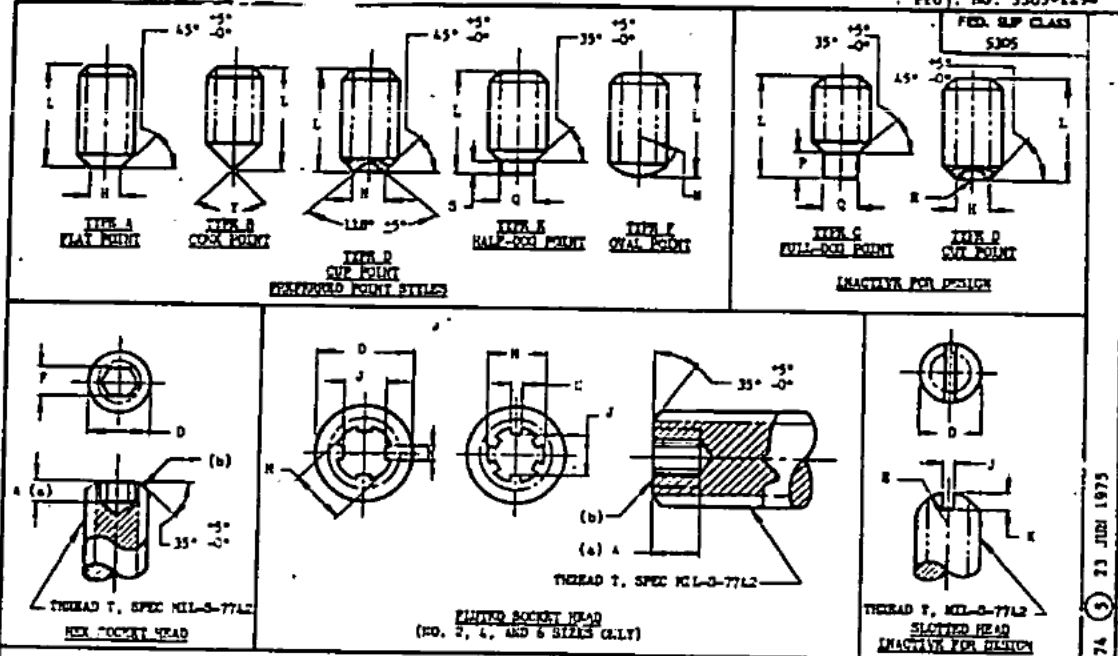


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| NOMINAL SIZE | THREAD T | D MAX DIA | NUMBER OF FLUTES | FLUTED SOCKET HEAD | | | | | |
|--------------|----------------|-----------|------------------|------------------------|-------|------------------------|------|-------------------|------|
| | | | | SOCKET DIAMETER, MINOR | | SOCKET DIAMETER, MAJOR | | SOCKET LAND WIDTH | |
| | | | | MAX | MIN | MAX | MIN | MAX | MIN |
| NO. 2 | FD. 2-56UNC-3A | .065 | 4 | .038 | .0375 | .050 | .049 | .017 | .016 |
| NO. 4 | FD. 4-48UNC-3A | .112 | 6 | .051 | .050 | .062 | .061 | .021 | .020 |
| NO. 6 | FD. 6-36UNC-3A | .138 | 4 | .056 | .055 | .079 | .078 | .023 | .022 |

| NOMINAL SIZE | THREAD C | D MAX DIA | HEX COCK HEAD | | SLOTTED HEAD | | TYPES A AND D | | TYPE B | | TYPES K AND C | | TYPE F | |
|--------------|-----------------|-----------|---------------|-------|--------------|------|---------------|-------|--------|------|---------------|------|--------|------|
| | | | F | R | L | K | Q | R | L | S | P | | | |
| | | | | | | | | | | | | MAX | | MIN |
| FD. 2 | FD. 2-56UNC-3A | .065 | .0355 | .0340 | .028 | .028 | .027 | .0265 | 3/32 | 7/64 | .057 | .053 | .022 | .021 |
| FD. 4 | FD. 4-48UNC-3A | .112 | .0510 | .0495 | .042 | .042 | .041 | .0405 | 1/8 | 3/32 | .075 | .071 | .028 | .027 |
| FD. 6 | FD. 6-36UNC-3A | .138 | .0580 | .0565 | .048 | .048 | .047 | .0465 | 1/8 | 3/16 | .083 | .079 | .030 | .029 |
| FD. 8 | FD. 8-32UNC-3A | .164 | .0650 | .0635 | .054 | .054 | .053 | .0525 | 1/8 | 3/16 | .092 | .088 | .033 | .032 |
| FD. 10 | FD. 10-24UNC-3A | .190 | .0720 | .0705 | .060 | .060 | .059 | .0585 | 1/8 | 3/16 | .101 | .097 | .036 | .035 |
| FD. 12 | FD. 12-18UNC-3A | .216 | .0790 | .0775 | .066 | .066 | .065 | .0645 | 1/8 | 3/16 | .110 | .106 | .039 | .038 |
| 1/4 | 1/4-28UNF-3A | .250 | .1270 | .1255 | .104 | .104 | .103 | .1025 | 1/4 | 5/16 | .156 | .152 | .063 | .062 |
| 5/16 | 5/16-18UNF-3A | .3125 | .1482 | .1467 | .124 | .124 | .123 | .1225 | 5/16 | 3/8 | .203 | .199 | .078 | .077 |
| 3/8 | 3/8-16UNF-3A | .375 | .1695 | .1680 | .142 | .142 | .141 | .1405 | 3/8 | 7/16 | .250 | .246 | .094 | .093 |
| 1/2 | 1/2-13UNF-3A | .500 | .2520 | .2505 | .201 | .201 | .199 | .1985 | 1/2 | 9/16 | .344 | .340 | .125 | .124 |

