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REV.
C

AS22520™/23

FEDERAL SUPPLY CLASS
5120

RATIONALE

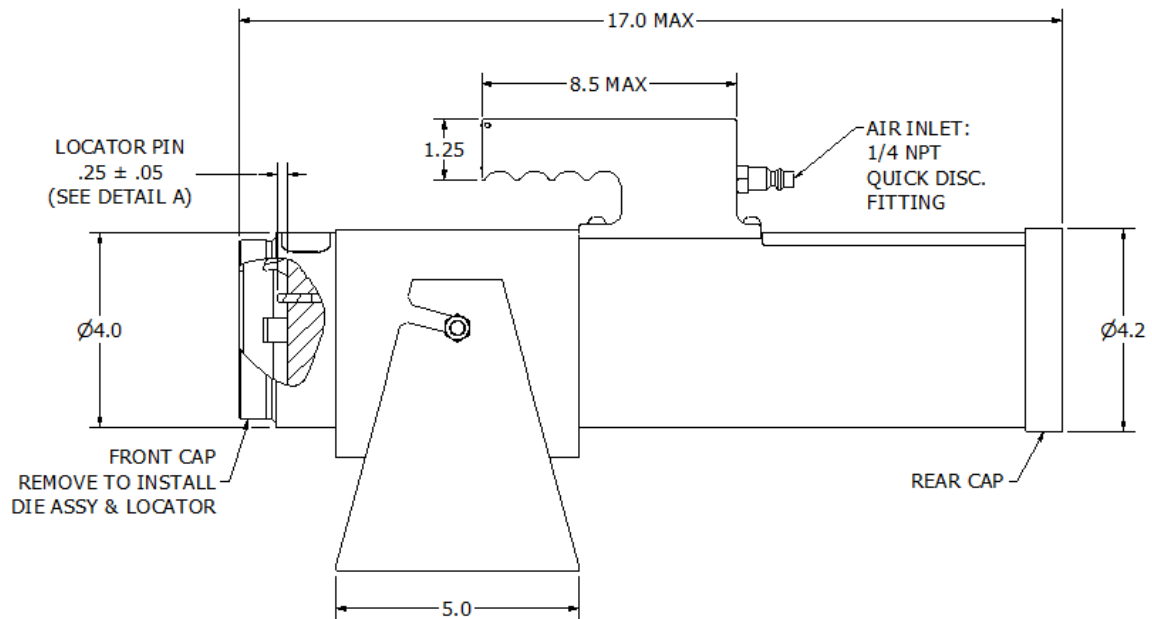
REVISION REQUIRED TO ADD A NEW DIE SET FOR THE SIZE 1 CONTACT WIRE BARREL, ADDRESS MATERIALS AND CRIMP FORCES USED TO PERFORM THE LIFE CYCLE TEST, IMPROVE DIMENSION TOLERANCES, AND DO MINOR EDITING OR TECHNICAL CHANGES AS NEEDED.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS22520.

WARNING

AS22520/23 IS DESIGNED TO ONLY CRIMP ELECTRICAL CONTACT CRIMP BARREL SIZES 8 THROUGH 0000 (AS39029, ETC.). THE TOOL IS NOT DESIGNED TO BE USED FOR CRIMPING TERMINALS OR OTHER COMPONENTS.

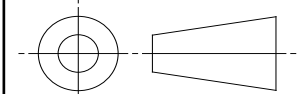


SIDE VIEW

FIGURE 1 - M22520/23-01 BASIC TOOL

For more information on this standard, visit
<https://www.sae.org/standards/content/AS22520/23C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS22520



AEROSPACE STANDARD

CRIMP TOOLS, TYPE 1, TERMINAL, HAND, OR POWER
ACTUATED, WIRE TERMINATION, PNEUMATIC TOOL
FOR WIRE BARREL SIZES 8 THROUGH 0000

