

Double-Edged Bolt & Screw Extractors from Rennsteig



Nothing is more frustrating than when a bolt or screw breaks



The Rennsteig Double-Edged Bolt Extractors represent a new generation of tools to easily remove damaged bolts and screws.

Key Features:

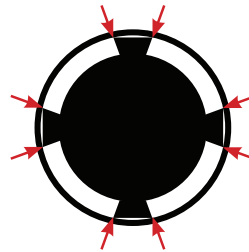
- four-double edged cutting / gripping edges = 8 points of contact
- non-slip engagement removes even the toughest frozen bolts
- tip has built-in center punch, no additional tool required
- for both left and right-handed threads
- 7 sizes available
- made of High Alloy German Chrome Vanadium steel for a long life

5 Easy Steps

1. Mark the center point for your drill hole using the built-in center punch on the extractor
2. Drill a hole in the bolt
3. Drive the bolt extractor into the bore hole until the cutting edges are in full contact with the broken bolt
4. Use a wrench, pliers or socket to remove the bolt out of the thread hole – turn it either clockwise or counterclockwise
5. After unscrewing, remove the damaged screw or bolt from the extractor

Center point for centering the drill hole

8 points of contact with drilled out broken bolt



Cutting edges for non-slip engagement

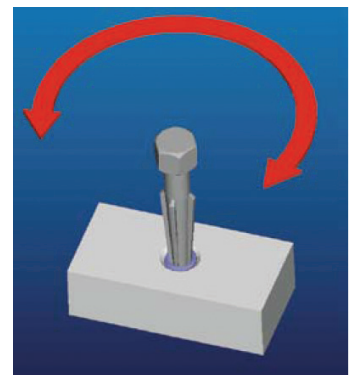
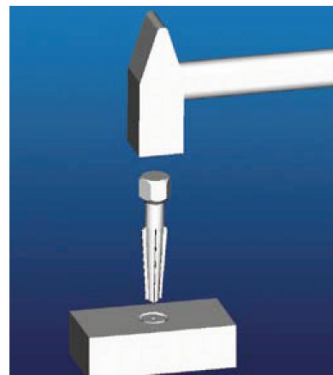
Made of High Alloy German Chrome Vanadium Steel

Hexagonal driving head for optimum torque

58% larger driving hex head for a better wrench grip compared to a square head style



Rennsteig is a division of the KNIPEX Group that specializes in the manufacturing and development of high quality tools. For over 30 years, Rennsteig has been manufacturing products designed for maximum performance, ease of use and long life.



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Range of Options

The Rennsteig bolt and screw extractors are available as individual pieces in a plastic case or as sets in either a plastic tube, vinyl pouch or metal case. All of the packaging options can be used to store the products between uses to help keep them clean, sharp and safe.



Individual Pieces

Product Number	Size	Drill Diameter		Driving Hex Head Size	Bolt Sizes		ounces	Packaging
		min	max		min	max		
9R 471 001 3	1	1/8" (3.2 mm)	3/16" (4.8 mm)	1/4" (7 mm)	3/16"	1/4"	0.3	
9R 471 002 3	2	3/16" (4.8 mm)	9/32" (7.1 mm)	3/8" (10 mm)	5/16"	3/8"	0.6	
9R 471 003 3	3	1/4" (6.4 mm)	3/8" (9.5 mm)	1/2" (13 mm)	7/16"	1/2"	1.2	
9R 471 004 3	4	11/32" (8.7 mm)	1/2" (12.7 mm)	5/8" (16 mm)	1/2"	9/16"	2.0	
9R 471 005 3	5	7/16" (11.1 mm)	5/8" (15.9 mm)	3/6" (19 mm)	5/8"	3/4"	3.1	
9R 471 006 3	6	9/16" (14.3 mm)	3/4" (19.1 mm)	7/8" (22 mm)	7/8"	1"	4.6	
9R 471 007 3	7	3/4" (19.1 mm)	15/16" (23.8 mm)	1" (26 mm)	1"	>1"	7.2	

Sets

Product Number	Description	Sizes	Packaging
9R 471 903 3	Screw Extractor Double-Edged Set - 3 Piece	1-3	Plastic Tube
9R 471 900 3	Screw Extractor Double-Edged Set - 5 Piece	1-5	Vinyl Pouch
9R 471 901 3	Screw Extractor Double-Edged Set - 5 Piece	1-5	Metal Case
9R 471 904 3	Screw Extractor Double-Edged Set - 5 piece	1-5	Plastic Tube

