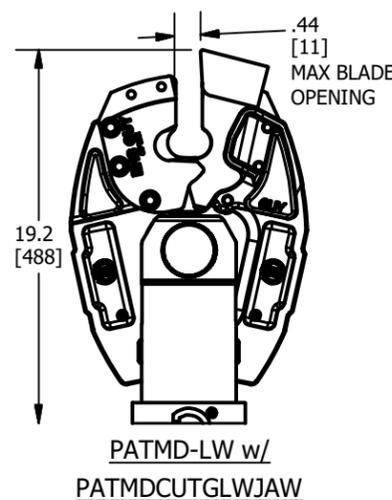
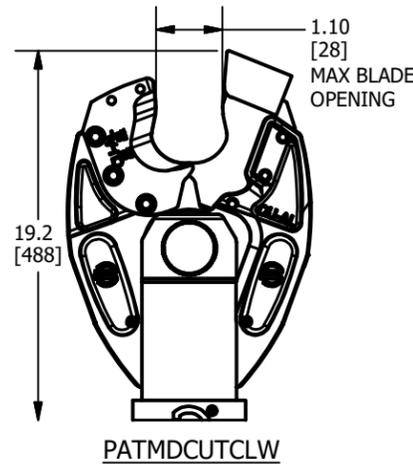
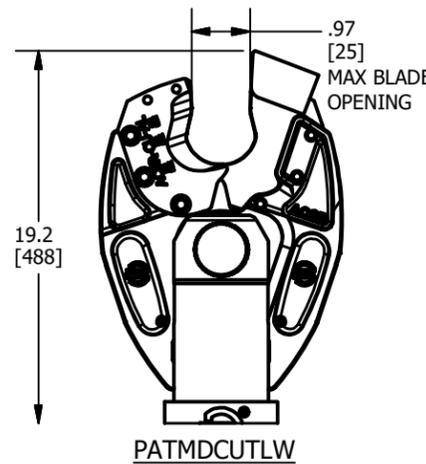
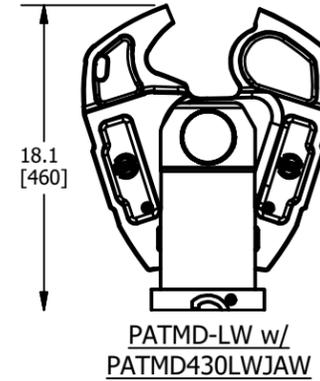
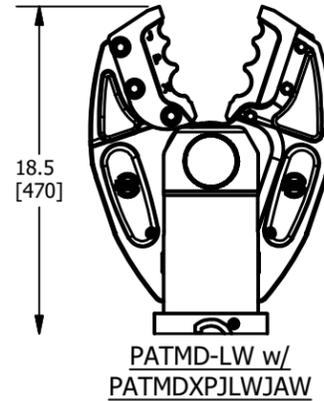
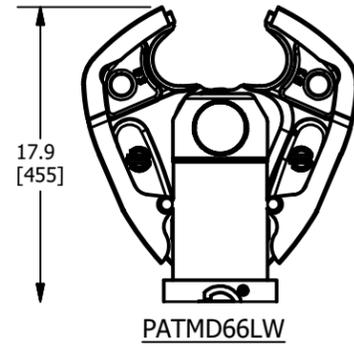
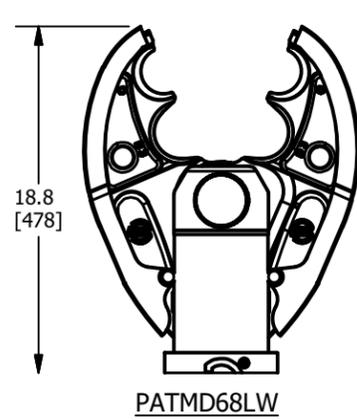
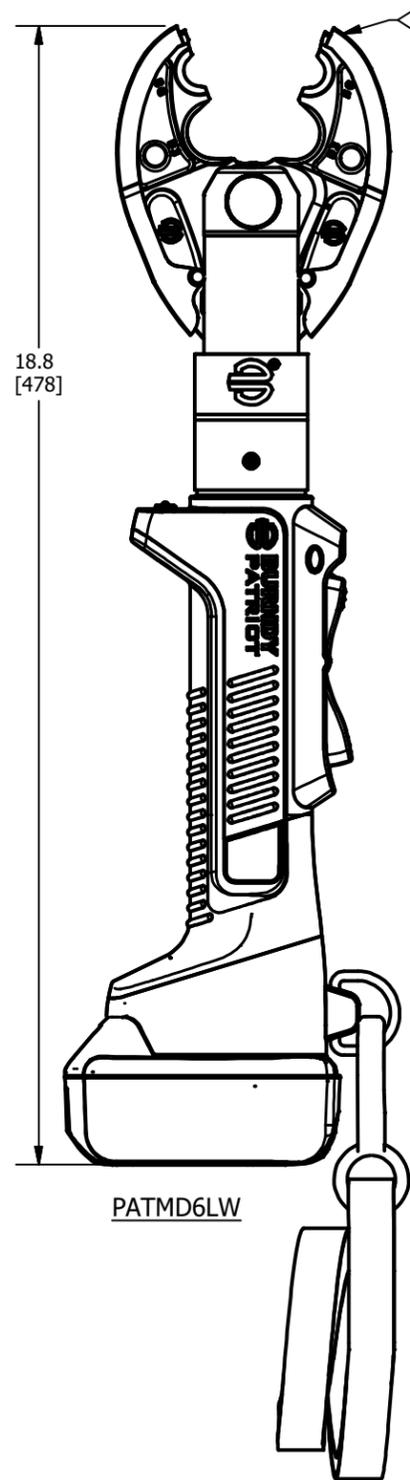


