

CUTTING
WELDING

SINCE 1898



ZINSER oxy-fuel equipment



**Made in
Germany**
Since 1898

ZINSER GmbH - pioneer in oxy-fuel technology

For more than 120 years “made in Germany”

Since 1898, ZINSER has been a pioneer in cutting and welding technology. The name ZINSER stands for quality made in Germany. With experience and precision, ZINSER produces its well-known, reliable and long-lasting ZINSER products at the company's headquarters in Albershausen. Due to the wide product range, ZINSER can offer a solution to almost every application.

ZINSER GmbH is a team-oriented developer and producer of oxy-fuel technology which is delivered worldwide. The satisfaction of our customers is our main objective.

ZINSER is a dynamic global player, offering its customers superior quality, highest expertise and a very wide product range. As a customer-oriented company, we focus on expansion, innovation and individual solutions. To achieve these goals, we're at work every day with joy and enthusiasm.

Table of contents

Sets	4
Accessories for sets	7
Gas cylinder equipment	8
Shanks	8
Welding attachments	9
Plumbing attachments	10
Cutting attachments	10
Lead soldering torches	12
Special torches and attachments	13
Cutting torches	14
Accessories for cutting attachments and cutting torches	15
Nozzles	17
Cutting torches for machines + accessories	20
Gas cylinder regulators	23
Pressure regulators for distribution points	24
Pressure regulators with pneumatic back pressure regulation	25
Main pressure regulators	25
Accessories for pressure regulators	26
Cylinder manifolds	27
Central distribution points	28
Distribution point units	29
Tube couplings for cylinders and accessories	30
Safety devices	32
General accessories	34
Favorit - portable flame cutting machines	36
RSV - pipe cutting devices	38

The oxy-fuel equipment presented in this catalogue must be used exclusively for their intended use:

- Welding attachments for welding
- Preheating attachments for preheating
- Cutting torches and cutting attachments for oxy-fuel cutting
- Gas cylinder regulators to reduce and regulate the pressures of gas cylinders of compact or compressed gases as well as liquid gases
- Pressure regulators for distribution points for the reduction of pressures coming from pipelines

The devices must only be used for the intended gases (see individual labels/descriptions).

An operating manual exists for every complete device. It is imperative to respect the information given in the associated manual.

Subject to our general terms and conditions, which we gladly send to you upon request and which can be found at <https://zinser.de>.

Sets

Neck Ø 13 mm

Set LILIPUT



Welding range: 0.2 - 9 mm

Cutting range: 0.5 - 6 mm

Contents:

- 1 shank LILIPUT
 - 6 welding attachments 0.2 - 9 mm, assorted
 - 1 cutting attachment with spring-type lever, torch guiding wheel and circular cutting guide
 - 1 step-type nozzle 0.5 - 6 mm
 - 1 pistol-shaped lighter
 - 1 universal spanner
- complete with steel box

Set LILIPUT

for standard hoses 6 and 9 mm iw*

2914010-001

*inner width

Set LILIPUT for construction of tubings and heatings



Welding range: 0.2 - 4 mm

Cutting range: 0.5 - 6 mm

Contents:

- 1 shank LILIPUT
 - 4 welding attachments 0.2 - 4 mm, assorted
 - 1 flexible plumbing attachment 1 - 2 mm
 - 1 flexible plumbing attachment 2 - 4 mm
 - 1 cutting attachment with spring-type lever, torch guiding wheel and circular cutting guide
 - 1 step-type nozzle 0.5 - 6 mm
 - 1 pistol-shaped lighter
 - 1 universal spanner
- complete with steel box

Set LILIPUT for construction of tubings and heatings

for 4 mm hoses iw*

2914010-200

*inner width

Neck Ø 17 mm and 20 mm

Set with 6 welding attachments



Welding range: 0.5 - 14 mm

Cutting range: 3 - 100 mm

Contents:

- 1 shank
 - 6 welding attachments 0.5 - 14 mm, assorted
 - 1 cutting attachment with spring type lever, torch guide and circular cutting guide
 - Cutting nozzles 3 - 100 mm, assorted
 - 1 pistol-shaped lighter
 - 1 universal spanner
- complete with steel box

Set with 6 welding attachments, ring nozzle cutting attachment

neck Ø 17 mm	2914170-001
neck Ø 20 mm	2914030-001

Set with 6 welding attachments, block nozzle cutting attachment

neck Ø 17 mm	2914190-001
neck Ø 20 mm	2914050-001

Set with 8 welding attachments



Welding range: 0.5 - 30 mm

Cutting range: 3 - 100 mm

Contents:

- 1 shank
 - 8 welding attachments 0.5 - 30 mm, assorted
 - 1 cutting attachment with spring type lever, torch guide and circular cutting guide
 - Cutting nozzles 3 - 100 mm, assorted
 - 1 pistol-shaped lighter
 - 1 universal spanner
- complete with steel box

Set with 8 welding attachments, ring nozzle cutting attachment

neck Ø 17 mm	2914210-001
neck Ø 20 mm	2914070-001

Set with 8 welding attachments, block nozzle cutting attachment

neck Ø 17 mm	2914230-001
neck Ø 20 mm	2914090-001

Set for construction of tubings and heatings



Welding range: 0.5 - 14 mm

Cutting range: 3 - 100 mm

Contents:

- 1 shank
 - 6 welding attachments 0,5 - 14 mm, assorted
 - 1 flexible plumbing attachment 2 - 4 mm
 - 1 flexible plumbing attachment 4 - 6 mm
 - 1 cutting attachment with spring-type lever, torch guide and circular cutting guide
 - cutting nozzles 3 - 100 mm, assorted
 - 1 pistol-shaped lighter
 - 1 universal spanner
- complete with steel box

Set for construction of tubings and heatings

neck Ø 17 mm	2914250-001
neck Ø 20 mm	2914130-001

Set for construction of tubings and heatings

neck Ø 17 mm	2914260-001
neck Ø 20 mm	2914140-001

Set - Assembly



Welding range: 0.5 - 30 mm

Cutting range: 3 - 100 mm

Contents:

- 1 shank
 - 8 welding attachments 0.5 - 30 mm, assorted
 - 1 cutting attachment with spring-type lever, torch guide and circular cutting guide
 - cutting nozzles 3 - 100 mm, assorted
 - 1 pistol-shaped lighter
 - 1 universal spanner
 - 1 gas cylinder regulator oxygen
 - 1 gas cylinder regulator acetylene
- complete with steel box

Set - Assembly with ring nozzle cutting attachment

neck Ø 17 mm	2914150-001
neck Ø 20 mm	2914110-001

Set - Assembly with block nozzle cutting attachment

neck Ø 17 mm	2914160-001
neck Ø 20 mm	2914120-001

Accessories for sets

Universal spanner



Universal spanner

2356010-042

Pistol-shaped lighter



Lighter (pistol-shaped)

2357110-033

Hose nipple



Hose nipple

gas	4 mm G 3/8	0600400-015
	9 mm G 3/8	0600400-002
	11 mm G 1/2	0600400-016
oxygen	4 mm G 1/4	0600400-014
	6 mm G 1/4	0600400-003
	9 mm G 3/8	0600400-002

Hose coupling nut



Hose coupling nut

gas	G 3/8 LH	0600401-020
	G 1/2 LH	0600401-022
oxygen	G 1/4 RH	0600401-003
	G 3/8 RH	0600401-001

Steel box, empty



Steel box, empty

for set LILIPUT	2939990-006
for set 6 and 8 parts	2939990-005
for set assembly	2939990-004

Gas cylinder equipment

Gas cylinder equipment, complete



Contents:

- 1 gas cylinder regulator for oxygen
- 1 gas cylinder regulator for acetylene
- 1 set with 6 welding attachments (complete with steel box) for welding range 0.5 - 14 mm and cutting range 3 - 100 mm
- 1 safety goggles
- 2 x 5 m hoses, including hose clips and ASS clips

Gas cylinder equipment complete

with set neck Ø 17 mm	2911100-001
with set neck Ø 20 mm	2911100-002

Cylinder trolley

with rubber tyres Ø 300 mm for 2 gas cylinders 40/50 l (delivery without gas cylinders)	2912000-001
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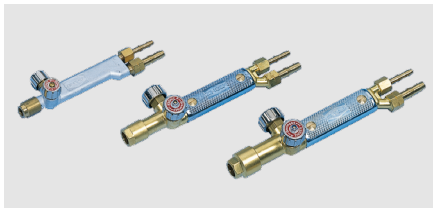
Accessories

