

Bolt/screw extractors No. 49

Made of tough chrome-vanadium steel

For removing broken bolts, type series 49

Using a spiral bit (see table) drill a hole in the item to be removed. Then, insert the extractor and turn counterclockwise to extract.



German version (with narrow flutes), type series 49

Art. no.	For bolt sizes mm	"	Spiral drill bit mm	g	4021176	
49-1	3- 6	$\frac{1}{8}$ - $\frac{1}{4}$	1.8	3	018008	5
49-2	6- 8	$\frac{1}{4}$ - $\frac{5}{16}$	3.2	5	018183	5
49-3	8-11	$\frac{5}{16}$ - $\frac{7}{16}$	4.5	12	018268	5
49-4	11-14	$\frac{7}{16}$ - $\frac{9}{16}$	6.5	25	018343	5
49-5	14-18	$\frac{9}{16}$ - $\frac{3}{4}$	8.5	45	018428	5
49-6	18-24	$\frac{3}{4}$ - 1	12.0	90	018596	5
49-7	24-33	1 - $1\frac{3}{8}$	15.3	170	018671	5
49-8	33-45	$1\frac{3}{8}$ - $1\frac{3}{4}$	20.0	290	018756	5
49-9	45-52	$1\frac{3}{4}$ - $2\frac{1}{8}$	25.0	550	018831	5
49-A	Set of 5 extractors, sizes 1-5, in plastic case			125	018916	1
49-B	Set of 6 extractors, sizes 1-6 in plastic case			230	019098	1
49-C	Set of 8 extractors, sizes 1-8 in plastic case			720	019173	1



American version (with broad flutes), type series 49-0

according to GM and Opel specifications

Art. no.	For bolt sizes mm	"	Spiral drill bit mm	g	4021176	
49-01	3- 6	$\frac{1}{8}$ - $\frac{1}{4}$	1.8	4	490569	5
49-02	6- 8	$\frac{1}{4}$ - $\frac{5}{16}$	3.0	6	490644	5
49-03	8-11	$\frac{5}{16}$ - $\frac{7}{16}$	4.0	15	490729	5
49-04	11-14	$\frac{7}{16}$ - $\frac{9}{16}$	6.0	26	490804	5
49-05	14-18	$\frac{9}{16}$ - $\frac{3}{4}$	8.0	46	490989	5
49-06	18-24	$\frac{3}{4}$ - 1	12.0	91	491061	5
49-0-S	Set of 6 extractors, sizes 1-6, in plastic pouch			200	491146	1



„Super Traction“ version, type series 49-T

This innovative extractor, with its optimized engagement geometry, combines the advantages of the finely fluted German version with those of bolt/screw extractors with angular gripping geometry, namely less requisite depths of bore and substantially higher transferable extraction torques.

Art. no.	For nut sizes mm	"	Spiral drill bit mm	g	4021176	
49-T-1	4- 5	$\frac{1}{8}$ - $\frac{1}{4}$	2.0	3	758461	5
49-T-2	5- 7	$\frac{1}{4}$ - $\frac{5}{16}$	3.2	7	758539	5
49-T-3	8-12	$\frac{5}{16}$ - $\frac{1}{2}$	4.5	14	758614	5
49-T-4	12-14	$\frac{1}{2}$ - $\frac{5}{8}$	6.5	27	758799	1
49-T-5	16-20	$\frac{5}{8}$ - $\frac{3}{4}$	8.5	46	758874	1
49-T-A	Set of 5 extractors, sizes 1-5, in plastic case			125	758959	1