REV	DATE	DESCRIPTION	ECO	BY	C'H.K.
U	15-11-2019	UPDATED AS PER MARKUP	52473	MG	RM



FEATURES:

1. LIGHT-WEIGHT JAW DESIGN REDUCES WEIGHT AND IMPROVES BALANCE.
2. SCISSOR-ACTION CRIMP/CUTTER JAWS SIMPLIFY THE PROCESS OF CRIMPING SPLICES OR MAKING MID-SPAN CUTS.
3. LOCKING TABS RETAIN THE JAWS IN THE TOOL WHEN THE JAW RELEASE PIN IS OUT.
4. JAW RELEASE PIN ALLOWS FOR QUICK JAW CHANGE-OVER AND USER SAFETY.
5. PERMANENT "BG" AND "O" GROOVES (ON PATMD6LW AND PATMD68LW, RESPECTIVELY) CAN ACCOMMODATE A WIDE VARIETY OF CONNECTORS.
6. LED WORKLIGHT ILLUMINATES DIMLY-LIT WORK AREAS.
7. COATED PCB PROTECTS THE ELECTRONICS FROM DUST, DIRT AND HUMIDITY.
8. 350° ROTATABLE HEADALLOWS THE TOOL TO BE USED IN MULTIPLE POSITIONS AND IN HARD-TO-REACH AREAS.
9. LARGE TRIGGERS AND HAND GRIP AREA ALLOW FOR EASY OPERATION AND COMFORT WHILE WEARING GLOVES.
10. TRIGGER LOCK SAFETY SWITCH HELPS PREVENT ACCIDENTAL OPERATION OF THE TOOL WHEN ENGAGED.
11. MANUAL DRAIN TRIGGER PROVIDES TOTAL CONTROL OF THE CRIMPING PROCESS.
12. INDUSTRY-STANDARD BATTERY AND CHARGER IS WIDELY AVAILABLE.
13. 5.0 AMPERE HOUR (Ah) BATTERY CAPACITY DELIVERS 66% MORE CRIMPS PER CHARGE THAN 3.0 Ah BATTERIES.
14. MAKITA 18V LI-ION BATTERIES AND CHARGER ALLOWS FOR LONG-LASTING POWER.
15. LIFETIME WARRANTY ON INFINITY DRIVE® MOTOR AND TRANSMISSION. 3-YEAR WARRANTY ON BATTERIES AND CHARGER (THROUGH MAKITA) 5-YEAR WARRANTY ON THE REST OF THE TOOL.

