

1. SOLISTRAND* TERMINALS AND SPLICES

SOLISTRAND* Terminals and Splices
(Refer to pages 4 and 5 for application
tooling and accessories).



Parallel Splice



Butt Splice



Flag Terminal



Terminal

Pressure Type Wire Connector Chart (Use Type "W" Tooling)

WIRE SIZE RANGE	UL 424C LISTED	SR LR 7189 CERTIFIED
22-16 Solid or Stranded	22-16 Solid or Stranded	22-16 Solid or Stranded
16-14 Solid or Stranded	16-14 Solid or Stranded	16-14 Solid or Stranded
12-10 Solid or Stranded	12-10 Stranded	12-10 Solid or Stranded
8 Thru 600 MCM Solid or Stranded	8 Thru 600 MCM Stranded	8 Thru 4/0 Solid or Stranded

NOTE: 22-16 terminals and splices are stamped 22-18 in accordance with MIL-T-7928.

Figure 1

1.1. Tool and Die Selections

A. Hydraulic

Wire Size	Dies for 59973-1, 69065		Dies for 69067		59975-5, 69069 with/Self- Contained Dies	Dies for 48445-1, 1752788-1	Dies for 69082, 1752786-1	Dies for 69097		Dies for 69099, 1752868-1
	Nest	Indenter	Nest	Indenter				Nest	Indenter	
8	48126	48355	48126 [▲] 48506 [▲]	48355 [▲] 48505 [▲]	59975-1 69069	---	---	46146	46145	69216
8 H.D.	48128-1	48127-1	48128-1	48127-1	---	---	---	---	---	---
6	48128	48127	48128 [▲] 48508 [▲]	48127 [▲] 48507 [▲]	59975-1 69069	---	---	46134	46133	69217
6 H.D.	48129-1	48127-1	48129-1	48127-1	---	---	---	---	---	---
4	48129	48127	48129 [▲] 48509 [▲]	48127 [▲] 48507 [▲]	59975-1 69069	---	---	46135	46133	69218
4 H.D.	48130-1	48127-1	48130-1	48127-1	---	---	---	---	---	---
2	48130	48127	48130 [▲] 48510 [▲]	48127 [▲] 48507 [▲]	59975-1 69069	---	---	46136	46133	45433
2 H.D.	48132-1	48131-1	48132-1	48131-1	---	---	---	---	---	---
1/0	48132	48131	48132 [▲] 48652 [▲]	48131 [▲] 48511 [▲]	---	---	---	46138	46137	45436
1/0 H.D.	48133-1	48131-1	48133-1	48131-1	---	---	---	---	---	---
2/0	48133	---	48133 [▲] 48805 [▲]	48131 [▲] 48511 [▲]	---	---	---	---	---	45439
3/0	48134	48131	48134 [▲] 48806 [▲]	48131 [▲] 48511 [▲]	---	---	---	---	---	45442
4/0	300430	---	300430 [▲] 48807 [▲]	48131 [▲] 48511 [▲]	---	---	---	---	---	45445
250-300 MCM	---	---	---	---	48816	69911	---	---	---	---
300-350 MCM	---	---	---	---	48817	69912	---	---	---	---
400 MCM	---	---	---	---	48818	69913	---	---	---	---
500-600 MCM	---	---	---	---	48819	69914	---	---	---	---

[▲] Flag Terminals

Figure 2

B. Hand Tools

Wire Size	HAND TOOLS
26-22	69363†
22-18	---
22-16	49935†
16-14	49935†
14-12	49592†
	49935†
12-10	49965†
16-14 H.D.	(Flag Only)
	69339●
8	(Str. Wire)
	69355●
6	59083●
	(No Ratchet)
4	---
2	---
1/0	---

