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# **GREENLEE KNOCKOUT PUNCH SELECTION GUIDE**









### New Slug-Buster® and Standard Round Knockouts

- · Knurled edge on punches for better grip
- New die design optimized for widest range of materials and drivers
- Laser markings for easy part identification
- Alignment markings for improved punching accuracy
- Draw studs with "dog-point" tip help eliminate cross threading and make threading easy. Hex key access for easy removal from tool.

### Slug-Buster®

· Punch profile splits slugs for easy slug removal

SPECIFICATIONS	- SLUG-BUSTER®	PAGE 60-63, 66-71
Size Range		
Capacity	Punch up to 10 ga mild steel Punch up to 12 ga stainless steel Also punches aluminum, metal studs, brass, c enclosures, fiberglass, and plastics	opper, Quazite®
Driver Compatibility	wrench	

### Standard Round

· Greenlee classic knockout, widest size selection available

SPECIFICATIONS	SPECIFICATIONS – STANDARD ROUND					
Size Range	0.50" – 6.38" dia. (12.7 – 161.0 mm)					
Capacity	Punch up to 4" conduit in 10 ga mild and st Punch up to 6" conduit in 14 ga mild steel Also punches aluminum, brass, copper, fibe					
Driver Compatibility Use with Greenlee hydraulic drivers						

### Slug Splitter® and Stainless Steel Punches

· Best solution for frequent use in stainless steel

SPECIFICATIONS	SPECIFICATIONS - SLUG SPLITTER®						
Size Range	Size Range 0.60" – 4.54" dia. (15.2 mm – 115.4 mm)						
Capacity	Capacity  Punch up to 10 ga stainless and mild steel Also punches aluminum, brass, copper, fiberclass, and plastics						
Driver Compatibility							

### SPEED PUNCH®

- · Threadless design for quicker knockout assembly/disassembly
- Laser markings for easy part identification
- · Alignment markings for improved punching accuracy

SPECIFICATIONS – SPEED PUNCH® PAGE 84-8						
Size Range						
Capacity	Punch up to 10 ga mild steel Also punches aluminum, brass, copper, fiberclass, and	plastics				
Driver Compatibility						

NOTE: Check driver ratings before use. Quarite is a registered trademark of Hubbell Inc.



# BATTERY-HYDRAULIC KITS WITH SLUG SPLITTER® PUNCHES



- Slug Splitter® punches are the best solution for frequent usage in stainless steel
- Premium-grade tool steel for longer life in stainless steel
- Over 11 tons of punching force
- Punch 4" conduit up to 10 ga stainless and mild steel

# LS100X INTELLI-PUNCH $^{\text{\tiny{M}}}$ 11-TON BATTERY-HYDRAULIC KNOCKOUT KITS

CAT NO.	UPC NO.	DESCRIPTION
LS100X11SS4	783310064879	Slug Splitter® 1/2" to 4" Conduit
LS100X11SS4X	783310064886	Slug Splitter® 1/2" to 3" and 4" Conduit
LS100X11SS	783310064862	Slug Splitter® 1/2" to 2" Conduit



### LARGE DIAMETER KNOCKOUT EXPANSION SET

CAT NO.	UPC NO.	DESCRIPTION
7308	783310006176	Stainless Steel 2-1/2", 3". 3-1/2" and 4" Conduit

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## **PARTS LIST**

HOLE SIZE				SS4	SS4X	SS		
CONDUIT	,	ACTUAL		CAT. NO.	DESCRIPTION	LS100X11SS4	LS100X11SS4X	LS100X11SS
SIZE	II	N	mm			LS1	LS1(	LS1
1/2"	7/8" 0.885 22.5 28154 1/2" Slug Splitter® P		28154	1/2" Slug Splitter® Punch	Х	Х	X	
				28155	1/2" Knockout Die	Х	Х	X
3/4"	-	1.115	28.3	28156	3/4" Slug Splitter® Punch	Х	Х	X
				28157	3/4" Knockout Die	Х	Х	Х
1"	-	1.362	34.6	28158	1" Slug Splitter® Punch	Х	Х	X
				28159	1" Knockout Die	Х	Х	Х
1-1/4"	1-11/16"	1.701	43.2	28160	1-1/4" Slug Splitter® Punch	Х	Х	Х
				28161	1-1/4" Knockout Die	Х	Х	Х
1-1/2"	1-15/16"	1.951	49.6	28162	1-1/2" Slug Splitter® Punch	Х	Х	Х
				28163	1-1/2" Knockout Die	Х	Х	Х
2"	2-3/8"	2.416	61.5	28164	2" Slug Splitter® Punch	Х	Х	Х
				28165	28165 2" Knockout Die		Х	X
2-1/2"	2-7/8"	2.914	74.0	00622	2-1/2" Stainless Steel Punch	Х	Х	-
				00626	2-1/2" Knockout Die	Х	Х	-
3"	3-1/2"	3.539	89.9	00623	3" Stainless Steel Punch	Х	Х	-
				00627	3" Knockout Die	Х	Х	-
3-1/2"	4"	4.011	102.7	00624	3-1/2" Stainless Steel Punch	Х	-	-
				00629	3-1/2" Knockout Die	Х	-	-
4"	4-1/2"	4.544	115.4	00625	4" Stainless Steel Punch	Х	Х	_
				00630	4" Knockout Die	Х	Х	-
				29451	7/16" x 4-1/4" Hydraulic Draw Stud	Х	Х	Х
				29452	3/4" x 5-1/2" Hydraulic Draw Stud	Х	Х	X
				1557SS	Sleeve Adapter, SS	Х	Х	-
				15908	Spacer Group (Includes 1 of each of the following 3 items)	Х	-	-
				1924AA	Spacer-Short	Х	-	-
				1925AA	Spacer-Medium	Х	-	-
				1926AA	Spacer-Long	Х	Х	-
				LS100X	LS100X Intelli-PUNCH™ 11-Ton Battery-Hydraulic Driver	Х	Х	Х
				52189	18V Li-ion 3.0Ah Battery	2	2	2
				52186	120V AC Charger	Х	Х	X
				LS100XCC	Case for Battery-Hydraulic Kits	X	Х	Х