SPECIFICATIONS:

IN-LINE BATTERY TOOL - CRIMPING JAWS
Uses BURNDY "W" Type Dies

Crimp force: 6 tons [5.4 metric tons]
Tool Weight: 6.7 lb [2.9 kg]
Operating Voltage: 18 V-DC
Battery Capacity: 3.0 Ah (54 Wh) or 5.0 Ah (90 Wh)

CRIMP CAPACITY		
CONNECTOR TYPE	CONDUCTOR TYPE	SIZE RANGE
TERMINALS AND SPLICES	COPPER	#8 AWG-500 kcmil
TERMINALS AND SPLICES	FLEX COPPER	#8 AWG-350 kcmil
TERMINALS AND SPLICES	ALUMINUM (AAC)	#8 AWG-350 kcmil
FULL-TENSION	ACSR	#10 - 4/0 AWG
TAPS	COPPER	#10 - 2/0 AWG
TAPS	ALUMINUM OR ACSR	#14 - 4/0 AWG
STIRRUPS	ACSR	#6 - 4/0 AWG

IN-LINE BATTERY TOOL - ACSR, CU/AL OR GUY WIRE CUTTING JAW

Cut Force: 6 tons [5.4 metric tons]
Tool Weight: 7.2 lb [3.3 kg]
Operating Voltage: 18 V-DC
Battery Capacity: 3.0 Ah (54 Wh) or 5.0 Ah (90 Wh)

CUT CAPACITY		
JAW TYPE	CONDUCTOR MAT'L	MAX SIZE
ACSR	ACSR	556.5 Kcmil (26/7) DOVE
ACSR	COPPER	350 Kcmil
ACSR	ALUMINUM	636 Kcmil (AAC) ORCHID
CU/AL	COPPER	600 Kcmil
CU/AL	ALUMINUM	636 Kcmil (AAC) ORCHID
GUY	EHS GUY WIRE	3/8"

IN-LINE BATTERY TOOL - DIELESS CRIMPER

Crimp Force: 6 tons [5.4 metric tons]
Tool Weight: 6.7 lb [2.9 kg]
Operating Voltage: 18 V-DC
Battery Capacity: 3.0 Ah (54 Wh) or 5.0 Ah (90 Wh)

CRIMP CAPACITY (PATMD430LWJAW)		
CONNECTOR TYPE	CONDUCTOR TYPE	SIZE RANGE
FULL TENSION SPLICES (YDS-RL)*	AAC, AAAC, ACSR	#4 - 3/0 AWG
PARTIAL TENSION SPLICES (YCS-RL)	AAC, AAAC, ACSR	#4 - 3/0 AWG

*YDS4RL WITH #4 AAC IS RATED FOR NORMAL TENSION (60% RBS). ALL OTHERS IN FAMILY RATED FOR FULL TENSION (95% RBS) FOR ALL CONDUCTORS AND SIZES SHOWN.

NOTES:

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE SPECIFIED AND ARE FOR REFERENCE ONLY.
2. SEE SHEET TWO FOR CATALOG NUMBERS OF ALL INLINE TOOL VARIANTS.
3. ADDITIONAL JAWS CAN BE PURCHASED SEPARATELY. SEE SHEET TWO IN NOTES FOR CATALOG NUMBERS. SEE DRAWING 50054529 FOR ADDITIONAL INFORMATION.

6. TOOL ACCEPTS 18V MAKITA LITHIUM ION BATTERIES, BL SERIES OF SIZE 2.0 Ahr AND GREATER IF THE PLASTIC CLIP IN THE TOOL HAS A "STAR" MOLDED INTO IT. THE "STAR" IDENTIFIES ACCEPTANCE OF THE BL SERIES BATTERIES.

7. FOR TOOLS WHICH DO NOT HAVE A "STAR" MOLDED INTO THE PLASTIC BATTERY CLIP, USE IS LIMITED TO THE BL 1830 (3.0 Ahr) BATTERY. FORCING ANY OTHER BATTERY INTO THIS TOOL WILL VOID THE WARRANTY.



TO ORDER BURNDY® PRODUCTS CALL

UNITED STATES
1-800-346-4175 (LONDONDERRY, NH)

CANADA:
1-800-361-6975 (QUEBEC)
1-800-387-6487 (ALL OTHER PROVINCES)

FOR PRODUCT INFO: <http://www.burndy.com>

PATRIOT INLINE CRIMP TOOL, LIGHT WEIGHT

ITEM NO: (SEE TABLE)		DRAWING NO		REV	
CAT. NO: PATMD-LW, PATMD-LW-FJ		50054521		U	
DRAWN BY: P. WASON	02-09-2016				
CHECKER: T. FAUCHER	12-01-2017				
DSN APRVL: P. WASON	12-01-2017				
MFG APRVL: --					
QA APRVL: C. LINDQUIST	12-01-2017				
MKT APRVL: P. SILVA	12-01-2017	PROJECT #:		SIZE	
PROD FAM: TOOLS, BATTERY		DOCUMENT TYPE: SALES		REL LEVEL: Released	

