

Battery-Powered Knockout Punch Driver Kits Parts List

CAT. NO.	UPC NO.	DESCRIPTION	HOLE SIZE					KIT CAT./UPC NO.			
			CONDUIT & PIPE SIZE	ACTUAL		PG	LS6011A/03557 LS6012A/03558 LS6022A/03559	LS6011B/04311 LS6012B/04661 LS6022B/04312	CLS6011A CLS6022A	CLS6011B CLS6022B	
				Ø INCH	Ø mm						
721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5	16		✓		✓
14722	14722	1/2" Conduit Size Die	1/2"	7/8	0.885	22.5	16		✓		✓
721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch	3/4"	—	1.115	28.3	21		✓		✓
124AV	06972	3/4" Conduit Size Die	3/4"	—	1.115	28.3	21		✓		✓
721-1	31758	1" Conduit Size Slug-Buster® Punch	1"	—	1.362	34.6	—		✓		✓
126AV	04011	1" Conduit Size Die	1"	—	1.362	34.6	—		✓		✓
721-1-1/4	31759	1-1/4" Conduit Size Slug-Buster® Punch	1-1/4"	1-11/16	1.701	43.2	—		✓		✓
128AV	04013	1-1/4" Conduit Size Die	1-1/4"	1-11/16	1.701	43.2	—		✓		✓
721-1-1/2	31760	1-1/2" Conduit Size Slug-Buster® Punch	1-1/2"	1-15/16	1.951	49.6	—		✓		✓
440AV	04061	1-1/2" Conduit Size Die	1-1/2"	1-15/16	1.951	49.6	—		✓		✓
721-2	31761	2" Conduit Size Slug-Buster® Punch	2"	2-3/8	2.416	61.5	—		✓		✓
442AV	04063	2" Conduit Size Die	2"	2-3/8	2.416	61.5	—		✓		✓
1614SS	30043	Draw Stud—3/8" x 2-13/16"						✓	✓	✓	✓
31872	31872	Draw Stud—3/4" x 4-1/8"						✓	✓	✓	✓
1924AA	03248	Spacer-Short						✓	✓	✓	✓
33967	33967	Stud Adapter—3/8"						✓	✓	✓	✓
01686	01686	Metal Case						✓	✓	✓	✓
MKLS60	05956	Case for LS60						✓	✓	✓	✓

Optional Accessories for LS6011B, LS6012B, and LS6022B (not included in kits)

29451	29451	Draw Stud—7/16" x 4-1/2" for Slug Splitter SC™ Stainless Steel Punches
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Holmaking