# MANUAL-HYDRAULIC RAM AND PUMP KITS WITH SLUG SPLITTER® PUNCHES



#### SLUG SPLITTERS

- Slug Splitter® punches are the best solution for frequent usage in stainless steel
- · Premium-grade tool steel for longer life in stainless steel
- · Unique punch profile splits slugs for easy slug removal
- 1/2" 2" conduit size punches feature a self-centering design aligns itself on pilot hole - no need to draw crosshairs
- 11 tons of puncing force
- Punch 4" conduit up to 10 ga stainless and mild steel

### 11-TON HYDRAULIC KNOCKOUT KITS WITH HAND PUMP

CAT NO.	UPC NO.	DESCRIPTION
7506	783310303855	Slug Splitter® 1/2" to 2" Conduit



### **KNOCKOUT SETS**

CAT NO.	UPC NO.	DESCRIPTION
744	783310296195	Slug Splitter® 1/2" to 1-1/4" Conduit
7307	783310295280	Slug Splitter® 1/2" to 2" Conduit, 30.5 mm
7308	783310006176	Stainless Steel 2-1/2", 3". 3-1/2" and 4" Conduit





7308 (driver not included)

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## **PARTS LIST**

HOLE SIZE									
CONDUIT ACTUAL		CAT. NO.	DESCRIPTION				_		
SIZE	II	١	mm			7506	74	7307	7308
1/2"	7/8"	0.885	22.5	28154	1/2" Slug Splitter® Punch	Х	Х	Х	-
				28155	1/2" Knockout Die	Х	Х	Х	-
3/4"	-	1.115	28.3	28156	3/4" Slug Splitter® Punch	'4" Slug Splitter® Punch X X		Х	-
				28157	3/4" Knockout Die	Х	Х	Х	-
-	1/7/32"	1.219	30.5	36490	490 30.5 mm Slug Splitter® Punch		-	Х	-
				36489	489 30.5 mm Knockout Die		-	Х	-
1"	-	1.362	34.6	28158	1" Slug Splitter® Punch	Х	Х	Х	-
				28159	1" Knockout Die		Х	Х	-
1-1/4"	1-11/16"	1.701	43.2	28160	1-1/4" Slug Splitter® Punch	X	Х	Х	-
				28161	1-1/4" Knockout Die	Х	Х	Х	-
1-1/2"	1-15/16"	1.951	49.6	28162	1-1/2" Slug Splitter® Punch	Х	-	Х	-
				28163	1-1/2" Knockout Die	Х	-	Х	-
2"	2-3/8"	2.416	61.5	28164	2" Slug Splitter® Punch X		-	Х	-
				28165	2" Knockout Die X		-	Х	-
2-1/2"	2-7/8"	2.914	74.0	00622			-	-	Х
				00626			-	-	Х
3"	3-1/2"	3.539	89.9	00623	3" Stainless Steel Punch		-	-	Х
				00627	3" Knockout Die		-	-	Х
3-1/2"	4"	4.011	102.7	00624	3-1/2" Stainless Steel Punch	_	-	-	Х
				00629	3-1/2" Knockout Die	_	-	-	Х
4"	4-1/2"	4.544	115.4	00625	4" Stainless Steel Punch	-	-	-	Х
				00630	4" Knockout Die	-	-	-	Х
				29451	7/16" x 4-1/4" Hydraulic Draw Stud	Х	Х	Х	-
				29452	3/4" x 5-1/2" Hydraulic Draw Stud	Х	Х	Х	Х
				1557SS	Sleeve Adapter, SS	_	-	-	Х
				15908	Spacer Group (includes 1 of ea 1924AA, 1925AA, 1926AA)	Х	-	-	-
				746A	Ram	Х	-	-	-
				767	Hydraulic Hand Pump	Х	-	-	-
				06302	High Pressure Hose – 1/4" X 3"	Х	-	-	-
				29529	Metal Case (7307)	-	-	Х	-
				19193	Metal Case (744)	-	Х	-	-
				31068	Metal Case (7506)	X	-	-	-
				08659	Metal Case (7308)	-	-	-	Х



