



KNOCKOUTS

WANT SPEED? TRY THE GREENLEE SPEED PUNCH® SYSTEM.
WANT SELF CENTERING? SLUG SPLITTER® / SLUG-BUSTER® SC.
WANT SIZE? LARGE-DIAMETER STAINLESS STEEL KNOCKOUTS.
WANT THE WIDEST RANGE OF FAST, RELIABLE KNOCKOUTS?
TRY GREENLEE.











Contents

Battery-Powered Knockout Kits	62
SPEED PUNCH® Knockouts	64
Slug Splitter® SC Knockout Kits	70
Knockouts For Stainless Steel	72
Slug-Buster® Hydraulic Knockout Kits	74
Slug-Buster® Knockouts	80
Slug-Buster® Knockouts	84
Standard Hydraulic Knockout Punch Kits	86
Standard Knockout Punch Sets	88
Standard Knockout Punches	91
Special Application Punches	93
Draw Studs For Knockouts	97
Knockout Accessories Usage	102
Stud Punches	103
C-Frame Punches	105
Manual Hydraulic Pumps	106
Hydraulic Pump Accessories	107



SELECTION GUIDES

Holemaking Selection Guide

MATERIAL TYPE	MATERIAL THICKNESS	NUMBER OF HOLES	PRODUCTS	APPLICATION CONSIDERATIONS
Steel 	10GA	Highest	Slug Splitter® SC Punches	Maximum durability and universal material usage Maximum hole size 4-1/2 inches
	10GA	High	SPEED PUNCH® Punches	Maximum hole size 4-1/2 inches
	10GA	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches
	10GA	High	Standard Punches	Maximum hole size 6-3/8 inches
	10GA	Medium-High	Ultra Cutters	Maximum hole size 2-1/2 inches
	8GA	High	Carbide-Tipped Hole Cutters	Maximum hole size 3 inches
	10GA	Medium-High	Step Bits	Maximum hole size 1-3/8 inches
Stainless Steel 	10GA	Highest	Slug Splitter® SC Punches	Maximum durability and universal material usage Maximum hole size 2-3/8 inches
	10GA	Highest	Lrg. Dia. Punches for Stainless	Hole size 2-1/2 – 4 inches
	9GA	Medium-High	Quick Change Carbide-Tipped Cutter	Maximum hole size 3 inches, quick change cutting heads
	8GA	Medium-High	Carbide-Tipped Hole Cutters	Maximum hole size 2-1/2 inches
Wood 	18"	High	Nail Eater™ RT	Cuts through nails, good chip removal, Max hole size 1 inch
	18"	High	Nail Eater II™ Bits	Cuts through nails, good chip removal, Max hole size 1-1/4 inches
	2–2 x 4's	High	E-Z Bore® Bits	Self feed screw for hard or soft woods, Max hole size 4-5/8 inches
	2 x 4	High	Step Bits	Maximum hole size 1-3/8 inches, low chip removal
	16"	Medium	Spade Bits	Maximum hole size 1-1/2 inches
	1-5/8" or 2 x 4	High	Hole Saws	Maximum hole size 6 inches
Aluminum 	10GA	Highest	Slug Splitter® SC Punches	Maximum durability and universal material usage Maximum hole size 2-3/8 inches
	10GA	High	SPEED PUNCH® Punches	Maximum hole size 2-3/8 inches
	10GA	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches
	10GA	High	Standard Punches	Maximum hole size 6-3/8 inches
	10GA	High	Ultra Cutters	Maximum hole size 2-1/2 inches
	10GA	High	Step Bits	Maximum hole size 1-3/8 inches
Fiberglass/Plastic  	approx. 1/8"	Highest	Slug Splitter® SC Punches	Maximum durability and universal material usage Maximum hole size 4-1/2 inches
	approx. 1/8"	High	SPEED PUNCH® Punches	Maximum hole size 4-1/2 inches
	approx. 1/8"	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches
	approx. 1/8"	High	Standard Punches	Maximum hole size 6-3/8 inches
		High	Ultra Cutters	Maximum hole size 2-1/2 inches
	1-5/8"	Medium-High	Step Bits	Maximum hole size 1-3/8 inches
Drywall/Ceiling Tile 	7/8"	High	Recessed Light Hole Saws	Replaceable blades
	7/8"	Medium-Low	Quick Cutter	Adjustable or fixed, sprinkler heads or lighting
	7/8"	Medium	Keyhole Saw	Non-round holes
Quazite®* Enclosures	approx. 1/8"	High	Slug-Buster® Punches	
		High	Carbide-Grit Hole Saws	
Cement Board/Hardy Board Siding		High	Carbide-Grit Hole Saws	
Existing Wall			D'versibits®	Remodeling, phone, cable, alarm installation
Non-Round Hole 		High	Non-Round Punches	Square, rectangular, electronic connector holes
		Medium	Reciprocating Blades	
Metric & Non-Conduit Sizes	16-10GA	High	Standard Punches	
Metal Studs	20GA		Stud Punches	

Knockout Punch Selection Guide



DRIVER TYPE	DRIVE METHOD	CAPACITY	SIZE RANGE AVAILABLE
SPEED PUNCH®	Hydraulic or Battery	Mild steel up thru 10 gauge (3.5 mm)	1.115" through 2.416" dia. (28.3 mm through 61.4 mm)
Slug Splitter® & Slug Splitter® SC	Ratchet, Hydraulic or Battery	Stainless steel or mild steel up thru 10 gauge (3.5 mm)	.598" through 2.526" dia. (15.2 mm through 64 mm)
Slug-Buster® & Slug-Buster® SC	Manual, Ratchet, Hydraulic or Battery	Mild steel up thru 10 gauge (3.5 mm)	.492" through 2.52" dia. (12.5 mm through 64.0 mm)
Standard Round	Manual, Ratchet, Hydraulic or Battery	Mild steel up thru 10 gauge (3.5 mm)	.500" through 6.375" dia. (12.7 through 161.9 mm)

Knockout Punch Driver Selection Guide



DRIVER TYPE	DESCRIPTION	AVAILABLE DRIVER KITS
Battery-Powered Driver (18V Li-Ion Battery)	<ul style="list-style-type: none"> Punch holes from any angle with the 360° rotating head Punches up to 6" holes in 14 gauge mild steel and 2" holes in 14 gauge stainless steel Slim, compact and lightweight design for reduced fatigue and easy control Automatic retraction prevents damage to punch and die One trigger controls all tool functions, no additional manual work required LED light illuminates dark work areas 	SPEED PUNCH® Punches Slug Splitter® Punches Slug-Buster® Punches
Hand Pump Hydraulic Driver with Ram	<ul style="list-style-type: none"> Foot operation frees both hands to operate punch. Powerful hydraulic ram develops 11 tons of hydraulic force Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch®, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug Splitter® SC knockout punches 	Slug Splitter® SC Punches Slug-Buster® Punches Standard Punches
Foot Pump Hydraulic Driver with Ram	<ul style="list-style-type: none"> Powerful hydraulic ram develops 11 tons of hydraulic force Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch®, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug Splitter® SC knockout punches 	Slug-Buster® Punches
Quick Draw® Hydraulic Driver	<ul style="list-style-type: none"> Quick Draw driver is perfect for fast, straight-on panel punching 	<ul style="list-style-type: none"> Develops 8 tons of hydraulic force for easy punching Punches up through 10 gauge (3.5 mm) mild steel with Greenlee SPEED PUNCH®, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug Splitter® SC knockout punches SPEED PUNCH® Punches Slug-Buster® Punches
Quick Draw 90° Hydraulic Driver	<ul style="list-style-type: none"> Quick Draw 90 right-angle design allows greater versatility in tight spaces 	
Quick Draw® Flex Hydraulic Driver	<ul style="list-style-type: none"> Quick Draw Flex allows unlimited driver orientation 	
Manual Ratchet Driver	<ul style="list-style-type: none"> Unique punch profile splits slugs allowing easy slug removal 1" Hex Ratchet Wrench allows use with both 3/8" (19.1 mm) and 3/4" (9.5 mm) draw studs Slug-Buster® Punches available in sizes up thru 2.52" (64.0 mm) Standard round punches available up to 5 5/8" (144.1 mm) 	Slug-Buster® Punches Slug-Buster® Metric Punches Standard Metric Punches

BATTERY-POWERED KNOCKOUT KITS

LS100 & LS50 Battery-Powered Knockout Punch Drivers



A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT: www.youtube.com/GreenleeDEMO

NEW PRODUCT

AVAILABLE AS **BARE TOOL**



LS100

1. COMPATIBLE

Works with all Greenlee Knockouts including SPEED PUNCH®, SLUG-BUSTER®, and SLUG SPLITTER®

2. 360° ROTATING HEAD

Punches at any angle

3. "AUTO STOP" TECHNOLOGY

Prevents damage to punch and die

4. LIGHTWEIGHT

Ergonomic design provides easy one-handed operation

5. COMPACT

Fits into tight spaces

6. LED Light

Improves visibility, illuminates dark work areas

7. POWERFUL 18V Li-Ion Battery

Long lasting and charges in 30 minutes



LS50

Battery-Hydraulic Knockout Kits

NEW PRODUCT



CAT. NO.	UPC NO.	DESCRIPTION	KNOCKOUT SIZE	MATERIAL TYPE
N LS100L11SB4SP	03143	SPEED PUNCH®	1/2" to 4"	MILD STEEL
N LS100L11SBSP	03384	SPEED PUNCH®	1/2" to 2"	
LS50L11SBSP	02257	SPEED PUNCH®	1/2" to 2"	
N LS100L11SB4	03142	Standard Punches	1/2" to 4"	
N LS100L11SB	03388	Standard Punches	1/2" to 2"	
LS50L11B	04956	Standard Punches	1/2" to 2"	STAINLESS STEEL
N LS100L11SS4	03150	Standard Punches	1/2" to 4"	
N LS100L11SSSP	03148	SPEED PUNCH®	1/2" to 2"	
N LS100L11SS	03145	Standard Punches	1/2" to 2"	

SPECIFICATIONS	LS100	LS50
Weight (driver with battery)	5.8 LBS(2.6 KG)	4.7 LBS(2.1 KG)
Maximum Punch Force	11 Tons (130 kN)	6 Tons (60 kN)
Max Round Punch Size –		
Mild Steel - 10GA	4" Conduit	2" Conduit
Mild Steel - 12GA	6" Conduit	-
Stainless Steel - 10GA	3" Conduit	1-1/4" Conduit
Stainless Steel - 12GA	4" Conduit	-
Lithium Ion Battery	(2) 18V, 3.0 Ah	(1) 18V, 1.5 Ah
Charging Time	30 Minutes	15 Minutes

Replacement Parts & Accessories for the LS100 & LS50



CAT. NO.	UPC NO.	DESCRIPTION
N LS100L11A	03141	LS100 driver with batteries, charger and case
N LS100LB	03138	LS100 driver only with case
LS50L11A	04951	LS50 driver with battery, charger and case
LS50LB	01131	LS50 driver only with case
R KK100LFLEX	03151	Replacement Case for LS100 kits
R KK50LFLEX	00185	Replacement Case for LS50 kits
R 52176	52176	3.0Ah Li-ion Battery
R 52177	52177	1.5Ah Li-ion Battery
R 52178	52178	120V AC Charger
R 52180	52179	12V DC Charger
R EAC18120	52191	Corded AC Adapter

SPEED PUNCH® KNOCKOUTS



SAVE TIME AND MONEY WITH EVERY PUNCH!

From the leaders in knockout technology comes the new SPEED PUNCH® System. The patent pending “no-thread” design eliminates cross-threading, while the innovative SPEED LOCK mechanism quickly secures the punch in place. This means longer tool life and faster punches, saving you time and money on the job. SPEED PUNCH® is available in 1/2” - 4” conduit sizes and three kit configurations.



A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:

www.youtube.com/GreenleeDEMO

* Compared to standard threaded punch & draw stud set-up and disassembly.



SPECIFICATIONS

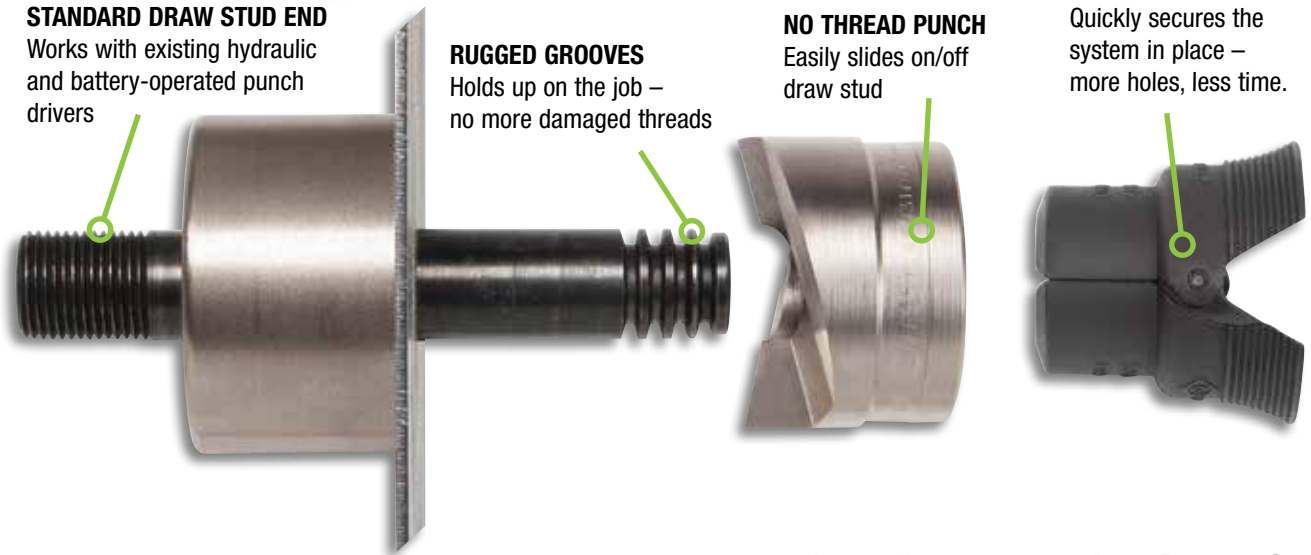
Capacity	Mild steel up through 10 gauge (3.5 mm)
Application	Mild steel, fiberglass and plastic enclosures
Hole Sizes	Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 3/4" conduit size actually makes a 1-3/32" hole Pg Sizes - European standard pipe sizes ISO Sizes - International Standards Organization pipe sizes
Operation	Operate with manual-hydraulic and battery-hydraulic drivers

STANDARD DRAW STUD END
Works with existing hydraulic and battery-operated punch drivers

RUGGED GROOVES
Holds up on the job – no more damaged threads

NO THREAD PUNCH
Easily slides on/off draw stud

SPEED LOCK
Quickly secures the system in place – more holes, less time.



It's as simple as:

“No-thread” punch design quickly and easily slides on/off draw stud: The fastest punch system on the market today.



1 SLIDE
Slide die and punch onto draw stud: “No-thread” design eliminates cross-threading.



2 SECURE
Secure SPEED LOCK onto draw stud: Faster setup and disassembly.



3 PUNCH
Punch hole: Save time and money with every punch!

Mild Steel SPEED PUNCH® Knockout System



See below for kit contents

- Available in 1/2" to 4" conduit sizes
- Punch up to 10 gauge (3.5 mm) mild steel, aluminum, fiberglass, and plastic
- Use with hydraulic and battery-powered drivers
- Knockouts Made in the USA



Stainless Steel SPEED PUNCH® Knockout System



See page 68 for kit contents

- Available in 1/2" to 2" conduit sizes
- Punch up to 10 gauge (3.5 mm) stainless and mild steel
- Use with hydraulic and battery-powered drivers
- Knockouts Made in the USA



Oiltight SPEED PUNCH® Knockout System



See page 69 for kit contents

- Available in 22mm & 30mm notched hole sizes
- Punch up to 12 gauge (2.5 mm) mild steel, aluminum, fiberglass, and plastic
- Use with hydraulic and battery-powered drivers
- Knockouts Made in the USA



Metric ISO-16 to ISO-63 SPEED PUNCH® Knockout System



See page 69 for kit contents

- Available in 22mm & 30mm notched hole sizes
- Punch up to 12 gauge (2.5 mm) mild steel, aluminum, fiberglass and plastic
- Use with hydraulic and battery-powered drivers
- Knockouts Made in the USA



SPEED PUNCH® Knockout Kits for Mild Steel

NEW PRODUCT



LS100L11SB4SP

- Available in 1/2" to 4" conduit sizes
- Punch up to 10 gauge (3.5mm) mild steel
- Use with manual-hydraulic and battery-hydraulic knockout drivers
- Knockouts Made in the USA



CAT. NO.	UPC NO.	DESCRIPTION
N LS100L11SB4SP	03143	LS100/SPEED PUNCH® Kit, Mild Steel, 1/2" to 4"
N LS100L11SBSP	03384	LS100/SPEED PUNCH® Kit, Mild Steel, 1/2" to 2"
LS50L11SBSP	02257	LS50/SPEED PUNCH® Kit, Mild Steel, 1/2" to 2"
7310SBSP	01716	Hydraulic SPEED PUNCH® Kit, Mild Steel, 1/2" to 4"
7304SP	01715	SPEED PUNCH® Set, Mild Steel, 2-1/2" to 4"
7908SBSP	02258	Quick Draw SPEED PUNCH® Kit, Mild Steel, 1/2" to 2"
7907SBSP	02259	SPEED PUNCH® Set, Mild Steel, 1/2" to 2"

SPEED PUNCH® Knockout Kits with Battery-Hydraulic Driver for Mild Steel - Parts List

