

Product Facts

- Designed to exacting specifications
- Ratchet control provides complete crimping cycle
- For most military, UL and CSA applications
- Manufactured using the highest quality materials
- Requires minimum skill
- Repairable
- Calibrated; recalibration recommended every 6 months or 5 000 cycles
- Many SAHT and DAHT crimping heads, and many die sets, can be adapted for use with the 626 Pneumatic Tool System (Request Catalog 124208)
- Produced under a Quality Management System certified to ISO 9001

A copy of the certificate is available upon request.



Need more information?

For information specifically about tooling, call the AMP Tooling Assistance Center (TAC) at **1-800-722-1111**.

For drawings, technical data, or instant information by the AMP FAX Service 24 hours a day, call the AMP Product Information Center at **1-800-522-6752**.



CERTI-CRIMP Hand Tools are top-of-the-line, premium, hand-operated tools for crimping a broad array of terminals, contacts and special wiring devices available from AMP. They are designed to exacting specifications to produce consistent, high-quality terminations. A potential service life of over 50 000 cycles is possible, depending on operator care.

AMP currently offers eight basic styles of CERTI-CRIMP Hand Tools. The choice depends on the product being applied and/or your preferred method of application. For example, open barrel con-

tacts typically require straight-action die movement to minimize possible rotation during crimping. Or, if your application requires crimping different sizes of terminals, you may prefer using a single tool with a combination of crimping nests, rather than two or three separate tools.

Other options include insulation crimp adjustment for different insulation thicknesses, a locator for properly positioning and supporting the terminal or contact in the tool, a wire stop, and color coding and/or wire size information on the head of the tool or on the handles.

All CERTI-CRIMP Hand Tools feature the reliable ratchet control. The ratchet is connected between both handles. It will not release until the handles are fully closed and the dies bottomed. This helps eliminate partial crimps.

CERTI-CRIMP Hand Tools are well suited for low production runs, prototype work, and repairs—almost any application requiring consistent, highly-reliable terminations. Check appropriate AMP product catalogs for qualification to military specifications, UL recognition and CSA certification.

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AMP, AMP FAX, AMPLI-BOND, AMPLIMITE, AMPMODU, CERTI-CRIMP, COAXICON, FASTON, MATE-N-LOK, PIDG, PLASTI-GRIP, PLASTI-STRIP, SOLISTRAND, T-HEAD, and TETRA-CRIMP are trademarks.

