

# EZ LOK

## THREADED INSERTS



FOR STRONG THREADS IN:

METAL

WOOD

PLASTIC



**THREADED INSERTS  
FOR METAL**

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## STRONG THREADS MADE EASY

**ALL EZ LOK INSERTS INSTALL WITH STANDARD TOOLS  
NO SPECIAL DRILLS... NO SPECIAL TAPS... NO SPECIAL INSTALLATION TOOLS**

E-Z LOK external threads are standard size and pitch to permit use of standard drills and taps. No special tap sizes or installation tools are required.

E-Z LOK inserts will not back out or vibrate loose. Immediately upon installation, microencapsulated adhesive begins to set and the newly installed insert can be fastened to within minutes. In addition, the adhesive seals against liquids and gases to pressures of 6,000 psi, and bonds to virtually all metals.

**EASY REMOVAL** Use a standard screw and bolt extractor to back out a damaged insert and then replace it with a new insert. Removal is simply a matter of overcoming the resistance to torque-out which has been produced by the thread locking material.



Power drive tools are available for high volume installation... See insert tables for catalog numbers and sizes.



## WHAT'S THE DIFFERENCE?



**Q:** What's the difference between E-Z LOK and coil threaded inserts?

**A:** There are two primary differences: design and installation.

### Design

As the name implies, coil inserts are steel wire coiled in a spring-like design. E-Z LOK threaded inserts are screw machined out of solid steel.

## COARSE THREAD SIZES

EZ-LOK Part No.	Internal Thread	External Thread	Length in.	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
329-004	4-40	10-32	.250	5/32	10-32	9/32	—
329-006	6-32	1/4-20	.280	7	1/4-20	11/32	500-006
329-008	8-32	5/16-18	.290	F	5/16-18	7/16	500-1
329-3	10-24	3/8-16	.406	5/16	3/8-16	15/32	500-2
329-4	1/4-20	7/16-14	.437	23/64	7/16-14	1/2	500-3
329-5	5/16-18	1/2-13	.484	27/64	1/2-13	9/16	500-4
329-6	3/8-16	9/16-12	.515	31/64	9/16-12	19/32	500-5
329-7	7/16-14	5/8-11	.656	17/32	5/8-11	23/32	500-6
329-8	1/2-13	3/4-10	.656	21/32	3/4-10	3/4	500-7
329-801	1/2-13	3/4-10	1.000	21/32	3/4-10	3/4	500-7
329-9	9/16-12	3/4-10	.656	21/32	3/4-10	3/4	500-7
329-10	5/8-11	7/8-9	.687	49/64	7/8-9	13/16	500-8
329-1018	5/8-11	7/8-9	1.125	49/64	7/8-9	1-1/4	500-8
329-12	3/4-10	1-8	.781	7/8	1-8	7/8	500-9
329-14	7/8-9	1-1/4-7	1.125	1-7/64	1-1/4-7	1-1/4	—
329-16	1-8	1-3/8-12	1.250	1-9/32	1-3/8-12	1-3/8	—

## FINE THREAD SIZES

EZ-LOK Part No.	Internal Thread	External Thread	Length in.	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
329-332	10-32	3/8-16	.406	5/16	3/8-16	15/32	500-2
329-428	1/4-28	7/16-14	.437	23/64	7/16-14	1/2	500-3
329-524	5/16-24	1/2-13	.484	27/64	1/2-13	9/16	500-4
329-624	3/8-24	9/16-12	.515	31/64	9/16-12	19/32	500-5
329-720	7/16-20	5/8-11	.656	17/32	5/8-11	23/32	500-6
329-820	1/2-20	3/4-10	.656	21/32	3/4-10	3/4	500-7
329-918	9/16-18	3/4-10	.656	21/32	3/4-10	3/4	500-7
329-10F	5/8-18	7/8-9	.687	49/64	7/8-9	13/16	500-8
329-1216	3/4-16	1-8	.781	7/8	1-8	7/8	500-9
329-1414	7/8-14	1-1/4-7	1.125	1-7/64	1-1/4-7	1-1/4	—
329-1614	1-14	1-3/8-12	1.250	1-9/32	1-3/8-12	1-3/8	—

## THIN WALL — COARSE THREAD SIZES

EZ-LOK Part No.	Internal Thread	External Thread	Length in.	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
319-3	10-24	5/16-18	.312	I	5/16-18	.375	500-2
319-4	1/4-20	3/8-16	.375	Q	3/8-16	.437	500-3
319-5	5/16-18	7/16-14	.437	X	7/16-14	.500	500-4
319-6	3/8-16	1/2-13	.500	29/64	1/2-13	.560	500-5
319-7	7/16-14	9/16-12	.560	33/64	9/16-12	.620	500-6
319-8	1/2-13	5/8-11	.620	37/64	5/8-11	.680	500-7

