

Inch Thread Repair Kits

Heli-Coil has complete coverage of inch thread repair sizes. Available from stock are Inch Coarse kits in sizes #8 through 1-1/2" and Inch Fine kits in

sizes #10 through 1-1/2". Kits up to 3/4" are packaged in durable placon or vinyl pouches, and kits 7/8" and larger are packaged in sturdy metal cases and

contain the proper size high speed steel drill. All kits contain a Heli-Coil tap, installation tool, a quantity of inserts and detailed instructions.

INCH COARSE				Kit Contents and Replacement Parts					DRILL SIZE
THREAD SIZE + LENGTH	KIT PART NO.	KIT PKG. TYPE	INSERTS PER KIT	TAP PART NO.	INSTALLATION TOOL PART NO.	TOOL TYPE	PACKAGED INSERT PART NO.	PACKAGED INSERT QTY.	
8-32 x .246	5521-2	A	12	819-2	2288-2	2	R1185-2	12	11/64
10-24 x .285	5521-3	A	12	819-3	2288-3	2	R1185-3	12	13/64
12-24 x .324	5521-1	A	12	819-1	2288-1	2	R1185-1	12	15/64
1/4-20 x .375*	5521-4	A	12	819-4	2288-4	2	R1185-4	12	17/64
5/16-18 x .469*	5521-5	A	12	819-5	2288-5	2	R1185-5	12	21/64
3/8-16 x .562*	5521-6	A	12	819-6	2288-6	2	R1185-6	12	25/64
7/16-14 x .656*	5521-7	A	6	819-7	2288-7	2	R1185-7	6	29/64
1/2-13 x .750*	5521-8	A	6	819-8	2288-8	2	R1185-8	6	17/32
9/16-12 x .844	5521-9	B	6	819-9	2288-9	2	R1185-9	6	19/32
5/8-11 x .938	5521-10	B	6	819-10	2288-10	2	R1185-10	6	21/32
3/4-10 x 1.125	5521-12	B	4	819-12	2288-12	2	R1185-12	4	25/32
THE FOLLOWING KITS COME COMPLETE WITH HIGH SPEED STEEL DRILL BIT FOR 1/2" CHUCK.									
7/8-9 x 1.312	5521-14	C	6	8187-14	3724-14	2	K1185-14	1	29/32
1-8 x 1.500	5521-16	C	6	8187-16	3724-16	2	K1185-16	1	1-1/32
1-1/8-7 x 1.688	5521-18	C	5	8187-18	3724-18	2	K1185-18	1	1-5/32
1-1/4-7 x 1.875	5521-20	C	4	8187-20	3724-20	2	K1185-20	1	1-9/32
1-3/8-6 x 2.062	5521-22	C	4	8187-22	3724-22	2	K1185-22	1	1-13/32
1-1/2-6 x 2.250	5521-24	C	4	8187-24	3724-24	2	K1185-24	1	1-17/32