†Long Handle, ●Heavy Head

Figure 3

C. Pneumatic and Tape

Wire Size	PNEUMATIC				TAPE	
	Heads for 626	Heads for 69015	Jaws for 68068-[]	Dies for 69710-1	Dies for 69875 -Reversed --Standard	Dies for 68250-1
26-22	---	---	---	---	68108-1	---
22-18	314516-1 679301-1	---	---	---	---	---
22-16	314516-1 679301-1	---	---	47812	68240-1- 68096-1--	---
16-14	314517-1 679301-1	---	---	47813	68241-1- 68097-1--	---
14-12	314518-1 679301-1	---	---	---	90566-1	---
12-10 16-14 H.D.	679301-1	---	---	47814†	68242-1- 68338-1--	---
8	1338757-1	49956 48412●	68135	---	68243-1◊	68312-1◊
6	1338758-1	48172 48413●	68136	---	---	68313-1◊
4	---	48173	---	---	---	---
2	---	48174 48415●	---	---	---	---
1/0	---	48183	---	---	---	---

● Flag Terminals, † Str. Wire Only, ◊ Single Indent

Figure 4

2. AMPower* TERMINALS AND SPLICES

<i>AMPOWER® Terminals and Splices</i>				
Terminal	Quick Disconnect	Parallel Splice	Butt Splice	
<i>Pressure Type Wire Connector Chart</i> (Use Type "C" Tooling)				
WIRE SIZE RANGE	UL 424C LISTED	CSA LR 7189 CERTIFIED		
6 thru 1000 MCM	6 thru 1000 MCM Stranded	6 thru 1000 MCM Stranded		

Figure 5

2.1. Tool and Die Selections

A. Hydraulic (Use Power Unit 69120-[] or 314979-1)

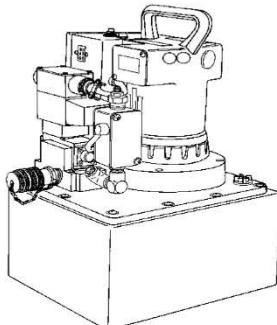
Wire Size	Dies for 69099 1752868-1	Dies for 69082 1752786-1	Dies for 69065 59973-1	Dies for 58445-1 1752788-1	Dies for 68073-2
6	69133-1	---	---	---	---
4	69134-2	---	---	---	---
2	46765-3	---	46321-3	---	---
1/0	46766-2 68361-1† (with Locator)	---	46322-2	---	---
2/0	46767-2 68253-1† (with Locator)	---	46323-2	---	---
3/0	46749-2 59867-1† (with Locator)	---	46324-2	---	---
4/0	46750-2 68304-1† (with Locator)	---	46325-2	---	---
250 MCM	46751-2 68203-1†	---	---	46326-2	---
300 MCM	46752-2	---	---	---	---
350 MCM	46753-2	69653 68204-1†			
400 MCM	---	46754-2 68332-1†	---	---	---
500 MCM	---	46755-2 68206-1†	---	---	---
600 MCM	---	46756-2	---	---	---
600 H.D.	---	59870-1	---	---	---
700 MCM	---	46757-2	---	---	---
800 MCM	---	46758-2	---	---	---
900 MCM	---	46759-2	---	---	---
1000 MCM	---	46760-2	---	---	---
1250 MCM	---	---	---	---	68114-1
1500 MCM	---	---	---	---	68282-1

†Quick Disconnect Terminals Only

Figure 6

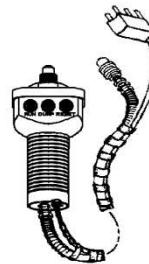
Tooling and Accessories

Hydraulic

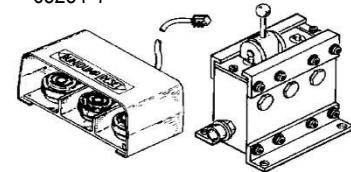


DYNA-CRIMP*
 Hydraulic Power Units
 69120-1 (115 VAC – 60 Hz)
 1804700-1 (115 VAC – 60 Hz)
 69120-2 (230 VAC – 60 Hz)
 1804700-2 (230 VAC – 60 Hz)

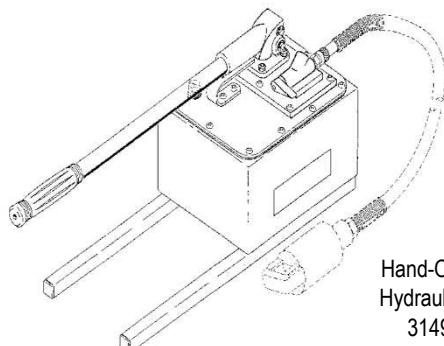
Handle Control w/Hose and
 Cord 59907-[] and 1901775-[]



