

THE **Jergens** DIFFERENCE

Keylocking Inserts

OURS



Jergens keylocking inserts are easy to install with standard drills and taps.

THEIRS



Competitive thread repair devices require special drills, taps, and installation tools.

JERGENS KEYLOCKING INSERTS

VS.

THREAD REPAIR FROM OTHER MANUFACTURERS

Easy installation requires no special tools: uses standard drills and standard taps.

Installation requires special drills, taps, and installation tools.

“Keys” mechanically lock the insert into the base material.

Springs or locking patches do not mechanically lock the insert.

Rated among the highest in pullout strength of any thread repair device on the market.

Less pullout strength versus Jergens inserts.

Wide variety of styles, including thinwall, heavy duty, extra heavy duty, and solid inserts in both stainless steel and carbon steel materials.

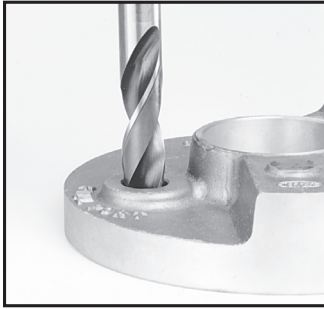
Limited offerings may force you to settle on a device that doesn't meet all of your needs.

Jergens

The Standard Components with the Highest Standards™

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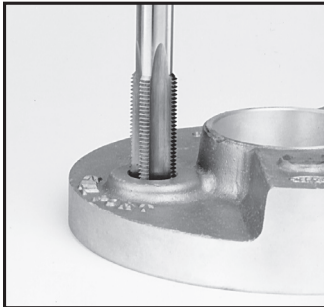
Installation Information



1. Drill to allow full tap depth shown in chart. Note: Tap drill is oversized; see chart below. Countersink as shown in chart.



3. Install insert .010" to .030" below surface.



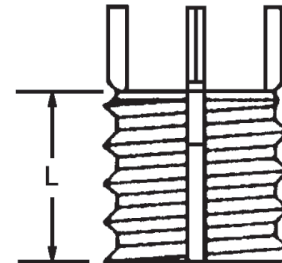
2. Tap to depth shown in chart.



4. Drive keys down with proper installation tool.

Installation Information Preparation of External Threads Prior to Installation (For Keylocking Inserts Only)

Insert		Installation Data			Removal Data	
External Thread Class 2A	Length L	Tap Drill Size	C'sink Dia. +.010 - .000	Minimum Tap Depth	Drill	
					Size	Depth
5/16-18	.31	I	.323	.37	7/32	1/8
3/8-16	.31/.37	Q	.385	.37/.43	9/32	1/8
7/16-14	.31/.37/.43	X	.447	.37/.43/.50	11/32	3/16
1/2-13	.37/.43/.50	29/64	.510	.44/.50/.56	13/32	3/16
9/16-12	.43/.50/.56	33/64	.572	.50/.56/.62	15/32	3/16
5/8-11	.50/.62	37/64	.635	.56/.68	17/32	3/16
3/4-16	.62/.81	45/64	.760	.68/.94	21/32	3/16
7/8-14	.68/.81/.87	53/64	.885	.75/.94/1.0	25/32	3/16
1-12	.87	15/16	1.020	1.0	27/32	5/16
1 1/8-12	1.12	1 1/16	1.145	1.31	31/32	5/16
1 1/4-12	1.12/1.25	1 3/16	1.270	1.31/1.44	1 3/32	5/16
1 3/8-12	1.25/1.37	1 5/16	1.395	1.44/1.56	1 7/32	5/16
1 1/2-12	1.37/1.62	1 7/16	1.520	1.56/1.84	1 11/32	5/16
1 5/8-12	1.81	1 9/16	1.640	2.06	1 15/32	5/16
1 7/8-12	2.00	1 13/16	1.890	2.28	1 23/32	5/16



Removal Information

Jergens Keylocking Inserts can be removed without damage to the parent material.

1. Drill the insert to the size and depth shown under removal data in the chart below.
2. Bend the keys down and break them off.
3. Remove the insert using an E-Z out or similar tool.

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