

# Efficient weapon systems require customized quick connect couplings.

WALTHER systems are used by all 3 services of the Bundeswehr, in NATO countries and armed forces of many other countries.

WALTHER-PRÄZISION is the specialist for problem solutions in the technique of connecting fluidic or electrical lines.

The tasks are numerous:

- safe/quick connection/separation of single/multiple lines
- quick change of components within complex weapon systems

- rationalizing of test procedures by shortening set-up times
- minimizing maneuver damages by using self-sealing or clean-break valves in the couplings. Thus spillage of dangerous or polluting liquids can be avoided.

The competence of a company is proved by all steps which lead to an optimal solution:

- expert advice
- innovative and creative development
- computer and CAD assisted design
- flexible and automated production

- precise and reliable quality assurance to NATO standard AQUAP 4 and 9.

Numerous patents at home and abroad testify to the innovative development of WALTHER couplings. For decades WALTHER-PRÄZISION has been sought after as a consultant and reliable supplier. The suitability of even standard versions was also proved by shock tests to 50 g carried out by the German Navy. However, beyond that couplings specially designed to specific requirements prove their performance and toughness in every day service.



 **waltHER präZISION**

WALTHER couplings and systems can be found in many applications e. g. the weapon systems:

fighter aircraft Tornado, field howitzer FH 70, main battle tank Leopard I and II, infantry fighting vehicle Wiesel, anti aircraft tank Gepard, anti aircraft rocket Patriot, amphibious vehicles, tent heaters, submarines with different propulsion systems, mine hunting vessels, frigates, aircraft carriers, night vision goggles, test stands for aircraft and tank engines, component specific test beds.

- ① WALTHER multi-coupling on field howitzer FH 70.
  - ② WALTHER mono-coupling with automatic tear off feature for safe canister filling.
  - ③ quick replacement of systems with the help of WALTHER quick-connect couplings.
  - ④ Pressure test of the control unit of the air defense system Patriot with a high pressure stainless steel coupling from WALTHER.
  - ⑤ Couplings to standard Stanag 3595 for pressurized oil replenishment of the Tornado's engines and coupling as overflow valve with additional function as gravity filler. Similar fittings are also used to replenish the wing's transmission with oil.
  - ⑥ + ⑦ Emergency air supply in submarines with WALTHER couplings in non-magnetic stainless steel.
- Other couplings are used in battery cells.