USA Tel: 800.435.0786
Fax: 800.451.2632

Canada Tel: 800.435.0786
Fax: 800.524.2853

International Tel: +1.815.397.7070
Fax: +1.815.397.9247

Parts List for Quick Draw®, Quick Draw 90® and Quick Draw® Flex Kits

CAT. NO.	UPC NO.	DESCRIPTION	HOLE SIZE						KIT CAT./UPC NO.										
			CONDUIT & PIPE SIZE	ACTUAL		PG	ISO	7704SB/	7706SB/	7804E/	7804ESB/	7804ISO/	7804SB/	7806SB/	7904E/	7904ESB/	7904ISO/	7904SB/	7906SB/
				Ø INCH	Ø mm			10475	10476	34291	35611	35614	34292	34293	34299	35615	35616	33794	34300
721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5	16	—	✓	✓		✓		✓				✓	
14722	14722	1/2" Conduit Size Die	1/2"	7/8	0.885	22.5	16	—	✓	✓		✓		✓				✓	
721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch	3/4"	—	1.115	28.3	21	—	✓			✓						✓	
124AV	06972	3/4" Conduit Size Die	3/4"	—	1.115	28.3	21	—	✓			✓						✓	
721-1	31758	1" Conduit Size Slug-Buster® Punch	1"	—	1.362	34.6	—	—	✓			✓						✓	
126AV	04011	1" Conduit Size Die	1"	—	1.362	34.6	—	—	✓			✓						✓	
721-1-1/4	31759	1-1/4" Conduit Size Slug-Buster® Punch	1-1/4"	1-11/16	1.701	43.2	—	—	✓			✓						✓	
128AV	04013	1-1/4" Conduit Size Die	1-1/4"	1-11/16	1.701	43.2	—	—	✓			✓						✓	
721-1-1/2	31760	1-1/2" Conduit Size Slug-Buster® Punch	1-1/2"	1-15/16	1.951	49.6	—	—	✓			✓						✓	
440AV	04061	1-1/2" Conduit Size Die	1-1/2"	1-15/16	1.951	49.6	—	—	✓			✓						✓	
721-2	31761	2" Conduit Size Slug-Buster® Punch	2"	2-3/8	2.416	61.5	—	—	✓			✓						✓	
442AV	04063	2" Conduit Size Die	2"	2-3/8	2.416	61.5	—	—	✓			✓						✓	
31969	31969	Slug-Buster® Punch	—	—	0.598	15.2	9	—				✓						✓	
32002	32002	Die	—	—	0.598	15.2	9	—				✓						✓	
31970	31970	Slug-Buster® Punch	—	—	0.732	18.6	11	—				✓						✓	
32003	32003	Die	—	—	0.732	18.6	11	—				✓						✓	
31971	31971	Slug-Buster® Punch	—	—	0.803	20.4	13	20				✓						✓	
32004	32004	Die	—	—	0.803	20.4	13	20				✓						✓	
31973	31973	Slug-Buster® Punch	3/4"	—	1.115	28.3	21	—				✓						✓	
32006	32006	Die	3/4"	—	1.115	28.3	21	—				✓						✓	
36284	36284	30.5 mm Slug-Buster® Punch	—	1-7/32	1.210	30.5	—	—				✓						✓	
36279	36279	30.5 mm Die	—	1-7/32	1.210	30.5	—	—				✓						✓	
35163	35163	ISO-16 Slug-Buster® Punch	—	—	0.638	16.2	—	16				✓						✓	
35162	35162	ISO-16 Die	—	—	0.638	16.2	—	16				✓						✓	
35165	35165	ISO-25 Slug-Buster® Punch	—	1	1.000	25.4	—	25				✓						✓	
35164	35164	ISO-25 Die	—	1	1.000	25.4	—	25				✓						✓	
35169	35169	ISO-32 Slug-Buster® Punch	—	—	1.280	32.5	—	32				✓						✓	
35168	35168	ISO-32 Die	—	—	1.280	32.5	—	32				✓						✓	
35158	35158	ISO-40 Slug-Buster® Punch	—	—	1.595	40.5	—	40				✓						✓	
35159	35159	ISO-40 Die	—	—	1.595	40.5	—	40				✓						✓	
34288	34288	Quick Draw® Hydraulic Punch Driver										✓	✓						
33786	33786	Quick Draw 90® Hydraulic Punch Driver												✓	✓	✓	✓	✓	
10383	10383	Quick Draw® Flex Driver							✓	✓									
1614SS	30043	Draw Stud—3/8" x 2-13/16"							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
31872	31872	Draw Stud—3/4" x 4-1/8"							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1924AA	03248	Spacer-Short							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
33967	33967	Stud Adapter—3/8"							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
35202	35202	Plastic Case											✓	✓					
34983	34983	Plastic Case											✓	✓				✓	
10391	10391	Plastic Case							✓	✓								✓	
Optional Accessories for 7806SB, 7804E, 7804ESB, 7804ISO, 7906SB, 7904E, 7904ESB and 7904ISO Kits (not included in kits)																			
29451	29451	7/16" (11.1 mm) Stainless Steel Draw Stud																	

Replacement Draw Studs for Hydraulic Drivers

Replacement Draw Stud Selection Guide

Refer to the **ACTUAL SIZE PICTURES** and information below when ordering a replacement draw stud. Sizes given are diameter X length.



1557AA- 1-1/8" (28.6 mm) x 3" (76 mm)



1614SS- 3/8" (9.5 mm) x 2-13/16" (71 mm)



60114 (Adapter) - 3/4" (19 mm) x 1/4" (6.35 mm) internal



60167 (Adapter) - 3/4" (19 mm) x 1/2" (12.7 mm) internal



33967 (Adapter) - 3/4" (19 mm) x 3/8" (9.5 mm) internal



31872 - 3/4" (19 mm) x 4-1/2" (114.3 mm)



29451 - 7/16" (11.1 mm) x 4-1/4" (108 mm)



2113AA - 3/4" (19.0 mm) x 5-3/8" (137 mm)



29452 - 3/4" (19.0 mm) x 5-1/2" (140 mm)

R = REPLACEMENT PART **A** = ACCESSORY

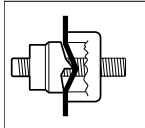
SLUG-SPLITTER SC™ KNOCKOUTS

Slug-Splitter SC™ (Self-Centering) Knockout Punches 0.598" to 2.520"