## SLUG SPLITTER® SETS AND PARTS



- Slug Splitter® punches are the best solution for frequent usage in stainless steel
- Premium-grade tool steel for longer life in stainless steel
- Unique punch profile splits slugs for easy slug removal
- · Heavy-duty dies and stainless steel draw studs for longer life
- Patent Pending self-centering punch aligns itself on pilot hole no need to draw crosshairs or line up die alignment marks

HOLE SIZE  ACTUAL				CAF	CAPACITY CAT NO.					
CONDUIT	IN	mm	PG/ISO	ga	mm	SET	PUNCH	DIE	DRAW STUD	SLEEVE
-	0.638	16.2	ISO-16	12	2.5	745M-16.2	04599	04598	29451	-
-	0.732	18.6	Pg 11	12	2.5	-	31119	31128	29451	-
-	0.803	20.4	ISO-20	12	2.5	745M-20.4	31120G	31129	29451	-
1/2"	0.885	22.5	Pg 16	10	3.5	745H-1/2 *	28154*	28155	29451	-
-	1.000	25.4	ISO-25	10	3.5	745M-25.4	04602	04601	29451	-
3/4"	1.115	28.3	Pg 21	10	3.5	745H-3/4 *	28156 *	28157	29452	-
_	1.219	30.5	-	10	3.5	740H-1-7/32 *	36490 *	36489	29452	-
-	1.280	32.5	ISO-32	10	3.5	745M-32.5	04605	04603	29452	-
1"	1.362	34.6	-	10	3.5	745H-1 *	28158 *	28159	29452	-
_	1.457	37.0	Pg 29	10	3.5	-	31122	31135	29452	-
-	1.595	40.5	ISO-40	10	3.5	745M-40.5	04608	04607	29452	-
1-1/4"	1.701	43.2	-	10	3.5	745H-1-1/4 *	28160 *	28161	29452	-
_	1.850	47.0	Pg 36	10	3.5	-	31123	31131	29452	-
1-1/2"	1.951	49.6	-	10	3.5	745H-1-1/2 *	28162 *	28163	29452	_
_	2.000	50.8	ISO-50	10	3.5	745M-50.8	04611	04609	29452	_
-	2.125	54.0	-	10	3.5	-	31124	31132	29452	_
_	2.362	60.0	Pg 48	10	3.5	-	31125G	31133	29452	-
2"	2.416	61.5	-	10	3.5	745H-2 *	28165 *	28166	29452	-
_	2.520	64.0	ISO-63	10	3.5	745M-64	04614	04613	29452	_
2-1/2"	2.914	74.0	_	10	3.5	745H-2-1/2	00622	00626	29452	-
3"	3.539	89.9	_	10	3.5	745H-3	00623	00627	29452	-
3-1/2"	4.011	102.7	_	10	3.5	745H-3-1/2	00624	00629	29452	1557SS
4"	4.544	115.4	_	10	3.5	745H-4	00625	00630	29452	1557SS

<sup>\*</sup>Self-Centering Punch Design



### GREENLEE LIMITED WARRANTY

Greenlee is proud to offer a limited warranty to the original purchaser that our Greenlee product will be free from defects in workmanship and materials for the following time periods measured from the date of purchase: LIFETIME for designated Electrical Test Instruments, Hand Tools, and Hand Benders; three (3) years for Gator® series cordless and corded tools (excluding batteries); and one (1) year for Capital Goods and all other Greenlee products unless otherwise stated by Greenlee in our instruction manual.

Please note ordinary wear and tear, abuse, neglect or damage resulting from alternations or disregard of the product's instruction manual, as judged solely by Greenlee, are not covered under this limited warranty. Greenlee's sole liability and purchaser's sole remedy for a failure of a product under this limited warranty and for all arising claims from the purchase and use of the Greenlee product shall be limited to the replacement or repair of the product that does not conform to this warranty and SHALL BE IN LIEU OF ANY OTHER LIABILITY OR REMEDY, INCLUDING WITHOUT LIMITATION, ANY CAUSES OF ACTION IN NEGLIGENCE AND STRICT LIABILITY. THERE ARE NO OTHER EXPRESS WARRANTIES COVERING THESE GOODS OTHER THAN AS SET FORTH HEREIN. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPLICITLY EXCLUDED. GREENLEE ASSUMES NO OTHER LIABILITY IN CONNECTION WITH THE INSTALLATION OR USE OF THIS PRODUCT EXCEPT AS SATED HEREIN. IN NO EVENT WILL GREENLEE BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Any rental units or demonstration Greenlee products are covered by this limited warranty for 90 days from the date of purchase.

To make a warranty claim or for general customer support please contact Greenlee at: Greenlee Tools, Inc.
4411 Boeing Drive or by phone 1 (800) 435-0786
Rockford, IL 61109-2988 USA

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