

REV.
C

AS5768/1

FEDERAL SUPPLY CLASS
5120

RATIONALE

REVISION REQUIRED TO IMPROVE FIGURES, ADD NEW WIRE SPECIFICATION REFERENCES, ADDRESS AS22759/1-4 TOOLS, AND IMPROVE BLADE CONFIGURATION FOR AS85485 CABLES.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS5768.

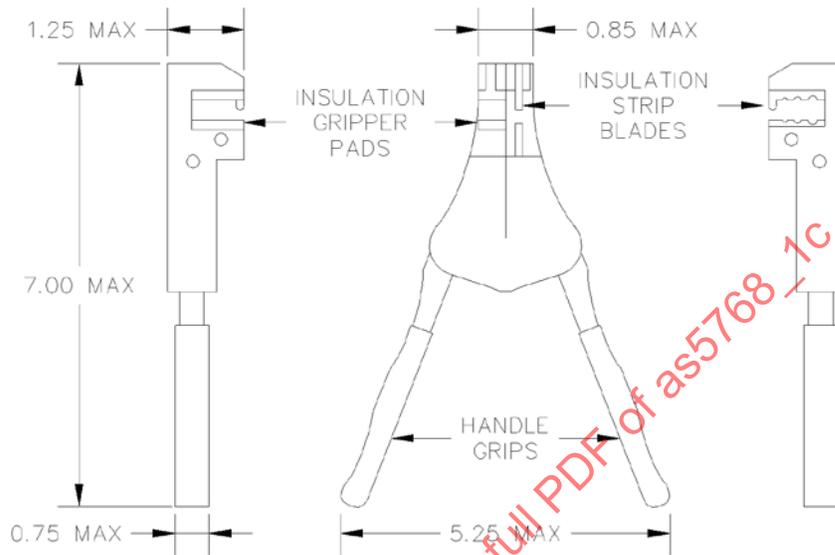


FIGURE 1 - STRIPPER TOOL ASSEMBLY WITH BLADES AND PADS ATTACHED

NOTE: LOCATION OF TOOL PART NUMBER AND APPLICABLE WIRE SPECIFICATIONS LISTING IS OPTIONAL (SEE TABLE 1).

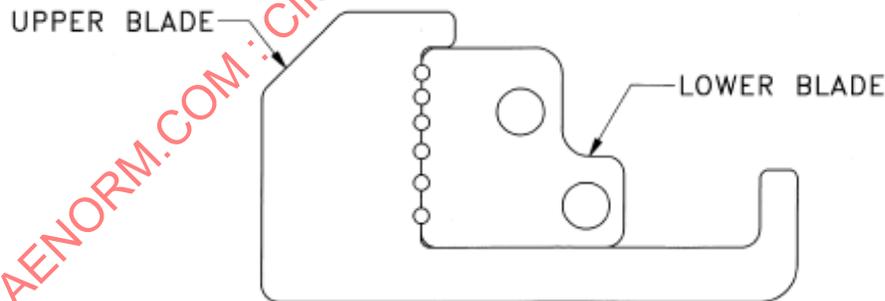
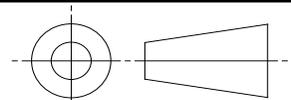


FIGURE 2 - BLADE ASSEMBLY

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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS5768



AEROSPACE STANDARD

(R) TOOL, STRIPPER, MANUALLY ACTUATED, ELECTRICAL INSULATION, ROUND WIRE, SIZE 10 TO 30

AS5768/1
SHEET 1 OF 8

REV.
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ISSUED 2008-08 REVISED 2014-11