*Sizes included in Master Thread Repair Set - Part No. 5621

A - Carded B - Pouch C - Metal Case



INCH FINE				Kit Contents and Replacement Parts					DRILL SIZE
THREAD SIZE + LENGTH	KIT PART NO.	KIT PKG. TYPE	INSERTS PER KIT	TAP PART NO.	INSTALLATION TOOL PART NO.	TOOL TYPE	PACKAGED INSERT PART NO.	PACKAGED INSERT QTY.	
10-32 x .285**	5528-3	A	12	821-3	2299-3	3	R1191-3	12	13/64
1/4-28 x .375**	5528-4	A	12	821-4	2299-4	3	R1191-4	12	17/64
5/16-24 x .469**	5528-5	A	12	821-5	2299-5	3	R1191-5	12	21/64
3/8-24 x .562**	5528-6	A	12	821-6	2299-6	3	R1191-6	12	25/64
7/16-20 x .656**	5528-7	A	6	821-7	2299-7	3	R1191-7	6	29/64
1/2-20 x .750**	5528-8	A	6	821-8	2299-8	3	R1191-8	6	33/64
9/16-18 x .844	5528-9	B	6	821-9	2299-9	3	R1191-9	6	37/64
5/8-18 x .938	5528-10	B	6	821-10	2299-10	3	R1191-10	6	41/64
3/4-16 x 1.125	5528-12	B	4	821-12	2299-12	3	R1191-12	4	49/64
THE FOLLOWING KITS COME COMPLETE WITH HIGH SPEED STEEL DRILL BIT FOR 1/2" CHUCK.									
7/8-14 x 1.312	5528-14	C	6	8193-14	535-14	4	K1191-14	1	57/64
1-14 x 1.500	5528-16	C	6	8193-16	535-16	4	K1191-16	1	1-1/64
1-12 x 1.500	5528-161	C	6	8193-161	535-161	4	K1191-161	1	1-1/64
1-1/8-12 x 1.688	5528-18	C	5	8193-18	535-18	4	K1191-18	1	1-5/32
1-1/4-12 x 1.875	5528-20	C	4	8193-20	535-20	4	K1191-20	1	1-9/32
1-3/8-12 x 2.062	5528-22	C	4	8193-22	535-22	4	K1191-22	1	1-13/32
1-1/2-12 x 2.250	5528-24	C	4	8193-24	535-24	4	K1191-24	1	1-17/32

**Sizes included in Master Thread Repair Set - Part No. 5625

Heli-Coil® Applications Guide

Typical Heavy Duty Applications

SIZE	HELI-COIL KIT PART NO.
Oil & Transmission Pan Screws	
1/4-20	5521-4
5/16-18	5521-5
Cylinder Head Bolts	
7/16-14	5521-7
1/2-13	5521-8
9/16-12	5521-9
M10x1.5	5546-10
M11x1.5	5546-11
M11x1.25	5543-11
M12x1.75	5546-12
Exhaust Manifold Studs	
1/4-20	5521-4
1/4-28	5528-4
5/16-18	5521-5
5/16-24	5528-5
3/8-16	5521-6
3/8-24	5528-6
7/16-14	5521-7
7/16-20	5528-7
1/2-20	5528-8
9/16-18	5528-9
5/8-18	5528-10
3/4-10	5521-12
M5x0.8	5546-5
M6x1	5546-6
M8x1.25	5546-8
M10x1.5	5546-10
M10x1.25	5543-10
Starter Bolts	
3/8-16	5521-6
M10x1.5	5546-10
Alternator Bolts	
5/16-18	5521-5
3/8-16	5521-6
M10x1.5	5546-10
Drain Plugs	
1/2-20	5528-8
5/8-18	5528-10
3/4-16	5528-12
7/8-14	5528-14
M12x1.75	5546-12
M14x1.5	5544-14
M16x1.5	5544-16
Brake Caliper Bolts	
M9x1.25	5546-9
M11x1.25	5543-11

Typical Heavy Duty Applications

SIZE	HELI-COIL KIT PART NO.
Aux. Transmission Cases (Fuller)	
3/8-16	5521-6
5/16-18	5521-5
Caterpillar Flywheel Bolts	
3/4-16	5528-12
Cummins Head Bolt	
11/16-16	5559-11
Caterpillar Pre-Combustion Chamber	
3/4-12	4922-12
7/8-12	4922-141
1-12	4922-161
1 1/8-12	4922-18
1 1/4-12	4922-20
Wheel Studs	
3/4-10	5521-12
3/4-16	5528-12
Motor Mounts/Bell Housing	
1/2-13	5521-8
5/8-11	5521-10
Oil Pan	
7/16-14	5521-7
Intake Manifolds	
3/8-16	5521-6
After Coolers	
5/16-18	5521-5
Valve Cover	
3/8-16	5521-6
Detroit Diesel Series "92" Block Head Bolt/Main Bearing	
11/16-11	5575-11
Mack-Scania Head Bolt	
M14x1.5	5544-14
American Bosch APE Diesel Fuel Pumps	
1/4-20	5401-4-1-SL
Spark Plug Hole Threads	
SIZE	HELI-COIL KIT PART NO.
Wire Insert*	
10-1.0mm	5523-10
12-1.25mm	5523-12
14-1.25mm	5523-14
18-1.5mm	5523-18
7/8-18	550
Sav-A-Thread**	
M14x1.25	5334-14 or 5408-14 5409-14

*For gasket type spark plug assemblies only.