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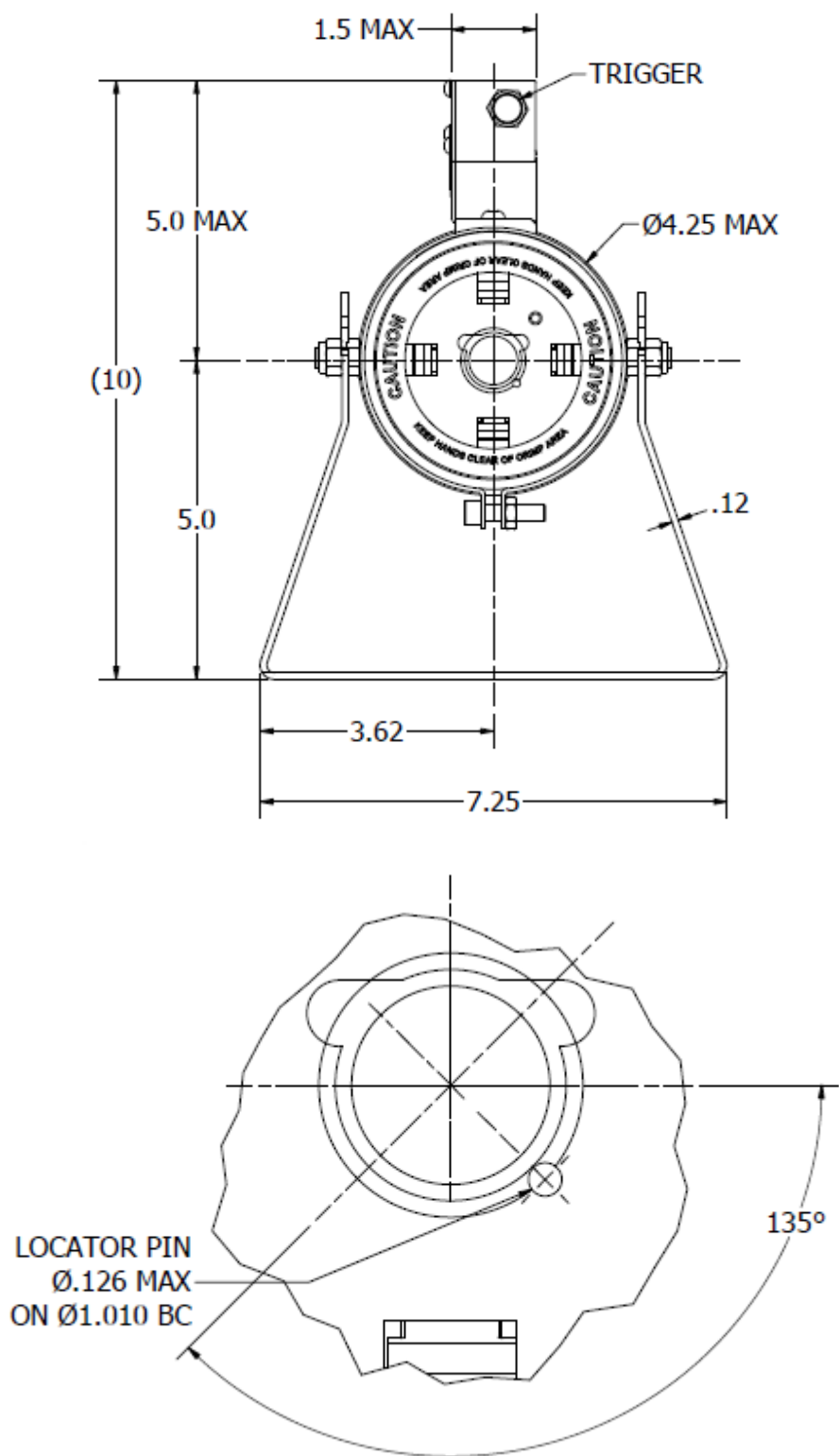


FIGURE 1 - M22520/23-01 BASIC TOOL (CONT.)