CAT. NO.	UPC NO.	DESCRIPTION	CONDUIT & PIPE SIZE	HOLE SIZE		LS100L11SB4SP	LS100L11SBSP	LS50L11SBSP
				ACTUAL				
				Ø INCH	Ø MM			
7212SP-1/2P	01652	Punch, 1/2", SPEED PUNCH	1/2"	0.885	22.5	✓	✓	✓
7212SP-1/2D	01653	Die, 1/2", SPEED PUNCH				✓	✓	✓
7212SP-3/4P	00952	Punch, 3/4", SPEED PUNCH	3/4"	1.1155	28.3	✓	✓	✓
7212SP-3/4D	09279	Die, 3/4", SPEED PUNCH				✓	✓	✓
7212SP-1-7/32P	01658	Punch, 1-7/32", SPEED PUNCH	-	1.2105	30.5			
7212SP-1-7/32D	01660	Die, 1-7/32", SPEED PUNCH						
7212SP-1P	00953	Punch, 1", SPEED PUNCH	1"	1.3625	34.6	✓	✓	✓
7212SP-1D	09280	Die, 1", SPEED PUNCH				✓	✓	✓
7212SP-1-1/4P	00955	Punch, 1-1/4", SPEED PUNCH	1-1/4"	1.7015	43.2	✓	✓	✓
7212SP-1-1/4D	09281	Die, 1-1/4", SPEED PUNCH				✓	✓	✓
7212SP-1-1/2P	09282	Punch, 1-1/2", SPEED PUNCH	1-1/2"	1.9515	49.6	✓	✓	✓
7212SP-1-1/2D	00956	Die, 1-1/2", SPEED PUNCH				✓	✓	✓
7212SP-2P	09283	Punch, 2", SPEED PUNCH	2"	2.4165	61.5	✓	✓	✓
7212SP-2D	00957	Die, 2", SPEED PUNCH				✓	✓	✓
7212SP-2-1/2P	01629	Punch, 2-1/2", SPEED PUNCH	2-1/2"	2.9145	74.0	✓		
7212SP-2-1/2D	01642	Die, 2-1/2", SPEED PUNCH				✓		
7212SP-3P	01644	Punch, 3", SPEED PUNCH	3"	3.5395	89.9	✓		
7212SP-3D	01645	Die, 3", SPEED PUNCH				✓		
7212SP-3-1/2P	01646	Punch, 3-1/2", SPEED PUNCH	3-1/2"	4.0115	102.7	✓		
7212SP-3-1/2D	01647	Die, 3-1/2", SPEED PUNCH				✓		
7212SP-4P	01650	Punch, 4", SPEED PUNCH	4"	4.5445	115.4	✓		
7212SP-4D	01651	Die, 4", SPEED PUNCH				✓		
7212SP11	10002	Draw Stud, SPEED PUNCH 3/4" x 4.77"						✓
7212SP12	00979	Draw Stud, SPEED PUNCH 3/4" x 5.64"				✓	✓	
7212SP13	01654	Draw Stud, SPEED PUNCH 3/8" x 4.70"				✓	✓	
7212SP14	01655	Draw Stud, SPEED PUNCH 3/8" x 3.83"						✓
SP-LOCK	09277	Speed Lock, 3/4"				✓	✓	✓
SP-LOCK2	01657	Speed Lock, 3/8"				✓	✓	✓
7212AA1	03374	Sleeve Adapter, 746						
7212AA2	03367	Sleeve Adapter, LS Tools				2		
34403	34403	Step Bit, 7/8"				✓	✓	✓
LS100LB	LS100LB	LS100 tool only (includes case)				✓	✓	
LS50LB	LS50LB	LS50 tool only (includes case)						✓
746	17091	Hydraulic Ram						
06302	06302	High Pressure Hose - 1/4" x 3'						
767	17091	Hydraulic Hand Pump						
33786	33786	QuickDraw Driver, Right Angle						
52176	52176	18V 3.0Ah Li-ion Battery				2	2	
52177	52177	18V 1.5Ah Li-ion Battery						2
52177	52177	120V Charger				✓	✓	✓
KK100LFLEX		Case for LS100 kits				✓	✓	
KK50LFLEX		Case for LS50 kits						✓

For more details on Greenlee's new LS100 and LS50 Knockout Drivers and Kits please refer to page 65

SPEED PUNCH® Knockout Kits with Manual-Hydraulic Driver for Mild Steel - Parts List

CAT. NO.	UPC NO.	DESCRIPTION	CONDUIT & PIPE SIZE	HOLE SIZE		7310SBSP	7304SP	7908SBSP
				ACTUAL				
				Ø INCH	Ø MM			
7212SP-1/2P	01652	Punch, 1/2", SPEED PUNCH	1/2"	0.885	22.5	✓		✓
7212SP-1/2D	01653	Die, 1/2", SPEED PUNCH				✓		✓
7212SP-3/4P	00952	Punch, 3/4", SPEED PUNCH	3/4"	1.1155	28.3	✓		✓
7212SP-3/4D	09279	Die, 3/4", SPEED PUNCH				✓		✓
7212SP-1-7/32P	01658	Punch, 1-7/32", SPEED PUNCH	-	1.2105	30.5			
7212SP-1-7/32D	01660	Die, 1-7/32", SPEED PUNCH						
7212SP-1P	00953	Punch, 1", SPEED PUNCH	1"	1.3625	34.6	✓		✓
7212SP-1D	09280	Die, 1", SPEED PUNCH				✓		✓
7212SP-1-1/4P	00955	Punch, 1-1/4", SPEED PUNCH	1-1/4"	1.7015	43.2	✓		✓
7212SP-1-1/4D	09281	Die, 1-1/4", SPEED PUNCH				✓		✓
7212SP-1-1/2P	09282	Punch, 1-1/2", SPEED PUNCH	1-1/2"	1.9515	49.6	✓		✓
7212SP-1-1/2D	00956	Die, 1-1/2", SPEED PUNCH				✓		✓
7212SP-2P	09283	Punch, 2", SPEED PUNCH	2"	2.4165	61.5	✓		✓
7212SP-2D	00957	Die, 2", SPEED PUNCH				✓		✓
7212SP-2-1/2P	01629	Punch, 2-1/2", SPEED PUNCH	2-1/2"	2.9145	74.0	✓	✓	
7212SP-2-1/2D	01642	Die, 2-1/2", SPEED PUNCH				✓	✓	
7212SP-3P	01644	Punch, 3", SPEED PUNCH	3"	3.5395	89.9	✓	✓	
7212SP-3D	01645	Die, 3", SPEED PUNCH				✓	✓	
7212SP-3-1/2P	01646	Punch, 3-1/2", SPEED PUNCH	3-1/2"	4.0115	102.7	✓	✓	
7212SP-3-1/2D	01647	Die, 3-1/2", SPEED PUNCH				✓	✓	
7212SP-4P	01650	Punch, 4", SPEED PUNCH	4"	4.5445	115.4	✓	✓	
7212SP-4D	01651	Die, 4", SPEED PUNCH				✓	✓	
7212SP11	10002	Draw Stud, SPEED PUNCH 3/4" x 4.77"					✓	✓
7212SP12	00979	Draw Stud, SPEED PUNCH 3/4" x 5.64"				✓	✓	
7212SP13	01654	Draw Stud, SPEED PUNCH 3/8" x 4.70"				✓		
7212SP14	01655	Draw Stud, SPEED PUNCH 3/8" x 3.83"						✓
SP-LOCK	09277	Speed Lock, 3/4"				✓	✓	✓
SP-LOCK2	01657	Speed Lock, 3/8"				✓		✓
7212AA1	03374	Sleeve Adapter, 746				2	2	
7212AA2	03367	Sleeve Adapter, LS Tools					2	
34403	34403	Step Bit, 7/8"				✓		✓
746	17091	Hydraulic Ram				✓		
06302	06302	High Pressure Hose - 1/4" x 3'				✓		
767	13284	Hydraulic Hand Pump				✓		
33786	33786	QuickDraw Driver, Right Angle						✓
05387	05387	Case for 7310 Sets				✓		
02868	02868	Case for 7908SBSP						✓

For more details on Greenlee's new LS100 and LS50 Knockout Drivers and Kits please refer to page 65

SPEED PUNCH® Knockout Kit for Stainless Steel

**NEW
PRODUCT**



LS100L1SSSP

- Available in 1/2" to 2" conduit sizes
- Punch up to 10 gauge (3.5mm) stainless and mild steel
- Use with manual-hydraulic and battery-hydraulic knockout drivers
- Knockouts Made in the USA



CAT. NO.	UPC NO.	DESCRIPTION
N LS100L1SSSP	03148	LS100/SPEED PUNCH Kit, Stainless Steel, 1/2" - 2"
7307SP	01720	SPEED PUNCH Set, Stainless Steel, 1/2" - 2"



7307SP

SPEED PUNCH® Knockout Kits for Stainless Steel - Parts List

CAT. NO	UPC NO.	DESCRIPTION	CONDUIT & PIPE SIZE	HOLE SIZE		LS100L1SSSP	7307SP
				ACTUAL			
				Ø INCH	Ø MM		
745SP-1/2P	01661	SPEED PUNCH Punch, SS, 1/2"	1/2"	0.885	22.5	✓	✓
745SP-1/2D	01662	SPEED PUNCH Die, SS, 1/2"				✓	✓
745SP-3/4P	01663	SPEED PUNCH Punch, SS, 3/4"	3/4"	1.115	28.3	✓	✓
745SP-3/4D	01665	SPEED PUNCH Die, SS, 3/4"				✓	✓
745SP-1-7/32P	01667	SPEED PUNCH Punch, SS, 1-7/32"	-	1.210	30.5	✓	✓
745SP-1-7/32D	01668	SPEED PUNCH Die, SS, 1-7/32"				✓	✓
745SP-1P	01669	SPEED PUNCH Punch, SS, 1"	1"	1.362	34.6	✓	✓
745SP-1D	01670	SPEED PUNCH Die, SS, 1"				✓	✓
745SP-1-1/4P	01671	SPEED PUNCH Punch, SS, 1-1/4"	1-1/4"	1.701	43.2	✓	✓
745SP-1-1/4D	01672	SPEED PUNCH Die, SS, 1-1/4"				✓	✓
745SP-1-1/2P	02531	SPEED PUNCH Punch, SS, 1-1/2"	1-1/2"	1.951	49.6	✓	✓
745SP-1-1/2D	01678	SPEED PUNCH Die, SS, 1-1/2"				✓	✓
745SP-2P	01679	SPEED PUNCH Punch, SS, 2"	2"	2.416	61.5	✓	✓
745SP-2D	01681	SPEED PUNCH Die, SS, 2"				✓	✓
7212SP21	01682	Draw Stud, SPEED PUNCH 3/4" x 5.84"				✓	
7212SP22	01683	Draw Stud, SPEED PUNCH 3/8" x 4.70"				✓	
7212SP23	01724	Draw Stud, SPEED PUNCH 3/4" x 5.02"					✓
7212SP24	02276	Draw Stud, SPEED PUNCH 3/8" x 3.83"					✓
SP-LOCK	09277	Speed Lock, 3/4"				✓	✓
SP-LOCK2	01657	Speed Lock, 3/8"				✓	✓
LS100LB	LS100LB	LS100 Tool only (includes case)				✓	
52176	52176	Battery, 18V 3.0Ah Li-Ion				✓	
52178	52178	120V Charger				✓	
KK100LFLEX		Case for LS100 Kits				✓	

For more details on Greenlee's new LS100 and LS50 Knockout Drivers and Kits please refer to page 65

SPEED PUNCH® Knockout Set - Oiltight Punches with Notches



- Pushbutton knockouts
- Available in 22.5mm & 30.5mm notched hole sizes
- Punch up to 12 gauge (2.5mm) mild steel, aluminum, fiberglass and plastic
- Use with manual-hydraulic and battery-hydraulic knockout drivers
- Oiltight SPEED PUNCH® units include punch, die, draw stud and speed lock

CAT. NO.	UPC NO.	DESCRIPTION
7212SP-PB22U	02260	Oiltight Punch Unit, 22.5mm, SPEED PUNCH
7212SP-PB30U	02263	Oiltight Punch Unit, 30.5mm, SPEED PUNCH

KEY	CAT. NO.	UPC NO.	DESCRIPTION	7212SP-PB22U	7212SP-PB30U
A	7212SP-PB22P	01705	Oiltight Punch, 22.5mm, SPEED PUNCH	✓	
B	7212SP-PB22D	60250	Oiltight Die, 22.5mm, SPEED PUNCH	✓	
C	7212SP-PB30P	01709	Oiltight Punch, 30.5mm, SPEED PUNCH		✓
D	7212SP-PB30D	60249	Oiltight Die, 30.5mm, SPEED PUNCH		✓
-	7212SP31	01712	Oiltight Draw Stud for LS100 or 746 driver		
-	7212SP32	02261	Oiltight Draw Stud for LS50 or Quick Draw driver	✓	✓
E	SP-LOCK2	01657	Speed Lock Assembly (3/8)	✓	✓

SPEED PUNCH® Knockout Set - METRIC



- Pushbutton knockouts
- Available in 22.5mm & 30.5mm notched hole sizes
- Punch up to 12 gauge (2.5mm) mild steel, aluminum, fiberglass and plastic
- Use with manual-hydraulic and battery-hydraulic knockout drivers
- Oiltight SPEED PUNCH® units include punch, die, draw stud and speed lock

CAT. NO.	UPC NO.	DESCRIPTION
7217SBSPP	01723	SPEED PUNCH® Set, Metric, ISO-16 to ISO-40

CAT. NO.	UPC NO.	DESCRIPTION	7217SBSPP
7212SP-M16P	01684	Punch, ISO-16, SPEED PUNCH	✓
7212SP-M16D	01685	Die, ISO-16, SPEED PUNCH	✓
7212SP-M20P	01687	Punch, ISO-20, SPEED PUNCH	✓
7212SP-M20D	01688	Die, ISO-20, SPEED PUNCH	✓
7212SP-M25P	01689	Punch, ISO-25, SPEED PUNCH	✓
7212SP-M25D	01690	Die, ISO-25, SPEED PUNCH	✓
7212SP-M32P	01691	Punch, ISO-32, SPEED PUNCH	✓
7212SP-M32D	01692	Die, ISO-32, SPEED PUNCH	✓
7212SP-M40P	01693	Punch, ISO-40, SPEED PUNCH	✓
7212SP-M40D	01694	Die, ISO-40, SPEED PUNCH	✓
7212SP-M50P	01697	Punch, ISO-50, SPEED PUNCH	
7212SP-M50D	01701	Die, ISO-50, SPEED PUNCH	
7212SP-M63P	01703	Punch, ISO-63, SPEED PUNCH	
7212SP-M63D	01704	Die, ISO-63, SPEED PUNCH	
7212SP11	10002	Draw Stud, SPEED PUNCH 3/4" x 4.77"	✓
7212SP14	01655	Draw Stud, SPEED PUNCH 3/8" x 3.83"	✓
SP-LOCK	09277	Speed Lock, 3/4"	✓
SP-LOCK2	01657	Speed Lock, 3/8"	✓

SLUG SPLITTER® SC KNOCKOUT KITS

Slug Splitter® SC Ram and Hand Pump Hydraulic Driver Punch Kits

Designed for stainless steel applications



7506 Punch Kit

All Kits Feature:

- Slug Splitter® SC (Self Centering) knockout punches with capacities up through 10 gauge (3.5 mm) stainless steel, refer to individual punch capacity ratings
- Self-centering punch aligns itself on pilot hole
- No need to draw crosshairs or line up die alignment marks

7506 Kit Features

- Fast, easy and simple to operate
- Compact design makes this a perfect choice for use on construction sites and maintenance jobs
- Will also drive 751 Cable Cutter head
- Powerful 11-ton hydraulic ram
- 3-foot hose

SPECIFICATIONS

Operation 7307/29528 - Quick Draw®, Quick Draw 90® and Quick Draw® Flex Hydraulic Drivers, Battery-Powered Drivers, 7646 and 7625 Ram-Type Drivers.
 744/29619 - Quick Draw®, Quick Draw 90® and Quick Draw® Flex Hydraulic Drivers, Battery-Powered Drivers, 7646 and 7625 Ram-Type Drivers.
 7506/30385 - Hydraulic Ram and Hand Pump included.



7308 Punch Kit
(driver not included)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
744	29619	1/2" through 1-1/4" Conduit Size Slug Splitter® SC Knockout Punch Kit	5	2.3
7307	29528	1/2" through 2" Conduit Size Slug Splitter® SC Knockout Punch Kit	10.4	4.7
7308	00617	2-1/2" through 4" Conduit Size Slug Splitter® SC Knockout Punch Kit	17.1	7.8
7506	30385	1/2" through 2" Conduit Size Slug Splitter® SC Knockout Punch Kit with Hydraulic Ram and Hand Pump	32	14.5

NOTE: See Slug Splitter® SC knockout punch units on pages 71-72 for list of individual punches, dies and draw studs.



