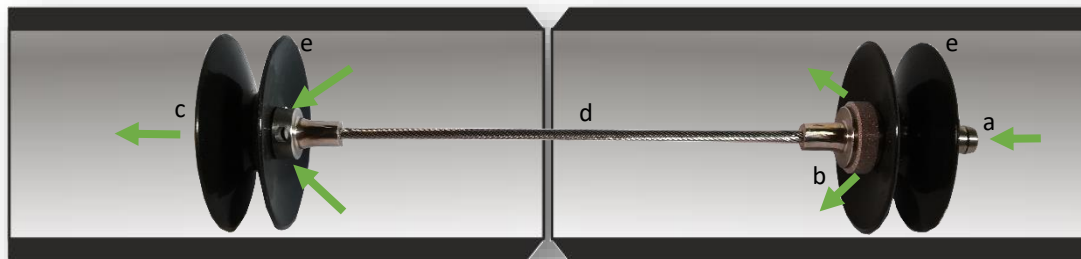


# JA – Mini System



For forming small pipes from (pipe inside)  $\varnothing$  17 mm to  $\varnothing$  49 mm with front and rear seals.

### Description:

The protective gas is introduced into the hose connection (a) and distributed through the interior of the sintered metal (b), the overpressure escapes through the rear gas outlet hole (c). The connection of the two sealing disc holders is ensured by a stainless steel cable (d) and is very flexible so that it can also be used in the pipe bend. The system is guided in the pipe via the gas supply hose. The sealing washers (e) can be exchanged as required.

### Material:

Disc holder and rope: stainless steel  
Sealing washer: heat-resistant silicone up to 330 ° C

### Abmessung:

Length = 190 mm; Hose connection DN5



# JA – mini system complete



Pos.	
1	2 pc. Silicone sealing washers, high temperature resistant up to 330 ° C
2	1 pc. Disc holder DN5 with sintered metal
3	10 m PVC hose $\varnothing$ 5 mm x $\varnothing$ 8 mm
4	1 pc. Quick coupling DN5
5	1 pc. Hose insert for coupling DN5
6	1 pc. Bottle connection 1/4 "R (or 3/8" L) DN5
7	4 pc. Hose clamps (SS)

