

HeliCoil® Spark Plug & Sav-A-Thread® Master Sets



Spark Plug Repair Kit

The 1st choice of Professional Mechanics and Rebuilders. Heli-Coil is the original in Spark Plug port repair.

Available in M10, M12, M14, M18 and 7/8".

Kits contain:

- Piloted reamer tap (no drilling necessary)
- Installation tool
- Quantity of packaged inserts (can be re-ordered)

The M12 and M14 kits contain several insert lengths to accommodate all spark plug reaches.

Heli-Coil inserts are preferred by virtually all US and foreign vehicle manufacturers.

Note: Do **not** use Heli-Coil inserts wire to repair taper seat spark plug ports.

THREAD SIZE	REACH	KIT PART NO.	INSERTS PER KIT	Kit Contents and Replacement Parts			
				TAP PART NO.	INSTALLATION TOOL PART NO.	INSERT PKG. PART NO.	INSERT QUANTITY
10-1.0mm	1/2"	5523-10	24	1030-10	4971-10	R474-4	6
12-1.25mm	1/2"	5523-12	12	1030-12	4971-12	R482-1	6
	3/4"		12			R482-2	6
14-1.25mm	3/8"	5523-14	6	1030-14	4971-14	R512	6
	7/16"		6			R513	6
	1/2"		6			R513-13	6
	3/4"		6			R513-10	6
	.472		6			R513-20	6
18-1.50mm	1/2"	5523-18	24	1030-18	4971-18	R514-6	6
7/8-18	1/2"-5/8"	550	10	549	548	K518-12	5

Sav-A-Thread® Spark Plug Repair Kit

Sav-A-Thread® solid bushing inserts are specifically designed to accept taper seat spark plug ports and will also repair gasketed spark plug configurations. Sav-A-Thread provides the easiest way to permanently repair spark plug hole threads. Virtually all engines built today have aluminum cylinder heads. The need for quick and easy repairs makes Sav-A-Thread® a must for every store and shop.

Note: Heli-Coil recommends removing the head before installation to insure chips do not enter cylinder.

- Positive mechanical locking feature means the insert will never come out!
- The piloted reamer tap means no drilling is necessary and perfect alignment of the tapped hole.
- Available in kit or set for the do-it-yourselfer and professional engine rebuilder.



Complete Kits

Complete Kits				Kit Contents and Replacement Parts				
SIZE	KIT PART NO.	REACH	INSERTS PER KIT	TAP PART NO.	TOOL PART NO.	REACH	INSERT PKG. PART NO.	INS. QTY.
M14x1.25	5334-14	Short	1	5329-14	5332-14	Short	R5326-14S	1
		Normal	1			Normal	R5326-14N	1
		Long	1			Long	R5326-14L	1
M14x1.25	5408-14	Short	6	5329-14	5332-14	Short	R5326-14S-6	6
		Normal	6			Normal	R5326-14N-6	6
		Long	6			Long	R5326-14L-6	6
M14x1.25	5409-14	Extended	—	5329-14-1	5332-14-1	Extended Reach		

HEAVY DUTY APPLICATIONS

SIZE	HELI-COIL KIT PART NO.
Oil & Transmission Pan Screws	
1/4-20	5521-4
5/16-18	5521-5

SIZE	HELI-COIL KIT PART NO.
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

SIZE	HELI-COIL KIT PART NO.
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

SIZE	HELI-COIL KIT PART NO.
Starter Bolts	
3/8-16	5521-6
M10x1.5	5546-10

SIZE	HELI-COIL KIT PART NO.
Alternator Bolts	
5/16-18	5521-5
3/8-16	5521-6
M10x1.5	5546-10

SIZE	HELI-COIL KIT PART NO.
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

SIZE	HELI-COIL KIT PART NO.
Brake Caliper Bolts	
M9x1.25	5546-9
M11x1.25	5543-11

HEAVY DUTY APPLICATIONS

SIZE	HELI-COIL KIT PART NO.
Aux. Transmission Cases (Fuller)	
3/8-16	5521-6
5/16-18	5521-5

SIZE	HELI-COIL KIT PART NO.
Caterpillar Flywheel Bolts	
3/4-16	5528-12

SIZE	HELI-COIL KIT PART NO.
Cummins Head Bolt	
11/16-16	5559-11

SIZE	HELI-COIL KIT PART NO.
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

SIZE	HELI-COIL KIT PART NO.
Wheel Studs	
3/4-10	5521-12
3/4-16	5528-12

SIZE	HELI-COIL KIT PART NO.
Motor Mounts/Bell Housing	
1/2-13	5521-8
5/8-11	5521-10

SIZE	HELI-COIL KIT PART NO.
Oil Pan	
7/16-14	5521-7

SIZE	HELI-COIL KIT PART NO.
Intake Manifolds	
3/8-16	5521-6

SIZE	HELI-COIL KIT PART NO.
After Coolers	
5/16-18	5521-5

SIZE	HELI-COIL KIT PART NO.
Valve Cover	
3/8-16	5521-6

SIZE	HELI-COIL KIT PART NO.
Detroit Diesel Series "92" Block Head Bolt/Main Bearing	
11/16-11	5575-11

SIZE	HELI-COIL KIT PART NO.
Mack-Scania Head Bolt	
M14x1.5	5544-14

SIZE	HELI-COIL KIT PART NO.
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

SIZE	HELI-COIL KIT PART NO.
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.

SIZE	HELI-COIL KIT PART NO.
Motorcycle Thread Repair Set	
M6x1, M8x1.25 and M10x1.25 (2 lengths)	4650

SIZE	HELI-COIL KIT PART NO.
Cam Screw Cover, Tappet Guide, Oil Pump Stud and Timer Mounting	
1/4-24	5540-4

SIZE	HELI-COIL KIT PART NO.
Front/Rear Brake Drum	
3/8-20	5540-6

SIZE	HELI-COIL KIT PART NO.
Head Bolt	
7/16-16	5540-7

SIZE	HELI-COIL KIT PART NO.
Drain Plug - Engine and Transmission	
1/2-13	5521-8-2

SIZE	HELI-COIL KIT PART NO.
Drain Plug - Chain Case	
1/2-20	5528-8-2

SIZE	HELI-COIL KIT PART NO.
Timing Plug	
5/8-18	5528-10-2

SIZE	HELI-COIL KIT PART NO.
Generator Case Bolt	
5/16-18	5521-5-2

SIZE	HELI-COIL KIT PART NO.
Transmission Cover	
5/16-18	5521-5-3

SIZE	HELI-COIL KIT PART NO.
Japanese Motorcycle Head Bolt	
M10x1.25	4647-10-1

TYPICAL VOLKSWAGEN APPLICATIONS

SIZE	HELI-COIL KIT PART NO.
VW Electro Magnetic	
M8x1	5542-8

SIZE	HELI-COIL KIT PART NO.
Fuel Cut Off Jet	
M11x1	5542-11

SIZE	HELI-COIL KIT PART NO.
VW Rabbit Head Bolt Threads	
M11x1.25	5546-11

SIZE	HELI-COIL KIT PART NO.
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