	AEROSPACE STANDARD		AS22520™/23 SHEET 2 OF 11	REV. C
	CRIMP TOOLS, TYPE 1, TERMINAL, HAND, OR POWER ACTUATED, WIRE TERMINATION, PNEUMATIC TOOL FOR WIRE BARREL SIZES 8 THROUGH 0000			



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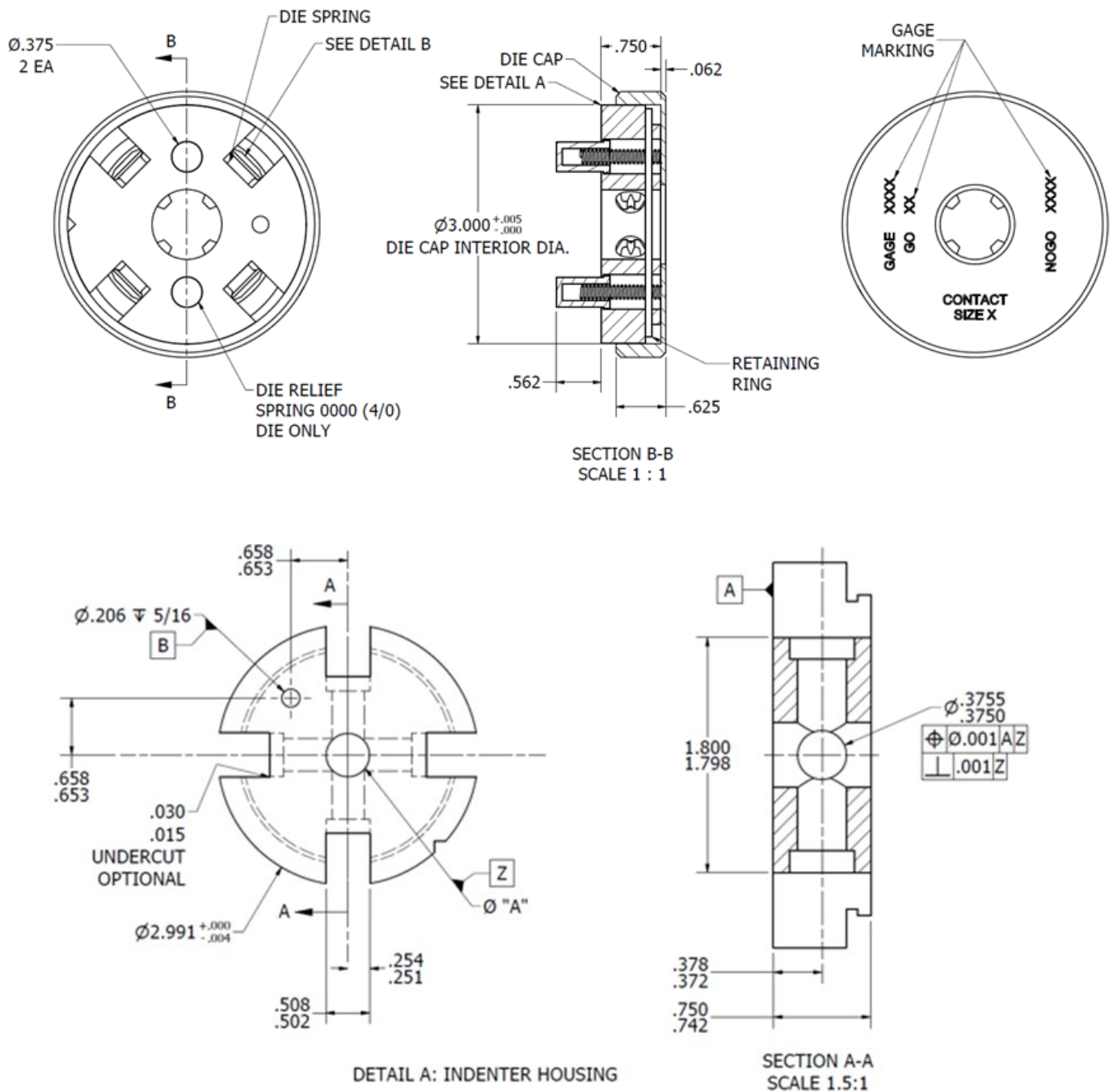