Safety device according to ISO5175-1 for connection to individual cylinders, rated gas flow 7 Nm³/h

fuel gas G 3/8 LH	2915540-001
oxygen G 1/4 RH	2915550-001
oxygen and gas cylinders	upon request

Shanks

Shanks



With exchangeable monoblock valves and cone nipples for hose clips

Shanks	Neck Ø 13 mm LILIPUT	Neck Ø 17 mm	Neck Ø 20 mm
for standard hoses Ø 6 mm / Ø 9 mm iw*	2211080-001	2211100-001	2211090-001
for small hoses Ø 4 mm iw*	2211070-001		

*inner width

Monoblock valve



Complete with handwheel and valve plate

Monoblock valve	Neck Ø 13 mm LILIPUT	Neck Ø 17 / 20 mm
fuel gas	2231070-020	2231070-050
oxygen	2231070-010	2231070-040

Connecting nut for shanks



Connecting nut for shanks	Neck Ø 13 mm LILIPUT	Neck Ø 17 mm	Neck Ø 20 mm
	2251010-004	2251030-011	2251040-001

Welding attachments

Welding attachments acetylene



Welding attachments acetylene		Neck Ø 13 mm LILIPUT	Neck Ø 17 mm	Neck Ø 20 mm
no. 0	for 0.2 - 0.5 mm	2214010-101	2212220-101	2212010-101
no. 1	for 0.5 - 1 mm	2214020-101	2212230-101	2212020-101
no. 2	for 1 - 2 mm	2214030-101	2212240-101	2212030-101
no. 3	for 2 - 4 mm	2214040-101	2212250-101	2212040-101
no. 4	for 4 - 6 mm	2214050-101	2212260-101	2212050-101
no. 5	for 6 - 9 mm	2214060-101	2212270-101	2212060-101
no. 6	for 9 - 14 mm		2212280-101	2212070-101
no. 7	for 14 - 20 mm		2212290-101	2212080-101
no. 8	for 20 - 30 mm		2212300-101	2212090-101
no. 9	for 30 - 50 mm			2212100-101
no. 10	for 50 - 100 mm			2212110-101

Also available for propane for preheating, soldering etc.; For other gases: upon request

Copper welding tips for welding attachments acetylene



Copper welding tips for welding attachments acetylene		Neck Ø 13 mm LILIPUT	Neck Ø 17 mm	Neck Ø 20 mm
no. 0	for 0.2 - 0.5 mm	2254010-003	2252010-001	2252010-001
no. 1	for 0.5 - 1 mm	2254020-003	2252020-001	2252020-001
no. 2	for 1 - 2 mm	2254030-003	2252030-001	2252030-001
no. 3	for 2 - 4 mm	2254040-003	2252040-001	2252040-001
no. 4	for 4 - 6 mm	2254050-003	2252050-001	2252050-001
no. 5	for 6 - 9 mm	2254060-003	2252060-001	2252060-001
no. 6	for 9 - 14 mm		2252070-001	2252070-001
no. 7	for 14 - 20 mm		2252080-001	2252080-001
no. 8	for 20 - 30 mm		2252090-001	2252090-001
no. 9	for 30 - 50 mm			2252100-001
no. 10	for 50 - 100 mm			2252110-001

Also available for propane

Consumption of welding torches

Material thickness	Consumption of acetylene / oxygen	Material thickness	Consumption of acetylene / oxygen
0.2 - 0.5 mm	35 l/h	9 - 14 mm	1 150 l/h
0.5 - 1.0 mm	75 l/h	14 - 20 mm	1 700 l/h
1 - 2 mm	150 l/h	20 - 30 mm	2 500 l/h
2 - 4 mm	300 l/h	30 - 50 mm	3 500 l/h
4 - 6 mm	500 l/h	50 - 100 mm	4 600 l/h
6 - 9 mm	750 l/h		

Oxygen pressure for all sizes 2.5 bar. Acetylene pressure for all sizes 0.5 bar.

Oxygen pressure for all sizes 2.5 bar. Acetylene pressure for all sizes 0.5 bar.

Plumbing attachments

Plumbing attachments acetylene

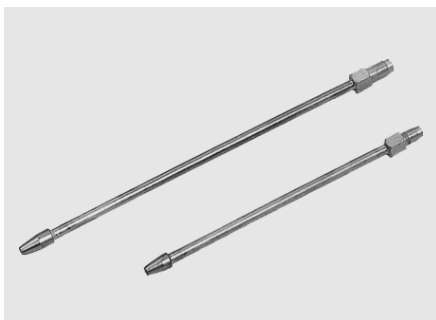


For heating and pipe mounting
With flexible copper tube

Plumbing attachments	Neck Ø 13 mm LILIPUT	Neck Ø 17 mm	Neck Ø 20 mm
for 1 - 2 mm	2216120-101	2216180-101	2216030-101
for 2 - 4 mm	2216130-101	2216190-101	2216040-101
for 4 - 6 mm	2216140-101	2216200-101	2216050-101
for 6 - 9 mm		2216210-101	2216060-101

Also available for propane

Mixing tubes acetylene



(Front parts) for plumbing attachments

Mixing tubes acetylene	Neck Ø 13 mm LILIPUT	Neck Ø 17 / 20 mm
for 1 - 2 mm	2246030-001	2246030-001
for 2 - 4 mm	2246040-001	2246040-001
for 4 - 6 mm	2246140-001	2246050-001
for 6 - 9 mm		2246060-001

Also available for propane

Cutting attachments

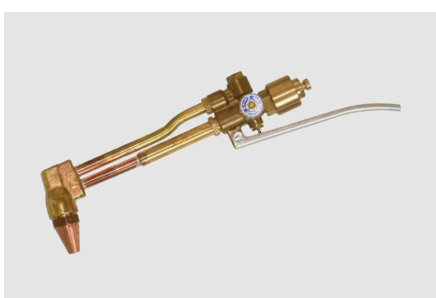
Cutting attachment LILIPUT with spring-type lever



For step-type nozzles
Without nozzles and accessories

Cutting attachment LILIPUT with spring-type lever	Acetylene	Propane
for shank with neck Ø 13 mm	2311170-101	2311180-101
for shank with neck Ø 17 mm	2311220-101	2311230-101
for shank with neck Ø 20 mm	2311310-101	2311320-101

Cutting attachment with spring-type lever for ring nozzles



Without nozzles and accessories

Cutting attachment with spring-type lever for ring nozzles	Acetylene	Propane
for shank with neck Ø 17 mm	2311580-101	2311590-101
for shank with neck Ø 20 mm	2311460-101	2311470-101

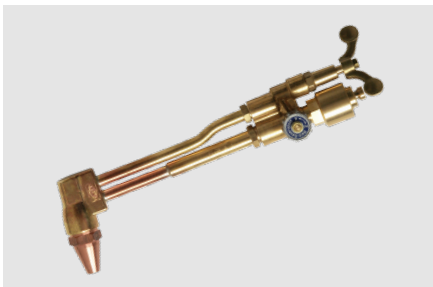
Cutting attachment with spring-type lever for block nozzles



Without nozzles and accessories

Cutting attachment with spring-type lever for block nozzles	Acetylene	Propane
for shank with neck Ø 17 mm	2311610-101	2311620-101
for shank with neck Ø 20 mm	2311490-101	2311500-101

Cutting attachment with rocking lever for ring nozzles



Without nozzles and accessories

Cutting attachment with rocking lever for ring nozzles	Acetylene	Propane
for shank with neck Ø 17 mm	2311520-101	2311530-101
for shank with neck Ø 20 mm	2311400-101	2311410-101

Cutting attachment with rocking lever for block nozzles



Without nozzles and accessories

Cutting attachment with rocking lever for block nozzles	Acetylene	Propane
for shank with neck Ø 17 mm	2311550-101	2311560-101
for shank with neck Ø 20 mm	2311430-101	2311440-101

Piercing attachment with rocking lever for ring nozzles



Straight type with spur
For holes Ø 60 - 160 mm
Without nozzles and accessories

Piercing attachment with rocking lever for ring nozzles	Acetylene	Propane
for shank with neck Ø 17 mm	2312310-101	2312320-101
for shank with neck Ø 20 mm	2312490-101	2312500-101

Piercing attachment with rocking lever for block nozzles



Straight type with spur
For holes Ø 40 - 160 mm
Without nozzles and accessories

Piercing attachment with rocking lever for block nozzles	Acetylene	Propane
for shank with neck Ø 17 mm	2312340-101	2312350-101
for shank with neck Ø 20 mm	2312520-101	2312530-101