## THIN WALL — FINE THREAD SIZES

EZ-LOK Part No.	Internal Thread	External Thread	Length in.	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
319-332	10-32	5/16-18	.312	I	5/16-18	.375	500-2
319-428	1/4-28	3/8-16	.375	Q	3/8-16	.437	500-3
319-524	5/16-24	7/16-14	.437	X	7/16-14	.500	500-4
319-624	3/8-24	1/2-13	.500	29/64	1/2-13	.560	500-5
319-720	7/16-20	9/16-12	.560	33/64	9/16-12	.620	500-6
319-820	1/2-20	5/8-11	.620	37/64	5/8-11	.680	500-7

## EXTRA HEAVY WALL — COARSE THREAD SIZES

EZ-LOK Part No.	Internal Thread	External Thread	Length in.	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
335-4	1/4-20	1/2-13	.484	27/64	1/2-13	9/16	500-3
335-5	5/16-18	9/16-12	.515	31/64	9/16-12	19/32	500-4
335-6	3/8-16	5/8-11	.656	17/32	5/8-11	23/32	500-5
335-8	1/2-13	7/8-9	.687	49/64	7/8-9	13/16	—
335-10	5/8-11	1-8	.781	7/8	1-8	7/8	—

## METRIC THREAD SIZES — METRIC INTERNAL/METRIC EXTERNAL

EZ-LOK Part No.	Internal Thread	External Thread	Length	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
450-3	M3-0.5	M6-1.0	6.5mm	5.1mm	M6-1.0	7.8mm	—
450-4	M4-0.7	M8-1.25	7.5mm	6.9mm	M8-1.25	9.0mm	500-1
450-5	M5-0.8	M8-1.25	7.5mm	6.9mm	M8-1.25	9.0mm	500-1
450-6	M6-1.0	M10-1.5	10.5mm	8.6mm	M10-1.5	12.0mm	500-3
450-8	M8-1.25	M12-1.75	12.5mm	10.4mm	M12-1.75	14.5mm	500-4
450-10	M10-1.5	M16-2.0	17.0mm	14.0mm	M16-2.0	19.0mm	500-5
450-12	M12-1.75	M16-2.0	17.0mm	14.0mm	M16-2.0	19.0mm	500-6
450-16	M16-2.0	M24-3.0	20.0mm	21.0mm	M24-3.0	24.0mm	500-8
450-20	M20-2.5	M36-4.0	30.0mm	33.0mm	M36-4.0	35.0mm	—

## METRIC THREAD SIZES — U.S. INTERNAL/METRIC EXTERNAL

EZ-LOK Part No.	Internal Thread	External Thread	Length	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
550-006	6-32	M6-1.0	6.5 mm	5.1mm	M6-1.0	7.8mm	—
550-008	8-32	M8-1.25	7.5 mm	6.9mm	M8-1.25	9.0mm	500-1
550-1024	10-24	M8-1.25	7.5 mm	6.9mm	M8-1.25	12.0mm	500-2
550-1032	10-32	M8-1.25	7.5 mm	6.9mm	M8-1.25	12.0mm	500-2
550-1420	1/4-20	M10-1.5	10.5 mm	8.6mm	M10-1.5	14.5mm	500-3
550-5	5/16-18	M12-1.75	12.5 mm	10.4mm	M12-1.75	14.5mm	500-4
550-6	3/8-16	M16-2.0	17.0 mm	14.0mm	M16-2.0	19.0mm	500-5
550-8	1/2-13	M16-2.0	17.0 mm	14.0mm	M16-2.0	19.0mm	500-7

## METRIC THREAD SIZES — METRIC INTERNAL/U.S. EXTERNAL

EZ-LOK Part No.	Internal Thread	External Thread	Length	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
650-6	M6-1.0	3/8-16	.406	5/16	3/8-16	15/32	500-3
650-8	M8-1.25	1/2-13	.484	27/64	1/2-13	9/16	500-4
65010	M10-1.50	9/16-12	.515	31/64	9/16-12	19/32	500-5
650-10F	M10-1.25	9/16-12	.515	31/64	9/16-12	19/32	500-5
650-12	M12-1.75	3/4-10	.656	21/32	3/4-10	3/4	500-6
650-14	M14-2.0	7/8-9	.687	49/64	7/8-9	13/16	500-7
650-16	M16-2.0	1-8	.781	7/8	1-8	7-8	500-8

