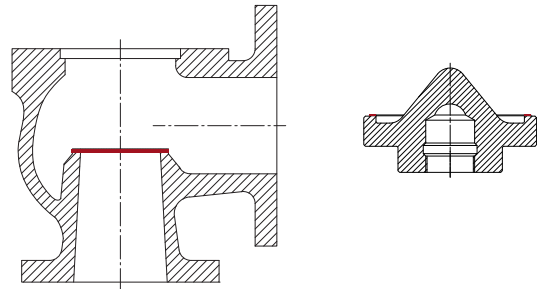




SVS 1 mounted on safety relief valve



Portable grinding and lapping machine for working on sealing surfaces of safety (relief) valves and disks:

For grinding/lapping big valves and butt-welded valves the machine is mounted with 3-jaw chuck on the valve-housing. Small valves and globes are done on the machine stand with centring device and pneumatic lifting device for the machine.

Working ranges:

DN 15–300 mm (1/2"–12")

Optional:

DN 10–400 mm (3/8"–16")

Advantages of SVS 1:

- Crosshatched grinding/lapping to achieve absolute seat flatness
- Accurate centring of the machine with the 3-jaw chuck
- Accurate and fast centring of small valves and disks on the machine stand
- Reproducible grinding/lapping results within minutes
- Easy and safe operation
- Pneumatic control unit with timer for setting grinding time
- Eccentricity adjustable 0–3 mm
- Machine stand with pneumatic cylinder

Drives:

- Electric 230 V/110 V AC, 50/60 Hz,
- Pneumatic drive 5–7 bar (72–90 psi)



SVS 1 grinding a valve on machine stand



SVS 1 Scope of delivery