Lead soldering torch with shut-off valve

Lead soldering torch with shut-off valve - hydrogen / oxygen



Spring-type lever on top (integrated igniting flame)
For battery soldering
Without tip

Lead soldering torch with shut-off valve - hydrogen / oxygen

pressure nozzle 0.35 mm, mixer jet 1.9 mm for solder nozzles 0.7 mm + 0.9 mm + 1.1 mm	2412381-001
pressure nozzle 1.4 mm, mixer jet 2.5 mm for solder nozzles 1.5 mm + 2.0 mm + 2.5 mm	2412381-002

Tip for lead soldering torches



Tip for lead soldering torches

borehole Ø 0.7	2452370-031
borehole Ø 0.9	2452370-032
borehole Ø 1.1	2452370-033
borehole Ø 1.5	2452380-031
borehole Ø 2.0	2452380-032
borehole Ø 2.5	2452380-033
Other Ø upon request	

Lead soldering torch with shut-off valve - natural gas / oxygen



Spring-type lever on top (integrated igniting flame)
For battery soldering
Without nozzles

Lead soldering torch with shut-off valve - natural gas / oxygen

2412381-003

Heating nozzle natural gas



Heating nozzle natural gas

Ø 2.0 - 3.0	2459990-023
Other Ø upon request	

Solder nozzle natural gas



Solder nozzle natural gas

Ø 2.0	2459990-021
Ø 2.5	2459990-022
Other Ø upon request	

Special torches and attachments

Flame cleaning attachment



For cleaning of steel constructions, rough plates and for flame-straightening

Flame cleaning attachment	Neck Ø 17 mm		Neck Ø 20 mm	
	Acetylene	Propane	Acetylene	Propane
50 mm flame width	2414210-101	2414410-101	2414110-101	2414310-101
100 mm flame width	2414230-101	2414430-101	2414130-101	2414330-101
150 mm flame width	2414240-101	2414440-101	2414140-101	2414340-101
200 mm flame width			2414150-101	2414350-101

Preheating attachment with sieve-shape welding tip

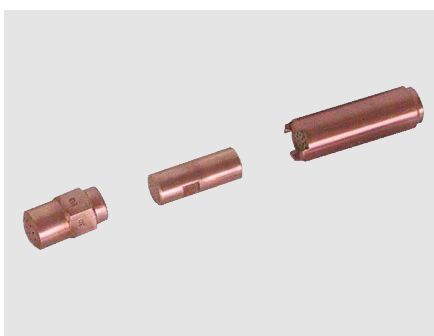


For brazing, preheating, annealing, flame-straightening

Preheating attachment acetylene		Neck Ø 17 mm	Neck Ø 20 mm
size 5	6 - 14 mm	2215240-101	2215040-101
size 7	14 - 20 mm	2215260-101	2215060-101
size 8	20 - 30 mm	2215270-101	2215070-101
size 9	30 - 50 mm		2215080-101
size 10	50 - 100 mm		2215090-101
size 11	>100 mm		2215100-101

Preheating attachment propane		Neck Ø 17 mm	Neck Ø 20 mm
size 2H	6 - 15 mm	2215320-100	2215120-100
size 3H	15 - 30 mm	2215330-100	2215130-100
size 4H	30 - 50 mm	2215340-100	2215140-100
size 5H	50 - 100 mm	2215350-100	2215150-100

Sieve-shape welding tip for preheating attachment



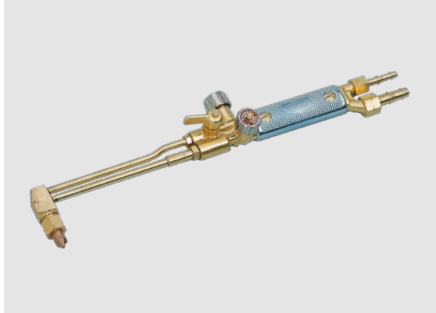
Sieve-shape welding tip	Neck Ø 17 mm Acetylene	Neck Ø 20 mm Acetylene	Neck Ø 17 / 20 mm Propane
size 5	6 - 14 mm	2255040-001	
size 7	14 - 20 mm	2255060-001	
size 8	20 - 30 mm	2255070-001	
size 9	30 - 50 mm	2255080-001	
size 10	50 - 100 mm	2255090-001	
size 2H	6 - 15 mm		2255120-100
size 3H	15 - 30 mm		2255130-100
size 4H	30 - 50 mm		2255140-100
size 5H	50 - 100 mm		2255150-100

Ring torches and other special torches

upon request

Cutting torches

Cutting torch LILIPUT >STABIL< for step-type nozzles



Without nozzles and accessories

Cutting torch LILIPUT >STABIL<	Acetylene	Propane
length 360 mm / head 90° (standard)	2311010-001	2311020-001
length 360 mm / head 180°	2311010-0011	2311020-0011

Cutting torch >STABIL< for ring nozzles



Without nozzles and accessories

Cutting torch >STABIL< for ring nozzles	Acetylene	Propane
length 500 mm / head 98° (standard)	2311071-001	2311081-001
length 800 mm / head 98°	2311071-0800	2311081-0800
length 1,000 mm / head 98°	2311071-1000	2311081-1000
length 1,200 mm / head 98°	2311071-1200	2311081-1200
length 500 mm / head 180°	2311071-0011	2311081-0011
length 800 mm / head 180°	2311071-0810	2311081-0810
length 1,000 mm / head 180°	2311071-1010	2311081-1010
length 1,200 mm / head 180°	2311071-1210	2311081-1210

Cutting torch >STABIL< for block nozzles



Without nozzles and accessories

Cutting torch >STABIL< for block nozzles	Acetylene	Propane
length 500 mm / head 98° (standard)	2311101-001	2311111-001
length 800 mm / head 98°	2311101-0800	2311111-0800
length 1,000 mm / head 98°	2311101-1000	2311111-1000
length 1,200 mm / head 98°	2311101-1200	2311111-1200
length 500 mm / head 180°	2311101-0011	2311111-0011
length 800 mm / head 180°	2311101-0810	2311111-0810
length 1,000 mm / head 180°	2311101-1010	2311111-1010
length 1,200 mm / head 180°	2311101-1210	2311111-1210

Cutting torch >STABIL 2002< for ring nozzles



Without nozzles and accessories

Cutting torch >STABIL 2002< for ring nozzles	Acetylene	Propane
length 500 mm / head 98° (standard)	2312050-0001	2312060-0001
length 800 mm / head 98°	2312050-0800	2312060-0800
length 1,000 mm / head 98°	2312050-1000	2312060-1000
length 1,200 mm / head 98°	2312050-1200	2312060-1200
length 500 mm / head 180°	2312050-0011	2312060-0011
length 800 mm / head 180°	2312050-0810	2312060-0810
length 1,000 mm / head 180°	2312050-1010	2312060-1010
length 1,200 mm / head 180°	2312050-1210	2312060-1210

Cutting torch >STABIL 2002< for block nozzles



Without nozzles and accessories

Cutting torch >STABIL 2002< for block nozzles			Acetylene	Propane
length	500 mm / head	98° (standard)	2312070-0001	2312080-0001
length	800 mm / head	98°	2312070-0800	2312080-0800
length	1,000 mm / head	98°	2312070-1000	2312080-1000
length	1,200 mm / head	98°	2312070-1200	2312080-1200
length	500 mm / head	180°	2312070-0011	2312080-0011
length	800 mm / head	180°	2312070-0810	2312080-0810
length	1,000 mm / head	180°	2312070-1010	2312080-1010
length	1,200 mm / head	180°	2312070-1210	2312080-1210

Cutting torch >STABIL 2003<



Triple-tube torch for gas mixing nozzles, with monoblock valve, without nozzles

Cutting torch >STABIL 2003<			Acetylene / Propane
length	500 mm / head	98° (standard)	2312090-0001
length	800 mm / head	98°	2312090-0800
length	1,000 mm / head	98°	2312090-1000
length	1,200 mm / head	98°	2312090-1200
length	500 mm / head	180°	2312090-0011
length	800 mm / head	180°	2312090-0810
length	1,000 mm / head	180°	2312090-1010
length	1,200 mm / head	180°	2312090-1210