4. JAW COVERS ARE NOT RATED FOR ELECTRICAL INSULATION.

REV	DATE	DESCRIPTION	ECO	BY	C'H.K.
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TOOL CAT. NO.	BATTERY CAPACITY		CHARGER TYPE		JAW TYPE			CUTTER, ACSR		CUTTER, CU/AL		PIN TYPE	
	3.0 Ah	5.0 Ah	120V-AC	12V-DC	CRIMPER, D3/ BG	CRIMPER, D3/O	CRIMPER, D3 ONLY			REMOVABLE	FIXED		
PATMDLWBASET00L										X			
PATMD6LW	X		X		X					X			
PATMD68LW	X		X			X				X			
PATMD66LW	X		X				X			X			
PATMDCUTLW	X		X					X		X			
PATMDCUTCLW	X		X						X	X			
PATMD6LWDC	X			X	X					X			
PATMD68LWDC	X			X		X				X			
PATMD66LWDC	X			X			X			X			
PATMDCUTLWDC	X			X				X		X			
PATMDCUTCLWDC	X			X					X	X			
PATMD6LW5		X	X		X					X			
PATMD68LW5		X	X			X				X			
PATMD66LW5		X	X				X			X			
PATMDCUTLW5		X	X					X		X			
PATMDCUTCLW5		X	X						X	X			
PATMD6LW5DC		X		X	X					X			
PATMD68LW5DC		X		X		X				X			
PATMD66LW5DC		X		X			X			X			
PATMDCUTLW5DC		X		X				X		X			
PATMDCUTCLW5DC		X		X					X	X			
PATMD6LWLCB					X					X			
PATMD68LWLCB						X				X			
PATMD66LWLCB							X			X			
PATMDCUTLWLCB								X		X			
PATMDCUTCLWLCB									X	X			
PATMD6LWWCJ	X		X		X			X		X			
PATMD68LWWCJ	X		X			X		X		X			
PATMD66LWWCJ	X		X		X			X		X			
PATMD6LWWCCJ	X		X			X			X	X			
PATMD68LWWCCJ	X		X			X			X	X			
PATMD66LWWCCJ	X		X				X		X	X			
PATMD6LW5WCJ		X	X		X			X		X			
PATMD68LW5WCJ		X	X			X		X		X			
PATMD66LW5WCJ		X	X				X		X	X			
PATMD6LW5WCCJ		X	X		X				X	X			
PATMD68LW5WCCJ		X	X			X				X			
PATMD66LW5WCCJ		X	X				X			X			
PATMD6LW5DCWCJ		X		X	X			X		X			
PATMD68LW5DCWCJ		X		X		X		X		X			
PATMD6LWWCJLCB					X			X		X			
PATMD68LWWCJLCB						X		X		X			
PATMD6LWFJ	X		X		X						X		
PATMD68LWFJ	X		X			X					X		
PATMD66LWFJ	X		X				X				X		
PATMD66LW5FJ		X	X				X				X		
PATMDCUTLWFJ	X		X					X			X		

NOTES:

1. BATTERY CAPACITY:
3.0 Ah: MAKITA 18V LI-ION BATTERY WITH 3.0 Ah CAPACITY. **CAT. NO.: BAT18VLI**
5.0 Ah: MAKITA 18V LI-ION BATTERY WITH 5.0 Ah CAPACITY. **CAT. NO.: BAT18V5AHLI**
NOTE: HIGHER BATTERY CAPACITY RESULTS IN PROPORTIONALLY MORE CRIMPS PER CHARGE.

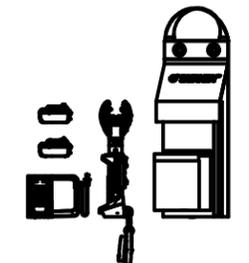
2. CHARGER TYPE:
120 V-AC: MAKITA BATTERY CHARGER FOR USE WITH MAKITA 18V LI-ION BATTERIES. REQUIRES STANDARD 120V-AC RECEPTACLE. **CAT. NO.: PATCHGRLI**
12 V-DC: SAME AS 120 V-DC CHARGER, BUT REQUIRES AUTOMOTIVE-STYLE 12V-DC RECEPTACLE. **CAT. NO.: PATCHGRLLDC**