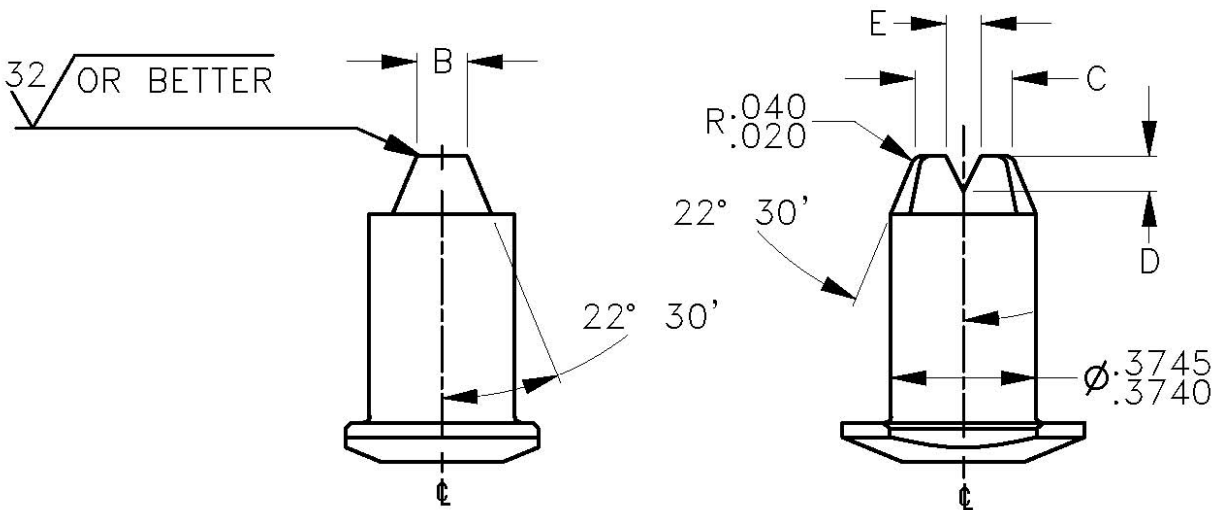
FIGURE 2 - DIE CAP AND DIE ASSEMBLY

	AEROSPACE STANDARD CRIMP TOOLS, TYPE 1, TERMINAL, HAND, OR POWER ACTUATED, WIRE TERMINATION, PNEUMATIC TOOL FOR WIRE BARREL SIZES 8 THROUGH 0000	AS22520™/23 SHEET 3 OF 11	REV. C
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DETAIL B: INDENTERS

FIGURE 2 - DIE CAP AND DIE ASSEMBLY (CONT.)

TABLE 1 - INDENTER HOUSING AND INDENTER DIMENSIONS

DIE ASSEMBLY PART NUMBER	FOR CONTACT SIZE	DETAIL A	DETAIL B			
		A DIA	B	C	D	E
		+ .010/- .000	± .002	± .002	+ .000/- .025	± .002
M22520/23-02	8	.500	.050	.170	.055	.055
M22520/23-03	6	.500	.060	.174	.060	.060
M22520/23-04	4	.650	.065	.187	.062	.062
M22520/23-05	0	.690	.094	.198	.070	.070
M22520/23-06	00	.850	.100	.210	.075	.075
M22520/23-07	0000	.875	.130	.250	.090	.090
M22520/23-08	1	.650	.091	.203	.047	.047



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