V-COIL Thread repair set type 1651

V-COIL thread repair set

Drilling: Bore out damaged thread with normal spiral drills. Boring out is not required for spark plug threads - the combined drilling and cutting tool should be used. Please note that larger holes are required for thread formers.

Check: Check the tap and thread bolt for the same thread and gradient.

Thread: Cut the mounting thread in the bored out hole with the special V-COIL taps. The use of cutting oil is recommended.

Installing the thread insert: Place the insert on the tool and make sure that the carrier pin is in the slot opening and then make the right setting with the adjustment ring. Then turn in the thread insert in the thread direction applying light pressure.

Do not turn against the running direction, as the pin can break off.

Breaking the pin: After installation, take the insertion tool out and remove the carrier pin with the pin breaker. The pin should be removed with long nose pliers for larger dimensions and spark plug threads. After completing these steps, a thread is produced that is often better and stronger than the original thread due to the narrow and exact tolerances as well as the spring thread forming.

Application: Thread armouring of materials with low shearing resistance e.g. aluminium and magnesium alloys, in mechanical engineering, in automobile, electro and medical technology and in aviation and aerospace. Thread repair of damaged or worn threads. Reject recovery
Set contents:
1 tap M4; 1 spiral drill 4.2 mm; 1 hand installation tool with fixing ring no. 6; 1 pin breaker no. 6; 20 thread inserts 1.5 x D Supplied in plastic cassette

Pitch thread mm	Article
0.4	W90A-16510100
0.45	W90A-16510110
0.5	W90A-16510120
0.7	W90A-16510130
0.8	W90A-16510140
1	W90A-16510150
1	W90A-16510210
1	W90A-16510170
1	W90A-16510190
1.25	W90A-16510160
1.25	W90A-16510230
1.5	W90A-16510180
1.75	W90A-16510200
2	W90A-16510220

PR_EC012153_0003_EN_06.05.2024