3. JAW TYPES:
D3 / BG: LIGHT WEIGHT JAW WITH PERMANENT "D3" AND "BG" DIE GROOVES. **CAT. NO.: PATMD6LWJAW**
D3 / O: LIGHT WEIGHT JAW WITH PERMANENT "D3" AND "O" DIE GROOVES. **CAT. NO.: PATMD68LWJAW**
D3 ONLY: LIGHT WEIGHT JAW WITH PERMANENT "D3" DIE GROOVE. **CAT. NO.: PATMD66LWJAW**
CUTTER, ACSR: LIGHT WEIGHT CABLE CUTTER WITH INCLUDED ACSR/CU/AL CUTTING BLADES. **CAT. NO.: PATMDCUTLWJAW**
REPLACEMENT ACSR CUTTING BLADES **CAT. NO.: PATMDCUTACSRKIT**
CUTTER, CU/AL: LIGHT WEIGHT CABLE CUTTER WITH EXPANDED CAPACITY CU/AL CUTTING BLADES. **CAT. NO.: PATMDCUTCLWJAW**
REPLACEMENT CU/AL CUTTING BLADES **CAT. NO.: PATMDCUTCUALKIT**
CUTTER, EHS GUY WIRE (NOT SHOWN IN TABLE, BUT ALSO AVAILABLE): LIGHT WEIGHT CABLE CUTTER WITH EHS GUY WIRE CUTTING BLADES **CAT. NO.: PATMDCUTGLWJAW**
REPLACEMENT EHS GUY WIRE CUTTING BLADES **CAT. NO.: PATMDCUTGUYKIT**
XPJ (NOT SHOWN IN TABLE, BUT ALSO AVAILABLE): CRIMPER JAW WITH X, P, AND J GROOVES **CAT. NO.: PATMDXPJLWJAW**
430 DIELESS (NOT SHOWN IN TABLE, BUT ALSO AVAILABLE): DIELESS CRIMPER JAW FOR USE ON OVERHEAD DISTRIBUTION SPLICES **CAT. NO.: PATMD430LWJAW**

REPLACEMENT GUIDE (COMPATIBLE WITH ACSR, CU/AL AND GUY WIRE BLADES)
CAT. NO.: PATMDCUTACSRFXGDE

NOTE: "D3" DIE GROOVE IS USED WITH SOME COMMON LARGE H-FRAME CONNECTORS (YHD- SERIES AND OTHERS), BUT IT MORE COMMONLY ALLOWS FOR THE USE OF INTERCHANGEABLE "W"-TYPE DIES FOR CRIMPING VARIOUS WIRE SIZES FROM #8 AWG TO 500 kcmil (SEE SHEET 1 FOR CRIMPING CAPACITY). "BG" DIE GROOVE IS USED WITH MANY COMMON SERVICE ENTRANCE CONNECTORS. "O" DIE GROOVE IS USED WITH MANY COMMON SMALL H-FRAME CONNECTORS (YHO- SERIES). NO MATTER WHICH JAW IS SELECTED, W-DIE VERSIONS OF THE PERMANENT DIE GROOVES ARE ALSO AVAILABLE.
CAT. NO.: WBG
CAT. NO.: WO

4. PIN STYLE:
REMOVABLE: PIVOT PIN IS PARTIALLY REMOVABLE TO ALLOW FOR THE USE OF DIFFERENT JAWS, INCLUDING CRIMPING AND CUTTING JAWS.
FIXED: PIVOT PIN IS NOT REMOVABLE, PREVENTING THE ABILITY TO CHANGE JAWS.



- PACKAGE CONTENTS:**
1. TOOL WITH JAW SET(S)
 2. TOOL BAG (IF APPLICABLE)
 3. 2 BATTERIES (IF APPLICABLE)
 4. CHARGER (IF APPLICABLE)
 5. USER INSTRUCTIONS (TOOL)
 6. USER INSTRUCTIONS (BATTERIES/CHARGER)
 7. 5-YEAR WARRANTY INFORMATION

5. IF DESIRED KIT IS NOT SHOWN ON TABLE, CUSTOM KITS ARE AVAILABLE. USE CATALOG NUMBERING SCHEME ON SHEET 3 AND CONTACT YOUR LOCAL FIELD SALES REPRESENTATIVE OR CALL CUSTOMER SERVICE USING THE PHONE NUMBER AT THE BOTTOM OF EACH PAGE.