Accessories for cutting attachments and cutting torches

Guiding wheel for cutting torch LILIPUT



Guiding wheel for cutting torch LILIPUT

2313340-001

Circular cutting guide for cutting torch LILIPUT



Circular cutting guide for cutting torch LILIPUT

2313330-001

Ball-bearing circular guide



Ball-bearing circular guide

for ring nozzles 3 - 100 mm	2313391-001
for block nozzles / HSD nozzles 3 - 100 mm	2313400-001
for gas mixing nozzles (STABIL 2000 / 2003)	2313440-001

Torch guide for cutting torches with ring or block nozzles



Torch guide for cutting torches with ring or block nozzles

2313311-001

Torch guide for cutting torches with gas mixing nozzles



Torch guide for cutting torches with gas mixing nozzles

2313430-001

Circular cutting guide for torch guide



Circular cutting guide for torch guide

2313380-001

Circular cutting guide for piercing attachment with ring nozzles



Circular cutting guide for piercing attachment with ring nozzles

2313410-001

Circular cutting guide for piercing attachment with block nozzles



Circular cutting guide for piercing attachment with block nozzles

2313420-001

Nozzles

Nozzles for manual cutting torches

Step-type nozzles



For cutting attachment LILIPUT / cutting torch LILIPUT >STABIL<

Step-type nozzles	Acetylene	Propane
0.5 - 6 mm	2351010-001	2341020-001
6 - 30 mm	2359990-001	2349990-001

Ring nozzles



Ring nozzles - heating nozzles	Acetylene / Propane	Natural gas
3 - 100 mm	2353020-011	2353030-011
100 - 300 mm	2353020-012	

Ring nozzles - cutting nozzles	Acetylene	Propane	Natural gas
3 - 10 mm	2353040-001	2353020-001	2353030-001
10 - 30 mm	2353040-002	2353020-002	2353030-002
30 - 60 mm	2353040-003	2353020-003	2353030-003
60 - 100 mm	2353040-004	2353020-004	2353030-004
100 - 200 mm	2353040-005	2353020-005	2353030-005
200 - 300 mm	2353040-006	2353020-006	2353030-006

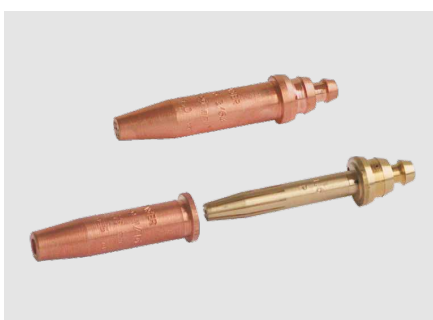
Block nozzles



Block nozzles - heating nozzles	Acetylene (1 piece)	Propane (2 pieces)
3 - 100 mm	—	2353090-012
100 - 300 mm (ZHD)	—	2353090-111

Block nozzles - cutting nozzles	Acetylene (1 piece)	Propane (2 pieces)
3 - 10 mm	2353050-001	2353060-001
10 - 30 mm	2353050-002	2353060-002
30 - 60 mm	2353050-003	2353060-003
60 - 100 mm	2353050-004	2353060-004
100 - 160 mm (ZHD)		2353100-209
100 - 200 mm	2353050-005	
160 - 230 mm (ZHD)		2353100-210
200 - 300 mm	2353050-006	
230 - 300 mm (ZHD)		2353100-211

Gas mixing nozzles



For machine cutting torches and manual cutting torch >STABIL 2003<

Gas mixing nozzles - cutting nozzles	Acetylene (1 piece)	Propane (2 pieces)
3 - 10 mm	2353690-001	2353700-001
10 - 25 mm	2353690-002	2353700-002
25 - 75 mm	2353690-003	2353700-003
75 - 125 mm	2353690-004	2353700-004
125 - 175 mm	2353690-005	2353700-005
175 - 225 mm	2353690-006	2353700-006
125 - 300 mm	2353690-007	2353700-007

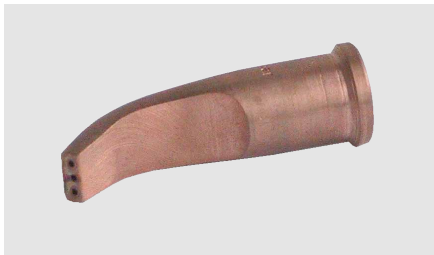
Gouging nozzles



For all cutting torches with sealing for block nozzles

Gouging nozzles	Acetylene
6 - 8 mm	2353130-001
9 - 11 mm	2353130-002
12 - 15 mm	2353130-003

Rivet-head nozzles



For all cutting torches with sealing for block nozzles

Rivet-head nozzles	Acetylene
3 - 10 mm	2353170-001
10 - 30 mm	2353170-002
30 - 60 mm	2353170-003

Nozzles for machine cutting torches

Gas mixing nozzles Hi Speed



Gas mixing nozzles Hi Speed	Acetylene
5 - 10 mm	2353690-101H
10 - 15 mm	2353690-102H
15 - 30 mm	2353690-103H
30 - 40 mm	2353690-104H
40 - 50 mm	2353690-105H
50 - 100 mm	2353690-106H
100 - 150 mm	2353690-107H
150 - 250 mm	2353690-108H
250 - 300 mm	2353690-109H

HSD nozzles, chromed



HSD heating nozzles	Acetylene / Propane	Natural gas	Mapp / Tetrene
3 - 100 mm	2353090-012	2353060-011	2353770-001
100 - 300 mm (ZHD)	2353090-111	2353090-111	2353770-102

HSD cutting nozzles	Acetylene	Propane / Mapp / Tetrene	Natural gas
3 - 6 mm	2353090-001	2353100-001	2353110-001
6 - 10 mm	2353090-002	2353100-002	2353110-002
10 - 20 mm	2353090-003	2353100-003	2353110-003
20 - 30 mm	2353090-004	2353100-004	2353110-004
30 - 45 mm	2353090-005	2353100-005	2353110-005
45 - 60 mm	2353090-006	2353100-006	2353110-006
60 - 80 mm	2353090-007	2353100-007	2353110-007
80 - 100 mm	2353090-008	2353100-008	2353110-008
100 - 160 mm (ZHD)	2353090-209	2353100-209	2353100-209
160 - 230 mm (ZHD)	2353090-210	2353100-210	2353100-210
230 - 300 mm (ZHD)	2353090-211	2353100-211	2353100-211

ZHD nozzles



ZHD heating nozzles	Acetylene / Propane	Natural gas	Mapp / Tetrene
3 - 100 mm	2353090-212	2353110-211	2353100-212
100 - 300 mm	2353090-111	2353090-111	2353770-102

ZHD cutting nozzles	Acetylene	Propane / Mapp / Tetrene	Natural gas
3 - 6 mm	2353090-201	2353100-201	2353110-201
6 - 10 mm	2353090-202	2353100-202	2353110-202
10 - 20 mm	2353090-203	2353100-203	2353110-203
20 - 30 mm	2353090-204	2353100-204	2353110-204
30 - 45 mm	2353090-205	2353100-205	2353110-205
45 - 60 mm	2353090-206	2353100-206	2353110-206
60 - 80 mm	2353090-207	2353100-207	2353110-207
80 - 100 mm	2353090-208	2353100-208	2353110-208
100 - 160 mm	2353090-209	2353100-209	2353100-209
160 - 230 mm	2353090-210	2353100-210	2353100-210
230 - 300 mm	2353090-211	2353100-211	2353100-211

ZHD-R nozzles



ZHD-R heating nozzles	Acetylene / Propane	Natural gas	Mapp / Tetrene
3 - 100 mm	2353090-512	2353110-512	2353100-512
100 - 300 mm	2353090-513	2353110-514	2353100-513

ZHD-R cutting nozzles	Acetylene	Propane / Mapp / Tetrene	Natural gas
3 - 6 mm	2353090-501	2353100-501	2353110-501
6 - 10 mm	2353090-502	2353100-502	2353110-502
10 - 20 mm	2353090-503	2353100-503	2353110-503
20 - 30 mm	2353090-504	2353100-504	2353110-504
30 - 45 mm	2353090-505	2353100-505	2353110-505
45 - 60 mm	2353090-506	2353100-506	2353110-506
60 - 80 mm	2353090-507	2353100-507	2353110-507
80 - 100 mm	2353090-508	2353100-508	2353110-508
100 - 160 mm	2353090-509	2353100-509	2353100-509
160 - 230 mm	2353090-510	2353100-510	2353100-510
230 - 300 mm	2353090-511	2353100-511	2353100-511