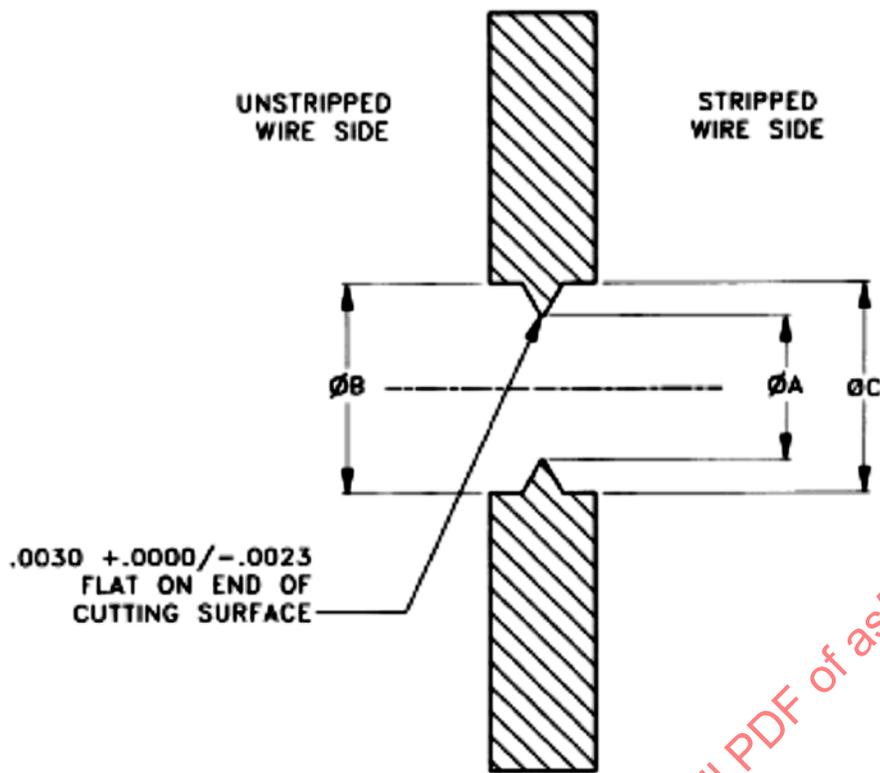


FIGURE 3 - BLADE DIES (SEE TABLE 2 AND AS5768)

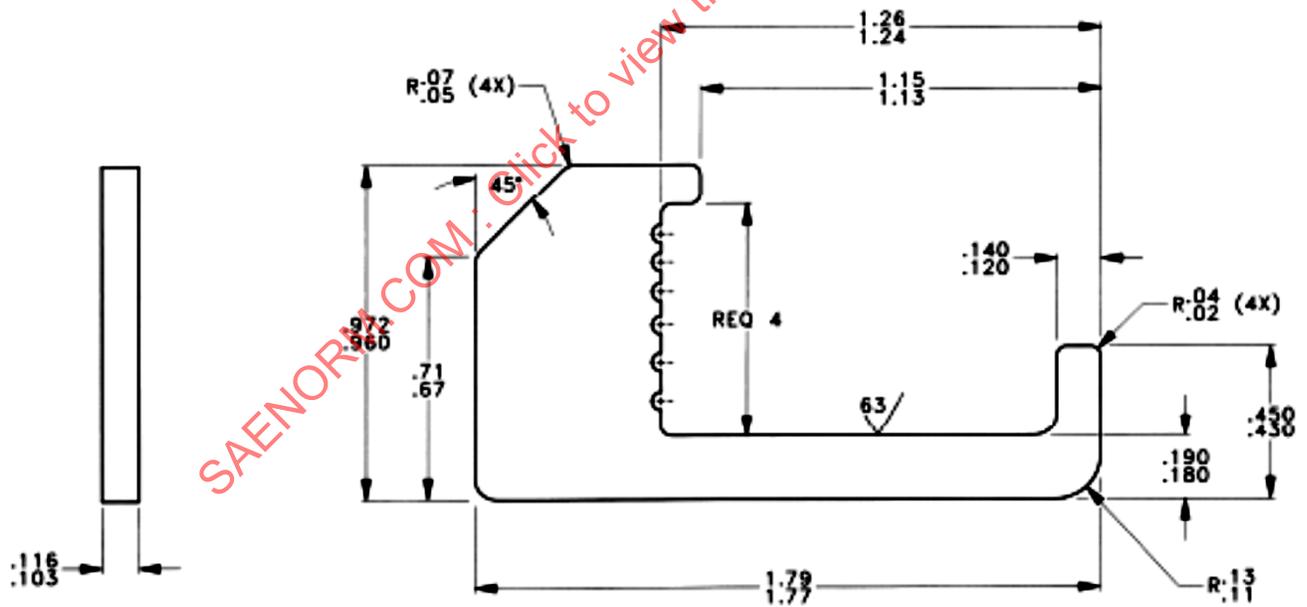


FIGURE 4 - UPPER BLADE DIMENSIONS

NOTE: BLADE PART NUMBER TO BE MARKED ABOVE THE WIRE CAVITIES (SEE TABLE 2).