**For Taper seat or gasket type spark plug assemblies.

Typical Motorcycle Applications

SIZE	HELI-COIL KIT PART NO.
Motorcycle Thread Repair Set	
M6x1, M8x1.25 and M10x1.25 (2 lengths)	4650
Cam Screw Cover, Tappet Guide, Oil Pump Stud and Timer Mounting	
1/4-24	5540-4
Front/Rear Brake Drum	
3/8-20	5540-6
Head Bolt	
7/16-16	5540-7
Drain Plug - Engine and Transmission	
1/2-13	5521-8-2
Drain Plug - Chain Case	
1/2-20	5528-8-2
Timing Plug	
5/8-18	5528-10-2
Generator Case Bolt	
5/16-18	5521-5-2
Transmission Cover	
5/16-18	5521-5-3
Japanese Motorcycle Head Bolt	
M10x1.25	4647-10-1

Typical Volkswagen Applications

SIZE	HELI-COIL KIT PART NO.
VW Electro Magnetic	
M8x1	5542-8
Fuel Cut Off Jet	
M11x1	5542-11
VW Rabbit Head Bolt Threads	
M11x1.25	5546-11
VW Fuel Injection Head Sensor	
M10x1	5542-10-1

Pipe Thread Kits

SIZE	HELI-COIL KIT PART NO.
1/8-27	5407-2
1/4-18	5407-4
3/8-18	5407-6
1/2-14	5407-8
3/4-14	5407-12
1-11 1/2	5407-16

Heli-Coil® Point of Purchase Displays

Heli-Coil offers effective point-of-purchase displays. They can be counter or pegboard positioned, can stand alone or be combined to build a thread repair center.

They contain only the fastest moving Heli-Coil sizes so you get faster turns and each display requires one cubic foot of space or less. This means more profit per cubic foot. If your

customers need something they don't see, it is available through our extensive network of warehouse distributors. With all this flexibility, you can tailor your thread repair inventory to the customer's needs in your trading area.

Heli-Coil displays are designed with eye catching graphics and high impact packaging — an attractive

addition to your store. All packaging is color coded by thread series for easy identification and customer selection.

INCH COARSE DISPLAY Part No. 5820

KITS			PACKAGED INSERTS	
Qty.	Size	Part No.	Qty.	Part No.
1	1/4-20	5521-4	1	R1185-4
1	5/16-18	5521-5	1	R1185-5
1	3/8-16	5521-6	1	R1185-6
1	7/16-14	5521-7	1	R1185-7
1	1/2-13	5521-8	1	R1185-8
1	M14x1.25	5334-14	1	R5326-14S
			1	R5326-14N
			1	R5326-14L



METRIC DISPLAY Part No. 5829

KITS			PACKAGED INSERTS	
Qty.	Size	Part No.	Qty.	Part No.
1	M6x1	5546-6	1	R1084-6
1	M8x1.25	5546-8	1	R1084-8
1	M9x1.25	5546-9	1	R1084-9
1	M10x1.5	5546-10	1	R1084-10
1	M10x1.25	5543-10	1	R4649-10
1	M11x1.25	5543-11	1	R4649-11



INCH FINE DISPLAY Part No. 5825

KITS			PACKAGED INSERTS	
Qty.	Size	Part No.	Qty.	Part No.
1	10-32	5528-3	1	R1191-3
1	1/4-28	5528-4	1	R1191-4
1	5/16-24	5528-5	1	R1191-5
1	3/8-24	5528-6	1	R1191-6
1	7/16-20	5528-7	1	R1191-7
1	1/2-20	5528-8	1	R1191-8



SAV-A-THREAD® DISPLAY Part No. 5834

Description	Part No.	Qty.
Sav-A-Thread	5334-14	4
R-Pack, Short Insert	R5326-14S	1
R-Pack, Normal Insert	R5326-14N	2
R-Pack, Long Insert	R5326-14L	3