Can also be used for ring nozzle torches from other manufacturers

Accessories



Accessories

nozzle box for 15 nozzles: block nozzles / HSD nozzles / ZHD nozzles	2353090-023
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Cutting torches for machines

Cutting torch for Favorit I and electrical pipe cutting devices (RSV)



Without nozzles

Cutting torch for Favorit I and electrical RSV	Acetylene	Propane
	2314010-001	2314030-001

Cutting torch for Favorit II



Without nozzles

Cutting torch for Favorit II	Acetylene	Propane
	2314080-001	2314100-001

Cutting torch for pipe cutting devices RSV sizes 0 - 4



Without nozzles

Cutting torch for RSV sizes 0 - 4	Acetylene	Propane
	2314200-001	2314220-001

Twin cutting torch for manual pipe cutting devices RSV sizes 0 - 4



For weld preparation, V- and X-cuts
 With special torch mounting support
 Without nozzles
 For all pipe cutting devices with manual drive

Twin cutting torch for RSV sizes 0 - 4 manual drive	Acetylene	Propane
	2314260-001	2314280-001

Twin cutting torch for electrical pipe cutting devices RSV sizes 0 - 4



For weld preparation, V- and X-cuts
 With special torch mounting support
 Without nozzles
 For all pipe cutting devices with electric drive

Twin cutting torch for RSV sizes 0 - 4 electric drive	Acetylene	Propane
	2314260-002	2314280-002

Cutting torch for Schablonette and Favorit II



Without nozzles

Cutting torch for Schablonette and Favorit II	Acetylene	Propane
	2314140-002	2314160-002

Cutting torch type 1000



Ø 28 mm, L = 200 mm, with rack, without nozzles

Acetylene HSD / ZHD	Propane HSD / ZHD	Gas mixing nozzles	Acetylene ZHD-R	Propane ZHD-R
2314680-001	2314670-001	2314520-001	2314680-101	2314670-101

Cutting torch type 2000



Ø 34 mm, L = 315 mm, with rack, without nozzles

Acetylene HSD / ZHD	Propane HSD / ZHD	Gas mixing nozzles	Acetylene ZHD-R	Propane ZHD-R
2314650-001	2314660-001	2314510-001	2314690-001	2314700-001

Cutting torch type 2100



Ø 34 mm, L = 315 mm, without rack, without nozzles

Acetylene HSD / ZHD	Propane HSD / ZHD	Gas mixing nozzles	Acetylene ZHD-R	Propane ZHD-R
2314650-001	2314660-001	2314510-001	2314690-001	2314700-001

Cutting torch type 2200



Ø 34 mm, L = 200 mm, without rack, without nozzles

Acetylene HSD / ZHD	Propane HSD / ZHD	Gas mixing nozzles	Acetylene ZHD-R	Propane ZHD-R
2314850-001	2314860-001	2314870-001	2314880-001	2314890-001

Cutting torch type 2101



Ø 32 mm, L = 315 mm, without rack, without nozzles

Acetylene HSD / ZHD	Propane HSD / ZHD	Gas mixing nozzles	Acetylene ZHD-R	Propane ZHD-R
2314650-002	2314660-002	2314510-002	2314690-002	2314700-002

Cutting torch type Typ 2201



Ø 32 mm, L = 200 mm, without rack, without nozzles

Acetylene HSD / ZHD	Propane HSD / ZHD	Gas mixing nozzles	Acetylene ZHD-R	Propane ZHD-R
2314850-002	2314860-002	2314870-002	2314880-002	2314890-002

Accessories for machine cutting torches

Twin torch



For strip cutting with machine cutting torches (with HSD or ZHD nozzles)

Twin torch

working range 30 - 320 mm / cutting range 3 - 60 mm (without adapter)	2314620-001
working range 30 - 600 mm / cutting range 3 - 60 mm (without adapter)	2314630-001

Adapter for twin torch



Adapter for twin torch

2344620-001

Testing gauges, with T-piece



For testing of the working pressure of machine cutting torches
Mounting at torch input

Testing gauges with T-piece

oxygen G 1/4 RH	2339990-010
oxygen G 3/8 RH	2339990-012
gas G 3/8 LH	2339990-011

Shut-off valve



For machine cutting torches and manual cutting torches

Shut-off valve

manual, central gas distribution of heating flame	2513010-001
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Holder for angular nozzle



The torch head can be swivelled +/-90°
Cutting range: 3 - 200 mm

Holder for angular nozzle

2354620-008

Gas cylinder regulators

Gas cylinder regulators, single-stage



Oxygen	
10 bar (1 BG 37)	2511010-001
20 bar (1 BG 37)	2511020-001
40 bar	2511030-001

Nitrogen	
10 bar	2511390-001
20 bar	2510300-001
40 bar	2511390-040

Acetylene	
(01 D-DE 56 172)	2511120-001

Helium	
10 bar	2511375-001

Propane	
connection for industry cylinder with 33 kg	2511300-001

Hydrogen	
10 bar	2511340-001
20 bar	2511340-004

Argon	
10 bar	2511370-001
20 bar	2510260-020

Compressed air	
10 bar	2511250-001
20 bar	2511260-001

Gas cylinder regulators, two-stage



Oxygen	
10 bar (1 BG 39)	2511040-001
20 bar (1 BG 39)	2511050-001

Nitrogen	
1 bar	2511400-002
10 bar	2511400-004
20 bar	2510310-001

Compressed air	
10 bar	2511250-010
20 bar	2511270-001

Hydrogen	
10 bar	2511350-010
20 bar	2511350-004

Helium	
6 bar	2511375-002
10 bar	2511375-006

Argon / CO₂	
10 bar	2511970-010
20 bar	2510270-020

Gas cylinder regulators for shielded arc welding



With integrated throttle
 Indicating range 0 - 20 l/min
 With pressure gauge

Gas cylinder regulators for shielded arc welding	single-stage	two-stage
argon, corgon, CO ₂	2511970-001	2511440-001
anti-slag gas	2510500-001	2511430-001
nitrogen	2510620-001	2511400-001
hydrogen		2511350-001

Gas cylinder regulators with flowmeter



Measuring range 0 - 20 l/min

Gas cylinder regulators with flowmeter	single-stage	two-stage
argon, corgon, CO ₂	2510110-001	2510250-001
anti-slag gas	2510290-001	2510230-001

Pressure regulators for distribution points

Pressure regulator for distribution points with gauge



Acetylene

1.5 bar, hose coupling nut W 21.8 x 1/14 LH	2510320-001
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Propane

1.5 bar, connection for industry cylinder with 33 kg, W 21.8 x 1/14 LH	2510410-001
1.5 bar, connection for household cylinder with 11 kg	2510420-001

Pressure regulator for distribution points with gauge



Acetylene

1.5 bar, hose coupling nut G 3/8 LH	2510320-101
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Propane

1.5 bar, hose coupling nut G 3/8 LH	2510410-101
-------------------------------------	-------------

Oxygen

10 bar, hose coupling nut G 3/8 RH	2510350-101
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Argon, corgon, CO₂

0 - 20 l/min, hose coupling nut G 3/8 RH	2510440-101
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Compressed air

10 bar, hose coupling nut G 3/8 RH	2510390-101
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Pressure regulator for distribution points with flowmeter



Anti-slag gas

0 - 20 l/min, hose coupling nut G 3/8 LH	2510371-101
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Argon, Corgon, CO₂

0 - 20 l/min, hose coupling nut G 3/8 RH	2510361-101
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Pressure regulators with pneumatic back pressure regulation

Pressure regulators with pneumatic back pressure regulation



Suitable for pressure outlets from 1 bar up to inlet pressure (max. 200 bar)

Compressed air

hose coupling screw G 5/8

2510050-001

Nitrogen

hose coupling nut G 24/32 RH

2510210-001

Main pressure regulators

Main pressure regulators



According to DIN EN ISO 7291

Oxygen

rated gas consumption 85 Nm³/h, connection G 3/4 RH,
outlet G 3/8 RH, inlet pressure 200 bar, outlet pressure 10 bar

2511160-001

Acetylene

rated gas consumption 20 Nm³/h, connection G 3/4 LH,
outlet G 3/8 LH, inlet pressure 20 bar, outlet pressure 1.5 bar