TO ORDER BURNDY® PRODUCTS CALL		Patriot inline CRIMP TOOL, LIGHT WEIGHT	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: (SEE TABLE)	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: PATMD-LW, PATMD-LW-FJ	
FOR PRODUCT INFO: http://www.burndy.com		DRAWN BY: P. WASON 02-09-2016	
		CHECKER: T. FAUCHER 12-01-2017	
		DSN APRVL: P. WASON 12-01-2017	
		MFG APRVL: --	
		QA APRVL: C. LINDQUIST 12-01-2017	
		MKT APRVL: P. SILVA 12-01-2017	
		PROD FAM: TOOLS, BATTERY	
		DRAWING NO	
		PROJECT #: --	
		SIZE	
		50054521	
		DOCUMENT TYPE: SALES	
		REL LEVEL: Released	
		SHEET 2 OF 3	
		U	

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
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5 **CATALOG NUMBERING SCHEME FOR CUSTOM KITS:** SELECT UP TO THREE JAW STYLES, BATTERY AND CHARGER TYPE AND CASE/BAG OPTION USING THE TABLE BELOW. CONTACT YOUR LOCAL FIELD SALES REPRESENTATIVE OR CALL CUSTOMER SERVICE USING THE PHONE NUMBER AT THE BOTTOM OF EACH PAGE.

EXAMPLE CATALOG NUMBER: PATMD34603A1

FIXED VALUE → **PATMD**

→ **3** → **4** → **6** → **03** → **A** → **1**

THESE VALUES MUST BE IN ASCENDING ORDER
EXCEPTIONS: IF TWO JAWS ARE NEEDED, JAW 3 MUST BE ZERO (I.E. NOT INCLUDED)
IF ONE JAW IS NEEDED, BOTH JAWS 2 AND 3 MUST BE ZEROS

JAW 1		JAW 2		JAW 3		BATTERY		CHARGER		CASE/BAG	
--		0. NO JAW		0. NO JAW		00. NO BATTERIES		0. NO CHARGER		0. NO CASE/BAG	
1.	CRIMPER, D3/BG	1.	CRIMPER, D3/BG	1.	CRIMPER, D3/BG	03.	3.0 Ah BATTERIES (QTY 2)	A.	120 V-AC CHARGER	1.	UTILITY BAG
2.	CRIMPER, D3 ONLY	2.	CRIMPER, D3 ONLY	2.	CRIMPER, D3 ONLY	05.	5.0 Ah BATTERIES (QTY 2)	D.	12 V-DC CHARGER	2.	HARD CASE
3.	CRIMPER, D3/O	3.	CRIMPER, D3/O	3.	CRIMPER, D3/O					3.	PRO BAG
4.	CUTTER, ACSR	4.	CUTTER, ACSR	4.	CUTTER, ACSR						
5.	CUTTER, CU / AL	5.	CUTTER, CU / AL	5.	CUTTER, CU / AL						
6.	CUTTER, EHS GUY WIRE	6.	CUTTER, EHS GUY WIRE	6.	CUTTER, EHS GUY WIRE						
7.	CRIMPER, XPJ	7.	CRIMPER, XPJ	7.	CRIMPER, XPJ						
8.	CRIMPER, 430 DIELESS	8.	CRIMPER, 430 DIELESS	8.	CRIMPER, 430 DIELESS						

TO ORDER BURNDY® PRODUCTS CALL		PATRIOT INLINE CRIMP TOOL, LIGHT WEIGHT	
UNITED STATES		ITEM NO: (SEE TABLE)	
1-800-346-4175 (LONDONDERRY, NH)		CAT. NO: PATMD-LW, PATMD-LW-FJ	
CANADA:		DRAWN BY: P. WASON 02-09-2016	
1-800-361-6975 (QUEBEC)		CHECKER: T. FAUCHER 12-01-2017	
1-800-387-6487 (ALL OTHER PROVINCES)		DSN APRVL: P. WASON 12-01-2017	
FOR PRODUCT INFO: http://www.burndy.com		MFG APRVL: --	
		QA APRVL: C. LINDQUIST 12-01-2017	
		MKT APRVL: P. SILVA 12-01-2017	
PROD FAM: TOOLS, BATTERY	DRAWING NO	REV	
PROJECT #: --	50054521	U	
DOCUMENT TYPE: SALES	SIZE: B		
REL LEVEL: Released	SHEET 3 OF 3		