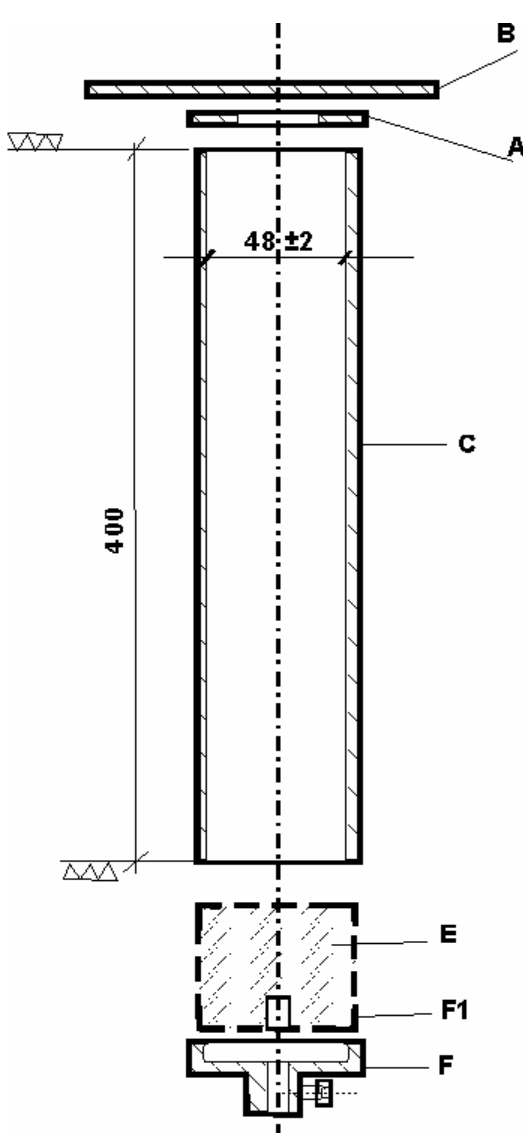


## UN GAP TESTER

Apparatus is used to measure the ability of a material to propagate a detonation by subjecting it to a detonating booster charge under confinement in a steel tube.

The test is described in UN Recommendations on the Transport of Dangerous Goods, Test A.5



The Equipment consisting of:

- Set of 50 Steel Tubes (C), deep drawn acc DIN 2391; 48 outer Ø, length 400 mm, wall thickness 4 mm
- Set of 50 Witness Plates (B), steel ISO 630 150 x 150 x 3 mm
- Set of 50 Spacer Plates (A), steel ISO 630; 60 outer Ø, 47 inner Ø 1,5 mm thick
- Set of 50 Holder (F) for Detonator made of PVC, turned for exact centring and fixation of detonator by plastic screws; outer Ø 55mm; length 30mm
- Set of 100 safety processing rings (E1) for booster charge; made of Al Ø50 x 5 x 4 mm, thickness 0.5 mm

### Optional Accessories

- Pressing Tool for Booster, Charge dimension: Ø 50 x 50 mm, Pressing tool with two moveable pressing pistons, for safety reasons pressing should be done by application of vacuum app. 10 mbar; maximum pressing force: 50 t
- Hydraulic Press, manually working; remote controlled; capacity 50 t; 150 mm free piston moving length; piston spring loaded for return movement; incl. Hydraulic hoses, 10 m safety length and all necessary pressing plates;
- Manual for pressing of booster charges
- Booster charges Ø 50 x 50 mm

A Spacer Plate  
B Witness Plate

C Steel Tube

E Booster Charge, pressed  
F Holder (Centering) for Detonator

E1 Safety Pressing Ring for Booster Charge