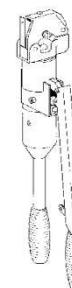
Foot Control
 68284-1



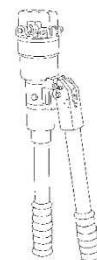
3-Way Multi-
 directional Valve
 59220 (No Safety Sw)
 59220-2 (w/Safety Sw)



Hand-Operated
 Hydraulic Pump
 314979-1
 1583661-1



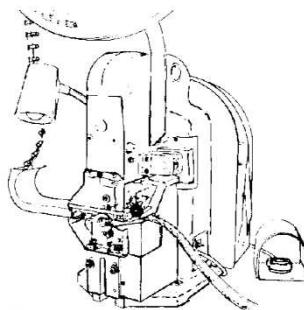
Hand Tool
 59975-1



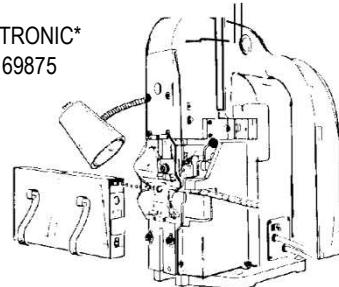
Hand Tool
 59973-1

Tape Machines

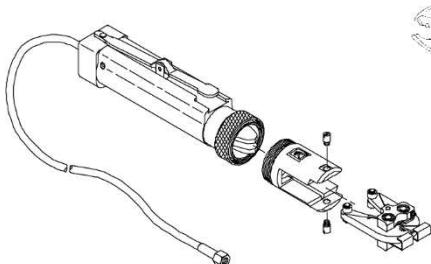
AMP-TAPETRONIC*
 Machine 68250-1



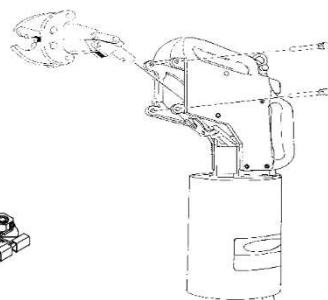
AMP-TAPETRONIC*
 MACHINE 69875



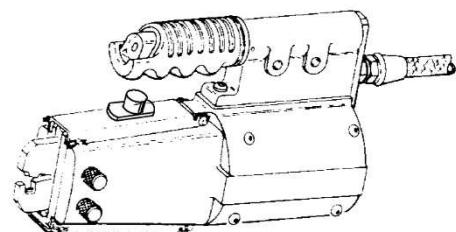
Pneumatic



626 Pneumatic Tooling Systems



69015

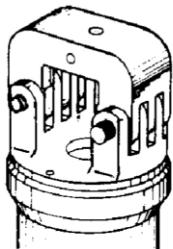


68068

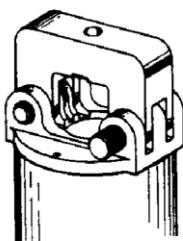
Figure 7

Tooling and Accessories

Hydraulic Crimping Heads



58445-1
1752788-1



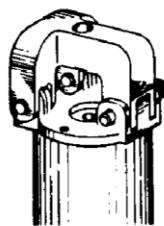
69065



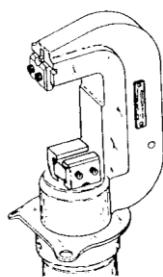
69097



69082
1752786-1



69067



68073-2



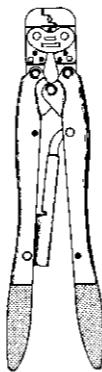
69069



69099
1752868-1

Figure 8

Hand Tools



Long and
Short Handle



69710-1



Heavy Head

Figure 9

3. REVISION SUMMARY

- All paragraphs revised due to formatting adjustments and editing.
- Corrections to Figure 6 were made, as follows: added line item for 350 MCM and corrected line item for 400 MCM to match previous revision.

Mouser Electronics

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