7307 Punch Kit
(driver not included)



744 Punch Kit
(driver not included)

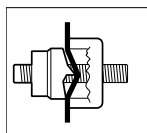
CAT. NO.	UPC NO.	DESCRIPTION	CONDUIT & PIPE SIZE	HOLE SIZE		CAPACITY		KIT CAT.				
				ACTUAL		STAINLESS STEEL		744	7307	7506	7308	
				Ø INCH	Ø MM	GA	MM					
28154	28154	1/2" Conduit Size Punch	1/2"	7/8	.885	22.5	10	3.5	✓	✓	✓	
28155	28155	1/2" Conduit Size Die								✓	✓	
28156	28156	3/4" Conduit Size Punch	3/4"	—	1.115	28.3	10	3.5	✓	✓	✓	
28157	28157	3/4" Conduit Size Die							✓	✓	✓	
36490	36490	1-7/32" Punch Oiltight	—	1-7/32	1.210	30.5	10	3.5		✓		
36489	36489	1-7/32" Die Oiltight								✓		
28158	28158	1" Conduit Size Punch	1"	1-11/32	1.362	34.6	10	3.5	✓	✓	✓	
28159	28159	1" Conduit Size Die							✓	✓	✓	
28160	28160	1-1/4" Conduit Size Punch	1-1/4"	1-11/16	1.701	43.2	10	3.5	✓	✓	✓	
28161	28161	1-1/4" Conduit Size Die							✓	✓	✓	
28162	28162	1-1/2" Conduit Size Punch	1-1/2"	1-15/16	1.951	49.6	10	3.5		✓	✓	
28163	28163	1-1/2" Conduit Size Die								✓	✓	
28165	28165	2" Conduit Size Punch	2"	2-3/8	2.416	61.5	10	3.5		✓	✓	
28166	28166	2" Conduit Size Die								✓	✓	
00622	00622	2-1/2" Conduit Size Punch	2-1/2"	2-7/8	2.914	74.0	10	3.5				✓
00626	00626	2-1/2" Conduit Size Die										✓
00623	00623	3" Conduit Size Punch	3"	3-1/2	3.539	89.9	10	3.5				✓
00627	00627	3" Conduit Size Die										✓
00624	00624	3-1/2" Conduit Size Punch	3-1/2"	4	4.044	102.7	10	3.5				✓
00629	00629	3-1/2" Conduit Size Die										✓
00625	00625	4" Conduit Size Punch	4"	4-1/2	4.544	115.4	10	3.5				✓
00630	00630	4" Conduit Size Die										✓
29451	29451	7/16" x 4-1/4" Draw Stud							✓	✓	✓	
746SS	30387	Ram (includes 1 each of the following 3 items)										
54167	54167	1/4" Female Coupler									✓	
54168	54168	Dust Plug										
29452	29452	3/4" x 5-1/2" Draw Stud							✓	✓	✓	✓
15908	15908	Spacer Group (includes 1 each of the following 3 items)									✓	
1924AA	03248	Spacer-Short									✓	
1925AA	03249	Spacer-Medium									✓	
1926AA	06904	Spacer-Long									✓	
1557SS	00785	Sleeve Adapter, SS										✓
767	13284	Hydraulic Hand Pump									✓	
38316	38316	High Pressure Hose Unit-1/4" x 3' (includes 1 each of the following 3 items)									✓	
54169	54169	1/4" Male Coupler									✓	
54170	54170	Dust Cap									✓	
06302	06302	High Pressure Hose-1/4" x 3'									✓	
29529	29529	Metal Case (7307)								✓		
19193	19193	Metal Case (744)							✓			
31068	31068	Metal Case (7506)									✓	

KNOCKOUTS FOR STAINLESS STEEL

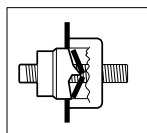
Slug Splitter® SC and Slug Splitter® Knockout Punches



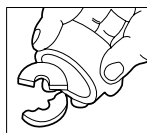
- Slug Splitter® SC heavy-duty punches are designed to punch up through 10 gauge (3.5 mm) stainless steel
- Unique slug-splitting design and tool steel construction easily punch 10 gauge (3.5 mm) mild steel and stainless steel
- Self-centering punch aligns itself on pilot hole (Slug Splitter® SC)
- No 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
- Patent Pending for Self-centering Slug Splitter® SC



Unique Slug Splitter® SC punch design creates 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.



746 Ram shown with 745M-1-1/2

Slug Splitter® SC and Slug Splitter® Knockout Punches

CAT. NO	UPC NO.	CONDUIT SIZE	HOLE SIZE									
			ACTUAL			CAPACITY			PUNCH	DIE	DRAW STUD	SLEEVE
			Ø (INCH)	Ø (MM)	ISO	GA.	(MM)					
745M-16.2	12324		0.638	16.2	16	12	2.5	04599	04598	29451	-	
-	-		0.732	18.6		12	2.5	31119	31128	29451	-	
745M-20.4	12326		0.803	20.4	20	12	2.5	31120	31129	29451	-	
745H-1/2 *	29560	1/2"	0.885	22.5		10	3.5	28154 *	28155	29451	-	
745M-25.4	12317		1.000	25.4	25	10	3.5	04602	04601	29451	-	
745H-3/4 *	12318	3/4"	1.115	28.3		10	3.5	28156 *	28157	29452	-	
740H-1-7/32 *	29563		1.210	30.5		10	3.5	36490 *	36489	29452	-	
745M-32.5	12327		1.280	32.5	32	10	3.5	04605	04603	29452	-	
745H-1 *	12319	1"	1.362	34.6		10	3.5	28158 *	28159	29452	-	
-	-		1.457	37.0		10	3.5	31122	31135	29452	-	
745M-40.5	12329		1.595	40.5	40	10	3.5	04608	04607	29452	-	
745H-1-1/4 *	12320	1-1/4"	1.701	43.2		10	3.5	28160 *	28161	29452	-	
-	-		1.850	47.0		10	3.5	31123	31131	29452	-	
745H-1-1/2 *	12321	1-1/2"	1.951	49.6		10	3.5	28162 *	28163	29452	-	
745M-50.8	12331		2.000	50.8	50	10	3.5	04611	04609	29452	-	
-	-		2.125	54.0		10	3.5	31124	31132	29452	-	
-	-		2.362	60.0		10	3.5	31125	31133	29452	-	
745H-2 *	12322	2"	2.416	61.5		10	3.5	28165 *	28166	29452	-	
745M-64	12334		2.520	64.0	63	10	3.5	04614	04613	29452	-	
745H-2-1/2	00618	2-1/2"	2.914	74.0		10	3.5	00622	00626	29452	-	
745H-3	00619	3"	3.539	89.9		10	3.5	00623	00627	29452	-	
745H-3-1/2	00620	3-1/2"	4.011	102.7		10	3.5	00624	00629	29452	1557SS	
745H-4	00621	4"	4.544	115.4		10	3.5	00625	00630	29452	1557SS	

*Self-Centering Punch Design

SLUG-BUSTER® HYDRAULIC KNOCKOUT KITS

Slug-Buster® Ram and Hand Pump Kits (Inch and Metric)

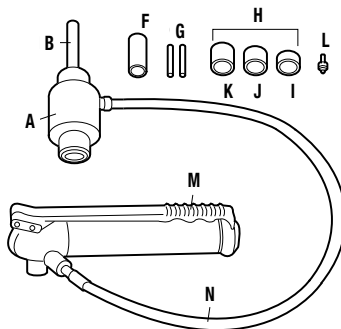


- Fast, easy and simple to operate
- Compact design for field use on construction sites and maintenance jobs
- Punches 10 times faster than wrench method
- Will also drive 751 Cable Cutter head
- Can be used with most standard round Slug-Buster® and Slug Splitter® SC punches (except 1/2", 9/16", 5/8")
- Can be used with non-round punches (adapter may be required)
- 3-foot hose
- Powerful 11-ton hydraulic ram

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
7646	15906	Driver with Hand Pump, Draw Studs, Spacer and Plastic Case	20	9.1
7306SB	34360	Driver, Hand Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	24	10.9
7310SB	34361	Driver, Hand Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" and 2-1/2" through 4" Standard Conduit Size Punches, Dies and Draw Studs, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	54	24.5
7646PG-SB	32799	Metric – Driver, Slug-Buster® Pg Punches, Dies and Draw Studs for 15.2 mm through 60.0 mm, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	24	10.9
38520	38520	Driver, Hand Pump, Slug-Buster® Punches and Draw Studs for 1/2" through 3" and 4" Conduit, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	48	21.8

See Accessories Usage Chart on page 102

RAM AND HAND PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION



KEY	CAT. NO.	UPC NO.	DESCRIPTION
R	A	746	17091 Ram (includes Item B)
R	B	2113B	10109 Draw Stud-3/4" x 5 3/8"
R	F	1557AA	03170 Punch Sleeve
R	G	20963	20963 Draw Stud-3/8" x 4.8"
R	H	15908	15908 Spacer Group (includes Items I, J and K)
R	I	1924AA	03248 Spacer-Short
R	J	1925AA	03249 Spacer-Medium
R	K	1926AA	06904 Spacer-Long
R	L	34410	34410 Kwik Stepper® Step Bit 1/2"
R	M	767	13284 Hydraulic Hand Pump
R	N	06302	06302 High Pressure Hose-1/4" x 3'

Slug-Buster® Ram and Hand Pump Kits Parts List

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE				KIT CAT./UPC NO.				
			CONDUIT & PIPE SIZE	ACTUAL		7646/15906	7306SB/34360	7310SB/34361	7646PGSB/32799	38520	
				Ø INCH	Ø MM						
721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch					✓	✓	✓	✓	
14722	14722	1/2" Conduit Size Die	1/2"	7/8	0.885	22.5		✓	✓	✓	
721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch					✓	✓		✓	
124AV	06972	3/4" Conduit Size Die	3/4"	1-1/8	1.115	28.3		✓	✓	✓	
721-1	31758	1" Conduit Size Slug-Buster® Punch					✓	✓		✓	
126AV	04011	1" Conduit Size Die	1"	1-3/8	1.362	34.6		✓	✓	✓	
721-1-1/4	31759	1-1/4" Conduit Size Slug-Buster® Punch					✓	✓		✓	
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					✓	✓		✓	
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					✓	✓		✓	
442AV	04063	2" Conduit Size Die	2"	2-3/8	2.416	61.5		✓	✓	✓	
1429AV	04175	2-1/2" Conduit Size Punch						✓		✓	
1430AV	04177	2-1/2" Conduit Size Die	2-1/2"	2-7/8	2.914	74.0		✓		✓	
1431AV	04180	3" Conduit Size Punch						✓		✓	
1432AV	04183	3" Conduit Size Die	3"	3-1/2	3.539	89.9		✓		✓	
2982AV	04653	3-1/2" Conduit Size Punch						✓			
2981AV	04652	3-1/2" Conduit Size Die	3-1/2"	4	4.044	102.7		✓			
2984AV	04655	4" Conduit Size Punch						✓		✓	
2983AV	04654	4" Conduit Size Die	4"	4-1/2	4.544	115.4		✓		✓	
31969	31969	Pg-9 Slug-Buster® Punch	—	—	0.598	15.2			✓		
32002	32002	Pg-9 Die	—	—					✓		
31970	31970	Pg-11 Slug-Buster® Punch	—	—	0.732	18.6			✓		
32003	32003	Pg-11 Die	—	—					✓		
31971	31971	Pg-13 Slug-Buster® Punch	—	—	0.803	20.4			✓		
32004	32004	Pg-13 Die	—	—					✓		
31973	31973	Pg-21 Slug-Buster® Punch							✓		
32006	32006	Pg-21 Die	3/4"	—	1.115	28.3			✓		
36284	36284	Slug-Buster® Punch	—						✓		
36279	36279	Die	—	1-7/32	1.210	30.5			✓		
31975	31975	Pg-29 Slug-Buster® Punch	—	—	1.457	37.0			✓		
32008	32008	Pg-29 Die	—	—					✓		
31976	31976	Pg-36 Slug-Buster® Punch	—	—	1.850	47.0			✓		
32009	32009	Pg-36 Die	—	—					✓		
31978	31978	Pg-48 Slug-Buster® Punch	—	—	2.362	60.0			✓		
32011	32011	Pg-48 Die	—	—					✓		
746	17091	Ram (includes following item)					✓	✓	✓	✓	
2113B	10109	Draw Stud-3/4" x 5 3/8"					✓	✓	✓	✓	
1557AA	03170	Punch Sleeve					✓	✓	✓	✓	
20963	20963	Draw stud-3/8" x 4.8"					✓	✓	✓	✓	
15908	15908	Spacer Group (includes 1 ea. of following 3 items)					✓	✓	✓	✓	
1924AA	03248	Spacer-Short					✓	✓	✓	✓	
1925AA	03249	Spacer-Medium					✓	✓	✓	✓	
1926AA	06904	Spacer-Long					✓	✓	✓	✓	
34410	34410	Kwik Stepper® Step Bit 1/2"					✓	✓	✓	✓	
767	13284	Hydraulic Hand Pump					✓	✓	✓	✓	
06302	06302	High Pressure Hose – 1/4" x 3'					✓	✓	✓		
30206	30206	Plastic Case					✓	✓	✓		
05387	05387	Plastic Case							✓	✓	

PUNCHES AND DIES

DRAW STUDS AND MISC.

Slug-Buster® Ram and Foot Pump Hydraulic Driver Kits



- Foot operation frees both hands to position punch
- Punches 10 times faster than wrench method
- Will also drive 751 Cable Cutter head
- Powerful 11-ton hydraulic ram
- Can be used with most standard round, Slug-Buster® and Slug Splitter® SC punch sizes. (except 1/2", 9/16" 5/8")
- Can be used with non-round punches (adapter may be required)

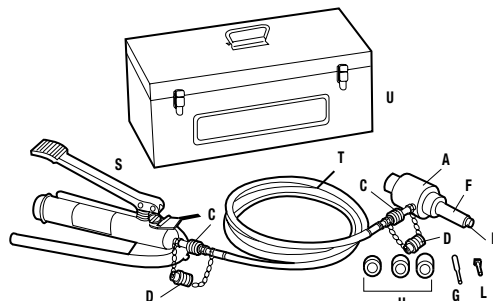
CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
7625	25097	Driver, Foot Pump, Steel Case	37	17
7606SB	07173	Driver, Foot Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Steel Case	42	19
7610SB	07174	Driver, Foot Pump, Slug-Buster® Punches, Dies & Draw Studs for 1/2" through 2" Conduit, Slug-Buster® Punches and 2 1/2" through 4" Conduit Standard Round Punches	60	27

See Accessories Usage Chart on page 102

Ram and Foot Pump Kits Parts List

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE				KIT CAT./UPC NO.		
			CONDUIT & PIPE SIZE	ACTUAL		7625/ 25097	7606SB/ 07173	7610SB/ 07174	
				Ø INCH	Ø MM				
PUNCHES AND DIES	721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5	✓	✓
	14722	14722	1/2" Conduit Size Die					✓	✓
	721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch	3/4"	1-1/8	1.115	28.3	✓	✓
	124AV	06972	3/4" Conduit Size Die					✓	✓
	721-1	31758	1" Conduit Size Slug-Buster® Punch	1"	1-3/8	1.362	34.6	✓	✓
	126AV	04011	1" Conduit Size Die					✓	✓
	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					✓	✓
	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					✓	✓
	721-2	31761	2" Conduit Size Slug-Buster® Punch	2"	2-3/8	2.416	61.5	✓	✓
	442AV	04063	2" Conduit Size Die					✓	✓
	1429AV	04175	2-1/2" Conduit Size Punch	2-1/2"	2-7/8	2.914	74.0	✓	✓
	1430AV	04177	2-1/2" Conduit Size Die					✓	✓
	1431AV	04180	3" Conduit Size Punch	3"	3-1/2	3.539	89.9	✓	✓
	1432AV	04183	3" Conduit Size Die					✓	✓
	2982AV	04653	3-1/2" Conduit Size Punch	3-1/2"	4	4.044	102.7	✓	✓
	2981AV	04652	3-1/2" Conduit Size Die					✓	✓
	2984AV	04655	4" Conduit Size Punch	4"	4-1/2	4.544	115.4	✓	✓
	2983AV	04654	4" Conduit Size Die					✓	✓
DRAW STUDS AND MISC.	746	17091	(A) Ram (includes 1 ea. of items B, C, and D)	✓	✓	✓	✓	✓	
	2113B	10109	(B) Draw Stud-3/4" x 5 3/8"	✓	✓	✓	✓	✓	
	54167	54167	(C) Female Coupler-1/4"	✓	✓	✓	✓	✓	
	54168	54168	(D) Dust Plug	✓	✓	✓	✓	✓	
	1557AA	03170	(F) Punch Sleeve	✓	✓	✓	✓	✓	
	20963	20963	(G) Draw stud-3/8" x 4.8"	✓	✓	✓	✓	✓	
	15908	15908	(H) Spacer Group (includes 1 ea. of items I, J, and K)	✓	✓	✓	✓	✓	
	1924AA	03248	(I) Spacer-Short	✓	✓	✓	✓	✓	
	1925AA	03249	(J) Spacer-Medium	✓	✓	✓	✓	✓	
	1926AA	06904	(K) Spacer-Long	✓	✓	✓	✓	✓	
	34410	34410	(L) Kwik Stepper® Step Bit 1/2"	✓	✓	✓	✓	✓	
	1725	31353	(S) Hydraulic Foot Pump (includes 1 ea. – 54167 female coupler and 54168 dust plug)	✓	✓	✓	✓	✓	
	37729	37729	(T) High Pressure Hose Unit – 1/4" x 10'; filled with hydraulic oil; (includes the following 2 items)	✓	✓	✓	✓	✓	
	54169	54169	Couplers	2	2	2	2	2	
	54170	54170	Dust Caps	2	2	2	2	2	
23955	23955	(U) Steel case	✓	✓	✓	✓	✓		
25094	25094	Tray	✓	✓	✓	✓	✓		

RAM AND FOOT PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION
(Match letters above to drawing.)