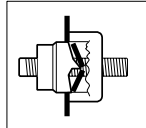


Designed for stainless steel applications

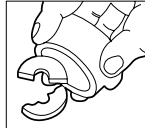
- Slug-Splitter SC™ heavy-duty punches are designed to punch up through 10 gauge (3.5 mm) stainless steel.
- Unique slug-splitting design and tool steel construction easily punch 10 gauge (3.5 mm) mild steel and stainless steel.
- Self-centering punch aligns itself on pilot hole. (Slug-Splitter SC™)
- No need to draw crosshairs or line up die alignment marks. (Slug-Splitter SC™)
- Unique punch profile also splits slugs for easier slug removal.
- Heavy-duty dies and stainless steel draw studs for longer life.
- Excellent abrasion resistance for punching fiberglass and plastic.
- Slug-Splitter SC™ punch units consist of: punch, die and draw stud. Check individual punch for specific capacity.
- U.S. Patent No. 4,543,722 for standard Slug-Splitter; Patent Pending for Self-centering Slug-Splitter SC™.



Unique Slug-Splitter SC™ punch design creases slug as the punch is drawn into the die.



Slug is split in half as punching operation is completed.



Split slugs fall free from the die and stud.

SPECIFICATIONS

Capacity	Stainless steel up through 10 gauge (3.5 mm)
Application	10-gauge stainless steel, mild steel, fiberglass and plastic enclosures.
Hole Sizes	Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 1/2" conduit size actually makes a 7/8" hole. Pg Sizes - European standard pipe sizes. ISO Sizes - International Standards Organization pipe sizes.
Operation	Operate with battery, hydraulic or high leverage ratchet driver only.

SLUG-SPLITTER SC™ (SELF CENTERING) KNOCKOUT PUNCHES

PUNCH CAT./UPC NO.	DIE CAT./UPC NO.	CONDUIT & PIPE	HOLE SIZE ACTUAL				CAPACITY STAINLESS STEEL		DRAW STUDS			
			Ø (INCH)	Ø (mm)	PG	ISO	GA.	(mm)	7804/7904	7646/7625	1904	
28154	28155	1/2"	7/8	0.885	22.5	16	-	10	3.5	29451	29451	30227
28156	28157	3/4"	-	1.115	28.3	21	-	10	3.5	31872	29452	12099
36490	36489	-	1-7/32	1.210	30.5	-	-	10	3.5	31872	29452	12099
28158	28159	1"	1-11/32	1.352	34.6	-	-	10	3.5	31872	29452	12099
28160	28161	1-1/4"	1-11/16	1.701	43.2	-	-	10	3.5	31872	29452	12099
28162	28163	1-1/2"	1-15/16	1.951	49.6	-	-	10	3.5	-	29452	12099
28165	28166	2"	2-3/8	2.416	61.5	-	-	10	3.5	-	29452	12099

STANDARD SLUG-SPLITTER KNOCKOUT PUNCHES

31117	31126	-	-	0.598	15.2	9	-	12	2.5	29451	29451	30227
04599	04598	-	-	0.638	16.2	-	16	12	2.5	29451	29451	30227
31119	31128	-	-	0.732	18.6	11	-	12	2.5	29451	29451	30227
31120	31129	-	-	0.803	20.4	13	20	12	2.5	29451	29451	30227
04602	04601	-	-	1.000	25.4	-	25	10	3.5	31872	29452	30227
04605	04603	-	-	1.280	32.5	-	32	10	3.5	31872	29452	12099
31122	31135	-	-	1.457	37.0	29	-	10	3.5	31872	29452	12099
04608	04607	-	-	1.595	40.5	-	40	10	3.5	31872	29452	12099
31123	31131	-	-	1.850	47.0	36	-	10	3.5	-	29452	12099
04611	04609	-	-	2.000	50.8	-	50	10	3.5	-	29452	12099
31124	31132	-	-	2.125	54.0	42	-	10	3.5	-	29452	12099
31125	31133	-	-	2.362	60.0	48	-	10	3.5	-	29452	12099
04614	04613	-	-	2.520	64.0	-	63	10	3.5	-	29452	12099

* 16 ga. stainless steel capacity with ratchet driver.

