



BIG-SERT Repair Set for M 14 x 1.25 TIME-SERT Thread

Version	Art. No.	Assortment contents
M 18 x 1.5	0661 18	A – F

The BIG-SERT tool set contains no liners* or sealing compound.



	Designation	Art. No.	P. Qty.
A	BIG-SERT Socket Wrench with Tommy Bar	0661 182 1	1
B	BIG-SERT Milling Tool	0661 182 2	
C	BIG-SERT Thread Cutting Tool	0661 182 3	
D	BIG-SERT Liner Setting Tool	0661 182 4	
E	BIG-SERT Screw-In Tool	0661 182 5	
F	BIG-SERT Allen Key	0715 311 32	
G	BIG-SERT DP 300 Non-Hardening Sealing Compound	0890 100 048	



Liners

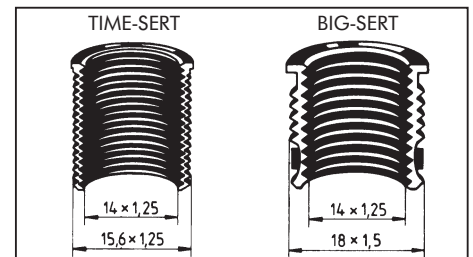
Length in mm	Fig. Art. No. Flat*	Art. No. Tapered*	Art. No. Ford taper with shank*
9.4	0663 180 1	–	–
11.0	0663 180 3	0663 185 3	–
15.0	0663 180 5	0663 185 5	–
16.8	0663 180 7	0663 185 7	0663 185 9

* Liner package with 2 liners

BIG-SERT

For repairing spark plug threads M 14 x 1.25. When repairs with TIME-SERT are no longer possible.

Using the BIG-SERT thread repair set, stripped threads or threads cut with oversizing can be renewed. The BIG-SERT threaded liner is equipped with a screw-out lock. The outside thread of BIG-SERT is M 18 x 1.5. The inside thread is M 14 x 1.25. The maximum diameter for repairs should not exceed 16.3 mm or 0.64 inch.



A notch with an integrated metal pin is provided on the lower thread turns of each liner. When inserting the liner, this pin is pressed outward into the cut-open base material. The catch effect of this pin ensures 100% protection against screwing out of the liner.

Use



Phase 1 – Mill out the damaged thread with the socket wrench/tommy bar (A) and the milling tool (B). The correct milling depth has been reached when the shoulder of the tool (B) rests on the base material. It must be ensured that the milling tool does not jam in the hole.

Phase 2 – Mount thread cutting tool (C) on tool (A) and cut thread. Blow out chips and completely degrease newly cut thread.

Phase 3 – Firmly screw in Allen screw of liner setting tool (D) with Allen key (F) and screw liner onto BIG-SERT liner setting tool. In the process, the sealing compound (G) must be applied in the upper area around the liner shoulder. The liner screwed onto the setting tool (D) and provided with sealing compound must be screwed into the precut thread with the hexagon socket. Relax the liner setting tool (D) by turning the Allen screw counterclockwise. Then screw the setting tool out of the liner with the corresponding socket.

Phase 4 – Place the screw-in tool (E) on the socket wrench/tommy bar (A). Screw the screw-in tool into the liner. Pressing in is completed when the screw-in tool can suddenly be turned further more easily – the screw-in tool can be turned back. The repair is ended.