | 4.16                     |
| AS3088-20       | 2.365-2.385 | 1.740-1.760 | .625         | 4.27                     |
| AS3088-21       | 2.490-2.510 | 1.865-1.885 | .625         | 4.50                     |
| AS3088-22       | 2.615-2.635 | 1.990-2.010 | .625         | 4.72                     |
| AS3088-23       | 2.740-2.760 | 2.115-2.135 | .625         | 4.95                     |
| AS3088-24       | 2.865-2.885 | 2.240-2.260 | .625         | 5.17                     |
| AS3088-25       | 2.990-3.010 | 2.365-2.385 | .625         | 5.40                     |
| AS3088-26       | 3.115-3.135 | 2.490-2.510 | .625         | 5.63                     |
| AS3088-27       | 3.240-3.260 | 2.615-2.635 | .625         | 5.85                     |
| AS3088-28       | 3.365-3.385 | 2.740-2.760 | .625         | 6.08                     |
| AS3088-29       | 3.490-3.510 | 2.865-2.885 | .625         | 6.30                     |
| AS3088-30       | 3.615-3.635 | 2.990-3.010 | .625         | 6.53                     |
| AS3088-31       | 3.740-3.760 | 3.115-3.135 | .625         | 6.76                     |
| AS3088-32       | 3.865-3.885 | 3.240-3.260 | .625         | 6.98                     |
| AS3088-33       | 3.990-4.010 | 3.365-3.385 | .625         | 7.21                     |
| AS3088-34       | 4.115-4.135 | 3.490-3.510 | .625         | 7.43                     |

/a/ DIMENSION "B" FOR -06, -07, AND -09 MEETS THE REQUIREMENTS OF AND20001, AND20003, AND20009, AND20010.



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