	AEROSPACE STANDARD	AS5768/1 SHEET 2 OF 8	REV. C
	(R) TOOL, STRIPPER, MANUALLY ACTUATED, ELECTRICAL INSULATION, ROUND WIRE, SIZE 10 TO 30		

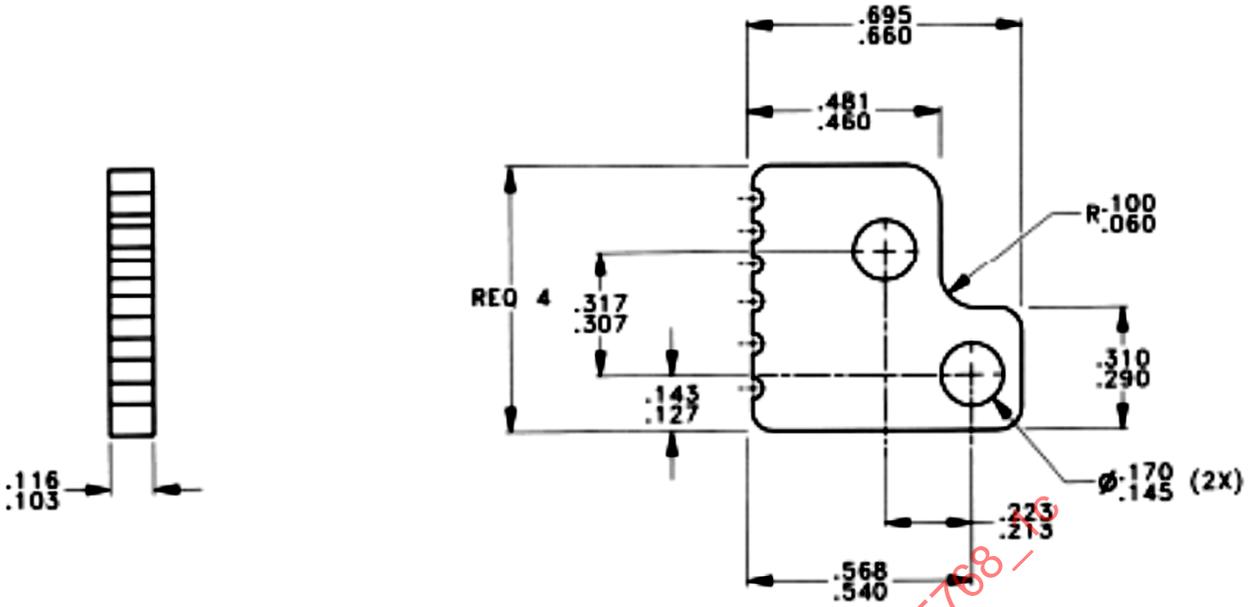


FIGURE 4A - LOWER BLADE ASSEMBLY DIMENSIONS (SEE TABLE 2)

NOTE: CAVITY WIRE SIZE SHALL BE MARKED UNDER EACH CAVITY (SEE TABLE 2)

(UPPER BLADE MUST BE $.004 +.005 -.000$ INCH THINNER THAN LOWER BLADE FINAL THICKNESS)

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	AEROSPACE STANDARD	AS5768/1 SHEET 3 OF 8	REV. C
	(R) TOOL, STRIPPER, MANUALLY ACTUATED, ELECTRICAL INSULATION, ROUND WIRE, SIZE 10 TO 30		

TABLE 1 - TOOL ASSEMBLY WITH BLADES AND PADS ATTACHED (SEE FIGURES 2 THRU 4)