Quick Draw® Hydraulic Punch Driver and Kits

7706SB
Flex Driver Kit



7806SB
Quick Draw® Kit



7906SB
Quick Draw 90° Kit



The Quick Draw®, Quick Draw 90®, and Quick Draw® Flex feature:

- Compact, lightweight design for portability and fast, easy one-person operation
- Develops 8 tons of hydraulic force for easy punching, even in 10-gauge stainless steel, depending on individual punch capacities
- Quick Draw® is perfect for fast, straight-on front panel punching
- Quick Draw 90®'s right angle driver head rotates over 180 degrees for maximum flexibility in tight working areas
- Quick Draw® Flex allows unlimited driver orientation to simplify access to work area
- Can be used with non-round punches within the capacity of the tool (adapter may be required)
- U.S. Patent #6,772,521
- Knockouts Made in the USA



CAT. NO.	UPC NO.	DESCRIPTION
7704SB	10475	Quick Draw® Flex Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7706SB	10476	Standard – Quick Draw® Flex Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7804SB	34292	Quick Draw® Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7806SB	34293	Standard – Quick Draw® Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7804E	34291	Metric – Quick Draw® Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7804ESB	35611	Metric – Quick Draw® Driver, Slug-Buster® Pg Punches and Dies 15.2 mm through 30.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7804ISO	35614	Metric – Quick Draw® Driver, Slug-Buster® ISO Punches and Dies 16.2 mm through 40.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7904SB	33794	Quick Draw 90° Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7906SB	34300	Quick Draw 90° Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies, Draw Studs, 1 Adapter, 1 Spacer and Case
7904E	34299	Metric – Quick Draw 90° Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7904ESB	35615	Metric – Quick Draw 90° Driver, Slug-Buster® Pg Punches and Dies 15.2 mm through 30.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
7904ISO	35616	Metric – Quick Draw 90° Driver, Slug-Buster® ISO Punches and Dies 16.2 mm through 40.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
 34983	34983	Plastic Case

See Accessories Usage Chart on page 102

SLUG-BUSTER® KNOCKOUTS

Slug-Buster® Knockout Kit with Ratchet Wrench



7238SB

- 1" Hex Ratchet Wrench allows use with both 3/8" (9.5 mm) and 3/4" (19.1 mm) draw studs
- High-impact, rugged plastic carrying case
- Knockouts Made in the USA



CAPACITY

MILD STEEL WEIGHT

CAT NO.	UPC NO.	DESCRIPTION	MILD STEEL WEIGHT			
			GA	MM	LBS	KG
7238SB	34757	1/2" – 2" Conduit Size Slug-Buster® Knockout Punch Kit	10	3.5	10	4.54

7238SB/34757 SLUG-BUSTER® KNOCKOUT PUNCH KIT INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	ACTUAL HOLE SIZE		
			Ø INCH	Ø INCH	Ø MM
34941	34941	Ratchet wrench – 1" Hex			
721-1/2	31756	1/2" Conduit Size Punch	7/8	.885	22.5
14722	14722	1/2" Conduit Size Die	7/8	.885	22.5
721-3/4	31757	3/4" Conduit Size Punch	1-1/8	1.115	28.3
124AV	06972	3/4" Conduit Size Die	1-1/8	1.115	28.3
721-1	31758	1" Conduit Size Punch	1-3/8	1.362	34.6
126AV	04011	1" Conduit Size Die	1-3/8	1.362	34.6
721-1-1/4	31759	1-1/4" Conduit Size Punch	1-11/16	1.701	43.2
128AV	04013	1-1/4" Conduit Size Die	1-11/16	1.701	43.2
721-1-1/2	31760	1-1/2" Conduit Size Punch	1-15/16	1.951	49.6
440AV	04061	1-1/2" Conduit Size Die	1-15/16	1.951	49.6
721-2	31761	2" Conduit Size Punch	2-3/8	2.416	61.5
442AV	04063	2" Conduit Size Die	2-3/8	2.416	61.5
00042	00042	Ball Bearing Draw Stud with 1" Hex Head–3/8" x 1-5/8"			
304AVBB	04042	Ball Bearing Draw Stud–3/4" x 2-15/16"			
34758	34758	Plastic Case			

Slug-Buster® Manual Knockout Sets

- Assortment of commonly used Slug-Buster® knockout punches, packaged to meet the contractor's needs
- High-impact, rugged plastic carrying case
- Knockouts Made in the USA



7235BB



CAPACITY

MILD STEEL WEIGHT

CAT NO.	UPC NO.	DESCRIPTION	MILD STEEL WEIGHT			
			GA	MM	LBS	KG
7235BB	32013	1/2" - 1-1/4" Conduit Size Manual Slug-Buster® Knockout Punch Kit	10	3.5	2.7	1.2
7237BB	32014	1-1/2" and 2" Conduit Size Manual Slug-Buster® Knockout Punch Kit	10	3.5	5.2	2.4

7235BB/32013 SLUG-BUSTER® KNOCKOUT PUNCH SET INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE ACTUAL		
			Ø INCH	Ø MM	
721-1/2	31756	1/2" Conduit Size Punch	7/8	.885	22.5
14722	14722	1/2" Conduit Size Die	7/8	.885	22.5
00042	00042	Draw Stud-3/8" x 1-5/8"	—	—	—
721-3/4	31757	3/4" Conduit Size Punch	—	1.115	28.3
124AV	06972	3/4" Conduit Size Die	—	1.115	28.3
721-1	31758	1" Conduit Size Punch	—	1.362	34.6
126AV	04011	1" Conduit Size Die	—	1.362	34.6
721-1-1/4	31759	1-1/4" Conduit Size Punch	—	1.701	43.2
128AV	04013	1-1/4" Conduit Size Die	—	1.701	43.2
249AVBB	04040	Draw Stud-3/4" x 2-1/8"	—	—	—
31880	31880	Plastic Case	—	—	—

7237BB/32014 SLUG-BUSTER® KNOCKOUT PUNCH SET INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE ACTUAL		
			Ø INCH	Ø MM	
721-1-1/2	31760	1-1/2" Conduit Size Punch	—	1.951	49.6
440AV	04061	1-1/2" Conduit Size Die	—	1.951	49.6
721-2	31761	2" Conduit Size Punch	2-3/8	2.416	61.5
442AV	04063	2" Conduit Size Die	2-3/8	2.416	61.5
304AVBB	04042	Draw Stud-3/4" x 2-15/16"	—	—	—
32012	32012	Plastic Case	—	—	—

7237BB



Slug-Buster® Knockout Kit with Ratchet Wrench - Metric

36690



- 1" (25.4 mm) hex ratchet wrench allows use with both 3/8" (9.5 mm) and 3/4" (19.1 mm) draw studs
- 3/8" (9.7 mm) Kwik Stepper® step bit included
- High-impact, rugged plastic carrying case
- Knockouts Made in the USA



CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
36690	36690	Pg-9 through Pg-21 and 30.5 mm Manual Slug-Buster® Metric Knockout Punch Kit	4.7	2.1
36691	36691	Pg-9 through Pg-48 and 30.5 mm Manual Slug-Buster® Metric Knockout Punch Kit	9	4.1
36692	36692	ISO-16 through ISO-40 Manual Slug-Buster® Metric Knockout Punch Kit	5.6	2.5
36693	36693	ISO-16 through ISO-63 Manual Slug-Buster® Metric Knockout Punch Kit	9	4.1

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE				KIT CAT./UPC NO.			
			ACTUAL		CAPACITY MILD STEEL		36690	36691	36692	36993
			IN.	MM	GA	MM				
31969	31969	Pg-9 Slug-Buster® Punch	—		14	2.0	✓	✓		
32002	32002	Pg-9 Die	—	0.598	15.2	14	2.0	✓	✓	
31970	31970	Pg-11 Slug-Buster® Punch	—		14	2.0	✓	✓		
32003	32003	Pg-11 Die	—	0.732	18.6	14	2.0	✓	✓	
31971	31971	Pg-13 Slug-Buster® Punch	—		14	2.0	✓	✓	✓	✓
32004	32004	Pg-13 Die	—	0.803	20.4	14	2.0	✓	✓	✓
721-1/2	31756	Pg-16 Slug-Buster® Punch	7/8	0.885	22.5	10	3.5	✓	✓	
14722	14722	Pg-16 Die	—		10	3.5	✓	✓		
31973	31973	Pg-21 Slug-Buster® Punch	—		14	2.0	✓	✓		
32006	32006	Pg-21 Die	—	1.115	28.3	14	2.0	✓	✓	
36284	36284	30.5 mm Slug-Buster® Punch	1-7/32	1.210	30.5	14	2.0	✓	✓	
36279	36279	30.5 mm Die	—		14	2.0	✓	✓		
31975	31975	Pg-29 Slug-Buster® Punch	—		10	3.5		✓		
32008	32008	Pg-29 Die	—	1.457	37.0	10	3.5		✓	
31976	31976	Pg-36 Slug-Buster® Punch	—		10	3.5		✓		
32009	32009	Pg-36 Die	—	1.850	47.0	10	3.5		✓	
31978	31978	Pg-48 Slug-Buster® Punch	—		10	3.5		✓		
32011	32011	Pg-48 Die	—	2.362	60.0	10	3.5		✓	
35163	35163	ISO-16 Slug-Buster® Punch	—		14	2.0			✓	✓
35162	35162	ISO-16 Die	—	0.638	16.2	14	2.0		✓	✓
35165	35165	ISO-25 Slug-Buster® Punch	1	1.000	25.4	14	2.0		✓	✓
35164	35164	ISO-25 Die	—		14	2.0			✓	✓
35169	35169	ISO-32 Slug-Buster® Punch	—		10	3.5			✓	✓
35168	35168	ISO-32 Die	—	1.280	32.5	10	3.5		✓	✓
35158	35158	ISO-40 Slug-Buster® Punch	—		10	3.5			✓	✓
35159	35159	ISO-40 Die	—	1.595	40.5	10	3.5		✓	✓
35160	35160	ISO-50 Slug-Buster® Punch	2	2.000	50.8	10	3.5			✓
35161	35161	ISO-50 Die	—		10	3.5				✓
35167	35167	ISO-63 Slug-Buster® Punch	2-1/2	2.500	63.5	10	3.5			✓
35166	35166	ISO-63 Die	—		10	3.5				✓
249AVBB	04040	Draw Stud – 3/4" x 2-1/8"							✓	
304AVBB	04042	Draw Stud – 3/4" x 2-15/16"							✓	✓
36018	36018	Kwik Stepper® Step Bit 9.7mm						✓	✓	✓
34941	34941	Ratchet Wrench – 1" Hex						✓	✓	✓
00042	00042	Ball Bearing Drive Nut with 1" Hex Head, 3/8" x 3"						✓	✓	✓
36685	36685	Plastic Case						✓	✓	✓

Slug-Buster® Knockout Sets



- Packaged in carton for easy insertion into your existing case
- Replacement punch kits for battery-powered, hydraulic and ratchet drivers
- Knockouts Made in the USA

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
7216	32017	1/2" - 2" Conduit Size Knockout Punch and Die Kit	5.5	2.5
7214E	32398	Pg-9 through 30.5 mm Slug-Buster® Pg Punch Kit	1.3	.6
7215E	32803	ISO-16 through ISO-40 Slug-Buster® ISO Punch Kit	5.1	2.3
35617	35617	ISO-16 through ISO-40 Slug-Buster® ISO Punch Kit	1.6	.7
06892	06892	ISO-16 through ISO-63 Slug-Buster® ISO Punch Kit	5.5	2.5

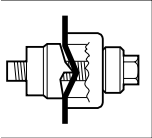
CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE		ACTUAL		CAPACITY MILD STEEL		KIT CAT./UPC NO.				
			CONDUIT & PIPE SIZE	IN.	MM	GA	MM	7216	7214E	7215E	35617	06892	
721-1/2	31756	1/2" Conduit Size Punch	1/2"	7/8	0.885	22.5	10	3.5	✓	✓	✓		
14722	14722	1/2" Conduit Size Die					10	3.5	✓	✓	✓		
721-3/4	31757	3/4" Conduit Size Punch	3/4"	—	1.115	28.3	10	3.5	✓				
124AV	06972	3/4" Conduit Size Die					10	3.5	✓				
721-1	31578	1" Conduit Size Punch	1"	—	1.362	34.6	10	3.5	✓			✓	
126AV	04011	1" Conduit Size Die					10	3.5	✓			✓	
721-1-1/4	31759	1-1/4" Conduit Size Punch	1-1/4"	—	1.701	43.2	10	3.5	✓				
128AV	04013	1-1/4" Conduit Size Die					10	3.5	✓				
721-1-1/2	31760	1-1/2" Conduit Size Punch	1-1/2"	—	1.951	49.6	10	3.5	✓				
440AV	04061	1-1/2" Conduit Size Die					10	3.5	✓				
721-2	31761	2" Conduit Size Punch	2"	2-3/8	2.416	61.5	10	3.5	✓				
442AV	04063	2" Conduit Size Die					10	3.5	✓				
31969	31969	Pg-9 Slug-Buster Punch	—	—	0.598	15.2	14	2.0		✓	✓		
32002	32002	Pg-9 Slug-Buster Die	—	—			14	2.0		✓	✓		
31970	31970	Pg-11 Slug-Buster Punch	—	—	0.732	18.6	14	2.0		✓	✓		
32003	32003	Pg-11 Slug-Buster Die	—	—			14	2.0		✓	✓		
31971	31971	Pg-13 Slug-Buster Punch	—	—	0.803	20.4	14	2.0		✓	✓	✓	✓
32004	32004	Pg-13 Slug-Buster Die	—	—			14	2.0		✓	✓	✓	✓
31973	31973	Pg-21 Slug-Buster Punch	—	—	1.115	28.3	14	2.0		✓	✓		
32006	32006	Pg-21 Slug-Buster Die	—	—			14	2.0		✓	✓		
36284	36284	30.5 mm Punch	—	—	—	—	14	3.5		✓	✓		
36279	36279	30.5 mm Die	—	1-7/32	1.210	30.5	14	3.5		✓	✓		
31975	31975	Pg-29 Slug-Buster Punch	—	—	1.457	37.0	10	3.5			✓		
32008	32008	Pg-29 Slug-Buster Die	—	—			10	3.5			✓		
31976	31976	Pg-36 Slug-Buster Punch	—	—	1.850	47.0	10	3.5			✓		
32009	32009	Pg-36 Slug-Buster Die	—	—			10	3.5			✓		
31978	31978	Pg-48 Slug-Buster Punch	—	—	2.362	60.0	10	3.5			✓		
32011	32011	Pg-48 Slug-Buster Die	—	—			10	3.5			✓		
35163	35163	ISO-16 Punch	—	—	0.638	16.2	14	2.0				✓	✓
35162	35162	ISO-16 Die	—	—			14	2.0				✓	✓
35165	35165	ISO-25 Punch	—	—	1.000	25.4	14	2.0				✓	✓
35164	35164	ISO-25 Die	—	1			14	2.0				✓	✓
35169	35169	ISO-32 Punch	—	—	1.280	32.5	10	3.5				✓	✓
35168	35168	ISO-32 Die	—	—			10	3.5				✓	✓
35158	35158	ISO-40 Punch	—	—	1.595	40.5	10	3.5				✓	✓
35159	35159	ISO-40 Die	—	—			10	3.5				✓	✓
35160	35160	ISO-50 Punch	—	—	2.000	50.8	10	3.5					✓
35161	35161	ISO-50 Die	—	2			10	3.5					✓
35167	35167	ISO-63 Punch	—	—	2.520	64.0	10	3.5					✓
35166	35166	ISO-63 Die	—	—			10	3.5					✓

SLUG-BUSTER® KNOCKOUTS

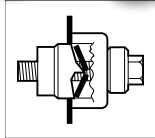
Slug-Buster® Knockout Punches 0.492" to 2.520"



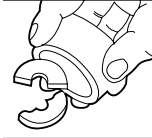
- The contractor's choice – worldwide
- Unique punch profile also splits slugs for easier slug removal
- Use with battery-powered, hydraulic, ratchet or manual drivers
- Uses standard Greenlee dies and draw studs
- Slug-Buster® punches available in sizes up thru 2.52" (64.0 mm)
- Knockouts Made in the USA



Unique Slug-Buster® 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.

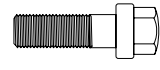
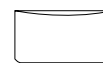
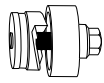
SPECIFICATIONS

- Capacity** Mild steel up through 10 gauge (3.5 mm).
Application Punch mild steel, aluminum, fiberglass and plastic.
Hole Sizes Conduit Sizes- Hole size is outside diameter of US conduit sizes. i.e 1/2" conduit actually 7/8"
 Pg Sizes-European standard pipe sizes.
 ISO Sizes- International Standards Organization pipe sizes.
Operation Battery, hydraulic, ratchet or manual drivers. When used with ratchet, hydraulic or battery drivers, buy the punch and die only; the draw stud is part of the driver kit.

PUNCH UNIT

◇ Individually packaged in point of purchase clamshell for display opportunities

REPLACEMENT PARTS



PUNCH UNIT INCLUDES PUNCH, DIE AND DRAW STUD		CONDUIT & PIPE	HOLE SIZE ACTUAL		CAPACITY MILD STEEL		REPLACEMENT PUNCH		REPLACEMENT DIE		REPLACEMENT MANUAL DRAW STUD		
CAT. NO.	UPC NO.	SIZE	Ø INCH	Ø MM	GA.	MM	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	
06727	06727	—	—	0.492	12.5	16	1.5	06728	06728	06729	06729	1675AV	04218
7211EBB-15.2	31989	—	—	0.598	15.2	14	2.0	31969	31969	32002	32002	00042	00042
35177	35177	—	—	0.638	16.2	14	2.0	35163	35163	35162	35162	00042	00042
7211EBB-18.6	31990	—	—	0.732	18.6	14	2.0	31970	31970	32003	32003	00042	00042
12307	12307	—	3/4	—	19.1	14	2.0	12306	12306	12305	12305	00042	00042
7211EBB-20.4	31991	—	—	0.803	20.4	14	2.0	31971	31971	32004	32004	00042	00042
7211BB-1/2	31962	1/2"	7/8	0.885	22.5	10	3.5	721-1/2	31756	14722	14722	00042	00042
◇	◇	1/2"	7/8	0.885	22.5	10	3.5	721-1/2P◇	01980	14722P◇	01992	00042P	06678
12338	12338	—	15/16	—	23.8	14	2.0	12340	12340	12339	12339	00042	00042
35178	35178	—	1	1.000	25.4	14	2.0	35165	35165	35164	35164	00042P	06678
12341	12341	—	1-1/16	—	27	14	2.0	12343	12343	12342	12342	00042	00042
7211BB-3/4	31963	3/4"	—	1.115	28.3	10	3.5	721-3/4	31757	124AV	06972	249AVBB	04040
◇	◇	3/4"	—	1.115	28.3	10	3.5	721-3/4P◇	01981	124AVP◇	01993	249AVBBP◇	01987
7211EBB-28.3	31993	—	—	1.115	28.3	14	2.0	31973	31973	32006	32006	00042	00042
60246	60246	—	1-7/32	1.210	30.5	10	3.5	60237	60237	36278	36278	249AVBB	04040
36508	36508	—	1-7/32	1.210	30.5	14	2.0	36284	36284	36279	36279	00042	00042
12308	12308	—	1-1/4	—	31.8	16	1.5	12309	12309	12310	12310	00042	00042
35179	35179	—	—	1.280	32.5	10	3.5	35169	35169	35168	35168	249AVBB	04040
7211BB-1	31964	1"	—	1.362	34.6	10	3.5	721-1	31758	126AV	04011	249AVBB	04040
◇	◇	1"	—	1.362	34.6	10	3.5	721-1P◇	01982	126AVP◇	01994	249AVBBP◇	01987
7211EBB-37	31995	—	—	1.457	37.0	10	3.5	31975	31975	32008	32008	249AVBB	04040
12313	12313	—	1-1/2	—	38.1	10	3.0	12312	12312	12311	12311	249AVBB	04040
35180	35180	—	—	1.595	40.5	10	3.5	35158	35158	35159	35159	249AVBB	04040
12347	12347	—	1-5/8	—	41.3	10	3.0	12349	12349	12348	12348	249AVBB	04040
7211BB-1-1/4	31965	1-1/4"	—	1.701	43.2	10	3.5	721-1-1/4	31759	128AV	04013	249AVBB	04040
◇	◇	1-1/4"	—	1.701	43.2	10	3.5	721-1-1/4P◇	01983	128AVP◇	01995	249AVBBP◇	01987
12316	12316	—	1-3/4	—	44.5	10	3.0	12315	12315	12314	12314	249AVBB	04040
7211EBB-47	31996	—	—	1.850	47.0	10	3.5	31976	31976	32009	32009	304AVBB	04042
12350	12350	—	1-7/8	—	47.6	10	3.0	12354	12354	12352	12352	304AVBB	04042
7211BB-1-1/2	31966	1-1/2"	—	1.951	49.6	10	3.5	721-1-1/2	31760	440AV	04061	304AVBB	04042
◇	◇	1-1/2"	—	1.951	49.6	10	3.5	721-1-1/2P◇	01984	440AVP◇	01996	304AVBBP◇	01988
35181	35181	—	2	2.000	50.8	10	3.5	35160	35160	35161	35161	304AVBB	04042
36171	36171	—	2-1/8	2.125	54.0	10	3.5	36172	36172	36173	36173	304AVBB	04042
12351	12351	—	2-1/4	—	57.2	10	3.0	12355	12355	12353	12353	304AVBB	04042
7211EBB-60	31998	—	—	2.362	60.0	10	3.5	31978	31978	32011	32011	304AVBB	04042
7211BB-2	31967	2"	2-3/8	2.416	61.5	10	3.5	721-2	31761	442AV	04063	304AVBB	04042
◇	◇	2"	2-3/8	2.416	61.5	10	3.5	721-2P◇	01985	442AVP◇	01997	304AVBBP◇	01988
35182	35182	—	—	2.520	64.0	10	3.5	35167	35167	35166	35166	304AVBB	04042

