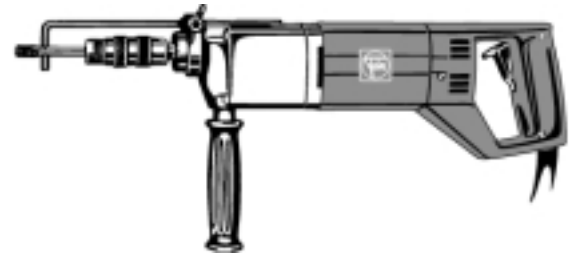


**with electric hand drills**

1. RAMPA Insert is to be screwed-in a few turns by hand onto the stud bolt.
2. Place the RAMPA Insert on the pre-drilled hole of the workpiece. Turn on the machine.
3. The Insert cuts and screws itself into the workpiece. The drill de-clutches when the pre-set drilling depth is reached and reverses rotation when being pulled upward while the stud bolt is turning out of the emplaced RAMPA Insert.

For electric hand drills, the Fein Thread Cutters ASge 636 for threads up to M 6 and ASge 648 for threads up to M 10 as well as Bosch Thread Cutters GGW10E may be used.



The use of RAMPA Drivers type 510 with ball bearing assures that the insert will not jam on the stud bolt. That way the insert will not be pulled out again when removing the stud bolt.

Illustration:  
Fein Thread Cutter type ASge 648 for RAMPA Drivers type 510 (right-hand / left-hand switchable)

**with compressed-air hand drills**

Compressed-air drills can be purchased from

Holger Clasen GmbH u. Co. KG  
Alsterdorfer Straße 234, D-22297 Hamburg  
Telephone +49 (0)40 / 511 280 Fax +49 (0)40 / 511 28111

types TG6/100 up to M 6 internal threads, TG8/100 up to M8 internal threads and type TG12/25 up to M 12 internal threads.

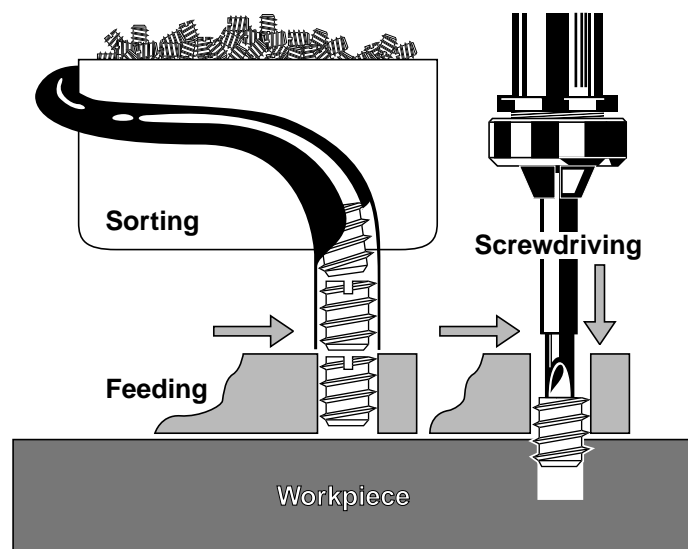
**Electric Screw Driver**

Electric Screw Drivers are suitable for the screwing-in of RAMPA Inserts with hexagonal socket and slot. Please contact specialized dealers directly.

**Magnetic Holder**

RAMPA Magnetic Holders type 516 are suitable for all bits with a 1/4 " drive. The easy-lock chucks allow simple change of bits without removing the holder from the machine.

**Fully automatic screw driving**



This schematic illustration demonstrates the possibility to emplace RAMPA Inserts fully automatically.

Detailed information for the suiting special machines can be requested directly from the manufacturers. On request we will be happy to send their addresses.