

# Autogenous welding box



Art. No. 149612

Type No. AS.17.5.0,5-9.F.3-100.B



Exemplary illustration

Welding and cutting torches are used for welding, cutting, soldering, and heating. They are suitable for all industrial and craft applications. The standard torch, with a 17 mm shaft diameter, is the most common size. The oxyacetylene flame reaches temperatures of up to 3100 °C.

Our autogenous welding sets are equipped with the following products:

- Handle
- Welding inserts in eight different sizes from 0.5 to 30 mm welding range
- Cutting inserts with ring or block nozzles, as well as wing or lever actuation for cutting oxygen, with cutting ranges from 3 to 100 mm
- Accessories: Guide carriage with round guide, gas lighter, replacement seals

The autogenous welding sets can alternatively be equipped with pipe welding inserts or other products individually according to customer requirements on request.

## Technical data

Shank Ø	17 mm
Cutting range	3 - 100 mm
Welding range	0.5 - 9.0 mm
Gas type	oxygen, fuel gas

## Commercial data

Customs tariff number	84689000
Country of origin	TR
eCl@ss 5.1.4	37010201
eCl@ss 9.0	27440202
UNSPSC_Code_v190501	23271400
UNSPSC_CodeDesc_v190501	Welding machinery

## Product informations

### Safety information:

No changes may be made to the burners that are outside the knowledge and control of our company. Improper use can lead to serious damage and may only be carried out by trained personnel. Before starting work, the burner must be checked in particular for the condition of the nozzles, a suction test must be carried out to check the injector effect. In the event of re-ignition, first close the oxygen valve and then the fuel gas valve. Burners and appliances must be used in accordance with their labelling.

They must be protected from knocks, falls, oil and other contamination.  
Read the user manual carefully before using the device for the first time.

### Areas of application:

- Industrial and general production
- Production of steel constructions
- Repair and maintenance

### Standards:

DIN EN ISO 5172, DIN EN ISO 9090, DIN EN ISO 9539

### Content incl. quantity:

- 5 x welding insert
- 1 x butterfly cutting insert
- 3 x block nozzles
- 1 x gas lighter
- 6 x replacement seals
- 1 x handle
- 1 x guide carriage with round guide

## Accessories

	Art. No.	Type No.
Butterfly hole cutting insert, shaft diameter 17 mm, cutting max. 50 mm, heating max. 100 mm, with nozzle 12 - 25 mm and guide	149653	LSE.F.17.D
Pipe welding insert, stretched - bendable, shaft diameter 17, welding range 1 - 2 mm, copper	149631	RSE.17.1-2
Pipe welding insert, stretched - bendable, shaft diameter 17, welding range 2 - 4 mm, copper	149632	RSE.17.2-4
Pipe welding insert, stretched - bendable, shaft diameter 17, welding range 4 - 6 mm, copper	149633	RSE.17.4-6
Pipe welding insert, stretched - bendable, shaft diameter 17, welding range 6 - 9 mm, copper, with coupling nut	149634	RSE.17.6-9
Nozzle cleaning set in metal case, for cleaning the welding nozzles	149981	DRS.M
Double threaded nipple, G 1/4 a., G 1/4 a. LH, AF 17, brass, working pressure max. 60 bar, max. operating temp. 200 °C	154195	DGN.14.14LH
Double threaded nipple, G 1/4 a. LH, G 3/8 a. LH, AF 19, brass, working pressure max. 60 bar, max. operating temp. 200 °C	154196	DGN.14LH.38LH
Double threaded nipple, G 3/8 a. LH, G 1/4 a., AF 19, brass, working pressure max. 60 bar, max. operating temp. 200 °C	154198	DGN.38LH.14
Double threaded nipple, G 3/8 a., G 3/8 a. LH, AF 19, brass, working pressure max. 60 bar, max. operating temp. 200 °C	154199	DGN.38.38LH
Double threaded nipple, G 1/2 a., G 3/8 a. LH, AF 24, brass, working pressure max. 60 bar, max. operating temp. 200 °C	154214	DGN.12.38LH

## Spareparts

	Art. No.	Type No.
Welding insert, shaft diameter 17 mm, welding range 0.5 - 1.0 mm	149623	SE.17.0,5-1
Welding insert, shaft diameter 17 mm, welding range 1.0 - 2.0 mm	149624	SE.17.1-2
Welding insert, shaft diameter 17 mm, welding range 2.0 - 4.0 mm, with coupling nut	149625	SE.17.2-4
Welding insert, shaft diameter 17 mm, welding range 4.0 - 6.0 mm, with coupling nut	149626	SE.17.4-6
Welding insert, shaft diameter 17 mm, welding range 6.0 - 9.0 mm, with coupling nut	149627	SE.17.6-9
Butterfly cutting insert, shaft 17 mm, without nozzles	149650	FSE.17
Butterfly cutting insert, shaft diameter 17 mm, cutting range max. 300 mm, with ring nozzle 12 - 25 mm	149651	FSE.17.R.D
Butterfly cutting insert, shaft diameter 17 mm, cutting range max. 100 mm, with block nozzle 3 - 20 mm	149652	FSE.17.B.D
Handle with regulators and and coupling nut, shaft diameter 17 mm, oxygen G 1/4, fuel gas G3/8 LH	149621	GS.17.14.38
Empty box for autogenous welding box, 470 x 213 x 86 mm	149620	LK.AS
Block nozzle, cutting range 3 - 20 mm, copper	149976	BD.3-20
Block nozzle, cutting range 20 - 50 mm, copper	149977	BD.20-50
Block nozzle, cutting range 50 - 100 mm, copper	149978	BD.50-100
Coupling nut for handle	149946	M.GS
Seal for welding and cutting inserts shaft diameter 17 mm	149945	D.SE
Gas lighter, roller file, incl. ignition stone	149980	GA.W
Guide carriage, for burner head Ø 26 mm, with round guide, for circle Ø up to max. 800 mm	149979	FW.25
Empty box for autogenous welding box, 470 x 213 x 86 mm	149620	LK.AS
Hexagonal coupling nut G 3/8 left sleeve size I.D.4, I.D.6, I.D.9 Brass, Max. working pressure 25 bar, Max. operating temp. 150 °C	137631	MS234LH38469