Slug-Buster SC® (Self-Centering)



- Save time and ensure accuracy! Self-centering punch aligns itself on pilot hole
- No need to draw crosshairs or line up die alignment marks
- Unique punch also splits slugs for easier slug removal
- US Patent No. 6,973,729
- Knockouts Made in the USA



WEIGHT

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG
10800	10800	1/2" to 2" Conduit Size Slug-Buster SC® Knockout Punch Set	4.8	2.2

10800 SLUG-BUSTER SC® KNOCKOUT KIT INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	CONDUIT SIZE	HOLE SIZE
77P-1/2P	11261	1/2" Punch Buster, SC	1/2"	0.885
14722	14722	1/2" Die Rd.	1/2"	0.885
77P-3/4P	11262	3/4" Punch Buster, SC	3/4"	1.115
124AV	06972	3/4" Die Rd.	3/4"	1.115
77P-1P	11263	1" Punch Buster, SC	1"	1.362
126AV	04011	1" Die Rd.	1"	1.362
77P-1-1/4P	11264	1-1/4" Punch Buster, SC	1-1/4"	1.701
128AV	04013	1-1/4" Die Rd.	1-1/4"	1.701
77P-1-1/2P	11265	1-1/2" Punch Buster, SC	1-1/2"	1.951
440AV	04061	1-1/2" Die Rd.	1-1/2"	1.951
77P-2P*	11266	2" Punch Buster, SC	2"	2.416
442AV	04063	2" Die Rd.	2"	2.416



PUNCH UNIT		CONDUIT & PIPE SIZE	HOLE SIZES		PUNCH ONLY		DIE ONLY		STUD ONLY	
CAT NO.	UPC NO.		INCH	MM	CAT NO.	UPC NO.	CAT NO.	UPC NO.	CAT NO.	UPC NO.
77U-1/2	10801	1/2"	.885	22.2	77P-1/2P	11261	14722P	01992	00042	00042
77U-3/4	10802	3/4"	1.115	28.3	77-3/4P	11262	124AVP	01993	249AVBBP	01987
10807	10807	-	1.210	30.5	11357	11357	36278	36278	249AVBB	04040
77U-1	10803	1"	1.362	34.6	77P-1P	11263	126AVP	01994	249AVBBP	01987
77U-1-1/4	10804	1-1/4"	1.701	43.2	77P-1-1/4P	11264	128AVP	01995	249AVBBP	01987
77U-1-1/2	10805	1-1/2"	1.951	49.6	77P-1-1/2P	11265	440AVP	01996	304AVBBP	01988
77U-2	10806	2"	2.416	61.4	77P-2P*	11266	442AVP	01997	304AVBBP	01988

STANDARD HYDRAULIC KNOCKOUT PUNCH KITS

Standard Round Manual Industrial Punch Kit

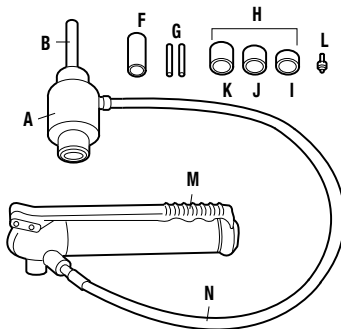


7310

- Fast, easy and simple to operate
- Compact design for field use on construction sites and maintenance jobs
- Punches 10 times faster than wrench method
- Will also drive 751 Cable Cutter head
- Can be used with most standard round Slug-Buster® and Slug Splitter® SC punches (except 1/2", 9/16", 5/8")
- Can be used with non-round punches (adapter may be required)
- 3-foot hose
- Powerful 11-ton hydraulic ram

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
7306	15909	Driver, Hand Pump, Standard Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Plastic Case	24	10.9
7310	15910	Driver, Hand Pump, Standard Punches, Dies and Draw Studs and Spacers for 1/2" through 4" Conduit, Plastic Case	54	24.5
7646PG-SB	27433	Metric – Driver, Hand Pump, Standard Pg Punches, Dies and Draw Studs and Spacers for 15.2 mm through 60.0 mm, Plastic Case	24	10.9
7304	02815	Standard Punch and Die Kit (no draw studs) for 2-1/2" through 4" Conduit, Plastic Case	21	9.5
38456	38456	Driver, Hand Pump, Standard Punches, Dies and Draw Studs and Spacers for 1/2" through 3" and 4" Conduit, Plastic Case	48.4	22

See Accessories Usage Chart on page 102



RAM AND HAND PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION

KEY	CAT. NO.	UPC NO.	DESCRIPTION
R	A	746	Ram (includes Item B)
R	B	2113B	Draw Stud-3/4" x 5 3/8"
R	F	1557AA	Punch Sleeve
R	G	20963	Draw Stud-3/8" x 4.8"
R	H	15908	Spacer Group (includes Items I, J and K)
R	I	1924AA	Spacer-Short
R	J	1925AA	Spacer-Medium
R	K	1926AA	Spacer-Long
R	L	34410	Kwik Stepper® Step Bit 1/2"
R	M	767	Hydraulic Hand Pump
R	N	06302	High Pressure Hose-1/4" x 3'

Ram and Hand Pump Kits Parts List

CAT NO.	UPC NO.	DESCRIPTION	CONDUIT & PIPE SIZE	HOLE SIZE			KIT CAT. NO.				
				ACTUAL		7646/	7306	7310	76346PG	38456	
				Ø IN	Ø MM						
721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5		✓	✓		✓
14722	14722	1/2" Conduit Size Die						✓	✓		✓
123AV	04008	3/4" Conduit Size Punch	3/4"	1-1/8	1.115	28.3		✓	✓	✓	✓
124AV	06972	3/4" Conduit Size Die						✓	✓	✓	✓
125AV	04010	1" Conduit Size Punch	1"	1-3/8	1.362	34.6		✓	✓		✓
126AV	04011	1" Conduit Size Die						✓	✓		✓
127AV	06974	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						✓	✓		✓
439AV	06978	1-1/2" Conduit Size Punch	1-1/2"	1-15/16	1.951	49.6		✓	✓		✓
440AV	04061	1-1/2" Conduit Size Die						✓	✓		✓
441AV	04062	2" Conduit Size Punch	2"	2-3/8	2.416	61.5		✓	✓		✓
442AV	04063	2" Conduit Size Die						✓	✓		✓
1429AV	04175	2-1/2" Conduit Size Punch	2-1/2"	2-7/8	2.914	74.0			✓		✓
1430AV	04177	2-1/2" Conduit Size Die							✓		✓
1431AV	04180	3" Conduit Size Punch	3"	3-1/2	3.539	89.9			✓		✓
1432AV	04183	3" Conduit Size Die							✓		✓
2982AV	04653	3-1/2" Conduit Size Punch	3-1/2"	4	4.044	102.7			✓		
2981AV	04652	3-1/2" Conduit Size Die							✓		
2984AV	04655	4" Conduit Size Punch	4"	4-1/2	4.544	115.4			✓		✓
2983AV	04654	4" Conduit Size Die							✓		✓
21316	21316	Pg-9 Slug-Buster® Punch	—	—	0.598	15.2				✓	
32002	32002	Pg-9 Die								✓	
17700	17700	Pg-11 Slug-Buster® Punch	—	—	0.732	18.6				✓	
32003	32003	Pg-11 Die								✓	
17697	17697	Pg-13 Slug-Buster® Punch	—	—	0.803	20.4				✓	
32004	32004	Pg-13 Die								✓	
36882	36882	Pg-21 Slug-Buster® Punch	3/4"	—	1.115	28.3				✓	
32006	32006	Pg-21 Die							✓		✓
36282	36282	30.5 mm Punch	—	1-7/32	1.210	30.5				✓	
36279	36279	30.5 mm Die								✓	
18331	18331	Pg-29 Slug-Buster® Punch	—	—	1.457	37.0				✓	
32008	32008	Pg-29 Die								✓	
17687	17687	Pg-36 Slug-Buster® Punch	—	—	1.850	47.0				✓	
32009	32009	Pg-36 Die								✓	
17690	17690	Pg-48 Slug-Buster® Punch	—	—	2.362	60.0				✓	
32011	32011	Pg-48 Die								✓	
746	17091	Ram (includes following item)					✓	✓	✓	✓	✓
2113B	10109	Draw Stud-3/4" x 5 3/8"					✓	✓	✓	✓	✓
1557AA	03170	Punch Sleeve					✓	✓	✓	✓	✓
20963	20963	Draw stud-3/8" x 4.8"					✓	✓	✓	✓	✓
15908	15908	Spacer Group (includes 1 ea. of following 3 items)					✓	✓	✓	✓	✓
1924AA	03248	Spacer-Short					✓	✓	✓	✓	✓
1925AA	03249	Spacer-Medium					✓	✓	✓	✓	✓
1926AA	06904	Spacer-Long					✓	✓	✓	✓	✓
34410	34410	Kwik Stepper® Step Bit 1/2"					✓	✓	✓	✓	✓
767	13284	Hydraulic Hand Pump					✓	✓	✓	✓	✓
06302	06302	High Pressure Hose – 1/4" x 3'					✓	✓	✓	✓	
30206	30206	Plastic Case					✓	✓		✓	
05387	05387	Plastic Case							✓		✓

PUNCHES AND DIES

DRAW STUDS AND MISC.

STANDARD KNOCKOUT PUNCH SETS

Standard Round Manual Knockout Punch Kits

- Assortment of commonly used round standard knockout punches, packaged to meet the contractor's needs
- High-impact, rugged plastic carrying case
- Knockouts Made in the USA



737BB

Wrenches Sold Separately
for kits 737BB, 735BB and 7304BB



735BB



7304 For 11 Ton
Hydraulic Drivers

CAT NO.	UPC NO.	DESCRIPTION	CAPACITY		WEIGHT	
			GA	MM	LBS	KG
735BB	19973	1/2" - 1-1/4" Conduit Size Knockout Punch Kit (Manual Round Standard)	10	3.5	2.5	1.1
737BB	19974	1-1/2" - 2" Conduit Size Knockout Punch Kit (Manual Round Standard)	10	3.5	4.4	2.0
7304	02815	Standard Punches and Dies (no draw studs) for 2-1/2" through 4" Conduit, in Plastic Case	10	3.5	21	9.5

735BB/19973 KNOCKOUT PUNCH KIT INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE		
			ACTUAL		
			Ø INCH	Ø MM	
721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	7/8	0.885	22.5
14722	14722	1/2" Conduit Size Die	7/8	0.885	22.5
00042	00042	3/8" x 1-9/16" Draw Stud			
123AV	04008	3/4" Conduit Size Punch	—	1.115	28.3
124AV	06972	3/4" Conduit Size Die	—	1.115	28.3
125AV	04010	1" Conduit Size Punch	—	1.362	34.6
126AV	04011	1" Conduit Size Die	—	1.362	34.6
127AV	06974	1-1/4" Conduit Size Punch	1-11/16	1.701	43.2
128AV	04013	1-1/4" Conduit Size Die	1-11/16	1.701	43.2
249AVBB	04040	3/4" x 2-1/8" Draw Stud			
31880	31880	Plastic Case			

737BB/19974 KNOCKOUT PUNCH KIT INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE		
			ACTUAL		
			Ø INCH	Ø MM	
439AV	06978	1-1/2" Conduit Size Punch	1-15/16	1.951	49.6
440AV	04061	1-1/2" Conduit Size Die	1-15/16	1.951	49.6
441AV	04062	2" Conduit Size Punch	2-3/8	2.416	61.5
442AV	04063	2" Conduit Size Die	2-3/8	2.416	61.5
304AVBB	04042	3/4" x 2-15/16" Draw Stud			
32012	32012	Plastic Case			

7304/02815 KNOCKOUT PUNCH KIT INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE		
			ACTUAL		
			Ø INCH	Ø MM	
1429AV	04175	2-1/2" Conduit Size Punch	2-7/8	2.914	74.0
1430AV	04177	2-1/2" Conduit Size Die	2-7/8	2.914	74.0
1431AV	04180	3" Conduit Size Punch	3-1/2	3.539	89.9
1432AV	04183	3" Conduit Size Die	3-1/2	3.539	89.9
2982AV	04653	3-1/2" Conduit Size Punch	4	4.044	102.7
2981AV	04652	3-1/2" Conduit Size Die	4	4.044	102.7
2984AV	04655	4" Conduit Size Punch	4-1/2	4.544	115.4
2983AV	04654	4" Conduit Size Die	4-1/2	4.544	115.4
30236	30236	Plastic Case			

NOTE: See Standard Round Knockout Punches on pages 91-92 for listing of individual punch units, punches, dies and draw studs.

Standard Round Manual Industrial Punch Set



- Includes most popular sizes for industrial applications
- Time-saving tool for maintenance, repair and operation applications
- Convenient steel carrying case
- Ball bearing drive screw for easy manual operation or use with ratchet and hydraulic drivers
- Knockouts Made in the USA



SPECIFICATIONS

Capacity 1-1/4" Punch - 16 gauge (1.5 mm) mild steel.
3/4", 1", and 1-1/8" Punches - 14 gauge (2.0 mm) mild steel.
7/8" and 1-1/2" Punches 10 gauge (3.5 mm) mild steel.

Operation Manual - Wrench not included.

