

CHAMPION

Screw Extractors

List No. X1

Left Hand / Spiral Flute



Description: For the removal of broken screws, studs, bolts or pipe fittings. The left hand rotation of the tapered flutes forces out almost any right hand threaded part. Penetrating oil can be helpful in removing rusty or corroded parts.

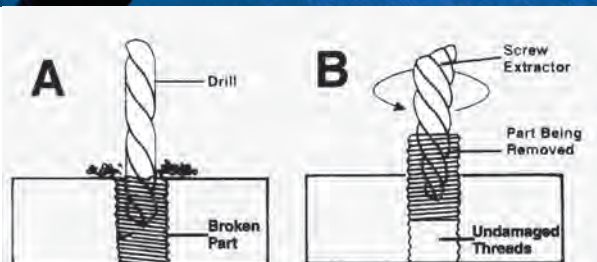
Sizes X1 thru X5 are available in an iPac combination pack with the relevant left hand XL5 drill bit.

List No. X2

Straight Flute Extractors



X2 extractors are used by first hammering them into the broken bolt.



To remove a broken screw:

Drill a hole in the broken screw with the recommended diameter drill (fig. A).

Insert the proper screw extractor into the hole and start a counterclockwise (left-hand) rotation (fig. B).

Please specify X2 to order Straight Flute Screw Extractors

EDP No./ Diameter	Diameter Small End	Diameter Large End	Overall Length	For Bolt Sizes	For Pipe Sizes	Drill Size
X1-1*/ X2-1	.054	5/32	2	3/16 to 1/4	—	5/64
X1-2*/ X2-2	.80	3/16	2-3/8	1/4 to 5/16	—	7/64
X1-3*/ X2-3	1/8	1/4	2-11/16	5/16 to 7/16	—	5/32
X1-4*/ X2-4	3/16	21/64	2-7/8	7/16 to 9/16	—	1/4
X1-5*/ X2-5	1/4	7/16	3-3/8	9/16 to 3/4	1/8, 1/4	19/64
X1-6 / X2-6	3/8	19/32	3-3/4	3/4 to 1-3/8	3/8	13/32
X1-7 / X2-7	1/2	3/4	4-1/8	1 to 1-3/8	1/2	17/32
X1-8	3/4	1	4-3/8	1-3/8 to 1-3/4	3/4	13/16
X1-9	1	1-9/32	4-5/8	1-3/4 to 2-1/8	1	1-1/16
X1-10	1-1/4	1-9/16	5	2-1/8 to 2-1/2	1-1/4	1-5/16
X1-11	1-1/2	1-7/8	5-5/8	2-1/2 to 3	1-1/2	1-9/16
X1-12	1-7/8	2-15/16	6-1/4	3 to 3-1/2	2	1-15/16

(**) Combination X1/XL5LH iPac available

Combination Drill & Screw Extractors Sets



EDP No./ Diameter	Includes
X1-XL5LH	XL5LH Drills 5/64, 7/64, 5/32, 1/4, 19/64 and Screw Extractors #1-5
X1-705LH	705LH Drills 5/64, 7/64, 5/32, 1/4, 19/64 and Screw Extractors #1-5

Screw Extractor Sets



EDP No./ Diameter	Includes
X1-1-5	Screw Extractors #1-5
X1-1-6	Screw Extractors #1-6
X2-1-5	Straight Flute Extractors #1-5
X2-1-6	Straight Flute Extractors #1-6

CHAMPION
CUTTING TOOL CORP.