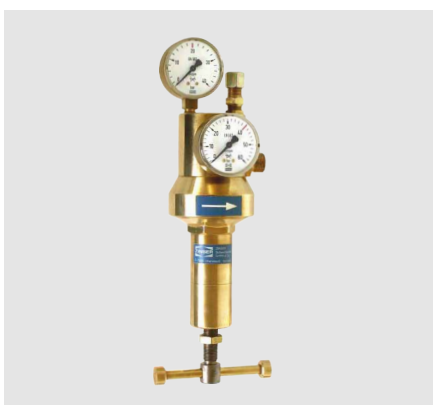
2511180-001

Propane

rated gas consumption 20 Nm³/h, connection 21.8 x 14 Gg. left,
outlet G 3/8 LH, inlet pressure 8 bar, outlet pressure 1.5 bar

2511180-100

Main pressure regulator



According to DIN EN ISO 7291

Oxygen

rated gas consumption 200 Nm³/h, connection G 3/4 RH,
outlet G 1/2 RH, inlet pressure 200 bar, outlet pressure 20 bar

2511171-001

Accessories for pressure regulators

Single pressure gauge, connection radial at the bottom



Acetylene		
0 - 1.5 / 2.5 bar		0600600-001
0 - 40 bar		0600600-002

Argon / CO₂		
0 - 20 l/min		0600600-015

Oxygen		
0 - 10 / 16 bar		0600600-003
0 - 200 / 315 bar		0600600-004
0 - 20 / 40 bar		0600600-005

Seal for pressure gauge		
		0400504-005

Pressure gauges for other gases upon request

Single pressure gauge, connection on the backside

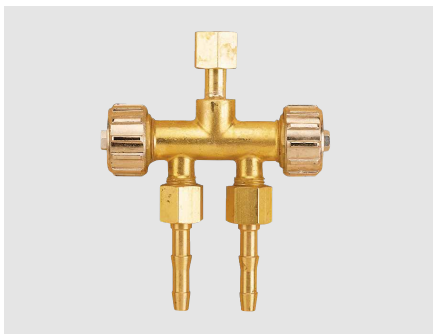


Acetylene		
0 - 40 bar		0600600-037

Propane		
0 - 40 bar		0600600-040

Oxygen		
0 - 10 / 16 bar		0600600-043
0 - 200 / 315 bar		0600600-042

Two outlets manifold



With hose ripples and hose coupling nuts

Two outlets manifold		
acetylene	G 3/8 LH	2513050-001
oxygen	G 1/4 RH	2513070-001
oxygen	G 3/8 RH	2513060-001
propane	G 3/8 LH	2915370-001

Measuring tube



Measuring tube 0 - 20 l/min		
anti-slag gas		2955270-004
argon, corgon, CO ₂		2955270-002

Outer tube		
		2955270-001

Pressure gauge protection



Protection of pressure gauge against damage at cylinder regulators

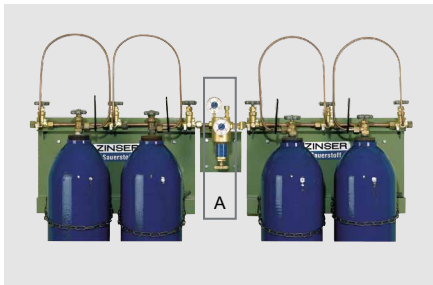
Pressure gauge protection

yellow	2559990-032
blue	2559990-033

Cylinder manifolds

ZINSER delivers gas cylinder manifolds in many different variations.
Please contact our sales team for further information.

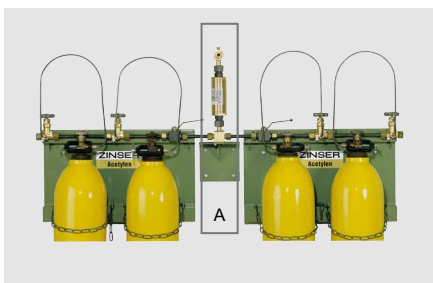
Cylinder manifold for oxygen (example)



For 2 x 2 cylinders, completely assembled, consisting of:

- 2 wall fixing plates with holders for 2 cylinder
- single shut-off valves between manifold and connection bow
- 1 main pressure regulator with fixing plate
- mounting parts for 4 cylinders
- 2 main shutoff valves between manifold and main pressure regulator (ball tape = manual quick-action shut-off valve)

Cylinder manifold for acetylene (example)



For 2 x 2 cylinders, completely assembled, consisting of:

- 2 wall fixing plates with holders for 2 cylinder
- single shut-off valve between manifold and connection bow
- 1 main pressure regulator with safety device and wall fixing plate (assembly equates central distribution point for acetylene)
- mounting parts for 4 cylinders
- 2 main shutoff valves (ball tape = manual quick-action shut-off valve)

Central distribution points

Central distribution points oxygen, 2 x 1 bundle



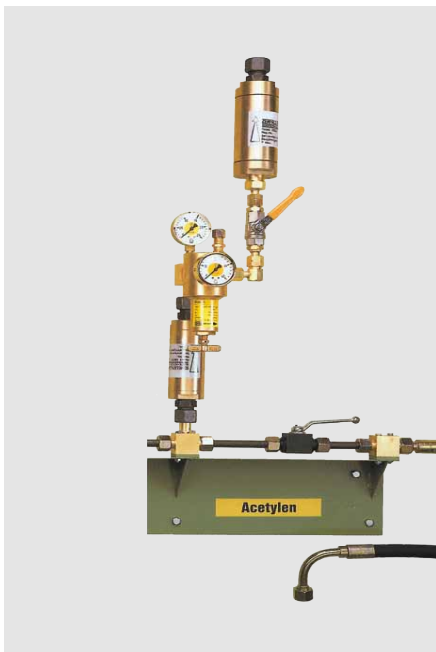
Consisting of:

- 1 wall fixing plate
- 1 MS-T-piece
- 2 main shut-off valves
- 2 copper connection tubes, length 1.5 m
or 2 high pressure hoses with vent valve, length: 2 m
- 1 main pressure regulator oxygen - rated gas consumption 85 Nm³/h
or 1 main pressure regulator oxygen - rated gas consumption 200 Nm³/h
- various parts

Central distribution point oxygen, completely mounted

copper connection tubes / main pressure regulator oxygen - 85 Nm ³ /h	2514550-001
copper connection tubes / main pressure regulator oxygen - 200 Nm ³ /h	2514550-002
high pressure hoses / main pressure regulator oxygen - 85 Nm ³ /h	2514550-003
high pressure hoses / main pressure regulator oxygen - 200 Nm ³ /h	2514550-004

Central distribution points acetylene, 2 x 1 bundle (according to DIN EN ISO 14114)



Consisting of:

- 1 wall fixing plate
- 1 MS-T-piece
- 2 main shut-off valves (ball valve = manual quick-action shut-off valve)
- 2 high pressure hoses with ball valves, length: 2 m
- 1 automatic quick-action shut-off valve
- 1 main pressure regulator acetylene according to DIN EN ISO 7291, rated gas consumption 20 Nm³/h
- 1 main shutt-off ball valve to be mounted behind the main pressure regulator
- 1 decomposition lock 30 Nm³/h
- various parts

Central distribution point acetylene, completely mounted

2514400-001

Distribution point units

1-fold design, completely mounted



Consisting of:

- 1 support bar
- 1 connection screwing G 3/8 - G 3/8 LH
- 1 shut-off valve (ball type)
- 1 distribution point regulator
- without spout and safety device

Distribution point units, 1-fold design, completely mounted

oxygen	2514411-101
acetylene*	2514411-102
propane	2514411-106
air	2514411-100
argon 0 - 20 l/min	2514411-103
argon 10 bar	2514411-109
argon flowmeter	2514411-105

* necessary safety devices for acetylene see page 32/33

2-fold design, completely mounted



Consisting of (e.g. version for oxygen / acetylene):

- 1 support bar
- 2 connection screwings (1 x G 3/8 RH, 1 x G 3/8 LH)
- 2 shut-off valves (ball type)
- 1 distribution point regulator oxygen G 3/8 RH
- 1 distribution point regulator acetylene G 3/8 LH
- without spout and safety device

Distribution point units, 2-fold design, completely mounted

oxygen / acetylene*	2514411-200
oxygen / propane	2514411-201
oxygen / air	2514411-203

* necessary safety devices for acetylene see page 32/33

3-fold design



Consisting of (e.g. version for oxygen / acetylene / argon):

- 1 support bar
- 3 connection screwings (1 x G 3/8 RH, 1 x G 3/8 LH, 1 x G 3/8 RH)
- 3 shut-off valves (ball type)
- 1 distribution point regulator oxygen G 3/8 RH
- 1 distribution point regulator acetylene G 3/8 LH
- 1 distribution point regulator argon G 3/8 RH (indication optionally in bar or l/min)
- without spout and safety device