CAT NO.	UPC NO.	DESCRIPTION
39860	39860	3/4" - 1-1/2" Hole Size Manual Industrial Punch Set

39860 MANUAL INDUSTRIAL KNOCKOUT PUNCH KIT INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE		
			ACTUAL		
			Ø INCH	Ø MM	
113AV	03998	3/4" Punch	3/4	0.750	19.1
114AV	03999	3/4" Die	3/4	0.750	19.1
121AV	04006	7/8" Punch	7/8	0.885	22.5
14722	14722	7/8" Die	7/8	0.885	22.5
87AV	03986	1" Punch	1	1.000	25.4
35164	35164	1" Die	1	1.000	25.4
91AV	03990	1-1/8" Punch	1-1/8	1.125	28.6
92AV	03991	1-1/8" Die	1-1/8	1.125	28.6
117AV	04002	1-1/4" Punch	1-1/4	1.250	31.8
118AV	04003	1-1/4" Die	1-1/4	1.250	31.8
3207AV	04736	1-1/2" Punch	1-1/2	1.500	38.1
3208AV	07044	1-1/2" Die	1-1/2	1.500	38.1
00042	00042	3/8" BB Draw Stud			
249AVBB	04040	3/4" BB Draw Stud			
19193	19193	Steel Storage Box			

Standard Round Manual Knockout Punch Kits - Metric



- 1" (25.4 mm) Hex ratchet wrench allows use with both 3/8" (9.5 mm) and 3/4" (19.1 mm) draw studs
- 12.7 mm Kwik Stepper® step bit included
- Plastic carrying case included
- Knockouts Made in the USA



SPECIFICATIONS

Operation: Manual - Ratchet wrench included

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
36687	36687	Pg-9 through Pg-48 Manual Round Standard Knockout Punch Kit	8.8	4
36688	36688	ISO-16 through ISO-40 Manual Round Standard Knockout Punch Kit	5.2	2.3
7309E	32804	Pg-9 through Pg-48 Standard Knockout Pg. Punch Kit. Replacement Kit Packaged in Carton Without Plastic Case.	8.8	4

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE		CAPACITY MILD STEEL		KIT CAT./UPC NO.		
			ACTUAL		GA	MM	36687	36688	7309E/ 32804
			Ø INCH	Ø MM					
21316	21316	Pg-9 Punch	—		14	2.0			✓
31969	31969	Pg-9 Slug-Buster® Punch	—	.598	14	2.0	✓		
32002	32002	Pg-9 Die	—		14	2.0	✓		✓
17700	17700	Pg-11 Punch	—		14	2.0	✓		✓
32003	32003	Pg-11 Die	—	0.732	14	2.0	✓		✓
17697	17697	Pg-13 Punch	—		14	2.0	✓	✓	✓
32004	32004	Pg-13 Die	—	0.803	14	2.0	✓	✓	✓
121AV	04006	Pg-16 Punch	7/8	0.885	10	3.5	✓		✓
14722	14722	Pg-16 Die	7/8	0.885	10	3.5	✓		✓
36882	36882	Pg-21 Punch	—	1.115	10	3.5	✓		✓
32006	32006	Pg-21 Die	—	1.115	10	3.5	✓		✓
36282	36282	30.5 mm Punch	1-7/32	1.210	16	1.5	✓		✓
36279	36279	30.5 mm Die	1-7/32	1.210	16	1.5	✓		✓
18331	18331	Pg-29 Punch	—	1.457	10	3.5	✓		✓
32008	32008	Pg-29 Die	—	1.457	10	3.5	✓		✓
17687	17687	Pg-36 Punch	—	1.850	10	3.5	✓		✓
32009	32009	Pg-36 Die	—	1.850	10	3.5	✓		✓
17690	17690	Pg-48 Punch	—	2.362	10	3.5	✓		✓
32011	32011	Pg-48 Die	—	2.362	10	3.5	✓		✓
35193	35193	ISO-16 Punch	—	0.638	14	2.0		✓	
35162	35162	ISO-16 Die	—	0.638	14	2.0		✓	
87AV	03986	ISO-25 Punch	1	1.000	14	2.0		✓	
35164	35164	ISO-25 Die	1	1.000	14	2.0		✓	
24459	24459	ISO-32 Punch	—	1.280	10	3.5		✓	
35168	35168	ISO-32 Die	—	1.280	10	3.5		✓	
24462	24462	ISO-40 Punch	—	1.595	10	3.5		✓	
35159	35159	ISO-40 Die	—	1.595	10	3.5		✓	
1756AV	04232	ISO-50 Punch	2	2.000	10	3.5			
35161	35161	ISO-50 Die	2	2.000	10	3.5			
1758AV	04234	ISO-63 Punch	2-1/2	2.500	10	3.5			
1757AV	04233	ISO-63 Die	2-1/2	2.500	10	3.5			
249AVBB	04040	Draw Stud - 3/4" x 2-1/8"						✓	
304AVBB	04042	Draw Stud - 3/4" x 2-15/16"					✓		
34941	34941	Ratchet Wrench -1" Hex					✓	✓	
34410	34410	Kwik Stepper Step Bit 1-2" (12.7 mm)					✓	✓	
00042	00042	Ball Bearing Draw Stud with 1" Hex Head, 3/8" x 1-5/8"					✓	✓	
36685	36685	Plastic Case					✓	✓	

STANDARD KNOCKOUT PUNCHES

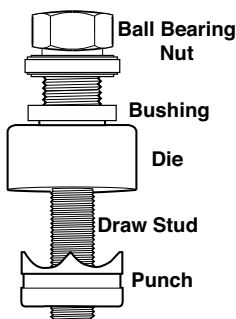
Standard Round Knockout Punches 0.5" to 6" Conduit and Pipe



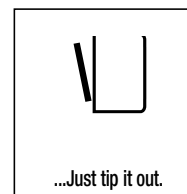
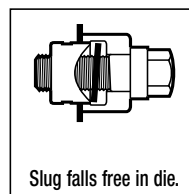
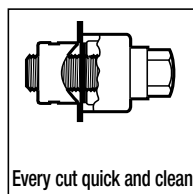
- Round standard metal punch units are complete units consisting of punch, die and draw stud
- Use with battery-powered, hydraulic, ratchet or manual drivers
- Properly assembled through pilot holes, they will make clean, fast and accurate holes
- Knockouts Made in the USA

SPECIFICATIONS

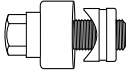


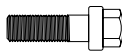

Capacity	Mild steel up through 10 gauge (3.5 mm).
Application	Punch mild steel, aluminum, fiberglass and plastic.
Hole Sizes	Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 1/2" conduit size punch actually makes a 7/8" hole. Pg Sizes - European standard pipe sizes. ISO Sizes - International Standards Organization pipe sizes.
Operation	Operate with battery-powered, hydraulic, ratchet or manual drivers. When used with battery-powered, hydraulic, or ratchet drivers buy the punch and die only; the draw stud is part of the driver kit.



CAT NO.	UPC NO.	DESCRIPTION
3037AV	04686	Bushing for 3-1/2" (conduit hole size) and larger punches with manual operation



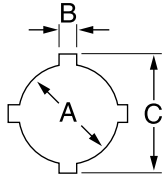
Standard Round Knockout Punches

PUNCH UNIT		REPLACEMENT PARTS													
															
PUNCH KIT-INCLUDES		HOLE SIZE				CAPACITY		REPLACEMENT PUNCH		REPLACEMENT DIE		REPLACEMENT DRAW STUD		REPLACEMENT BALL BEARING NUT	
PUNCH, DIE & DRAW STUD		CONDUIT &	ACTUAL		MILD STEEL		PUNCH		DIE		DRAW STUD		BEARING NUT		
CAT NO.	UPC NO.	PIPE SIZE	Ø INCH	Ø MM	GA	MM	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	
730-1/2	02408	—	1/2	0.500	12.7	16	1.5	1760AV	06996	1759AV	04235	1675AV	04218	—	—
730-9/16	02433	—	9/16	0.563	14.3	16	1.5	1754AV	04230	1753AV	04229	1675AV	04218	—	—
21115	21115	—	—	0.598	15.2	14	2.0	21316	21316	32002	32002	00042	00042	—	—
730-5/8	02409	—	5/8	0.625	15.9	16	1.5	1742AV	04223	1743AV	04224	1675AV	04218	—	—
35192	35192	—	—	0.638	16.2	14	2.0	35193	35193	35162	35162	00042	00042	—	—
730BB-11/16	25340	—	11/16	0.688	17.5	14	2.0	1752AV	04228	1751AV	04227	00042	00042	—	—
730EBB-18.6	18886	—	—	0.732	18.6	14	2.0	17700	17700	32003	32003	00042	00042	—	—
730BB-3/4	20667	—	3/4	0.750	19.1	14	2.0	113AV	03998	12305	12305	00042	00042	—	—
730EBB - 20.4	18887	—	—	0.803	20.4	14	2.0	17697	17697	32004	32004	00042	00042	—	—
730BB-13/16	20668	—	13/16	0.812	20.6	14	2.0	1745AV	04226	1744AV	04225	00042	00042	—	—
71BB	22563	1/2"	7/8	0.885	22.5	10	3.5	121AV	04006	14722	14722	00042	00042	—	—
730BB-15/16	25341	—	15/16	0.937	23.8	14	2.0	1762AV	04238	1761AV	04237	00042	00042	—	—
730BB-1	20670	—	1	1.00	25.4	14	2.0	87AV	03986	35164	35164	00042	00042	—	—
730BB-1-1/16	25342	—	1-1/16	1.063	27.0	14	2.0	1763AV	04240	1764AV	04242	00042	00042	—	—
72BB	22564	3/4"	—	1.115	28.3	10	3.5	123AV	04008	124AV	06972	249AVBB	04040	—	—
36910	36910	3/4"	—	1.115	28.3	14	2.0	36882	36882	32006	32006	00042	00042	—	—
730BB-1-1/8	20671	—	1-1/8	1.125	28.6	14	2.0	91AV	03990	92AV	03991	00042	00042	—	—
36506	36506	—	1-7/32	1.210	30.5	16	1.5	36282	36282	36279	36279	00042	00042	—	—
730BB-1-1/4	20673	—	1-1/4	1.250	31.8	16	1.5	117AV	04002	12310	12310	00042	00042	—	—
24476	24476	—	—	1.280	32.5	10	3.5	24459	24459	35168	35168	249AVBB	04040	—	—
730BB-1-5/16	25344	—	1-5/16	1.313	33.4	16	3.5	1747AV	06587	1746AV	06586	00042	00042	—	—
73BB	22565	1"	—	1.362	34.6	10	3.5	125AV	04010	126AV	04011	249AVBB	04040	—	—
730BB-1-3/8	25427	—	1-3/8	1.375	34.9	10	3.5	3205AV	04734	3206AV	04735	249AVBB	04040	—	—
730EBB-37	18890	—	—	1.457	37.0	10	3.5	18331	18331	32008	32008	249AVBB	04040	—	—
730BB-1-1/2	25428	—	1-1/2	1.500	38.1	10	3.5	3207AV	04736	3208AV	07044	249AVBB	04040	—	—
24477	24477	—	—	1.595	40.5	10	3.5	24462	24462	35159	35159	249AVBB	04040	—	—
730BB-1-5/8	25349	—	1-5/8	1.625	41.3	10	3.5	1794AV	04251	1793AV	04250	249AVBB	04040	—	—
74BB	22566	1-1/4"	1-11/16	1.701	43.2	10	3.5	127AV	06974	128AV	04013	249AVBB	04040	—	—
730BB-1-3/4	25350	—	1-3/4	1.750	44.5	10	3.5	1816AV	04257	1815AV	04256	249AVBB	04040	—	—
730EBB-47	18891	—	—	1.850	47.0	10	3.5	17687	17687	32009	32009	304AVBB	04042	—	—
730BB-1-7/8	25351	—	1-7/8	1.875	47.6	10	3.5	1791AV	04248	1792AV	04249	304AVBB	04042	—	—
75BB	22567	1-1/2"	1-15/16	1.951	49.6	10	3.5	439AV	06978	440AV	04061	304AVBB	04042	—	—
730BB-2	20676	—	2	2.000	50.8	10	3.5	1756AV	04232	35161	35161	304AVBB	04042	—	—
730BB-2-1/8	20678	—	2-1/8	2.125	54.0	10	3.5	1783AV	04245	36173	36173	304AVBB	04042	—	—
730BB-2-1/4	25360	—	2-1/4	2.250	57.2	10	3.5	437AV	04058	438AV	04059	304AVBB	04042	—	—
730EBB-60	18892	—	—	2.362	60.0	10	3.5	17690	17690	32011	32011	304AVBB	04042	—	—
76BB	22568	2"	2-3/8	2.416	61.5	10	3.5	441AV	04062	442AV	04063	304AVBB	04042	—	—
730BB-2-1/2	20679	—	2-1/2	2.500	63.5	10	3.5	1758AV	04234	1757AV	04233	1434AV	04188	1433AVBB	04187
730PBB-2-5/8	21214	—	2-5/8	2.625	66.7	10	3.5	1795AV	04252	1796AV	06997	1434AV	04188	1433AVBB	04187
730BB-2-3/4	25361	—	2-3/4	2.750	69.9	10	3.5	1790AV	04247	1789AV	04246	304AVBB	04042	—	—
730MBB	25383	—	—	2.781	70.6	10	3.5	730-101A	02445	730-100A	02443	1434AV	04188	1433AVBB	04187
738BB	19975	2-1/2"	2-7/8	2.914	74.0	10	3.5	1429AV	04175	1430AV	04177	1434AV	04188	1433AVBB	04187
730BB-3	25372	—	3	3.000	76.2	10	3.5	1821AV	04259	1820AV	04258	1434AV	04188	1433AVBB	04187
730TBB	25403	—	3-1/8	3.125	79.4	10	3.5	1798AV	06363	1797AV	06362	1434AV	04188	1433AVBB	04187
730EBB-82	18635	—	—	3.228	82.0	10	3.5	18905	18905	18906	18906	1434AV	04188	1433AVBB	04187
739BB	19976	3"	3-1/2	3.539	89.9	10	3.5	1431AV	04180	1432AV	04183	1434AV	04188	1433AVBB	04187
730PBB-3-3/4	21216	—	3-3/4	3.750	95.3	10	3.5	4640AV	05265	4641AV	05266	3026AV	04679	3036AVBB	04685
741BB*	19977	3-1/2"	4	4.011	102.7	10	3.5	2982AV	04653	2981AV	04652	3026AV	04679	3036AVBB	04685
742BB*	19978	4"	4-1/2	4.544	115.4	10	3.5	2984AV	04655	2983AV	04654	3026AV	04679	3036AVBB	04685
730EBB-120*	21519	—	—	4.724	120.0	10	3.5	21489	21489	21491	21491	3026AV	04679	3036AVBB	04685
743BB*	19980	5"	5-5/8	5.675	144.1	10	3.5	5135AV	05447	5136AV	05448	3026AV	04679	3036AVBB	04685
744BB	50005	6"	6-5/8	6.375	161.9	10	3.5	5137AV	50008	5138AV	50006	3026AV	04679	3036AVBB	04685

SPECIAL APPLICATION PUNCHES

Oiltight Punches with Notches

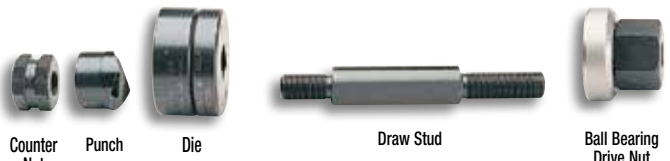
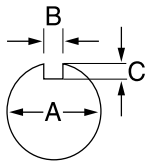
Other oiltight sizes without notches available in standard, Slug-Buster® and Slug Splitter® designs.



HOLE SIZE						MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	CAT./UPC NO					MINIMUM PILOT HOLE		WEIGHT LBS KG	OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS		
INCH			MM			GA	MM		PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)		DRAW STUD	BB DRIVE NUT	COUNTER NUT	INCH	MM				
A	B	C	A	B	C				PUNCH	DIE	STUD	NUT	NUT						
.875	.125	1.000	22.5	3.2	25.4	14	2.0	Hand/Hydr.	60238	60239	60250	60117	60165	60258	.625	15.9	2.1	.95	601670
1.210	.190	1.380	30.5	4.8	36.0	10	3.5	Hand/Hydr.	60242	60243	60249	60117	60165	60258	.625	15.9	2.7	1.2	601670

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers.

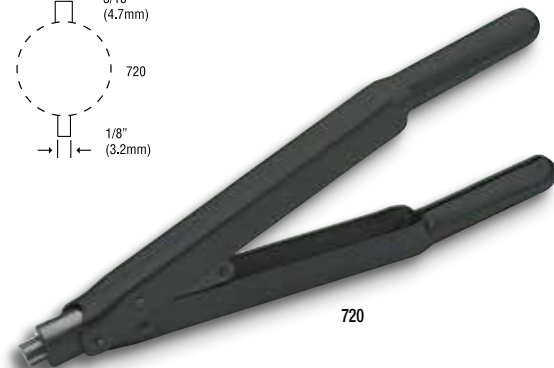
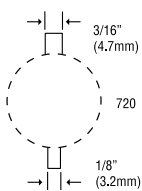
Key Punches



HOLE SIZE						MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	CAT./UPC NO					MINIMUM PILOT HOLE		WEIGHT LBS KG	OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS		
INCH			MM			GA	MM		PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)		DRAW STUD	BB DRIVE NUT	COUNTER NUT	INCH	MM				
A	B	C	A	B	C				PUNCH	DIE	STUD	NUT	NUT						
0.481	0.055	.030	12.2	1.4	.8	16	1.5	Hand/Hydr.	60101	60102	60103	60115	60120	05244	.375	9.5	.88	.4	601140
1.171	0.123	.097	29.7	3.1	2.5	14	2.0	Hand/Hydr.	60104	60105	60106	60166	60165	60258	.875	23.8	2.3	1.0	601670
1.265	0.156	.097	32.1	4.0	2.5	14	2.0	Hand/Hydr.	60107	60108	60109	60166	60165	60258	.875	23.8	2.4	1.1	601670
1.328	0.102	.097	33.7	2.6	2.5	14	2.0	Hand/Hydr.	60110		60166	60165	60258	.875	23.8	2.4	1.1	601670	

For use with any Greenlee Hydraulic Driver or Battery-Powered Driver. For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

720 Keyway Punch



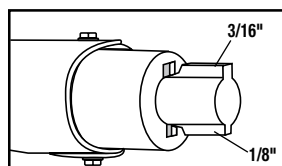
- Eliminates time-consuming hand sawing and filing when making keyways for push-button switches
- Use as a nibbler to make wider or deeper keyways
- Punches 1/8" (3.2 mm) or 3/16" (4.8 mm) keyways for 7/8" (22.5 mm) or 1-7/32" (30.5 mm) push-button holes
- Canadian Patent No. 1,172,435

SPECIFICATIONS

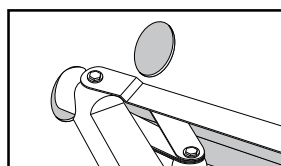
Operation Manual
Capacity 10 gauge (3.5 mm) mild steel

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
720	26534	Keyway Punch	2.8	1.27
R 26534	26536	Punch		
R 26538	26538	Die		

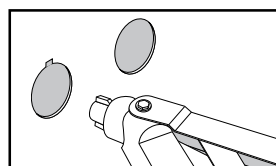
NOTE: Not for Stainless Steel



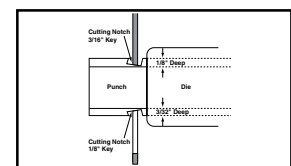
1. Locate proper cutting notch on the cutting head.



