

Ezy-Out® Screw Extractor Information

Screw extractors sets available - See our web page or call for information



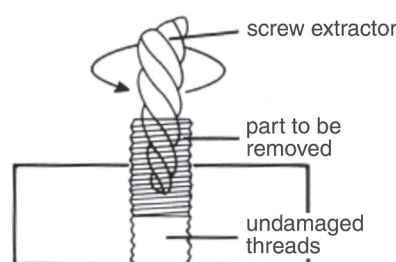
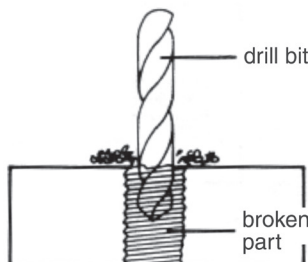
extractor number	small end (in)	large end (in)	overall length (in)	screw size	pipe size	use this drill size
#1	.054	.156	2.000	#8 - 1/4	--	5/64
#2	.080	.188	2.375	#12 - 5/16	--	7/64
#3	.125	.250	2.688	5/16 - 7/16	--	5/32
#4	.188	.328	2.875	7/16 - 9/16	--	1/4
#5	.250	.438	3.375	9/16 - 3/4	1/8, 1/4	9/32
#5-1/4	.343	.531	3.375	11/16 - 15/16	1/4	23/64
#6	.375	.594	3.750	3/4 - 1	3/8	13/32
#6-3/8	.468	.687	3.750	15/16 - 1-1/8	3/8	31//64
#7	.500	.750	4.125	1 - 1-3/8	1/2	17/32
#7-1/2	.593	.875	4.125	1-1/8 - 1-1/2	1/2	39/64
#8	.750	1.000	4.375	1-3/8 - 1-3/4	3/4	13/16
#9	1.000	1.281	4.625	1-3/4 - 2-1/8	1	1-1/16
#10	1.250	1.563	5.000	2-1/8 - 2-1/2	1-1/4	1-5/16
#11	1.500	1.875	5.625	2-1/2 - 3	1-1/2	1-9/16
#12	1.875	2.313	6.250	3 - 3-1/2	2	1-15/16

NOTE: Recommended drill size and extractor size shown above are for normal conditions. Unusual conditions will require the use of other size extractors and drills, depending on the length of the broken section and the depth of the hole. In general, use the largest possible screw extractor.

TECH TIPS

Use Screw Extractors to Remove Broken Screws and Bolts

Screw extractors are often used in maintenance departments, machine shops, garages, and workshops to remove broken screws, bolts, or other threaded parts.



To remove a broken screw, follow this procedure.

- Drill a hole into the broken screw using the recommended drill size from the table above.
- Insert the proper screw extractor into the hole and start a counter-clockwise (left-hand) rotation using a tap wrench on the square on the shank.
- The extractor will grip the wall of the hole in the screw and back the screw out without damaging the threads.
- A penetrating oil can be helpful in removing rusty or corroded parts.