## AUTOMOTIVE DESIGNS

EZ-LOK Part No.	Internal Thread	External Thread	Length	Tap Drill Size	Tap Size
<b>SPARK PLUG SIZES</b>					
329-1008	M10-1.0	9/16-18	.453	33/64	9/16-18
329-1208	M12-1.25	5/8-18	.453	37/64	5/8-18
329-1212	M12-1.25	5/8-18	.703	37/64	5/8-18
750-14	M14-1.25	M18-1.5	11.5mm	16.5mm	M18-1.5
329-1406	M14-1.25	3/4-16	.328	11/16	3/4-16
329-1408	M14-1.25	3/4-16	.453	11/16	3/4-16
329-1412	M14-1.25	3/4-16	.703	11/16	3/4-16
329-1808	M18-1.5	1-12	.453	59/64	1-12
<b>VW CASE SAVERS</b>					
330-10 (Open)	M10-1.50	9/16-12	1.000	31/64	9/16-12
330-11 (Closed)	M10-1.50	9/16-12	1.000	31/64	9/16-12

## COARSE THREAD SIZES IN STAINLESS STEEL

EZ-LOK Part No.	Internal Thread	External Thread	Length in.	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
303-004	4-40	10-32	.250	5/32	10-32	9/32	—
303-006	6-32	1/4-20	.280	7	1/4-20	11/32	—
303-008	8-32	5/16-18	.290	F	5/16-18	7/16	500-1
303-3	10-24	3/8-16	.406	5/16	3/8-16	15/32	500-2
303-4	1/4-20	7/16-14	.437	23/64	7/16-14	1/2	500-3
303-5	5/16-18	1/2-13	.484	27/64	1/2-13	9/16	500-4
303-6	3/8-16	9/16-12	.515	31/64	9/16-12	19/32	500-5
303-7	7/16-14	5/8-11	.656	17/32	5/8-11	23/32	500-6
303-8	1/2-13	3/4-10	.656	21/32	3/4-10	3/4	500-7
303-10	5/8-11	7/8-9	.687	49/64	7/8-9	13/16	500-8
303-12	3/4-10	1-8	.781	7/8	1-8	7/8	500-9

## FINE THREAD SIZES IN STAINLESS STEEL

EZ-LOK Part No.	Internal Thread	External Thread	Length in.	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
303-332	10-32	3/8-16	.406	5/16	3/8-16	15/32	500-2
303-428	1/4-28	7/16-14	.437	23/64	7/16-14	1/2	500-3
303-524	5/16-24	1/2-13	.484	27/64	1/2-13	9/16	500-4
303-624	3/8-24	9/16-12	.515	31/64	9/16-12	19/32	500-5
303-720	7/16-20	5/8-11	.656	17/32	5/8-11	23/32	500-6
303-820	1/2-20	3/4-10	.656	21/32	3/4-10	3/4	500-7

## METRIC THREAD SIZES IN STAINLESS STEEL — METRIC INTERNAL/METRIC EXTERNAL

EZ-LOK Part No.	Internal Thread	External Thread	Length	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
453-3	M3-0.5	M6-1.0	6.5mm	5.1mm	M6-1.0	7.8mm	—
453-4	M4-0.7	M8-1.25	7.5mm	6.9mm	M8-1.25	9.0mm	500-1
453-5	M5-0.8	M8-1.25	7.5mm	6.9mm	M8-1.25	9.0mm	500-1
453-6	M6-1.0	M10-1.5	10.5mm	8.6mm	M10-1.5	12.0mm	500-3
453-8	M8-1.25	M12-1.75	12.5mm	10.4mm	M12-1.75	14.5mm	500-4
453-10	M10-1.5	M16-2.0	17.0mm	14.0mm	M16-2.0	19.0mm	500-5
453-12	M12-1.75	M16-2.0	17.0mm	14.0mm	M16-2.0	19.0mm	500-6
453-16	M16-2.0	M24-3.0	20.0mm	21.0mm	M24-3.0	24.0mm	500-8

## METRIC THREAD SIZES IN STAINLESS STEEL — METRIC INTERNAL/U.S. EXTERNAL

EZ-LOK Part No.	Internal Thread	External Thread	Length	Tap Drill Size	Tap Size	Minimum Full Thread Depth	Drive Tool Catalog No.
653-6	M6-1.0	3/8-16	.406	5/16	3/8-16	15/32	500-3
653-8	M8-1.25	1/2-13	.484	27/64	1/2-13	9/16	500-4
653-10	M10-1.50	9/16-12	.515	31/64	9/16-12	19/32	500-5
653-10F	M10-1.25	9/16-12	.515	31/64	9/16-12	19/32	500-5
653-12	M12-1.75	3/4-10	.656	21/32	3/4-10	3/4	500-6
653-14	M14-2.0	7/8-9	.687	49/64	7/8-9	13/16	500-7
653-16	M16-2.0	1-8	.781	7/8	1-8	7/8	500-8

## INSTALLATION VIDEO



VISIT OUR WEBSITE AT [WWW.EZLOK.COM](http://WWW.EZLOK.COM) TO VIEW A VIDEO DEMONSTRATING THE EASY 1-2-3 INSTALLATION OF E-Z LOK THREADED INSERTS



Prepackaged kits containing a range of sizes are available.

