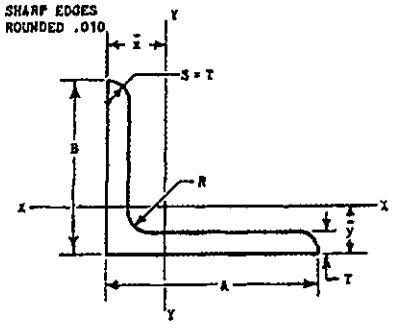
FED. SUP CLASS
9540




NOTES ON SYMBOLS

"$\bar{y}$" (and "$\bar{x}$") = LOCATING DIMENSIONS FOR AXIS XX-YY.

Ixx (and Iyy) = MOMENT OF INERTIA ABOUT XX AND YY.

ρxx (and ρyy) = RADIUS OF GYRATION ABOUT XX AND YY.

DASH NUMBER: IS DIE NUMBER AND INDICATES EACH SHAPE AND SIZE OF SECTION. EXAMPLE: IN "AND10134-1401", "10134" INDICATES "ANGLE-UNEQUAL LEG", 1N INDICATES 1-4/8" FOR DIMENSION "A" (1.500 IN COL. "A"). 01 IN 1401 IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE GOVERNMENT SPECIFICATIONS.

(3) REINSTATE - 3 Mar 82

| AND 10134 DASH NO'S | NOMINAL DIMENSIONS | | | | AREA | SECTION ELEMENTS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | T | R | | $\bar{y}$ | $\bar{x}$ | Ixx | Iyy | $\rho_{xx}$ | $\rho_{yy}$ |
| | Inches | | | | Square Inches | Inch | | Inches$^4$ | | Inch | |
| -0501 | .625 | .500 | .050 | .063 | .0339 | .124 | .187 | .0011 | .0020 | .176 | .183 |
| -0601 | .750 | .500 | .063 | .063 | .0739 | .120 | .243 | .0014 | .0021 | .139 | .235 |
| -0602 | | .625 | .063 | | .0818 | .162 | .222 | .0027 | .0044 | .181 | .232 |
| -0701 | .875 | .625 | .063 | .125 | .0922 | .150 | .269 | .0029 | .0069 | .177 | .274 |
| -0702 | | .750 | .063 | | .100 | .190 | .250 | .0049 | .0073 | .221 | .270 |
| -0703 | | | .125 | | .184 | .211 | .272 | .0082 | .0123 | .211 | .258 |
| -1001 | 1.000 | .625 | .063 | .125 | .100 | .120 | .320 | .0029 | .0100 | .170 | .316 |
| -1002 | | | .125 | | .184 | .160 | .344 | .0050 | .0170 | .165 | .304 |
| -1003 | | .750 | .063 | | .108 | .178 | .299 | .0051 | .0106 | .217 | .313 |
| -1004 | | | .125 | | .200 | .199 | .322 | .0086 | .0182 | .208 | .302 |
| -1005 | | .875 | .063 | | .116 | .220 | .281 | .0079 | .0111 | .262 | .310 |
| -1006 | | | .094 | | .167 | .231 | .292 | .0110 | .0155 | .257 | .305 |
| -1201 | 1.250 | .750 | .063 | .125 | .124 | .159 | .403 | .0054 | .0197 | .209 | .400 |
| -1202 | | | .094 | | .179 | .170 | .416 | .0074 | .0276 | .203 | .393 |
| -1203 | | | .125 | | .231 | .181 | .427 | .0092 | .0346 | .203 | .387 |
| -1204 | | 1.000 | .063 | | .139 | .239 | .361 | .0124 | .0217 | .298 | .394 |
| -1205 | | | .094 | | .202 | .250 | .373 | .0171 | .0336 | .291 | .389 |
| -1206 | | | .125 | | .262 | .250 | .384 | .0215 | .0383 | .286 | .382 |
| -1401 | 1.500 | .750 | .094 | .156 | .204 | .146 | .522 | .0077 | .0463 | .194 | .476 |
| -1402 | | | .125 | | .264 | .167 | .534 | .0096 | .0584 | .191 | .465 |
| -1403 | | 1.000 | .094 | | .228 | .228 | .472 | .0182 | .0512 | .282 | .474 |
| -1404 | | | .125 | | .295 | .239 | .485 | .0226 | .0647 | .276 | .468 |
| -1405 | | | .156 | | .361 | .249 | .495 | .0265 | .0772 | .271 | .463 |
| -1406 | | 1.250 | .094 | | .251 | .310 | .433 | .0347 | .0550 | .372 | .468 |
| -1407 | | | .125 | | .327 | .321 | .444 | .0436 | .0698 | .365 | .462 |
| -1408 | | | .156 | | .400 | .331 | .455 | .0518 | .0834 | .360 | .457 |
| -1601 | 1.750 | 1.000 | .125 | .156 | .327 | .222 | .591 | .0236 | .0998 | .269 | .553 |
| -1602 | | 1.250 | .125 | | .358 | .300 | .645 | .0465 | .1078 | .360 | .549 |
| -1603 | | 1.500 | .125 | | .389 | .383 | .506 | .0776 | .1144 | .447 | .542 |
| -1604 | | | .156 | | .478 | .393 | .517 | .0928 | .1377 | .441 | .537 |

