

Clamping Devices

Fast, firm and secure clamping

Ergonomic system for servicing fire extinguishers

The right clamping device for every task

Our clamping devices make it easier to service fire extinguishers.

The sturdiness of all construction parts is essential, so that the containers are fixed reliably and therefore safe, accident-free work is guaranteed.

We have a very varied product range. It extends from the mechanical clamping device for a work bench and pneumatically operated models to rotatable or mobile devices.

For each application there is a low-cost solution that makes your work easier.



SVM Mechanical Clamping Device



Fig. 1: The SVM clamping device is suitable for securing all fire extinguishers from 2 to 12 kg quickly and safely. As with all our clamping devices, the sliding surfaces are rubberized. In addition, the die-forged sliding component with the hardened ratchet adjustment ensures maximum stability and long service life.

DSV STATIONARY Rotatable Clamping Device



Fig. 2: The DSV stationary clamping device is fixed to a work bench. The clamped fire extinguisher can be turned 360° and locked in steps. Thus, all work can be carried out safely and effortlessly in no time at all. The height adjustment ensures an optimal momentum balance when turning the fire extinguisher.

Technical data for SVM
(EN ISO 12100-1, EN ISO 12100-2)



Art. No. 186501

Dimensions and weights
Height mm: 155
Width mm: 445 - 560
Depth mm: 245
Weight kg: 4.5

Surface:
Galvanized

Technical data for DSV STATIONARY
(EN ISO 12100-1, EN ISO 12100-2)



Art. No. 186504

Dimensions and weights
Height mm: 370
Width mm: 425 - 560
Depth mm: 360
Weight kg: 12

Surface:
Galvanized

DSV MOBIL Mobile Rotatable Clamping Device



Fig. 3: With the DSV MOBIL clamping device fire extinguishers from 2 – 12 kg can be effortlessly serviced at any location. The mobility aspect saves time, as the individual fire extinguishers requiring servicing no longer have to be gathered together, taken to a work bench and brought back again. The storage and fixing possibilities provided on the clamping device offer space for tools and spare parts, so that additional trips are saved. The “work bench” comes to the fire extinguisher!



Fig. 4



Fig. 5



Fig. 6

Fig. 4, 5 and 6: The turning capacity of the clamping device is essential for rational servicing work. The clamped fire extinguisher can be turned 360° to any desired position and locked in 45° steps.

Thus, any tasks can be performed safely in no time at all. Once the fire extinguisher has been clamped it remains in the holding device all the time servicing is in progress. It can be worked on with minimum effort and occupational safety is also increased. The height adjustment feature of the clamping device also ensures that the working height is ergonomically correct. Even if the DSV MOBIL is located in a service vehicle, it can be set so low that work can be performed without any difficulties.



Fig. 7: There is also a special version of the DSV MOBIL that comes with star wheels, which makes it easier to negotiate stairs.

Art. No. 186509

Accessories (extra charge):

Vehicle holding device
Art. No. 186004

Assortment case for
spare parts
Art. No. 187109

Scales Digi 5000 g
Art. No. 186910

Scales 20 kg
Art. No. 186913

Holding device for scales
5000 g
Art. No. 187111

Holding device for
scales 20 kg
Art. No. 186556

Storage bowl for tools
Art. No. 186557

Tool box
Art. No. 187096

**Technical data for
DSV MOBIL**
(EN ISO 12100-1, EN ISO 12100-2)

Art. No. 186503



Transport wheels: 160 mm \varnothing ,
with roller bearings

Dimensions and weights

Height mm: min. 900
Height mm: max. 1285
Width mm: 575
Depth mm: 710
Weight kg: 30

Surface:
Galvanized. Hammer finish,
silver grey

SVP Pneumatic Clamping Device



Fig. 8: The SVP Pneumatic Clamping Device is bolted on in front of the work bench. The supporting table for fire extinguishers from 2 to 12 kg is height-adjustable.

The pneumatic clamping cylinder is driven by compressed air or nitrogen. The pressure can be checked using a manometer and controlled using a pressure reducer. For safety reasons 2-hand operation is required when closing the clamping device.

The fixed end position has a rough mechanical setting for adjustment to different fire extinguisher sizes.

SVPS Pneumatic Clamping Device with nitrogen filling unit



Fig. 9: The SVPS Pneumatic Clamping Device works like the SVP described adjacently, although it is additionally equipped with a nitrogen filling unit.