Note: Because E-Z LOK inserts install with standard tools, our kits contain only inserts. Drills and taps are not included.

CARBON STEEL THREAD INSERTS FOR METAL					
Kit Type	Kit Number	Quantity of Inserts	Insert Part Number	Internal Thread	External Thread
Coarse Thread #10 to 7/16"	EZ C107	10	329-3	10-24	3/8-16
		10	329-4	1/4-20	7/16-14
		10	329-5	5/16-18	1/2-13
		10	329-6	3/8-16	9/16-12
		8	329-7	7/16-14	5/8-11
Coarse Thread #10 to 1/2"	EZ C108	10	329-3	10-24	3/8-16
		10	329-4	1/4-20	7/16-14
		10	329-5	5/16-18	1/2-13
		10	329-6	3/8-16	9/16-12
		6	329-8	1/2-13	3/4-10
Coarse Thread 1/2" to 1"	EZ C816	6	329-8	1/2-13	3/4-10
		7	329-10	5/8-11	7/8-9
		7	329-12	3/4-10	1-8
		2	329-16	1-8	1-3/8-12
Fine Thread #10 to 7/16"	EZ F107	10	329-332	10-32	3/8-16
		10	329-428	1/4-28	7/16-14
		10	329-524	5/16-24	1/2-13
		8	329-720	7/16-20	5/8-11
Fine Thread #10 to 1/2"	EZ F108	10	329-332	10-32	3/8-16
		10	329-428	1/4-28	7/16-14
		10	329-524	5/16-24	1/2-13
		10	329-624	3/8-24	9/16-12
		6	329-820	1/2-20	3/4-10
Fine Thread 1/2" to 1"	EZ F816	6	329-820	1/2-20	3/4-10
		7	329-10F	5/8-18	7/8-9
		7	329-1216	3/4-16	1-8
		2	329-1614	1-14	1-3/8-12

CARBON STEEL THREAD INSERTS FOR METAL — METRIC					
Kit Type	Kit Number	Quantity of Inserts	Insert Part Number	Internal Thread	External Thread
M3-0.5 to M8-1.25	EZ M100	10	450-3	M3-0.5	M6-1.0
		10	450-4	M4-0.7	M8-1.25
		10	450-5	M5-0.8	M8-1.25
		10	450-6	M6-1.0	M10-1.5
		10	450-8	M8-1.25	M12-1.75
M8-1.25 to M16-2.0	EZ M200	10	450-8	M8-1.25	M12-1.75
		10	450-10	M10-1.5	M16-2.0
		8	450-12	M12-1.75	M16-2.0
		5	450-16	M16-2.0	M24-3.0
Coarse Thread #10 to 1/2"	EZ M508	10	550-3	10-24	M10-1.5
		10	550-4	1/4-20	M12-1.75
		10	550-5	5/16-18	M12-1.75
		10	550-6	3/8-16	M16-2.0
		6	550-8	1/2-13	M16-2.0
Metric Thread M6 to M12	EZ M612	10	650-6	M6-1.0	3/8-16
		10	650-8	M8-1.25	1/2-13
		10	650-10	M10-1.5	9/16-12
		6	650-12	M12-1.75	3/4-10

STAINLESS STEEL THREAD INSERTS FOR METAL					
Kit Type	Kit Number	Quantity of Inserts	Insert Part Number	Internal Thread	External Thread
Coarse Thread 303 Stainless #10 to 1/2"	EZ C303	10	303-3	10-24	3/8-16
		10	303-4	1/4-20	7/16-14
		10	303-5	5/16-18	1/2-13
		10	303-6	3/8-16	9/16-12
		6	303-8	1/2-13	3/4-10
Fine Thread 303 Stainless #10 to 1/2"	EZ F303	10	303-332	10-32	3/8-16
		10	303-428	1/4-28	7/16-14
		10	303-524	5/16-24	1/2-13
		10	303-624	3/8-24	9/16-12
		6	303-820	1/2-20	3/4-10
M3-0.5 to M8-1.25	EZ M103	10	453-3	M3-0.5	M6-1.0
		10	453-4	M4-0.7	M8-1.25
		10	453-5	M5-0.8	M8-1.25
		10	453-6	M6-1.0	M10-1.5
		10	453-8	M8-1.25	M12-1.75
M8-1.25 to M16-2.0	EZ M203	10	453-8	M8-1.25	M12-1.75
		10	453-10	M10-1.5	M16-2.0
		8	453-12	M12-1.75	M16-2.0
		5	453-16	M16-2.0	M24-3.0
Metric Thread M6 to M12	EZ M613	10	653-6	M6-1.0	3/8-16
		10	653-8	M8-1.25	1/2-13
		10	653-10	M10-1.5	9/16-12
		6	653-12	M12-1.75	3/4-10



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