

NOTES:

1. THE AD-1377 CRIMP TOOL IS DESIGNED TO MAKE WIRE SPLICES UTILIZING RAYCHEM CRIMP SPLICERS OF THE FOLLOWING SIZES

TOOL CAVITY	12-16		16-20		20-26	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
CRIMP SPLICER SIZE	.102	.153	.069	.106	.050	.080
	.097	.147	.064	.101	.045	.075

2. WHEN MADE WITH A PROPERLY CALIBRATED AD-1377 CRIMP TOOL, THESE WIRE SPLICES WILL MEET THE VOLTAGE DROP AND TENSILE STRENGTH REQUIREMENTS OF THE APPLICABLE RAYCHEM SPECIFICATION CONTROL DRAWING FOR CRIMP SPLICING SYSTEMS.

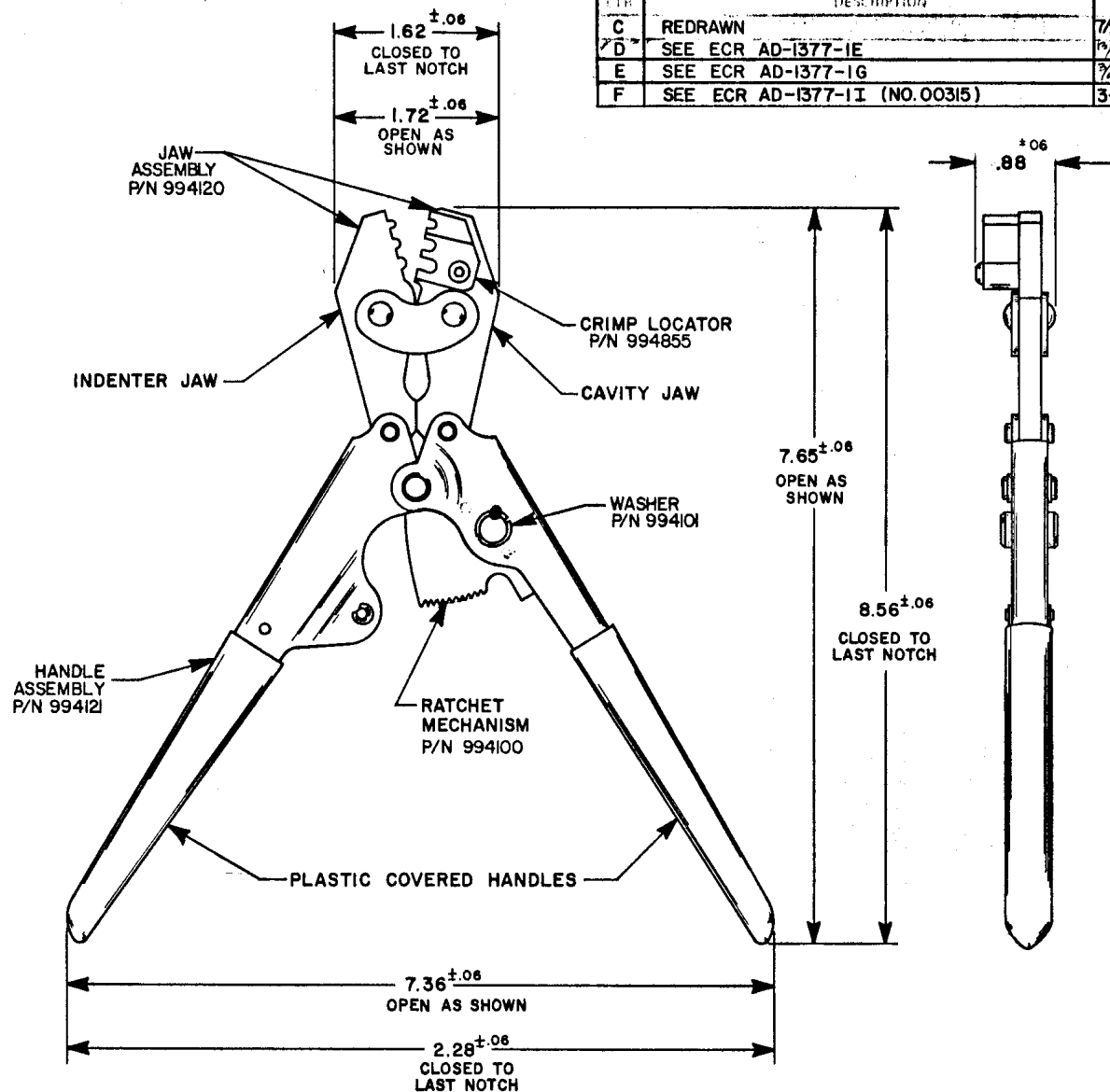
3. A PROPERLY CALIBRATED AD-1377 CRIMP TOOL HAS THE FOLLOWING CHARACTERISTICS:

- A. RATCHET ADJUSTMENT (SET AT THE FACTORY): A COMPRESSIVE FORCE OF 35 POUNDS MIN. APPLIED 1.25 ±.12 INCHES FROM THE END OF THE HANDLES SHALL BE REQUIRED TO COMPLETELY CLOSE THE JAWS BEFORE THE RATCHET MECHANISM RELEASES THE HANDLES.
- B. JAW CLOSING: WITH THE JAWS FULLY CLOSED (TIPS TOUCHING AND RATCHET IN LAST NOTCH) A "GO" GAUGE SHALL FIT IN THE SPACE BETWEEN THE INDENTER AND ITS CORRESPONDING CAVITY. A "NO GO" GAUGE SHALL NOT FIT IN THIS SPACE. GAUGE SIZES ARE AS FOLLOWS:

TOOL CAVITY	"GO"	"NO GO"
12-16	.062 DIA.	.072 DIA.
16-20	.042 DIA.	.052 DIA.
20-26	.025 DIA.	.035 DIA.

THE RAYCHEM AD-1386 CRIMP TOOL GAUGE IS RECOMMENDED FOR THIS PURPOSE.

REV	REVISION	DATE	APPROVED
C	REDRAWN	7/25/75	R. Mann
D	SEE ECR AD-1377-1E	7/14/75	R. Mann
E	SEE ECR AD-1377-1G	7/20/75	R. Mann
F	SEE ECR AD-1377-1I (NO.00315)	3-4-81	R. Mann



SPECIFICATION CONTROL DRAWING

DRAWN	WELCH	7/20/75	RAYCHEM	
CHECKED	R. Mann	25/4/75	RAYCHEM DISTRIBUTION 3400 CONSTITUTION DRIVE MILFORD PARK, CALIFORNIA 94528	
APPROVED	R. Mann	25/4/75	TITLE AD-1377 CRIMP TOOL ASSEMBLY	
APPROVED	---	---	PART NUMBER	992008
APPROVED	---	---	SIZE	CODE IDENT
APPROVED	---	---	PROJECT	AD-1377
			SCALE	NONE
			WELD	---
			FILE	---
			AD-1377-5	

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