APPROVED 2 Apr 43 — REVISED (1) 21 Mar 45 (2) 1 Sep 81 (3) 3 Mar 82

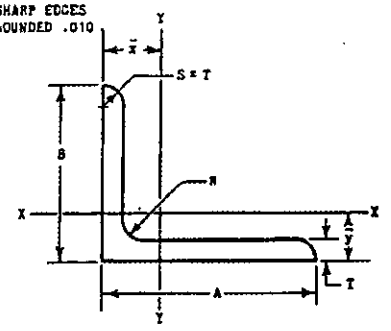
This standard is approved for use by the Department of the Air Force and is available for use by all Department and Agencies of the Department of Defense.

| P.A. | INTERNATIONAL INTEREST | TITLE | ARMY-NAVY AERONAUTICAL DESIGN STANDARD |
|---|---|---|---|
| Air Force - 11<br>Other Cust<br>NO INTEREST | | ANGLE - UNEQUAL LEG EXTRUDED | AND 10134 |
| PROCUREMENT SPECIFICATION<br>NONE | SUPERSEDES: | | SHEET 1 OF 2 |

DD FORM 1 MAY 73 672-1 (LIMITED COORDINATION) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FED. SUPPLY CLASS
9540

SHARP EDGES
ROUNDED .010

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MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE GOVERNMENT SPECIFICATIONS.

| AND 10134 DASH NO'S | NOMINAL DIMENSIONS | | | | AREA |
|---|---|---|---|---|---|
| | A | B | T | R | |
| | Inches | | | | Square Inches |
| -2001 | 2.000 | 1.000 | .125 | .156 | .358 |
| -2002 | | | .156 | | .439 |
| -2003 | | 1.250 | .125 | .188 | .392 |
| -2004 | | | .156 | | .480 |
| -2005 | | | .188 | | .568 |
| -2006 | | 1.500 | .125 | | .423 |
| -2007 | | | .156 | | .519 |
| -2008 | | | .188 | | .615 |
| -2009 | | 1.750 | .125 | | .454 |
| -2010 | | | .156 | | .558 |
| -2011 | | | .188 | | .662 |
| -2401 | 2.500 | 1.250 | .156 | .188 | .558 |
| -2402 | | | .188 | | .662 |
| -2403 | | 1.500 | .156 | | .597 |
| -2404 | | | .188 | | .709 |
| -2405 | | 1.750 | .156 | | .636 |
| -2406 | | | .188 | | .756 |
| -2407 | | 2.000 | .156 | .250 | .681 |
| -2408 | | | .188 | | .809 |
| -2409 | | 2.250 | .156 | | .720 |
| -2410 | | | .188 | | .856 |
| -3001 | 3.000 | 1.500 | .188 | .250 | .809 |
| -3002 | | | .250 | | 1.050 |
| -3003 | | 2.000 | .188 | | .903 |
| -3004 | | | .250 | | 1.17 |
| -3005 | | 2.500 | .250 | | 1.30 |
| -3006 | | | .313 | | 1.60 |

| SECTION ELEMENTS | | | | | |
|---|---|---|---|---|---|
| $\bar{y}$ | $\bar{x}$ | Ixx | Iyy | ρxx | ρyy |
| Inch | | Inches$^4$ | | Inch | |
| .208 | .701 | .0244 | .1453 | .261 | .637 |
| .219 | .712 | .0287 | .1745 | .256 | .631 |
| .279 | .647 | .0473 | .1576 | .348 | .643 |
| .289 | .659 | .0563 | .1893 | .343 | .629 |
| .300 | .670 | .0643 | .2197 | .336 | .622 |
| .358 | .603 | .0806 | .1675 | .437 | .629 |
| .369 | .615 | .0965 | .2016 | .431 | .623 |
| .379 | .626 | .1114 | .2346 | .426 | .618 |
| .443 | .566 | .1256 | .1760 | .526 | .623 |
| .454 | .577 | .1511 | .2125 | .520 | .617 |
| .465 | .588 | .1752 | .2472 | .514 | .611 |
| .260 | .876 | .0594 | .3540 | .326 | .796 |
| .271 | .889 | .0684 | .4137 | .321 | .790 |
| .331 | .824 | .1023 | .3773 | .414 | .795 |
| .341 | .836 | .1184 | .4416 | .409 | .789 |
| .408 | .778 | .1608 | .3978 | .503 | .791 |
| .419 | .790 | .1868 | .4660 | .497 | .785 |
| .489 | .734 | .2369 | .4174 | .590 | .783 |
| .500 | .746 | .2763 | .4889 | .584 | .777 |
| .575 | .698 | .3320 | .4333 | .679 | .776 |
| .587 | .710 | .3884 | .5077 | .674 | .770 |
| .312 | 1.05 | .1238 | .7387 | .391 | .956 |
| .333 | 1.07 | .152 | .9323 | .381 | .943 |
| .458 | .950 | .2904 | .8159 | .567 | .950 |
| .478 | .972 | .3627 | 1.034 | .556 | .938 |
| .644 | .891 | .6992 | 1.115 | .734 | .927 |
| .666 | .912 | .8316 | 1.334 | .722 | .915 |

APPROVED 2 Apr 43 REVISED (1) 21 Mar 45 (2) 1 Sep 81 (3) 3 Mar 82



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