

# **Hi-Carbon Specialty Tools**

## **HI-CARBON SCREW, STUD & PIPE EXTRACTORS**

#### **Type 420**

Screw & Pipe Extractors Hi-Carbon Steel - Spiral Style

- Remove broken screws, bolts, threaded parts, and pipes.
- · Broken piece is extracted with out damage to threads.



**To remove the broken threaded part:** Drill a hole in the end of the broken part (left hand spiral heavy duty drills are recommended for this drilling operation), insert extractor, then turn counterclockwise using a wrench on the exposed end of the extractor.

TYPE 420 SCREW & PIPE EXTRACTORS							
Part #	Screw Extractor Number	To remove Diameter of Screw	Diameter. of Screw Extractor Shank Point		Drill Size	No. per/pack	
57100	EX-1	3/32" to 5/32"	1/8"	.060	5/64"	5	
57110	EX-2	5/32" to 7/32"	3/16"	.080	7/64"	5	
57120	EX-3	7/32" to 9/32"	1/4"	1/8	5/32"	5	
57130	EX-4	9/32 to 3/8" and 1/8" pipe	5/16"	3/16	1/4"	5	
57140	EX-5	3/8 to 5/8" and <b>1/4" pipe</b>	7/16"	1/4	17/64"	5	
57150	EX-6	5/8 to 7/8" and <b>3/8" pipe</b>	5/8"	3/8	13/32"	1	
57160	EX-7	7/8 to 1-1/8" and 1/2" pipe	7/8"	15/32	17/32"	1	
57170	EX-8	1-1/8 to 1-3/8 and 3/4" pipe	11/32"	3/4	13/16"	1	
57180	EX-9	1-3/8" up and <b>1" pipe</b>	1-9/32"	1	1-1/8"	1	
TYPE 420 SCREW & PIPE EXTRACTORS - CARDED							
57107	EX-1	3/32 to 5/32"	1/8	.060	5/64"	1	
57117	EX-2	5/32 to 7/32"	3/16	.080	7/64"	1	
57127	EX-3	7/32 to 9/32	1/4	1/8	5/32"	1	
57137	EX-4	9/32 to 3/8 and 1/8" pipe	5/16	3/16	1/4"	1	
57147	EX-5	3/8 to 5/8 and 1/4" pipe	7/16	1/4	17/64"	1	

**Type 421-UB** 

## Studout <sup>™</sup> Screw, Stud and Pipe Extractors - Square Style Forged Hi-Carbon Steel



• The square shape of these extractors gives the tools the ability to remove broken bolts, screws, and pipes with minimum deformation of the broken part.

• These extractors will not chew up or expand the object being removed.

To remove the broken threaded part: Drill a hole in the end of the broken part (left hand spiral heavy duty drills are recommended for this drilling operation), insert extractor, then turn counterclockwise using a wrench on the exposed end of the extractor.

#### TYPE 421-UB STUDOUT ™ SCREW, STUD & PIPE EXTRACTOR

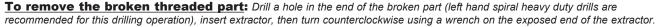
	Screw Extractor	To remove Diameter	Diameter. of Screw Extractor		No.
Part #	Number	of Screw	Shank Point	Drill Size	per/pack
70760	E-1	3/16" - 9/32"	3/16" 1/8"	1/8"	5
70770	E-2	9/32" - 11/32"	1/4" 11/64"	3/16"	5
70780	E-3	11/32" - 1/2"	5/16" 7/32"	1/4"	5
70800	E-4	1/2" - 3/4"	3/8" 9/32"	5/16"	5
70810	E-5	5/8" - 7/8"	7/16" 21/64"	3/8"	5
70820	E-6	7/8" - 1"	1/2" 7/16"	1/2"	1
70830	E-7	1" - 1-1/4"	5/8" 1/2"	9/16"	1
70860	E-8	1-1/8" - 1-1/2"	3/4" 9/16"	5/8"	1
70870	E-9	1-1/4" - 1-3/4"	7/8" 5/8"	11/16"	1

### **Type 421-USA**

## Screw, Stud & Pipe Extractors - Square Style Forged Hi-Carbon Steel

• The square shape of these extractors gives the tools the ability to remove broken bolts, screws, and pipes with minimum deformation of the broken part.

• These extractors will not chew up or expand the object being removed.



TYPE 421-USA SCREW, STUD & PIPE EXTRACTOR								
	Screw Extractor	To remove Diameter	Diameter. of Screw Extractor		No.			
Part #	Number	of Screw	Shank Point	<b>Drill Size</b>	per/pack			
20890	E-1	3/16" - 9/32"	3/16" 1/8"	1/8"	5			
20900	E-2	9/32" - 11/32"	1/4" 11/64"	3/16"	5			
20910	E-3	11/32" - 1/2"	5/16" 7/32"	1/4"	5			
20920	E-4	1/2" - 3/4"	3/8" 9/32"	5/16"	5			
20930	E-5	5/8" - 7/8"	7/16" 21/64"	3/8"	5			
20940	E-6	7/8" - 1"	1/2" 7/16"	1/2"	1			
20950	E-7	1" - 1-1/4"	5/8" 1/2"	9/16"	1			
20960	E-8	1-1/8" - 1-1/2"	3/4" 9/16"	5/8"	1			
20970	E-9	1-1/4" - 1-3/4"	7/8" 5/8"	11/16"	1			

**Call Toll Free**