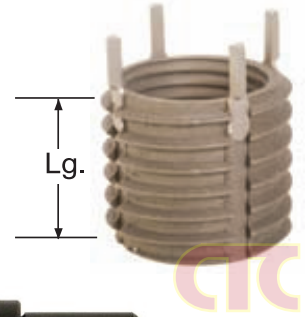


Threaded Inserts

Metric Key - Locking Threaded Inserts

Ideal for quick permanent repair for stripped threads in stainless steel, aluminum, brass and other metals. To install screw in the insert until it is slightly below the surface; then hammer its locking keys into the material using the installation tools sold separately. Inserts with internal thread sizes up to M6 have two locking keys; larger sizes have four locking keys. Inserts are thread class 6g for external threads and 6H for internal threads except metric/inch which are 2A for external threads and 6H for internal threads.

Choose from 18-8 Stainless steel and C1215 black - Phosphate steel.



Removal

- Drill out material between keys and internal thread with standard drill to specified depth.
- Bend keys inward to break off.
- Remove old insert with screw extractor.
- Install replacement insert into the original tapped hole.



Installation

Installation Tools

- Drill out old threads with a standard drill.
- Countersink with a standard (82 °-100 °) countersink.
- Tap new threads with a standard tap.

18-8 Stainless Steel

Internal		External		Insert Length, mm.	Drill Size, mm	Inserts		Installation Tools	
Thread Size	Pitch, mm	Thread/Tap Size	Pitch, mm			Number	Price ฿	Number	Price ฿
M5	0.8	M8	1.25	8	6.9	3A71 5610	---	4A01 0310	---
M6	1	M10	1.25	10	8.8	3A71 5611	---	4A01 0311	---
M8	1	M12	1.25	12	10.8	3A71 5612	---	4A01 0312	---
M8	1.25	M12	1.25	12	10.8	3A71 5613	---	4A01 0313	---
M10	1.25	M14	1.5	14	12.8	3A71 5614	---	4A01 0314	---
M10	1.5	M14	1.5	14	12.8	3A71 5615	---	4A01 0315	---
M12	1.25	M16	1.5	16	14.75	3A71 5616	---	4A01 0316	---
M12	1.75	M16	1.5	16	14.75	3A71 5617	---	4A01 0317	---
M14	2.00	M20	1.5	20	18.75	3A71 5618	---	4A01 0318	---
M14	1.50	M20	1.5	20	18.75	3A71 5619	---	4A01 0319	---
M16	2.00	M22	1.5	22	20.50	3A71 5620	---	4A01 0320	---

Black - Phosphate Steel

Internal		External		Insert Length, mm.	Drill Size, mm	Inserts		Installation Tools	
Thread Size	Pitch, mm	Thread/Tap Size	Pitch, mm			Number	Price ฿	Number	Price ฿
M5	0.8	M8	1.25	8	6.9	0A24 5110	---	0A01 0310	---
M6	1	M10	1.25	10	8.8	0A24 5111	---	0A01 0311	---
M8	1	M12	1.25	12	10.8	0A24 5112	---	0A01 0312	---
M8	1.25	M12	1.25	12	10.8	0A24 5113	---	0A01 0313	---
M10	1.25	M14	1.5	14	12.8	0A24 5114	---	0A01 0314	---
M10	1.5	M14	1.5	14	12.8	0A24 5115	---	0A01 0315	---
M12	1.25	M16	1.5	16	14.75	0A24 5116	---	0A01 0316	---
M12	1.75	M16	1.5	16	14.75	0A24 5117	---	0A01 0317	---
M14	2.00	M20	1.5	20	18.75	0A24 5118	---	0A01 0318	---
M14	1.50	M20	1.5	20	18.75	0A24 5119	---	0A01 0319	---
M16	2.00	M22	1.5	22	20.50	0A24 5120	---	0A01 0320	---

Thick Wall - Inch

Internal Thread Size	External Thread/Tap Size	Insert Length	Drill Size	Inserts		Installation Tools		No. of Inserts	Repair Kits	
				Number	Price ฿	Number	Price ฿		Number	Price ฿
8-32	5/8"-18	5/16"	I	9A17 3380	---	9A18 3420	---	9	9A20 8220	---
10-24	3/8"-16	5/16"	Q	9A17 3381	---	9A18 3421	---	9	9A20 8221	---
10-32	3/8"-16	5/16"	Q	9A17 3382	---	9A18 3422	---	9	9A20 8222	---
1/4"-20	7/16"-14	3/8"	X	9A17 3383	---	9A18 3423	---	8	9A20 8223	---
1/4"-28	7/16"-14	3/8"	X	9A17 3384	---	9A18 3424	---	8	9A20 8224	---
5/16"-18	1/2"-13	7/16"	29/64"	9A17 3385	---	9A18 3425	---	7	9A20 8225	---
5/16"-24	1/2"-13	7/16"	29/64"	9A17 3386	---	9A18 3426	---	7	9A20 8226	---
3/8"-16	9/16"-12	1/2"	33/64"	9A17 3387	---	9A18 3427	---	6	9A20 8227	---
3/8"-24	9/16"-12	1/2"	33/64"	9A17 3388	---	9A18 3428	---	6	9A20 8228	---
7/16"-14	5/8"-11	5/8"	37/64"	9A17 3389	---	9A18 3429	---	6	9A20 8229	---
7/16"-20	5/8"-11	5/8"	37/64"	9A17 3390	---	9A18 3430	---	6	9A20 8230	---
1/2"-13	3/4"-16	5/8"	45/64"	9A17 3391	---	9A18 3431	---	4	9A20 8231	---