International Tel: +1.815.397.7070
Fax: +1.815.397.9247

USA Tel: 800.435.0786
Canada Tel: 800.435.0786
Fax: 800.451.2632

ELECTRIC & BATTERY-POWERED KNOCKOUT KITS

Gator® Plus Battery-Powered Knockout Punch Driver Kits



- Punches a hole for 2" conduit (61.5 mm) in only 12 seconds.
- Angled pistol grip allows easy one-handed control and positioning.
- Tool senses when the hole is completely punched and automatically shuts off to prevent damage to the punch and die.
- Develops 6.7 tons of hydraulic force, capable of punching up to 2" conduit (61.5 mm) size holes in 10-gauge (3.5 mm) mild steel and 12-gauge (2.5 mm) stainless steel.
- Three choices of battery chargers – 120 volt, 220 volt, or 12 volt. Punches approximately (80) 1/2" conduit size holes or (40) 2" conduit size holes in 10-gauge mild steel per battery charge.
- U.S. Patents #6,065,326, and #6,206,663.

SPECIFICATIONS

Weight (driver with battery only)	8.25 lbs. (3.7 kg)
Overall Length (ram retracted)	10.3 in. (262 mm)
Height	11.5 in. (292 mm)
Maximum Punch Force	6.7 tons (60 kN)
Maximum Round Punch Size (in 10 gauge mild steel)	2.42 in. dia. (61.5 mm dia)
Maximum Square Punch Size (in 10 gauge mild steel)	2-11/16 in. x 2-11/16 in. (68.0 x 68.0 mm)
Maximum Rectangular Punch Size (in 10 gauge mild steel)	1.378 x 2.559 in. (35.0 x 65.0 mm)
Maximum Ram Travel	0.87 in (22 mm)
Charging Time	Approximately 1 hour
Battery Voltage	12 V, 2.6Ah, NIMH

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT LBS.	kg.
LS6011A	03557	Battery-powered driver with 120 volt charger, 2 batteries, 2 draw studs, 1 adapter, 1 spacer and case	23	10.4
LS6012A	03558	Battery-powered driver with 12 volt charger, 2 batteries, 2 draw studs, 1 adapter, 1 spacer and case	23	10.4
LS6022A	03559	Battery-powered driver with 220 volt charger, 2 batteries, 2 draw studs, 1 adapter, 1 spacer and case	23	10.4
LS6011B	04311	Battery-powered driver with 120 volt charger, 2 batteries, 1/2" through 2" Slug-Buster® conduit size punches, 2 draw studs, 1 adapter, 1 spacer and case	27	12.2
LS6012B	04661	Battery-powered driver with 12 volt charger, 2 batteries, 1/2" through 2" Slug-Buster® conduit size punches, 2 draw studs, 1 adapter, 1 spacer and case	27	12.2
LS6022B	04312	Battery-powered driver with 220 volt charger, 2 batteries, 1/2" through 2" Slug-Buster® conduit size punches, 2 draw studs, 1 adapter, 1 spacer and case	27	12.2
07063	07063	12V NIMH Battery		
MKLS60	05956	Carrying Case		

See page 59 for complete parts list for all kits.

STEEL CAPACITIES FOR CONDUIT SIZES

STUD AND ACCESSORIES	STANDARD PUNCHES AND SLUG-BUSTER®							SLUG-SPLITTER SC™					Electronic Connector Punches RS-232, 229, 231, 234, 238	
	1/2" CON. Ø 0.885" 22.5mm	3/4" Ø 1.115" 28.3mm	1-7/32" CON. Ø 1.210" 30.5mm	1" CON. Ø 1.362" 34.6mm	1-1/4" CON. Ø 1.701" 43.2mm	1-1/2" CON. Ø 1.951" 49.6mm	2" CON. Ø 2.415" 61.5mm	1/2" CON. Ø 0.885" 22.5mm	3/4" CON. Ø 1.115" 28.3mm	1-7/32" CON. Ø 1.210" 30.5mm	1" CON. Ø 1.362" 34.6mm	1-1/4" CON. Ø 1.701" 43.2mm		1-1/2" CON. Ø 1.951" 49.6mm
1614SS Draw Stud														
1924AA Spacer	Diagonal Hatching													
33967 Adapter														
1924AA Spacer ①								Diagonal Hatching						
29451 7/16" Draw Stud														
1924AA Spacer														
31872 3/4" Draw Stud		Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching		Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching
31872 3/4" Draw Stud						Diagonal Hatching							Diagonal Hatching	Diagonal Hatching
33967 Adapter														Diagonal Hatching

① 29451 sold separately. See page 73 for ordering information.