FOR CHANGES SEE SHEET 2

| | | |
|---------------------------------------|--|--------------|
| PROCUREMENT SPECIFICATION FF-5-200 | AIR FORCE-NAVY AERONAUTICAL STANDARD SETScrew-HEXAGON AND FLUTED SOCKET, HEADLESS | AN565 |
| | SUPERSEDES SUPERSEDES USAF DRAWINGS 565 AND 566 | SHEET 1 OF 3 |

REVISED 1 20 Feb 65 2 21 Jun 65 3 29 DEC 72 4 8 NOV 74 5 23 JUN 1975

THE NO. 2 SIZE IS H.O.K. - P.R.E.F.E.R.R.E.D FOR AIRFRAME USE

NO. 3-48, NO. 5-40, NO. 10-24, 1/4-20, 5/16-18, 3/8-16, AND 1/2-13 COARSE THREAD SETSCREWS
FACTIVE FOR DESIGN AFTER 1 JULY 1954

COARSE
THREAD

| L LENGTH | NO. 2-36 | NO. 3-48 | NO. 4-40 | NO. 5-40 | NO. 6-32 | NO. 8-32 | NO. 10-24 | 1/4-20 | 5/16-18 | 3/8-16 | 1/2-13 |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------|---------|--------|--------|
| | | | | | | | | | | | |
| 1/8 | .015 | 2-1 | 3-1 | 4-2 | 5-2 | 6-3 | 8-2 | 10-3 | 12-3 | 16-3 | 20-3 |
| 3/16 | .015 | 2-1 | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 1/4 | .015 | 2-1 | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 5/16 | .015 | 2-1 | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 3/8 | .015 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 7/16 | .015 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 1/2 | .015 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 9/16 | .015 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 5/8 | .015 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 3/4 | .015 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 7/8 | .015 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 1-1/4 | .019 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 1-1/2 | .022 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 1-3/4 | .026 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 2 | .030 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 2-1/4 | .031 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 2-1/2 | .031 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 2-3/4 | .031 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |
| 3 | .031 | | 3-2 | 4-3 | 5-3 | 6-3 | 8-3 | 10-3 | 12-3 | 16-3 | 20-3 |

FINE THREAD

| L LENGTH | NO. 10-32 | DASH NUMBERS | | | | |
|-------------|--------------|--------------|---------|--------|--------|-------|
| | | 1/4-28 | 5/16-24 | 3/8-24 | 1/2-20 | |
| 1/8 | .010 | 1032-2 | | | | |
| 3/16 | .010 | 1032-3 | 28-3 | | | |
| 1/4 | .010 | 1032-4 | 28-4 | 24-4 | | |
| 5/16 | .010 | 1032-5 | 28-5 | 24-5 | | |
| 3/8 | .010 | 1032-6 | 28-6 | 24-6 | 20-6 | |
| 7/16 | .010 | 1032-7 | 28-7 | 24-7 | 20-7 | |
| 1/2 | .010 | 1032-8 | 28-8 | 24-8 | 20-8 | |
| 9/16 | .010 | 1032-9 | 28-9 | 24-9 | 20-9 | |
| 5/8 | .010 | 1032-10 | 28-10 | 24-10 | 20-10 | |
| 3/4 | .011 | 1032-12 | 28-12 | 24-12 | 20-12 | |
| 7/8 | .013 | 1032-14 | 28-14 | 24-14 | 20-14 | |
| 1 | .015 | 1032-16 | 28-16 | 24-16 | 20-16 | |
| 1-1/4 | .019 | 1032-20 | 28-20 | 24-20 | 20-20 | |
| 1-1/2 | .022 | | 28-24 | 24-24 | 20-24 | |
| 1-3/4 | .026 | | 28-28 | 24-28 | 20-28 | |
| 2 | .030 | | 28-32 | 24-32 | 20-32 | |
| 2-1/4 | .031 | | | | | 20-40 |
| 2-1/2 | .031 | | | | | 20-40 |
| 2-3/4 | .031 | | | | | 20-40 |
| 3 | .031 | | | | | 20-40 |

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NOTE: This drawing was approved by both the Air Force and Navy Departments as the Air Force-NAVY standard for this product. The drawing conforms to all conventional standard drawings for this same product and shall become effective for use by the Government of commercial suppliers, or for use by any design, and that after 6 months after the issue date of this drawing.

APPROVED 26 Feb 54 REVISED 5 17 54 2

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|--|---|-----------------------|
| PROCUREMENT SPECIFICATION FF-5-200 | AIR FORCE-NAVY AERONAUTICAL STANDARD SETSCREW-HEXAGON AND FLUTED SOCKET, HEADLESS | AN565 SHEET 2 OF 3 |
| | SUPERSEDES: SUPERSEDES USAF DRAWINGS 505 AND 506 | |