Distribution point units, 3-fold design

oxygen / acetylene* / argon	2514411-302
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* necessary safety devices for acetylene see page 32/33

Distribution point unit for flame cutting machines (low pressure)



Consisting of:

- 1 support bar
- 3 MS-T-piece
- 3 shut-off valves (ball type)
- 1 main pressure regulator oxygen, back pressure 0 - 20 bar
- 1 main pressure regulator heating oxygen, back pressure 0 - 10 bar
- 1 main pressure regulator heating gas, back pressure 0 - 1.5 bar
- 1 branch-line back pressure valve for gas
- 1 flashback arrestor

Distribution point unit for flame cutting machines with:

heating gas acetylene	2514450-100
heating gas propane	2514450-120
heating gas natural gas	2514450-140

Tube couplings for cylinders and accessories

Tube couplings for acetylene cylinders



Tube coupling for 2 cylinders, complete, consisting of:

- 1 screw piece with bow
- 1 connection tube
- 1 connection piece complete with ball valve

Acetylene - 2 cylinders

tube coupling for 2 cylinders, complete	2514030-002
only screw piece with bow	2534010-002
only connection tube	2544010-003
only connection piece with ball valve	2534030-001

Acetylen - each further cylinder

connection tube	2544010-003
screw piece with bow	2534020-001

For more than 2 distribution points a quick-action shut-off valve (ball valve) is mandatory. Decanting of acetylene is prohibited (acetylene ordinance).

Tube couplings for gas and oxygen cylinders



Tube coupling for 2 cylinders, complete, consisting of:

- 1 connection tube (copper)
- 1 cross piece

Tube couplings	Oxygen	Argon / CO ₂	Hydrogen / Anti-slag gas	Nitrogen
tube coupling for 2 cylinders, complete	2514510-001	2514990-002	2514990-003	2514990-001
only connection tube	2544510-001	2544990-008	2544990-007	2544990-004
only cross piece	2544510-002	2544990-005	2544990-006	2544990-003

Ball valve G 3/8



For low pressure, at distribution point units

- rated pressure: 64 bar
- rated width: 10 mm

Ball valve G 3/8	Acetylene	Propane	Oxygen	Nitrogen / Argon
max. working pressure	1.5 bar	1.5 bar	10 bar	10 bar
	2915460-002	2915460-007	2915460-001	2915460-008

Ball valve G 3/4



For low pressure, behind the main pressure regulator

- rated pressure: 40 bar
- rated width: 20 mm

Ball valve G 3/4	Acetylene	Propane	Oxygen	Nitrogen / Argon
max. working pressure	1.5 bar	1.5 bar	20 bar	20 bar
	2915460-013	2915460-012	2915460-011	2915460-006

Ball valve G 1/2



For low pressure, behind the main pressure regulator

- rated pressure: 64 bar
- rated width: 15 mm

Ball valve G 1/2	Acetylene	Propane	Oxygen	Nitrogen / Argon
max. working pressure	1.5 bar	1.5 bar	20 bar	20 bar
	2915460-005	2915460-010	2915460-003	2915460-009

Ball valve G 1/4



For low pressure, for ignition torches

Ball valve G 1/4

2915460-004

Ball valve



For mounting to acetylene high pressure lines, designated for simultaneous use of 2 - 6 cylinders

- rated pressure: 500 bar
- rated width: 10 mm
- connection: M22 x 1.5 Ermeto
- max. working pressure: 25 bar

Ball valve

2915060-001

Angle valve, cylinder valve



Angle valve, cylinder valve	output	
oxygen	G 3/4 RH	2915450-001
combustible gases	W 21.8 x 14 Gg. LH	2915450-002
non combustible gases	W 21.8 x 14 Gg. RH	2915450-003
nitrogen	W 24.32 x 14 Gg. RH	2915450-004
mounting angle and locknut		2539990-003

Angle valve, input G 3/8



Angle valve, input G 3/8	output	
oxygen	G 3/8 RH	2915470-001
argon / nitrogen	G 3/8 RH	2915470-002
gas	G 3/8 LH	2915470-003
mounting angle and locknut		2915470-004

Safety devices

Automatic quick-action shut-off valve



For installation in front of the main pressure regulator at the high-pressure part of acetylene cylinder manifolds and bundles when using more than 6 cylinders

Automatic quick-action shut-off valve according to EN 15615 / BAM/ZBF/006/15

Automatic quick-action shut-off valve	
	2915640-001

Safety device



According to ISO5175-1 / BAM/ZBA/007/03, for consumer devices, model GT

Safety device GT	
fuel-gas	2915500-001
oxygen	2915510-001

Safety devices

According to ISO5175-1 / BAM/ZBA/007/03

For protection of distribution point units which are fed from cylinder manifolds. For protection of individual cylinder installations, torches and flame cutting machines.



Model DGN, rated gas flow 7 Nm³/h, with branch-line back-pressure valve

fuel-gas G 3/8 LH	2915540-001
oxygen G 1/4 RH	2915550-001



Model DG-91, rated gas flow 20 Nm³/h, without branch-line back-pressure valve

oxygen G 1/4 RH	2915590-002
oxygen G 3/8 RH	2915590-004



Model DG-91N, rated gas flow 20 Nm³/h, with branch-line back-pressure valve

fuel-gas G 3/8 LH	2915580-001
oxygen G 1/4 RH	2915590-001
oxygen G 3/8 RH	2915590-003
oxygen G 1/2 RH	2915590-005



For cutting machine torches

cutting oxygen G 3/8 RH without filter (model GG-SS) up to 300 mm	2915590-007
cutting oxygen G 3/8 RH (model DG91UA) up to 700 mm	2915590-010
heating oxygen G 1/4 RH (model GG)	2915550-003
acetylene, propane, G 3/8 LH (model GG)	2915540-002

Accessories

Safety goggles



Safety goggles	
with plastic frame	2919990-003
with foldable glasses	2919990-004

Hose couplings



According to DIN EN 561, with automatic gas stop (flashback arrestor)

Input: hose nipple / modell DKT	
gas Ø 8 mm	2915670-100
oxygen Ø 6.3 mm	2915680-100
Input: nut / modell DKD	
gas G 3/8 LH	2915650-100
oxygen G 1/4 RH	2915660-100
Input: male thread / modell DKG	
gas G 3/8 LH	2915690-100
oxygen G 1/4 RH	2915700-100

Coupling pin



According to DIN EN 561

Swivel nut / modell D1	
gas G 3/8 LH	2915670-110
oxygen G 1/4 RH	2915680-110
Hose nipple / modell D2	
gas Ø 8 mm	2915650-110
oxygen Ø 6,3 mm	2915660-110
Male thread / modell D4	
gas G 3/8 LH	2915690-110
oxygen G 1/4 RH	2915700-110

Nozzle cleaning drills



Nozzle cleaning drills	
1 set for for welding nozzles sizes 0 - 8	2257010-003
1 set for for cutting nozzles 3 - 300 mm	2353010-017

Hose clip



Hose clip

for hose Ø 11 mm	0600409-003
for hose Ø 16 mm	0600409-005

ASS clips



ASS clips

for hose Ø 16 mm	0600408-101
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Gas economiser



To park the welding torch during short interruption of work. When suspending the torch, the gas supply is interrupted.

At continuation of work the torch can be ignited at the ignition flame. The welding flame does not have to be readjusted.