The pressure hose is connected to the pressure reducer (accessory) of a nitrogen bottle. The reduced nitrogen pressure is present up to the ball valve. The control manometer indicates the pressure. It also acts as a monitoring device during the filling process. The clamped stored pressure fire extinguisher is filled by opening a ball valve via a spiral hose with quick coupling and via a filling connection (accessory). A tested safety valve protects the filling process.

Accessories (extra charge):

Nitrogen pressure reducer, 0 - 20 bar <u>Art. No. 186801</u>	Valve filler <u>Art. No. 186857</u>
Universal filling clamp <u>Art. No. 186807</u>	Hand filling nozzles for various thread types (state make and type of fire extinguisher) Available on request
Filling connection, with screw thread <u>Art. No. 186806</u>	

Technical data for SVP

(EN ISO 12100-1, EN ISO 12100-2)



Art. No. 186511

Supply pressure: max. 10 bar
Working pressure of
clamping cylinder: max. 6 bar

Dimensions and weights

Height mm: 570
Width mm: 680
Depth mm: 380
Weight kg: 18

Surface:
Galvanized

Technical data SVPS

(EN ISO 12100-1, EN ISO 12100-2)

Art. No. 186521



Supply pressure: max. 10 bar
Working pressure of
clamping cylinder: max. 6 bar

Nitrogen filling pressure: 15 bar
Safety valve: 18 bar

Nitrogen feed hose: 1.2 m

Dimensions and weights

Height mm: 620
Width mm: 680
Depth mm: 380
Weight kg: 19

Surface:
Galvanized, powder-coated

SVPA
Pneumatic Clamping Device
for respiratory air and CO₂ bottles



Fig. 10: The SVPA Clamping Device is suitable for quickly securing breathing apparatus compressed air bottles and CO₂ bottles (2 and 6 kg). Carbon fibre composite bottles for respiratory

air can also be clamped with special clamping jaws (accessory).

The clamping device is bolted on in front of the work bench. The bottle supporting table is height-adjustable and can be repositioned, so that flat or concave bottle bases can be inserted. The pressure can be infinitely adjusted using a built-in pressure reducer.

SVPA ROTATABLE
Rotatable Pneumatic Clamping Device
for respiratory air and CO₂ bottles



Fig. 11: The SVPA ROTATABLE clamping device works like the SPVA described opposite except that it can also be turned 360°. The clamping device can be locked every 45° in steps. Thus, all work

can be carried out safely and effortlessly in no time at all. The height adjustment also ensures that the working height is always ergonomically correct.

Accessories for SVPA and SVPA ROTATABLE (extra charge):

1 pair of clamping jaws for carbon fibre bottles, 6.8 l
Art. No. 186529

Other clamping jaws
Available on request

Technical data for SVPA

(EN ISO 12100-1, EN ISO 12100-2)



Art. Nr. 186527

Supply pressure: max. 10 bar
Working pressure of clamping cylinder: max. 6 bar

Dimensions and weights

Height mm: 570
Width mm: 680
Depth mm: 380
Weight kg: 20

Surface:
galvanized

Technical data for SVPA ROTATABLE

(EN ISO 12100-1, EN ISO 12100-2)



Art. No. 186528

Supply pressure: max. 10 bar
Working pressure of clamping cylinder: max. 6 bar

Dimensions and weights

Height mm: 570
Width mm: 680
Depth mm: 515
Weight kg: 24

Surface:
galvanized, powder-coated

SVMA Mechanical Clamping Device
for compressed air steel bottles



Fig. 12: Mechanical clamping device for dismounting and mounting the valves of compressed air steel bottles. The sliding surfaces are rubberized.

The die-forged sliding component with the hardened ratchet adjustment ensures maximum stability and long service life.

Pneumatic clamping device
for big gas cylinders



Fig. 13: Clamping device with pneumatic clamping cylinder for big gas cylinders up to 50 litres.

For safety reasons 2-hand operation is required when closing the clamping device.

The fixed end position has a rough mechanical setting for adjustment to various gas cylinder sizes.

Technical data for SVMA

(EN ISO 12100-1, EN ISO 12100-2)

Art. No. 186525

Dimensions and weights

Height mm: 445 - 560
Width mm: 155
Depth mm: 245
Weight kg: 4.5

Surface:
galvanized

Technical data

(EN ISO 12100-1, EN ISO 12100-2)

Art. No. 186524

Dimensions and weights

Height mm: 1000
Width mm: 1230
Depth mm: 600
Weight kg: approx. 62

Surface:
galvanized, silver grey, hammer finish