Connector/Terminal to Tool Reference

Connector/ Terminal	Style	Wire Range		Max. Insul. Dia.		Hand Tool Part Numbers				Die Set for Tool Frame	Insertion/ Extraction Tool
		AWG	mm ²	in	mm	DAHT	SAHT	SADAHT	HHHT		
AMPLIMITE D-Sub. Connectors	Size 20 DF Contacts	28-24	0.08-0.2	.040	1.02	—	90302-1	—	—	—	91285-1
		24-20	0.2-0.5	.060	1.52	—	—	—	—	—	
AMPMODU Connectors	Size 22 DF Contacts	28-22	0.08-0.3	.040	1.02	—	90430-1	—	—	—	843996-3 (Ext./Reset)
		26-22	0.12-0.3	.061	1.55	—	90418-1	—	—	—	
	Mod. IV Contacts	24-20	0.2-0.5	.069	1.75	—	90202-2	—	—	—	91084-1
		26-22	0.12-0.3	.062	1.58	—	90289-1	—	—	—	
	Locking Clip Contacts	32-28	0.03-0.08	.054	1.37	—	58342-2	—	—	—	—
		26-22	0.12-0.3	.065	1.65	—	58342-1	—	—	—	
	MTE & Tandem Spring Contacts	32-22	0.03-0.3	.060	1.52	—	58438-1	—	—	—	843473-1 (Ext.)
		24-20	0.2-0.5	.060	1.52	—	58437-1	—	—	—	
CPC Connectors, M Series Connectors	Type II Contacts	28-24	0.08-0.2	.085	2.16	—	—	58305-1	—	90230-1 ¹	—
		24-20	0.2-0.5	.060	1.52	—	—	—	—	—	
		18-16	0.8-1.25	.105	2.67	—	—	90136-1	—	—	
		18-14	0.8-2	—	—	—	—	45098	—	90231-2 ¹	
	Type III+ Contacts	26-24	0.12-0.2	.090	2.29	—	90066-7	—	—	—	200893-2/ 305183
		24-20	0.2-0.5	.120	3.05	—	—	—	—	—	
		24-20	0.2-0.5	.100	2.54	—	90067-5	—	—	—	
		18-16	0.8-1.25	.100	2.54	—	—	—	—	—	
	Type XII Contacts	24-20	0.2-0.5	.070	1.78	—	90067-4	—	—	—	—
		18-16	0.8-1.25	.100	2.54	—	90310-3	—	—	—	
		16	1.25	.160	4.06	—	—	—	90382-2	90145-2 ¹	
		14-12	2-3	.160	4.06	—	—	—	90382-2	90145-1 ¹	
Subminiature COAXICON Contacts	10-8	5-7	.220	5.59	—	—	—	90384-1	90140-1 ¹	91019-3 (Ext.)	
	174 RG/U	—	—	—	—	—	69656	—	69690 ¹	—	
FASTON Straight Receptacles (Premier Line Only)	250 Series	187 RG/U	—	—	—	—	—	69656-1	—	69690-1 ¹	—
		22-18	0.3-0.8	.130	3.30	90166-1	—	—	—	—	465629-□* (Installation Tip Required)
MATE-N-LOK Connectors	Commercial Contacts	18-14	0.8-2	.170	4.32	90165-1	—	—	—	—	455830-1/ 465644-1
		14-10	2-5	.200	5.08	90120	—	—	—	—	
		30-22	0.05-0.3	.075	1.91	—	90066-7	—	—	—	
	Universal & Universal II Contacts	24-18	0.2-0.8	.100	2.54	90123-2	—	—	—	—	455830-1/ 318851-1
		20-14	0.5-2	.130	3.30	90124-2	—	—	—	—	
		24-18	0.2-0.8	.100	2.54	—	90300-2	—	—	—	
		20-14	0.5-2	.130	3.30	—	90296-2	—	—	—	
		20-18	0.5-0.8	.200	5.08	—	90298-2	—	—	—	
		16-14	1.25-2	.200	5.08	—	90299-2	—	—	—	
	Mini-Universal	12	3	.200	5.08	—	—	—	—	58380-1 ¹	—
		10	5	.200	5.08	—	—	—	—	58380-2 ¹	—
		20-16	0.5-1.25	.126	3.20	—	90707-1	—	—	—	
Mini-Universal II Contacts	30-24	0.05-0.2	.060	1.52	—	90717-2	—	—	—	455830-1/ 455822-2	
	26-22	0.12-0.3	.069	1.75	—	90710-2	—	—	—		
	22-18	0.3-0.8	.094	2.39	—	90711-2	—	—	—		
	20-16	0.5-1.25	.126	3.20	—	90707-2	—	—	—		
MR Connectors	Contacts	26-24	0.12-0.2	.050	1.27	—	90326-1	—	—	—	455830-1/ 455822-2
		26-18	0.12-0.8	.115	2.92	—	90325-1	—	—	—	

¹ Use with "C" Head Straight Action Hand Tool, Part Number 69710-1.

Insertion/Extraction Tools (Continued on page 3)

*For Universal Handle (with adjustable strap) with short tip holder (1.87 [47.5]), specify "-1" suffix; with long tip holder (5.87 [149]), specify "-2" suffix.

Requires Installation Tip:
Part Number 465468-1
(≤ .185 [4.7] insul. dia. and/or crimp width) or
Part No. 465488-1 (> .185 [4.7] insul. dia. and/or crimp width).



Universal Handle
Part No. 465629-□*



Insertion/Extraction Tool
Part No. 91285-1



Extraction Tool
Part No. 305183