TOOL PART NUMBER AS5768/1-T	BLADE PART NUMBER AS5768/1-B	WIRE TYPE 1/	WIRE SIZE CAVITIES
1	1	AS50861/1, /2, /4-7, AS22759/2	10-14
2	2	AS50861/1, /2, /4-7	16-22
3	3	AS22759/5, /6	16-22
4	4	AS22759/7, /8	16-22
5	5	AS22759/9-/12, /16, /17, /20-/23, /28-/35, /40-/54,, AS81044/11-/13, AS85485/9-/12, MIL-DTL-81381/3, /4,	10-14
6	6	AS22759/9-/12, /13-/15, /20-/23, /28-/31	16-26
7	7	AS22759/9-/12, /13-/15, /20-/23, /28-/35, /41-/43, AS81044/7-/14, /21, /22, MIL-DTL-81381/3, /4, /7-/14, /21, /22	26-30
8	8	AS22759/11, /12, /16, /17, MIL-DTL-81381/11-/14, /22	16-26
9	9	AS22759/16, /17, /32-/35, /40-/54	16-26
10	10	AS22759/18, /19, MIL-DTL-81381/1, /2, /5-/10, /21	16-26
11	11	AS22759/18, /19, MIL-DTL-81381/11-/14, /22	10-14
12	12	AS22759/80-/82, /91, /92, /180-/182, /191, /192	10-14
13	13	AS22759/80-/82, /91, /92, /180-/182, /191, /192	16-26
14	14	AS22759/86-/90, /186-/190	10-14
15	15	AS22759/86-/90, /189-/190	16-26
16	16	AS81044/5-7	10-14
17	17	AS81044/5-7	16-26
18	18	AS81044/8-10	10-14
19	19	AS81044/8-10	16-26
20	20	AS81044/11-/13 AS85485/9-/12 MIL-DTL-81381/3, /4	16-26
21	21	MIL-DTL-81381/1, /2, /5-/10, /17-/21	10-14
22	22	MIL-DTL-81381/17-/20	16-26
23	23	AS85485/5-8	10-14
24	24	AS85485/5-8	16-26
1/	1/	AS22759/1-/4	10-14
1/	1/	AS22759/1-/4	16-22

1/ CONTACT AS5768 QUALIFIED SUPPLIERS FOR AS22759/1-/4 STRIPPING METHODS.

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	AEROSPACE STANDARD	AS5768/1 SHEET 4 OF 8	REV. C
	(R) TOOL, STRIPPER, MANUALLY ACTUATED, ELECTRICAL INSULATION, ROUND WIRE, SIZE 10 TO 30		

TABLE 2 - BLADE DIE DIMENSIONS FOR APPLICABLE TOOL ASSEMBLY (SEE FIGURE 3)

BLADE PART NUMBER AS5768/1-B	TOOL PART NUMBER AS5768/1-T	DIA ØA ±.001	DIA ØB ±.002	DIA ØC ±.002	WIRE TYPE	WIRE SIZE CAVITY 1/ 10
1	1	.128	.182	.182	AS50861/1, /2, /4-7, AS22759/2	10
		.100	.136	.136		12
		.076	.118	.118		14
2	2	.064	.098	.098	AS50861/1, /2, /4-7	16
		.055	.088	.088		18
		.044	.077	.077		20
		.036	.068	.068		22
3	3	.063	.110	.110	AS22759/5, /6	16
		.058	.100	.100		18
		.047	.090	.090		20
		.039	.080	.080		22
4	4	.063	.102	.102	AS22759/7, /8	16
		.058	.092	.092		18
		.047	.082	.082		20
		.039	.073	.073		22
5	5	.112	.143	.143	AS22759/9-/12, /16, /17, /20-/23, /28-/35, /40-/54, AS81044/11-13, AS85485/9-/12, MIL-DTL- 81381/3, /4,	10
		.089	.117	.117		12
		.073	.100	.100		14
6	6	.061	.081	.081	AS22759/9-/12, /13-15, /20-/23, /28- /31	16
		.052	.070	.070		18
		.042	.0595	.0595		20
		.034	.052	.052		22
		.028	.043	.043		24
7	7	.023	.039	.039	AS22759/9-/12, /13-15, /20-/23, /28- /31, /34, /35, /41-/43, AS81044/7-/14, /21, /22, MIL-DTL-81381/3, /4, /7-/14, /21, /22	26
		.019	.035	.035		28
		.016	.032	.032		30
8	8	.057	.073	.073	AS22759/11, /12, /16, /17, MIL-DTL-81381/11-/14, /22	16
		.051	.067	.067		18
		.041	.057	.057		20
		.033	.049	.049		22
		.027	.043	.043		24
9	9	.022	.038	.038	AS22759/16, /17, /32-/35, /40-/54	26
		.057	.083	.083		16
		.050	.074	.074		18
		.040	.063	.063		20
		.032	.055	.055		22
10	10	.026	.048	.048	AS22759/18, /19, MIL-DTL-81381/1, /2, /5-/10, /21	24
		.021	.043	.043		26
		.057	.069	.069		16
		.051	.063	.063		18
		.041	.053	.053		20
11	11	.033	.045	.045	AS22759/18, /19, MIL-DTL-81381/11-/14, /22	22
		.027	.039	.039		24
		.022	.034	.034		26
		.112	.128	.128		10
12	12	.089	.105	.105	AS22759/80-/82, /91, /92, /180-/182, /191, /192	12
		.069	.085	.085		14
		.110	.126	.126		10
		.0866	.104	.104		12
		.0689	.083	.083		14