Gas economiser

for acetylene	2911010-001
for natural gas, propane, mapp ...	2911020-001

Oxy-acetylene hoses

Acetylene (red)

inner width	4 x 11	0600105-021
inner width	9 x 16	0600105-020
inner width	11 x 18	0600105-030

Propane (orange)

inner width	4 x 12	0600109-001
inner width	9 x 16	0600109-002
inner width	11 x 18	0600109-003

Air (clear, with woven insert)

inner width	10 x 16	0600123-004
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N₂ / Argon (black)

inner width	6 x 13	0600120-100
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All gas (red / orange)

inner width	11 x 18	0600105-030
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Oxygen (blue)

inner width	4 x 11	0600105-006
inner width	6 x 16	0600105-001
inner width	9 x 20	0600105-002
inner width	11 x 22	0600105-007
inner width	12.5 x 22.5	0600105-004
inner width	16 x 28	0600105-005

Favorit - Portable flame cutting machines

Favorit I, with standard torch for up to 100 mm



- Cutting thickness: 3 - 60 mm material thickness (option: 100 mm)
- Circular cuts: Ø 80 - 1,600 mm (3.15 - 62.99 inch)
- Gases: Acetylene or propane
- Torch adjustment: lateral and height, bevelling by means of an angle scale
- Electric drive: continuously adjustable, forward and backward drive
- Feed: 50 - 900 mm/min
- Track width: 80 mm
- Length: 350 mm
- Weight: ca. 9.5 kg
- Voltage: 230 VAC
- Power consumption: approx. 35 W

- Options:
 - nozzles for cutting up to 100 mm
 - torch for natural gas / mapp gas (torch for other gases upon request)
 - circular cutting guide for circle Ø > 1,600 mm

Favorit I (230 VAC) - acetylene	2316011-001
Favorit I (230 VAC) - propane	2316030-001
<small>120 VAC or 42 VDC version upon request</small>	

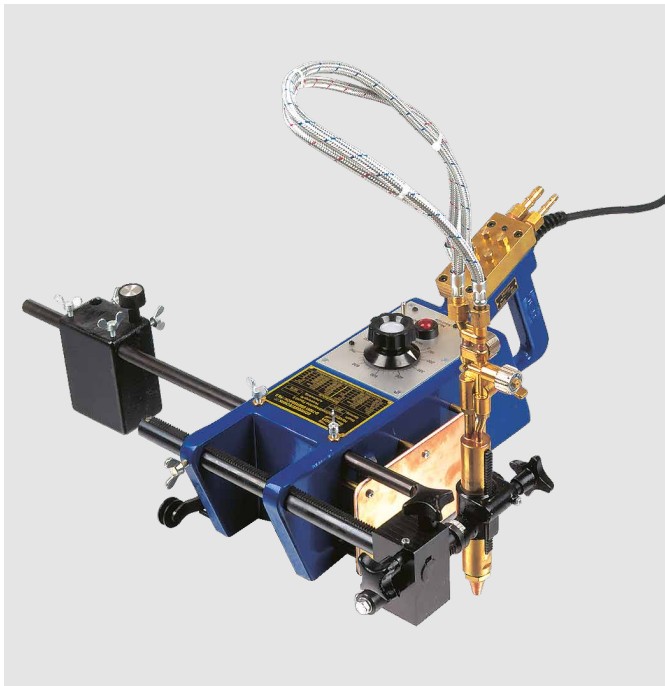
Guide rails for Favorit I



Guide rails for Favorit I

guide rail 1.0 m useful length	2356010-113
guide rail 1.5 m useful length	2356010-114
guide rail 2.0 m useful length	2356010-115
guide rail 2.5 m useful length	2356010-116
guide rail 3.0 m useful length	2356010-117
connection set for 2 guide rails	2346010-101

Favorit II, with standard torch up to 150 mm



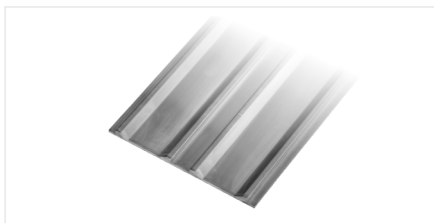
- Cutting thickness: 3 - 100 mm material thickness (option: 250 mm)
- Circular cuts: Ø 100 - 1,600 mm (3.15 - 62.99 inch)
- Gases: Acetylene or propane
- Torch adjustment: lateral and height, bevelling by means of an angle scale
- Electric drive: continuously adjustable, forward and backward drive with overrunning clutch
- Feed: 50 - 900 mm/min
- Track width: 150 mm
- Length: 540 mm
- Weight: ca. 19.5 kg
- Voltage: 230 VAC
- Power consumption: approx. 45 W

- Options:
 - nozzles for cutting up to 250 mm
 - torches for natural gas / mapp gas (other gases upon request)
 - circular cutting guide for circle Ø > 1,600 mm
 - 2nd and 3rd torch with height, lateral and longitudinal adjustment
 - torch guiding rod 1,200 mm
- Plasma:
 - optional
 - feed up to 5 m/min

Favorit II (230 VAC) - acetylene / 1 torch	2316530-001
Favorit II (230 VAC) - acetylene / 2 torches	2316530-002
Favorit II (230 VAC) - propane / 1 torch	2316540-001
Favorit II (230 VAC) - propane / 2 torches	2316540-002

120 VAC or 42 VDC version upon request

Guide rails for Favorit II



Guide rails for Favorit II

guide rail 1.0 m useful length	2356500-087
guide rail 1.5 m useful length	2356500-088
guide rail 2.0 m useful length	2356500-089
guide rail 2.5 m useful length	2356500-090
guide rail 3.0 m useful length	2356500-091
connection set for 2 guide rails	2346500-101

RSV - Pipe cutting devices

- Low weight / robust design
- Simple use
- Particularly suitable for operation on sites
- Gases: acetylene or propane
- Nozzles: block nozzles
- Torch adjustment: lateral and height, bevelling $\pm 45^\circ$ by means of an angle scale
- Drive: manual by means of hand cranks, or motorized (optional)
- Options: electric drive (RSV-1, -2, -3, -4, -4/14)
- Accessories: double cutting torch, steel-plate transport box (not for RSV-4/14, only for manual drive), steel bands for RSV-4, -4/14

RSV-0, RSV-1, RSV-2, RSV-3 - manual drive



RSV-0: fixed ring half with adjustable swiveling arm
 RSV-1, RSV-2, RSV-3: with 2 hinged ring halves

- RSV-0 for pipes with outer \varnothing 70 - 120 mm
- RSV-1 for pipes with outer \varnothing 120 - 270 mm
- RSV-2 for pipes with outer \varnothing 270 - 420 mm
- RSV-3 for pipes with outer \varnothing 420 - 620 mm

RSV-0	acetylene / manual drive	2315010-0001
RSV-0	propane / manual drive	2315010-0002
RSV-1	acetylene / manual drive	2315050-0001
RSV-1	propane / manual drive	2315050-0002
RSV-2	acetylene / manual drive	2315110-0001
RSV-2	propane / manual drive	2315110-0002
RSV-3	acetylene / manual drive	2315160-0001
RSV-3	propane / manual drive	2315160-0002

RSV-4, RSV-4/14 with steel band guidance - manual drive



- RSV-4 for pipe diameters 400 - 1,600 mm
- RSV-4/14 for pipe diameters > 1,400 mm

RSV-4: steel band for \varnothing 600 - 1,000 mm included in the scope of delivery
 RSV-4/14: Delivery without steel band, please order needed steel bands separately

RSV-4	acetylene / manual drive	2315210-0001
RSV-4	propane / manual drive	2315210-0002
RSV-4/14	acetylene / manual drive	2315210-0011
RSV-4/14	propane / manual drive	2315210-0012

RSV with electric drive



- Speed: stepless, up to 1,500 mm/min
- Moving direction: forward / backward
- Voltage: 230 VAC / 50 Hz
(other voltages upon request)
- Power consumption: 40 - 65 W

RSV-1	acetylene / electric drive	2315260-0001
RSV-1	propane / electric drive	2315260-0002
RSV-2	acetylene / electric drive	2315270-0001
RSV-2	propane / electric drive	2315270-0002
RSV-3	acetylene / electric drive	2315280-0001
RSV-3	propane / electric drive	2315280-0002
RSV-4	acetylene / electric drive	2315290-0001
RSV-4	propane / electric drive	2315290-0002
RSV-4/14	acetylene / electric drive	2315300-0001
RSV-4/14	propane / electric drive	2315300-0002

RSV-0 is not available with electric drive

Steel box



For safe storage of the RSV during transport
Only for RSV with manual drive

Steel box

RSV-0	2939990-010
RSV-1 / RSV-2	2939990-012
RSV-3	2939990-013
RSV-4	2939990-014

Not available for RSV-4/14

Steel band



Steel band

for Ø 250 - 400 mm	2349990-073
for Ø 400 - 600 mm	2349990-002
for Ø 600 - 1,000 mm	2345210-001
for Ø 800 - 1,200 mm	2349990-003
for Ø 1,200 - 1,500 mm	2349990-004
for Ø 1,400 - 1,600 mm	2349990-005
for Ø 1,500 - 1,800 mm	2349990-020
for Ø 1,500 - 2,000 mm	2349990-006
for Ø 2,000 - 2,500 mm	2349990-050
for Ø 2,500 - 3,500 mm	2349990-065
for Ø 3,500 - 4,500 mm	2349990-051
for Ø 4,500 - 6,000 mm	2349990-052

CUTTING
WELDING

SINCE 1898



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