10 GA. (0.1345" [3.5 mm]) MILD STEEL
 10 GA. (0.1345" [3.5 mm]) STAINLESS STEEL
 12 GA. (0.1046" [2.5 mm]) STAINLESS STEEL
 16 GA. (0.0598" [1.5 mm]) MILD STEEL AND 1/8" ALUMINUM

R = REPLACEMENT PART **A** = ACCESSORY

Holmaking

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Gator® Plus Coded Knockout Punch Driver Kits



- Punches a hole for 2" conduit (61.5 mm) in only 12 seconds.
- Angled pistol grip allows easy one-handed control and positioning.
- Tool senses when the hole is completely punched and automatically shuts off to prevent damage to the punch and die.
- Develops 6.7 tons of hydraulic force, capable of punching up to 2" conduit (61.5 mm) size holes in 10-gauge (3.5 mm) mild steel and 12-gauge (2.5 mm) stainless steel.
- Operates directly from 120V/60Hz or 230V/50Hz electrical outlets. No need to charge batteries or worry about running out of power.
- Equipped with 15-foot (5 m) cord. Can be used with extension cords.
- U.S. Patents #6,065,326 and #6,206,663.

SPECIFICATIONS

Weight (driver with battery only)	8.25 lbs. (3.7 kg)
Overall Length (ram retracted)	10.3 in. (262 mm)
Height	11.5 in. (292 mm)
Maximum Punch Force	6.7 tons (60 kN)
Maximum Round Punch Size (in 10 gauge mild steel)	2.42 in. dia. (61.5 mm dia)
Maximum Square Punch Size (in 10 gauge mild steel)	2-11/16 in. x 2-11/16 in. (68.0 x 68.0 mm)
Maximum Rectangular Punch Size (in 10 gauge mild steel)	1.378 x 2.559 in. (35.0 x 65.0 mm)
Maximum Ram Travel	0.87 in (22 mm)
Operating Voltage	120V, 60Hz; 230V, 50Hz

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	kg
CLS6011A	01496	Corded Driver, 120 Volts/60Hz, with 2 Draw Studs, 1 Adapter, 1 Spacer and Case.	23	10.4
CLS6022A	01497	Corded Driver, 230 Volts/50Hz, with 2 Draw Studs, 1 Adapter, 1 Spacer and Case.	23	10.4
CLS6011B	01498	Corded Driver, 120 Volts/60Hz, with 1/2" through 2" Slug-Buster® Conduit Size Punches, 2 Draw Studs, 1 Adapter, 1 Spacer and Case.	23	10.4
CLS6022B	01499	Corded Driver, 230 Volts/50Hz, with 1/2" through 2" Slug-Buster® Conduit Size Punches, 2 Draw Studs, 1 Adapter, 1 Spacer and Case.	27	12.2
MKNLS60	01686	Carrying Case		

See page 59 for complete parts list for all kits.

STEEL CAPACITIES FOR CONDUIT SIZES

STUD AND ACCESSORIES	STANDARD PUNCHES AND SLUG-BUSTER®							SLUG-SPLITTER SC™						
	1/2" CON.	3/4"	1-7/32" CON.	1" CON.	1-1/4" CON.	1-1/2" CON.	2" CON.	1/2" CON.	3/4" CON.	1-7/32" CON.	1" CON.	1-1/4" CON.	1-1/2" CON.	2" CON.
	Ø 0.885" 22.5mm	Ø 1.115" 28.3mm	Ø 1.210" 30.5mm	Ø 1.362" 34.6mm	Ø 1.701" 43.2mm	Ø 1.951" 49.6mm	Ø 2.415" 61.5mm	Ø 0.885" 22.5mm	Ø 1.115" 28.3mm	Ø 1.210" 30.5mm	Ø 1.362" 34.6mm	Ø 1.701" 43.2mm	Ø 1.951" 49.6mm	Ø 2.416" 61.5mm
1614SS Draw Stud														
1924AA Spacer	Diagonal Hatching													
33967 Adapter														
1924AA Spacer ①														
29451 7/16" Draw Stud								Diagonal Hatching						
1924AA Spacer														
31872 3/4" Draw Stud		Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching		Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching	Diagonal Hatching
31872 3/4" Draw Stud							Diagonal Hatching						Diagonal Hatching	Diagonal Hatching
33967 Adapter														Cross-hatching

Electronic Connector Punches
RS-232, 229, 231, 234, 238

① 29451 sold separately. See page 73 for ordering information.

- Diagonal Hatching: 10 GA. (0.1345" [3.5 mm]) MILD STEEL
- Diagonal Hatching: 10 GA. (0.1345" [3.5 mm]) STAINLESS STEEL
- Solid Black: 12 GA. (0.1046" [2.5 mm]) STAINLESS STEEL
- Cross-hatching: 16 GA. (0.0598" [1.5 mm]) MILD STEEL AND 1/8" ALUMINUM