TABLE 2 - BLADE DIE DIMENSIONS FOR APPLICABLE TOOL ASSEMBLY (SEE FIGURE 3) (CONTINUED)

BLADE PART NUMBER AS5768/1-B	TOOL PART NUMBER AS5768/1-T	DIA ØA ±.001	DIA ØB ±.002	DIA ØC ±.002	WIRE TYPE	WIRE SIZE CAVITY
13	13	.055	.070	.070	AS22759/80-/82, /91, /92, /180- /182, /191, /192	1/
		.0492	.061	.061		16
		.0394	.051	.051		18
		.031	.043	.043		20
		.025	.038	.038		22
		.021	.033	.033		24
14	14	.110	.130	.130	AS22759/86-/90, /186-/190	26
		.0866	.108	.108		10
		.0689	.086	.086		12
15	15	.055	.074	.074	AS22759/86-/90, /186-/190	14
		.0492	.0669	.0669		16
		.0394	.057	.057		18
		.0312	.048	.048		20
		.0256	.042	.042		22
		.0204	.038	.038		24
16	16	.116	.154	.154	AS81044/5-/7	26
		.0937	.136	.136		10
		.0760	.113	.113		12
17	17	.062	.096	.096	AS81044/5-/7	14
		.0520	.086	.086		16
		.0420	.073	.073		18
		.035	.0635	.0635		20
		.0292	.0595	.0595		22
		.022	.052	.052		24
18	18	.119	.144	.144	AS81044/8-/10	26
		.0960	.125	.125		10
		.0760	.104	.104		12
19	19	.061	.089	.089	AS81044/8-/10	14
		.052	.0785	.0785		16
		.042	.067	.067		18
		.034	.0595	.0595		20
		.028	.055	.055		22
		.023	.0465	.0465		24
20	20	.058	.083	.083	AS81044/11-/13 AS85485/9-/12	26
		.052	.074	.074		10
		.042	.063	.063		12
		.034	.055	.055		14
		.028	.048	.048		16
		.023	.043	.043		18
21	21	.112	.124	.124	MIL-DTL-81381/1, /2, /5-/10, /17-/21	20
		.0890	.101	.101		22
		.0690	.081	.081		24
22	22	.0560	.067	.067	MIL-DTL-81381/17-/20	10
		.0497	.0607	.0607		12
		.0399	.0509	.0509		14
		.0316	.0426	.0426		16
		.0252	.0362	.0362		18
		.0204	.0314	.0314		20
23	23	.114	.156	.156	AS85485/5-/8	22
		.0900	.132	.132		24
		.0720	.105	.105		26
24	24	.056	.090	.090	AS85485/5-/8	10
		.051	.082	.082		12
		.040	.072	.072		14
		.048	.064	.064		16
		.032	.064	.064		18
		.026	.055	.055		20

1/ DEPICTS THE NUMBER OF WIRE CAVITIES FOR EACH BLADE PART NUMBER (I.E., AS5768/1-B1 STRIPS 3 WIRE SIZES 10, 12, 14) AND DEPICTS DIE DIMENSIONS PER CAVITY FOR 10, 12, 14.

2/ IF ONLY THE OUTER INSULATION STRIPS OFF IN THE "STEP (1)" B24 BLADE CAVITY FOR THE SIZE 22 CABLE, A SECOND STRIP USING THE B24 "STEP (2)" BLADE CAVITY IS REQUIRED. BLADE CAVITIES SHALL BE MARKED ACCORDINGLY.

	AEROSPACE STANDARD	AS5768/1 SHEET 6 OF 8	REV. C
	(R) TOOL, STRIPPER, MANUALLY ACTUATED, ELECTRICAL INSULATION, ROUND WIRE, SIZE 10 TO 30		