2. Place cutting notch inside edge of hole and cut keyway.

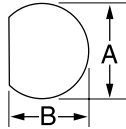


3. Withdraw the punch.



4. Use as a nibbler to make wider or deeper keyways.

"D" Punches

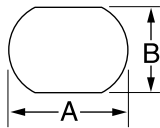


HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	CAT./UPC NO					MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS	
INCH		MM		GA	MM		PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)		PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	INCH	MM		LBS
A	B	A	B														
0.500	0.469	12.7	11.9	16	2.0	Hand/Hydr.	60077	60078	60079	60115	60120	05244	.375	9.5	.9	.41	60114
0.625	0.594	15.9	15.1	14	2.0	Hand/Hydr.	61080**			34421	34733	04638	.500	12.7	1.1	.50	33967
0.750	0.703	19.1	19.1	14	2.0	Hand/Hydr.	61083**			34421	34733	04638	.500	12.7	1.2	.50	33967

For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers
** Sold as Unit only

Double "D" Punches

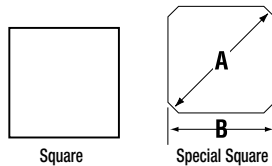


HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	CAT./UPC NO					MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS	
INCH		MM		GA	MM		PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)		DRAW STUD	BB DRIVE NUT	COUNTER NUT	INCH	MM	LBS	KG		
A	B	A	B														
0.769	0.642	19.5	16.3	14	2.0	Hand/Hydr.	61086**			34421	34733	04638	.500	12.7	1.1	.50	33967
0.795	0.697	20.2	17.6	14	2.0	Hand/Hydr.	61089**			34421	34733	04638	.500	12.7	1.1	.50	33967
0.913	0.756	23.2	19.2	14	2.0	Hand/Hydr.	61092**			34421	34733	04638	.500	12.7	1.2	.54	33967
0.913	0.795	23.2	20.2	14	2.0	Hand/Hydr.	61095**			34421	34733	04638	.500	12.7	2	.9	33967
1.375	1.125	34.9	28.6	14	2.0	Hand/Hydr.	60098**			60166	60165	60258	.875	23.8	2.5	1.1	60167

For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers
** Sold as Unit only

Square and Special Square Punches



HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	CAT./UPC NO					MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS	
INCH		MM		GA	MM		PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)		PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	INCH	MM		LBS
1/2"	0.500 x 0.500	12.7 x 12.7		16	1.5	Hand/Hydr.	60001			60115	60120	05244	.375	9.5	1.1	.50	60114
5/8"	0.625 x 0.625	15.9 x 15.9		14	2.0	Hand/Hydr.	61004			34421	34733	04638	.500	12.7	1.5	.68	33967
3/4"	0.750 x 0.750	19.1 x 19.1		14	2.0	Hand/Hydr.	61007**			34421	34733	04638	.500	12.7	1.5	.68	33967
7/8"	0.882 x 0.882	22.4 x 22.4		14	2.0	Hand/Hydr.	61010**			34421	34733	04638	.500	12.7	1.8	.82	33967
1"	0.945 x 0.945	24.0 x 24.0		14	2.0	Hand/Hydr.	61013**			34421	34733	04638	.500	12.7	2.3	1.0	33967
	1.000 x 1.000	25.4 x 25.4		14	2.0	Hand/Hydr.	60016	60017	60018	60117	60165	60258	.625	15.9	2.4	1.1	60167
1-13/16"	1.772 x 1.772	45.0 x 45.0		10	3.5	Hydr. Only	60287	60288	60289	60118	—	60235	1.188	30.2	6.0	2.7	∅
	1.811 x 1.811	46.0 x 46.0		10	3.5	Hydr. Only	60019	60020	60019	60118	—	60235	1.188	30.2	6.2	2.8	∅
2"	2.000 x 2.000	50.8 x 50.8		10	3.5	Hydr. Only	60168	60169	60170	60118	—	60235	1.188	30.2	6.9	3.1	∅
2-11/16"	2.677 x 2.677	68.0 x 68.0		10	3.5	Hydr. Only	60171	60172	60173	60118	—	60235	1.188	30.2	10.1	4.6	∅
3-5/8"	3.622 x 3.622	92.0 x 92.0		10	3.5	*Hydr. Only	60174	60175	60176	60118	—	60235	1.188	30.2	14.8	6.7	*
4-1/8"	4.125 x 4.125	104.8 x 104.8		10	3.5	*Hydr. Only	60177	60178	60179	60118	—	60235	1.188	30.2	18.8	8.5	*
	5.433 x 5.433	138.0 x 138.0		14	2.0	*Hydr. Only	60234	60023	60024	60118	—	60235	1.188	30.2	20	9.1	*
SPECIAL SQUARE																	
0.886(A)	0.791(B)	22.5 ∅(A)	20.1(B)	14	2.0	Hand/Hydr.	61125**			34421	34733	04638	.500	12.7	.7	.3	33967

*For use with Hand and Foot Pump Hydraulic Drivers with Ram. For use with any Greenlee Hydraulic Driver or Battery-Powered Driver
** Sold as Unit only ∅ For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

Rectangular Punches

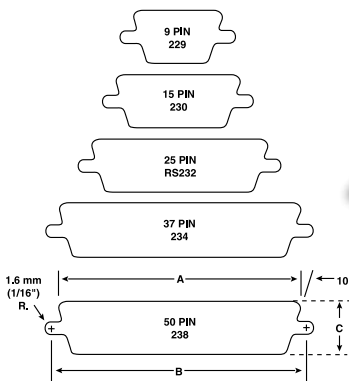


HOLE SIZE		MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	CAT./UPC NO					MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS	
INCH	MM	GA	MM		PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)		DRAW STUD	BB DRIVE NUT	COUNTER NUT	INCH	MM	LBS	KG		
0.437 x 0.875	11.1 x 22.2	16	1.5	∅Hand/Hydr.	60025	60026	60027	60115	60120	05244	.375	9.5	1.2	.5	60114∅
0.670 x 0.749	17.0 x 19.0	14	2.0	∅Hand/Hydr.	61028			34421	34733	04638	.500	12.7	1.5	.68	33967∅
0.750 x 1.140	19.1 x 29.0	14	2.0	∅Hand/Hydr.	60031	60032	60033	60117	60165	60258	.625	15.9	2.3	1.0	60167∅
0.750 x 1.310	19.1 x 33.3	14	2.0	∅Hand/Hydr.	60034	60035	60036	60117	60165	60258	.625	15.9	2.3	1.0	60167∅
0.861 x 1.018	21.9 x 25.9	14	2.0	∅Hand/Hydr.	60037	60038	60039	60117	60165	60258	.625	15.9	2.3	1.0	60167∅
0.866 x 1.181	22.0 x 30.0	14	2.0	∅Hand/Hydr.	60040	60041	60042	60117	60165	60258	.625	15.9	2.4	1.1	60167∅
0.866 x 1.654	22.0 x 42.0	14	2.0	∅Hand/Hydr.	60043	60045	60046	60117	60165	60258	.625	15.9	2.9	1.3	60167∅
0.990 x 1.140	25.1 x 29.0	14	2.0	∅Hand/Hydr.	60047	60048	60049	60117	60165	60258	.625	15.9	2.6	1.2	60167∅
1.250 x 1.380	31.8 x 35.1	14	2.0	∅Hand/Hydr.	60050	60051	60052	60117	60165	60258	.625	15.9	3.1	1.4	60167∅
1.312 x 2.625	33.3 x 67.9	10	3.5	∅Hand/Hydr.	60053	60054	60055	60118	—	60235	1.188	30.2	5.1	2.3	∅
1.378 x 2.047	35.0 x 52.0	10	3.5	∅Hand/Hydr.	60056	60057	60058	60118	—	60235	1.188	30.2	6.1	2.8	∅
1.378 x 2.559	35.0 x 65.0	10	3.5	∅Hand/Hydr.	60059	60060	60061	60118	—	60235	1.188	30.2	6.8	3.1	∅
1.378 x 3.228	35.0 x 82.0	14	2.0	∅Hand/Hydr.	60062	60063	60064	60118	—	60235	1.188	30.2	7.7	3.5	*
1.378 x 4.409	35.0 x 112.0	14	2.0	∅Hand/Hydr.	60065	60066	60067	60118	—	60235	1.188	30.2	9.2	4.2	*
1.811 x 3.622	46.0 x 92.0	10	3.5	∅Hand/Hydr.	60068	60069	60070	60118	—	60235	1.188	30.2	8.9	4.0	*
2.250 x 3.500	57.2 x 88.9	10	3.5	∅Hand/Hydr.	60071	60072	60073	60118	—	60235	1.188	30.2	10.1	4.6	*
2.677 x 5.433	68.0 x 138.0	14	2.0	∅Hand/Hydr.	60074	60075	60076	60118	—	60235	1.188	30.2	16.1	7.3	*

* For use with with Hand and Foot Pump Hydraulic Drivers with Ram
∅ For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

Electronic Connector Panel Punches



- Cut-out and mounting slots are punched in one operation.
- Drill only one 7/16" (11.1 mm) pilot hole (See page 110 for Kwik Stepper® step bits.)
- Fast, accurate panel punching with no sawing or filing required
- Universal size punches for front or back mount of TRW Cinch and ITT Cannon-type or equivalent connectors in 9, 15, 25, 37 or 50-pin configurations.

SPECIFICATIONS

Capacity	16 gauge (1.5 mm) mild steel; 10 gauge (3.5 mm) aluminum
Operation	Manual with a wrench; Quick Draw® and Quick Draw 90® hydraulic drivers, Battery Driver, Ram and Pump hydraulic drivers aluminum

PUNCH UNIT		NO. OF PINS	DIMENSIONS			DRAW STUD	SQUARE COUNTER NUT	DRIVE NUT	WEIGHT	
CAT. NO.	UPC NO.		A	B	C				LBS	KG
229	34436	9	.787" (20.0 mm)	.982" (24.9 mm)	.469" (11.9 mm)	34421	04638	34733	1.4	.64
231	34437	15	1.127" (28.6 mm)	1.309" (33.3 mm)	.469" (11.9 mm)	34421	04638	34733	1.5	.68
RS232	34420	25	1.6555" (42.0 mm)	1.853" (47.1 mm)	.469" (11.9 mm)	34421	04638	34733	2.0	.91
234	34429	37	2.296" (58.3 mm)	2.497" (58.3 mm)	.469" (11.9 mm)	34421	04638	34733	2.0	.91
238	34444	50	2.201" (55.9 mm)	2.402" (61.0 mm)	.579" (14.7 mm)	34421	04638	34733	2.0	.91

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

KNOCKOUT PARTS CABINETS

Knockout Punch Parts Assortment Cabinets



7360SB



7361SB

- Includes balanced stock of replacement parts in sturdy steel cabinets

CAT NO.	UPC NO.	DESCRIPTION
7360SB	34358	Knockout Punch Parts Assortment 1/2" - 2". Includes Metal Cabinet 14" High, 13" Wide and 14-3/4" Deep, with 4 Drawers.
7361SB	34359	Knockout Punch Parts Assortment 1/2" - 3". Includes Metal Cabinet 19-1/2" High, 27" Wide and 15" Deep with 4 Drawers.

7361SB/34359 PARTS CABINET INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	QTY.
721-1/2	31756	Slug-Buster® 1/2" Conduit Punch	18
14722	14722	1/2" Conduit Die	12
721-3/4	31757	Slug-Buster® 3/4" Conduit Punch	6
124AV	06972	3/4" Conduit Die	6
721-1	31758	Slug-Buster® 1" Conduit Punch	6
126AV	04011	1" Conduit Die	6
721-1-1/4	31759	Slug-Buster® 1-1/4" Conduit Punch	6
128AV	04013	1-1/4" Conduit Die	6
721-1-1/2	31760	Slug-Buster® 1-1/2" Conduit Punch	3
440AV	04061	1-1/2" Conduit Die	3
721-2	31761	Slug-Buster® 2" Conduit Punch	3
442AV	04063	2" Conduit Die	2
1429AV	04175	2-1/2" Conduit Punch	1
1430AV	04177	2-1/2" Conduit Die	1
1431AV	04180	3" Conduit Punch	1
1432AV	04183	3" Conduit Die	1
00042	00042	3/8" Draw Stud	12
249AVBB	04040	3/4" Drive Screw	8
304AVBB	04042	3/4" Drive Screw	6
1434AV	04188	5-1/2" x 3/4" Drive Screw	1
1433AVBB	04187	1" Ball Bearing Nut	1
12097	12097	3/8" Adapter Screw	6
30227	30227	7/16" Adapter Screw	2
12099	12099	3/4" Ball Bearing Adapter Screw	2
20963	20963	3/8" Draw Stud	20
2113B	10109	3/4" Draw Stud	6
1557AA	03170	1-1/8" Punch Sleeve	1
3037AV	04686	3-1/2", 4" & 5" Conduit Bushing	1
1924AA	03248	Short Spacer	4
1925AA	03249	Medium Spacer	4
1926AA	06904	Long Spacer	4
28154	28154	Punch 1/2" HD Slug Splitter® SC	1
28155	28155	Die 1/2" HD Slug Splitter® SC	1
29451	29451	Draw Stud, 7/16" Stainless Steel	1
31834	31834	Cabinet A only (top)	1
31849	31849	Cabinet B only (bottom)	1

7360SB/34358 PARTS CABINET INCLUDES

CAT NO.	UPC NO.	DESCRIPTION	QTY.
721-1/2	31756	Slug-Buster® 1/2" Conduit Punch	18
14722	14722	1/2" Conduit Die	12
721-3/4	31757	Slug-Buster® 3/4" Conduit Punch	6
124AV	06972	3/4" Conduit Die	6
721-1	31758	Slug-Buster® 1" Conduit Punch	3
126AV	04011	1" Conduit Die	3
721-1-1/4	31759	Slug-Buster® 1-1/4" Conduit Punch	3
128AV	04013	1-1/4" Conduit Die	3
721-1-1/2	31760	Slug-Buster® 1-1/2" Conduit Punch	2
440AV	04061	1-1/2" Conduit Die	2
721-2	31761	Slug-Buster® 2" Conduit Punch	2
442AV	04063	2" Conduit Die	1
00042	00042	3/8" Drive Screw	12
249AVBB	04040	3/4" Drive Screw	4
304AVBB	04042	3/4" Drive Screw	4
12097	12097	3/8" Adapter Screw	4
20963	20963	3/8" Draw Stud	20
2113B	10109	3/4" Draw Stud	4
31832	31832	Cabinet only	1

DRAW STUDS FOR KNOCKOUTS

Replacement Draw Studs for SPEED PUNCH®

PUNCHES	DRIVER
Slug-Buster® SPEED Punch®	 <p>7212SP11 – 3/4" (19 mm) x 4.8" (122 mm)</p>
	 <p>7212SP12 – 3/4" (19 mm) x 5.63" (143 mm)</p>
	 <p>7212SP13 – 3/8" (10 mm) x 4.7" (119 mm)</p>
	 <p>7212SP14 – 3/8" (10 mm) x 3.8" (97 mm)</p>
Slug-Splitter® SPEED PUNCH®	 <p>7212SP21 – 3/4" (19 mm) x 5.8" (148 mm)</p>
	 <p>7212SP22 – 3/8" (10 mm) x 4.77" (121 mm)</p>
	 <p>7212SP23 – 3/4" (19 mm) x 5.0" (127 mm)</p>
	 <p>7212SP24 – 3/8" (10 mm) x 3.8" (97 mm)</p>
Oiltight SPEED PUNCH®	 <p>7212SP31 – 3/8" (10 mm) x 4.9" (124 mm)</p>
	 <p>7212SP32 – 3/8" (10 mm) x 4.0" (102 mm)</p>

Replacement Draw Studs for Manual Drivers

Replacement Draw Stud Selection Guide

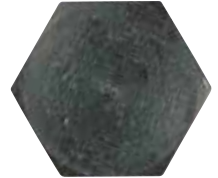
Refer to the **ACTUAL SIZE PICTURES** and information below when ordering a replacement draw stud. Sizes given are diameter X length.



3026AV –
1-1/8" (28.6 mm) x 7-1/2" (190 mm)



1675AV Draw Stud – 1/4" (6.4 mm) x 1-3/8" (35 mm)



00042 – 3/8" (9.5 mm) x 1-5/8" (41 mm)



249AVBB – 3/4" (19.0 mm) x 2-1/8" (54 mm)



304AVBB – 3/4" (19.0 mm) x 2-15/16" (75 mm)



1434AV
3/4" (19.0 mm) x
5-1/2" (140 mm)

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.



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



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



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



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



1557SS – 1/8" (28.6 mm) x 2.65" (67 mm)
Use With Slug Splitter® Punches



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



20963 – 3/8" (9.5 mm)
to 3/4" (19.0 mm)
x 4.8" (122 mm)



2113B – 3/4" (19.0 mm)
x 5.38" (137 mm)



7212AA1 – 1-3/8" (35 mm) x 2.65" (67 mm)
Use with 746



7212AA2 – 1-3/8" (35 mm) x 2.48" (63 mm)
Use with LS100

Replacement Draw Studs for Hydraulic Drivers (continued)



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



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



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

Replacement Draw Studs for Ratchet 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.



12099 – 3/4" (19.0 mm) x 4-3/4" (121 mm)



30227 – 7/16" (11.1 mm) x 3-5/8" (92 mm)



12097 – 3/8" (9.5 mm) x 3-1/2" (89 mm)

Replacement Draw Studs for Special Shape Punches

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.

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers.



