

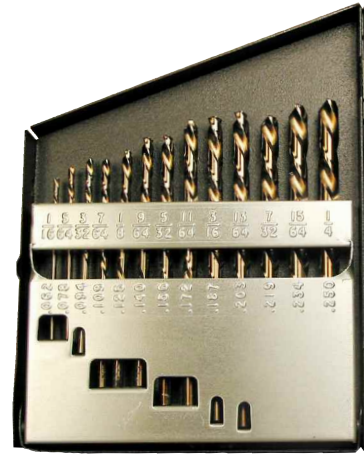
# Specialty Tools

## LEFT-HAND HEAVY DUTY JOBBER LENGTH DRILLS

### Type 190-AL

#### Magnum Super Premium - Left Hand Spiral

- Special Hi-Molybdenum tool steel.
- 135° split point for fast penetration and accurate starting without center punch.
- Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.
- Body and clearance are gold surface treated for maximum lubricity.
- Ideal for removing broken studs.



### TYPE 190-AL LEFT HAND SPIRAL

Part No.	Diameter Inches	Overall Length Inches	Flute Length Inches	Qty. per/pack
92430	1/16	1-7/8	7/8	6
23150	5/64	2	1	6
89290	3/32	2-1/4	1-1/4	6
23160	7/64	2-5/8	1-1/2	6
92440	1/8	2-3/4	1-5/8	6
92441	9/64	2-7/8	1-3/4	6
23170	5/32	3-1/8	2	6
92442	11/64	3-1/4	2-1/8	6
92450	3/16	3-1/2	2-5/16	6
92443	13/64	3-5/8	2-7/16	6
92444	7/32	3-3/4	2-1/2	6
92451	15/64	3-7/8	2-5/8	6
92460	1/4	4	2-3/4	6
92452	17/64	4-1/8	2-7/8	6
92453	9/32	4-1/4	2-15/16	6
23180	19/64	4-3/8	3-1/16	3
92470	5/16	4-1/2	3-3/16	3
92471	21/64	4-5/8	3-5/16	3
92472	11/32	4-3/4	3-7/16	3
92473	23/64	4-7/8	3-1/2	3
92480	3/8	5	3-5/8	3
92481	25/64	5-1/8	3-3/4	3
92482	13/32	5-1/4	3-7/8	3
92483	27/64	5-3/8	3-15/16	3
92490	7/16	5-1/2	4-1/16	3
92491	29/64	5-5/8	4-3/16	3
92492	15/32	5-3/4	4-5/16	3
92493	31/64	5-7/8	4-3/8	3
92500	1/2	6	4-1/2	3

### TYPE 190-AL LEFT-HAND SPIRAL SETS

**8 Pcs**

Part No.	Description of Sizes	Qty of each
87650	LF-8 1/16-1/2 by 16ths	1

**12 Pcs**

Part No.	Description of Sizes	Qty of each
87651	LF-12 1/16-5/16 by 32nds 3/8, 7/16 & 1/2	1

**13 Pcs**

Part No.	Description of Sizes	Qty of each
87652	LF-13 1/16-1/4 by 64ths	1

**15 Pcs**

Part No.	Description of Sizes	Qty of each
87654	LF-15 1/16 - 1/2 by 32nds	1

**17 Pcs**

Part No.	Description of Sizes	Qty of each
87853	LF-17 1/16-1/4 by 64ths, 5/16-1/2 by 16ths	1

**29 Pcs**

Part No.	Description of Sizes	Qty of each
87854	LF-29 1/16-1/2 by 64ths	1

### Broken Bolt Remover Combo

#### Type 420-AL

- Carded left hand drill combined with spiral style screw extractor is ideal for removing broken studs.

Part No.	Screw Extractor Number	Description of Sizes	Qty of each
30130	EX-1	3/32 LH drill	1
30140	EX-2	1/8 LH drill	1
30150	EX-3	3/16 LH drill	1
30160	EX-4	1/4 LH drill	1
30170	EX-5	5/16 LH drill	1



**29 Pcs - Ultra Dex**

Part No.	Description of Sizes	Qty of each
87859	LF-29P 1/16-1/2 by 64ths	1

**PRODUCT: TIPS**  
Bolt Remover Sets Include BOTH Left-Hand Spiral Drills and Bolt/Screw Extractors.

Proudly Manufactured in the U.S.A

• America's Finest High Speed Steel Cutting Tools

• Call Toll Free

**1.800.328.4655**

Specialty Tools - Left Hand Spiral Drills & Broken Bolt Extractor