






Serious Solutions for Stuck Fasteners

IRWIN® Tools has the solution to deal with a stuck fastener, a rounded or broken head, a snapped stud, or a stripped screw or fitting. Five different styles of extractors give you extra gripping power to remove problem fasteners without damaging workpieces.

Remove the Guesswork in Fastener Extraction

Fasteners vary widely in composition and hardness. That's why IRWIN has many different products for removing damaged fasteners and parts. Each extraction tool is specifically designed to take into account the material involved in order to make removal easier. The guidelines below will help you choose the tool that will deliver the optimal results for your particular situation.

Extractor Type	Benefits	Fastener Size Range	Drive Tool
Straight Flute 	<ul style="list-style-type: none"> Extracts without expanding material Ideal for pipes and fittings Works on left-hand or right-hand threads 	3/16" - 7/8"	<ul style="list-style-type: none"> Tap Wrench Wrench Socket Wrench WISE-GRIP® Locking Pliers IRWIN Tap Adaptors
Spiral Screw 	<ul style="list-style-type: none"> Spiral bites into harder materials with increasing torque Flutes embed deeper with each turn 	3/32" - 2-1/2"	<ul style="list-style-type: none"> Tap Wrench Wrench Socket Wrench WISE-GRIP Locking Pliers IRWIN Tap Adaptors
Multi-Spline Screw 	<ul style="list-style-type: none"> Low profile enables use in confined areas Provides most torque of internal extractors Engages fastener without a deep hole 	1/8" - 7/8"	<ul style="list-style-type: none"> Flat Wrench Socket Wrench WISE-GRIP Locking Pliers
Bolt Extractor 	<ul style="list-style-type: none"> Engages rusted-over, painted-on, and stripped-out bolts Grips broken, worn, or stubborn fasteners Drive with a variety of tools 	1/4" - 1"	<ul style="list-style-type: none"> Socket Wrench Wrench WISE-GRIP Locking Pliers
POWER-GRIP™ Screw & Bolt Extractors 	<ul style="list-style-type: none"> Grips rusted, painted, stripped, and even round-head fasteners and screws Easily fits into drill or power driver with quick change shank 	3/16" - 1/2"	<ul style="list-style-type: none"> Power Drill WISE-GRIP Locking Pliers

EXTRACTORS

Guide for Using Screw Extractors

Drill a hole in the threaded part or fastener to be removed. Drill deep enough for the extractor to grip without bottoming out. For best results, use a left-handed drill bit. Insert the extractor and turn with a wrench or drive tool.

HANSON® BOLT-GRIP® 5-piece Lugnut Specialty Set



54125

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item # 54125
3/4"	19 mm	1/2"	53914
13/16"	21 mm	1/2"	53915
7/8"	22 mm	1/2"	53916
15/16"	24 mm	1/2"	53917
1"	—	1/2"	53918

5-piece HANSON BOLT-GRIP Base Set



394001

- Includes most commonly used sizes
- Engineered to grip bolts in almost any condition
- Case accommodates Expansion Set (#394002)

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item # 394001
3/8"	—	3/8"	53903
7/16"	11 mm	3/8"	53905
1/2"	—	3/8"	53907
9/16"	14 mm	3/8"	53909
5/8"	16 mm	3/8"	53910

5-piece HANSON BOLT-GRIP Expansion Set



394002

- Provides additional diameters to address a complete range of fastener sizes

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item # 394002
5/16"	8 mm	3/8"	53902
—	10 mm	3/8"	53904
—	13 mm	3/8"	53908
11/16"	—	3/8"	53912
3/4"	19 mm	3/8"	53913

5-piece HANSON BOLT-GRIP Deep Well Set



3094001

- Longer profile and smaller head to fit in smaller areas
- Reaches recessed fasteners and fits over exposed studs

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item # 3094001
3/8"	—	3/8"	59903
7/16"	11 mm	3/8"	59905
1/2"	—	3/8"	59907
9/16"	14 mm	3/8"	59909
5/8"	16 mm	3/8"	59910

7-piece HANSON POWER-GRIP™ Set



394100

- Reverse spiral teeth provide maximum gripping power
- 1/4" hex shank fits most drills and Quick Change Adaptors

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item # 394100
3/16"	—	1/4"	394100A
1/4"	—	1/4"	394101A
5/16"	8 mm	1/4"	394102A
3/8"	—	1/4"	394103A
—	10 mm	1/4"	394104A
7/16"	11 mm	1/4"	394105A
1/2"	—	1/4"	394107A