60118 – 3/4" (19 mm)
x 6-3/4" (171.5 mm)



60166 – 1/2" (12.7 mm) x 4-5/8" (117.5 mm)



60117 – 1/2" (12.7 mm) x 4-5/8" (117.5 mm)



34421 – 3/8" (9.5 mm) x 3-1/2" (88.9 mm)



60115 – 1/4" (6.3 mm) x 3-7/16" (87.3 mm)

KNOCKOUT ACCESSORIES USAGE

Standard Threaded Punches

				LS100				746 RAM				LS50 / QUICK DRAW						
SIZE	PUNCH	DIE		CAPACITY	DRAW STUD	SPACER	SLEEVE	CAPACITY	DRAW STUD	SPACER	SLEEVE	CAPACITY	DRAW STUD	SPACER	SLEEVE			
MILD STEEL	1/2"	1/2"	14722P	10 GA	20963	1924AA	—	10 GA	20963	—	—	10 GA	1614SSP	—	33967			
	3/4"	3/4"	124AVP													2113B	—	—
	1-7/32"	1-7/32"	36278		—	—			—				—		—			
	1"	1"	126AVP													—	—	—
	1-1/4"	1-1/4"	128AVP		—	—			—				—		—			
	1-1/2"	1-1/2"	440AVP													—	—	—
	2"	2"	442AVP		—	—			—				—		—			
	2-1/2"	2-1/2"	1430AV													—	—	—
	3"	3"	1432AV		—	—			—				—		—			
	3-1/2"	3-1/2"	2981AV													—	—	—
4"	4"	2983AV	1557AA	1557AA	NOT RATED													
STAINLESS STEEL	1/2"	28154	28155	10 GA	29451	—	—	10 GA	29451	—	—	10 GA	29451	—	—			
	3/4"	28156	28157													29452	—	—
	1-7/32"	36490	36489		—	—			—				—		—			
	1"	28158	28159													—	—	—
	1-1/4"	28160	28161		—	—			—				—		—			
	1-1/2"	28162	28163													—	—	—
	2"	28165	28166		—	—			—				—		—			
	2-1/2"	00622	00626													—	—	—
	3"	00623	00627		—	—			—				—		—			
	3-1/2"	00624	00629													—	—	—
4"	00625	00630	12 GA	1557SS	1557SS	NOT RATED												

SPEED PUNCH® Punches

				LS100			746 RAM			LS50 / QUICK DRAW	
SIZE	PUNCH	DIE	SPEED LOCK	CAPACITY	DRAW STUD	SLEEVE	CAPACITY	DRAW STUD	SLEEVE	CAPACITY	DRAW STUD
MILD STEEL	1/2"	7212SP-1/2P	7212SP-1/2D	SP-LOCK	10 GA	7212SP12	10 GA	7212SP12	—	10 GA	7212SP14
	3/4"	7212SP-3/4P	7212SP-3/4D								
	1-7/32"	7212SP-1-7/32P	7212SP-1-7/32D								—
	1"	7212SP-1P	7212SP-1D								
	1-1/4"	7212SP-1-1/4P	7212SP-1-1/4D								—
	1-1/2"	7212SP-1-1/2P	7212SP-1-1/2D								
	2"	7212SP-2P	7212SP-2D								—
	2-1/2"	7212SP-2-1/2P	7212SP-2-1/2D								
	3"	7212SP-3P	7212SP-3D								—
	3-1/2"	7212SP-3-1/2P	7212SP-3-1/2D								
4"	7212SP-4P	7212SP-4D	7212AA2	7212AA1	NOT RATED						
STAINLESS STEEL	1/2"	745SP-1/2P	745SP-1/2D	SP-LOCK	10 GA	7212SP21	10 GA	7212SP21	—	10 GA	7212SP14
	3/4"	745SP-3/4P	745SP-3/4D								
	1-7/32"	745SP-1-7/32P	745SP-1-7/32D								—
	1"	745SP-1P	745SP-1D								
	1-1/4"	745SP-1-1/4P	745SP-1-1/4D								—
	1-1/2"	745SP-1-1/2P	745SP-1-1/2D								
	2"	745SP-2P	745SP-2D								NOT RATED

STUD PUNCHES

ESP710L Stud Punch



ESP710L11

- This tool punches 1-11/32" (34.1 mm) diameter holes in 16 and 18 gauge structural studs
- Has the ability to punch holes in under 5 seconds
- The ESP710L can take both time and hard work out of the stud punching process
- 4" Throat Depth from center of punch

CAT. NO.	UPC NO.	DESCRIPTION
ESP710L11	52165	Punch, Stud Bat 120V Charger

BATTERY-POWERED STUD PUNCH

CAT. NO.	UPC NO.	ACTUAL HOLE SIZE		WEIGHT		LENGTH		HEIGHT		CAPACITY		BATTERY	CHARGER
		IN.	MM	LBS	KG	IN.	MM	IN.	MM	GA	MM		
ESP710L11	52165	1-11/32	34.1	9.2	4.2	15	381	11-3/4	298	16	1.5	3.0Ah 18V, Li-Ion	120 Volt

Plumber Stud Punch



713

- Punches 2-5/8" (66.7 mm) diameter hole in metal studs for professional-looking installation of 2" water, vent, and waste pipes
- Two-speed lever action for fast, easy punching of 24 to 20 gauge thick metal studs
- 2-1/8" (54 mm) throat width fits over most studs and channels
- High strength alloy aluminum c-frame and handle provides lightweight tool for easy handling—10.6 lb. (4.8 KG)
- Lever action punch retraction strips punch out of metal stud fast and easy Patent #6,647,630

SPECIFICATIONS

Actual Hole Size	2-5/8" (66.7 mm)
Weight	10.6 LBS (4.8 KG)
Length	23-1/2" (596 mm)
Height	9-3/4" (247 mm)
Capacity	24-20 GA (0.9 mm)

CAT. NO.	UPC NO.	DESCRIPTION
713	06430	Plumber Stud Punch
R 08377	08377	Punch for 713
R 08379	08379	Die for 713
R 08375	08375	Link
R 55316	55316	Pin, Groove .31 x 1.75





Metal Stud Punches



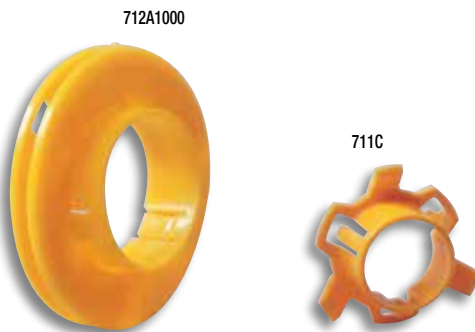
- Punch up through 20 gauge (0.9 mm) steel studs in one stroke
- Aluminum head provides strength with minimum weight, reducing operator fatigue
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places
- Self-stripping design eliminates punch hang-ups
- Automatically centers holes on standard studs
- Conversion kit available to upgrade early models from 24 gauge to 20 gauge maximum capacity

SPECIFICATIONS

Capacity 709 - 1-5/8" (41.3 mm) and wider studs.
20 gauge (0.9 mm) steel studs.
710 - 2-1/2" (63.4 mm) and wider studs.
20 gauge (0.9 mm) steel studs.

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
709	22280	7/8" (22.2 mm) Diameter Stud Punch	7	3.2
710	21285	1-11/32" (34.1 mm) Diameter Stud Punch	7.5	3.5
30968	30968	Conversion Kit – Upgrades Early Model 709 or 710 from 24 to 20 Gauge Maximum Capacity		
 121AV	04006	Punch for 709		
 22286	22286	Die for 709		
 24823	24823	Punch for 710		
 21297	21297	Die for 710		
06015	06015	Pin Kit		
36617	36617	Link		
05932	05932	Link and Pin Kit (709/710)		
21557	21557	Compression Spring		

Bushings for Metal Stud Punches



- Triple lock design holds bushing securely
- Locks securely into metal studs from 24 gauge to 12 gauge (0.6 mm to 2.5 mm)
- Helps protect wire insulation from sharp edges of metal studs
- Makes pulling smooth and easy by preventing hang-ups of cable on raw metal edges

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
711C	22288	100 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole	.5	.23
711M	22289	1,000 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole	3.7	1.7
712A100	05927	100 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710	1.4	.64
712A1000	05928	1,000 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710	15.5	7.0

Manual Stud Punch



- Punch up through 20 gauge (0.9 mm) steel studs in one stroke
- Unique patented punch rolls the edge over for smooth installation of armored cable; cable won't hang up
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places
- Automatically centers holes on standard studs

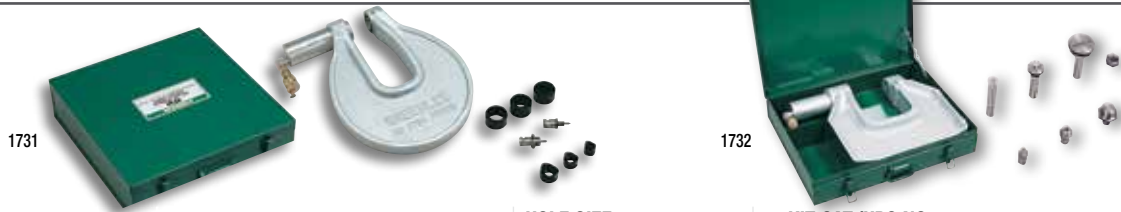
SPECIFICATIONS

Actual Hole Size 1-1/4" (31.7 mm)
Weight 4.0 LBS (1.8 KG)
Length 16-3/4" (426 mm)
Height 4-1/2" (247 mm)
Capacity 24-20 GA (0.9 mm)

CAT NO.	UPC NO.	DESCRIPTION
724	10415	Manual Stud Punch
 10419	10419	Punch for 724

C-FRAME PUNCHES

1731 & 1732 Portable C-Frame Punch Drivers



CAT. NO.	UPC NO.	DESCRIPTION	HOLE SIZE			KIT CAT./UPC NO.		
			IN	MM	PG	1731/ 15911	1731H767/ 20486	1732/ 27361
		C-Frame with Ram				✓	✓	✓
13266	13266	Punch Adapter - 3/8" Ø x 1/2" (9.5 mm)						✓
13267	13267	Punch Adapter - 3/4" Ø x 1" (19.0 mm)						✓
13276	13276	Punch Adapter - 3/8" Ø x 1/2" (9.5 mm)				✓	✓	
13277	13277	Punch Adapter - 3/4" Ø x 1" (19.0 mm)				✓	✓	
13268	13268	Punch Adapter - 1-1/8" Ø (28.6 mm)						✓
121AV	04006	1/2" Conduit Size Punch	1/2	16	22.5	✓	✓	
123AV	04008	3/4" Conduit Size Die	3/4	21	28.3	✓	✓	
125AV	04010	1" Conduit Size Punch	1	—	34.6	✓	✓	
12087	12087	C-Frame 1/2" Conduit Size Die	1/2	16	22.5	✓	✓	
12086	12086	C-Frame 3/4" Conduit Size Die	3/4	21	28.3	✓	✓	
12085	12085	C-Frame 1" Conduit Size Die	1	—	34.6	✓	✓	
1725	1725	1725 Hydraulic Foot Pump						
16634	16634	Steel Case				✓	✓	
38316	38316	High Pressure Hose Unit - 1/4" x 3' (includes 1 each of the following 3 items)						
54169	54169	1/4" Male Coupler						
54170	54170	Dust Cap						
06302	06302	High Pressure Hose 1/4" x 3'						
11797	11797	Die Adapter - 3/8" Ø (9.5 mm)						✓
11790	11790	Die Adapter - 3/4" Ø (19.0 mm)						✓
11789	11789	Die Adapter - 1-1/8" Ø (28.6 mm)						✓
767	767	Hydraulic Hand Pump					✓	
755	755	Hydraulic Hand Pump						
37729	37729	Hydraulic Hose - 1/4" x 10' (3 m)						
11289	11289	Hydraulic Hose - 3/8" x 6' (9.5 mm x 1.8)						
27335	27335	Metal Case						✓
50642	50642	Nut - 3/4" - 10 (19.0 mm)						✓
12079	12079	Frame						
15631	15631	Ram						
37614	37614	Quick Disconnect						
11903	11903	C-Frame						
13814	13814	Packing Kit						

- Fast, one-shot punching, no predrilling of pilot holes
 - Throat measures 8" (203 mm) deep
- 1731**
- Great for punching junction boxes and small enclosures
 - Punch can be used with ram inside or outside of the junction box
 - For use with 1/2" – 1" (22.5 mm – 34.6 mm) conduit size and accessory sizes only
- 1732**
- Use with 1/2" through 4" conduit size and other round sizes only
 - Use with Greenlee standard round punches and dies (optional)

SPECIFICATIONS

Capacity 1731: Up through 10 gauge (3.0 mm) mild steel with Greenlee special C-Frame dies and standard punches; 1/2" through 1" conduit and 15.2 mm through 30.5 mm
 1732: Up through 10 gauge (3.0 mm) mild steel with Greenlee Standard punches and dies; 1/2" through 4" conduit and 15.2 mm through 115.4 mm.

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	KG
1731	15911	Driver with Ram, 1/2" Through 1" Conduit (22.5 mm through 34.6 mm) Punches and Dies	32	15
1732	27361	Driver with Ram, 3/8", 3/4" and 1-1/8" Punch and Die Adapters	59	27
1731H767	20486	Same as 1731 with 767 Hydraulic Hand Pump	36	17
21316	21316	Pg-9 (15.2 mm) Punch (optional)		
18557	18557	Pg-9 (15.2 mm) Die (optional)		
17700	17700	Pg-11 (18.6 mm) Punch (optional)		
18558	18558	Pg-11 (18.6 mm) Die (optional)		
17697	17697	Pg-13 (20.4 mm) Punch (optional)		
18559	18559	Pg-13 (20.4 mm) Die (optional)		
36282	36282	1-7/32" (30.5 mm) Oil Tight Punch (optional)		
37103	37103	1-7/32" (30.5 mm) Oil Tight Die (optional)		

MANUAL HYDRAULIC PUMPS

Hydraulic Hand Pump



767

- Lightweight and portable, for use with Greenlee Punch Drivers
- Versatile, operates in any position
- Single speed
- Rugged steel pump body/reservoir with cast aluminum handle
- Has mounting holes for easy, permanent mounting

SPECIFICATIONS

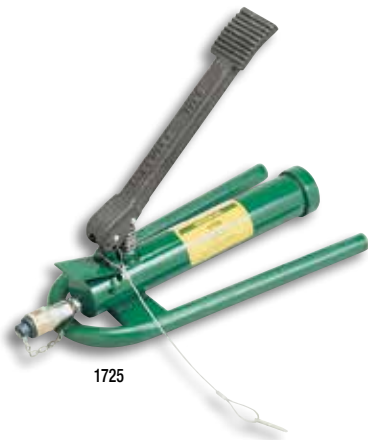
Operation	Manual – Hand
Capacity	6,500 psi (448 bar), .0823 in ³ (13 mm ³) per stroke
Length	13" (330 mm)
Width	4" (102 mm)
Height	4" (102 mm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	kg
767	13284	Hydraulic Hand Pump	6	2.7
04343	04343	Seal Kit Repair for Serial Code ABM		
13800	13800	*Seal Kit Repair for Serial Code 55D & Up		
30242	30242	*Seal Kit Repair for Serial Code 68BG to BG33181628, BG331816 & Up		
30241	30241	Reservoir Follower		

*NOTE: Must also purchase 30241 Follower

NOTE: See next page to select the proper hydraulic hose for this pump.

Hydraulic Foot Pump



1725

- Free both hands to position and hold the working tool
- Foot activated release lever
- Hold-down pin keeps pedal down for storage and transport
- Angled base bar keeps the pump upright and stable
- Includes 1/4" (6.4 mm) female coupler with dust cap

SPECIFICATIONS

Operation	Manual – Foot
Capacity	6,500 psi (448 bar), .117 in ³ (19 mm ³) per stroke
Length	16" (406 mm)
Height	Pedal down 6" (152 mm), Pedal up 12" (305 mm)
Width	8" (203 mm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS	kg
1725	31353	Hydraulic Foot Pump	11	5
33336	33336	Seal Kit w/ VK Serial Code		

NOTE: See next page to select the proper hydraulic hose for this pump.

HYDRAULIC PUMP ACCESSORIES

Hydraulic Hose Selection Guide

TOOL CAT. NO./DESCRIPTION	TOOL COUPLER	PUMP CAT. NO.	HOSE CAT./UPC NO.
750 Cable Cutter	1/4" Female Coupler	767	38316
750 Cable Cutter	1/4" Female Coupler	1725	37729
750 Cable Cutter	1/4" Female Coupler	975	17707
777 Bender	3/8" Female Coupler	755, 975, or 980	11289
782 Bender	3/8" Female Coupler	755 or 975	11289
800 Cable Bender	1/4" Female Coupler	1725	37729
880 Bender	3/8" Female Coupler	755 or 975	11289
882 Bender	3/8" Female Coupler	755 or 975	11289
884 Bender	3/8" Female Coupler	980	11289
885 Bender	3/8" Female Coupler	980	11289
1731 C-Frame Punch Driver	1/4" Female Coupler	767	38316
1731 C-Frame Punch Driver	1/4" Female Coupler	1725	37729
1731 C-Frame Punch Driver	1/4" Female Coupler	755 or 975	11289
SDK2021GL Cable Cutter	3/8" Male Coupler	7475H, 975 or 980	05850, 05851
RK06AT, RK06FT	3/8" Male Coupler	7475H, 975 or 980	05850, 05851
RK1240,	3/8" Male Coupler	7475H, 975 or 980	05850, 05851
RK1550	3/8" Male Coupler	7475H, 975 or 980	05850, 05851

Hydraulic Hose Units

- High pressure hydraulic hose units for use with Greenlee hydraulic pumps
- Equipped with couplers and dust caps



CAT. NO.	UPC NO.	DESCRIPTION
05850*	05850	10' X 1/4" Hose with (1) 3/8" Male Coupler and (1) 3/8" Female Coupler
05851*	05851	10' X 1/4" Non-Conductive Hose with (1) 3/8" Male Coupler and (1) 3/8" Female Coupler
11289*	11289	6' X 3/8" Hose with (2) 3/8" Male Couplers
17707*	17707	10' X 1/4" Hose with (1) 3/8" Male Coupler and (1) 1/4" Male Coupler
37729*	37729	10' X 1/4" Hose with (2) 1/4" Male Couplers
38316	38316	3' X 1/4" Hose with (1) 1/4" Male Coupler and (1) 1/4" NPT Swivel Threaded Fitting
06302	06302	3' X 1/4" Hose with (1) 1/4" NPT Male Threaded Fitting and (1) 1/4" NPT Swivel Threaded Fitting

* Filled with hydraulic oil.

CAT. NO.	UPC NO.	DESCRIPTION	HOSE UNIT CAT./UPC NO.					COUPLER SET CAT./UPC NO.		
			05850	05851	11289	17707	37729	38316	37614	3548GB/ 20573
54167	54167	1/4" (6.4 mm) Female Coupler without Dust Cap							1	
54168	54168	1/4" (6.4mm) Dust Cap for Female Coupler							1	
54169	54169	1/4" (6.4 mm) Male Coupler without Dust Cap				1	2	1	1	
54170	54170	1/4" (6.4 mm) Dust Cap for Male Coupler				1	2	1	1	
4018GB	50807	3/8" (9.6 mm) Female Coupler with Dust Cap								1
4033GB	50823	3/8" (9.6 mm) Male Coupler with Dust Cap			2	1				1
41877	41877	3/8" (9.6 mm) Female Coupler without Dust Cap	1	1						
41941	41941	3/8" (9.6 mm) Male Coupler without Dust Cap	1	1						
41834	41834	3/8" (9.6 mm) Dust Cap for 41941/41877 Couplers	2	2						

NOTES

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