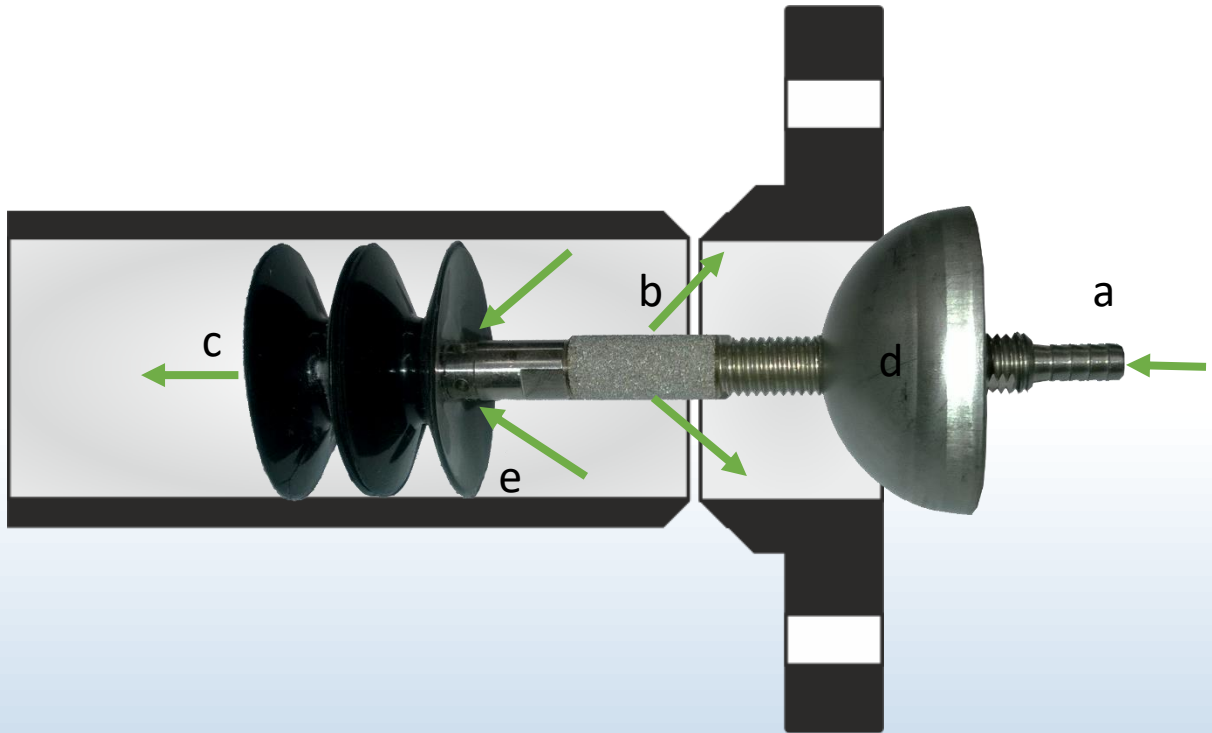
## JA – mini system complete



Item no	Heat-resistant sealing washers, 2-lip	For inside pipes	DN	inch
M50330021	With 2 sealing washers $\varnothing$ 6 mm / $\varnothing$ 21 mm	$\varnothing$ 17 mm – $\varnothing$ 19 mm	15	½"
M50330026	With 2 sealing washers $\varnothing$ 6 mm / $\varnothing$ 26 mm	$\varnothing$ 20 mm – $\varnothing$ 24 mm	20	¾"
M50330031	With 2 sealing washers $\varnothing$ 6 mm / $\varnothing$ 31 mm	$\varnothing$ 25 mm – $\varnothing$ 29 mm		
M50330036	With 2 sealing washers $\varnothing$ 6 mm / $\varnothing$ 36 mm	$\varnothing$ 30 mm – $\varnothing$ 34 mm	25	1"
M50330041	With 2 sealing washers $\varnothing$ 6 mm / $\varnothing$ 41 mm	$\varnothing$ 35 mm – $\varnothing$ 38 mm	32	1 ¼"
M50330046	With 2 sealing washers $\varnothing$ 6 mm / $\varnothing$ 46 mm	$\varnothing$ 39 mm – $\varnothing$ 44 mm		
M50330051	With 2 sealing washers $\varnothing$ 6 mm / $\varnothing$ 51 mm	$\varnothing$ 45 mm – $\varnothing$ 49 mm	40	1 ½"



# JA – Mini system with sealing hemisphere



For forming flanges on small pipes from  $\varnothing$  17 mm to  $\varnothing$  49 mm with sealing hemisphere and rear seal.

### Description:

The protective gas is introduced into the hose connection (a) and distributed through the interior of the sintered metal (b), the overpressure escapes through the rear gas outlet hole (c). The SS sealing hemisphere (d) is screwed against the flange for sealing. Sealing discs (e) can be exchanged as required.

### Material:

Disc holder: stainless steel

Sealing hemisphere: stainless steel

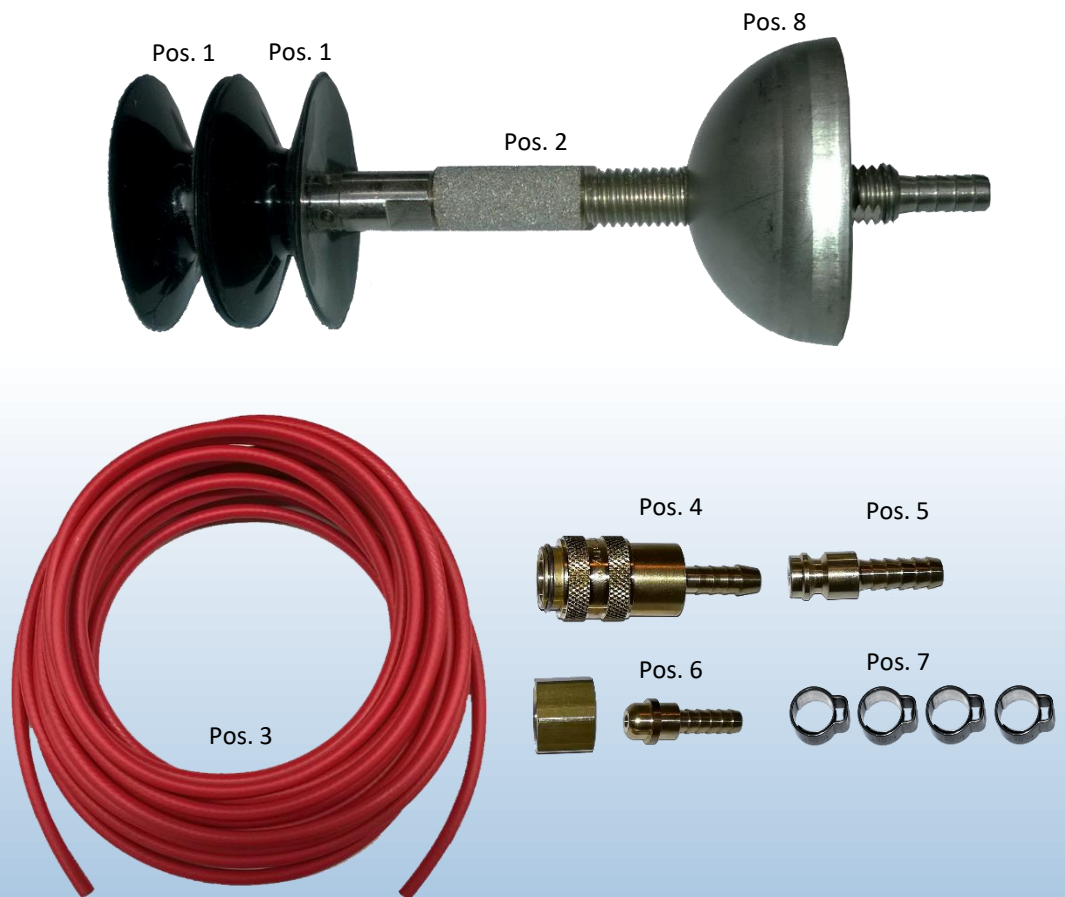
Sealing washer: heat-resistant silicone up to 330 ° C

### Dimension:

Length = 140 mm; Hose connection DN5



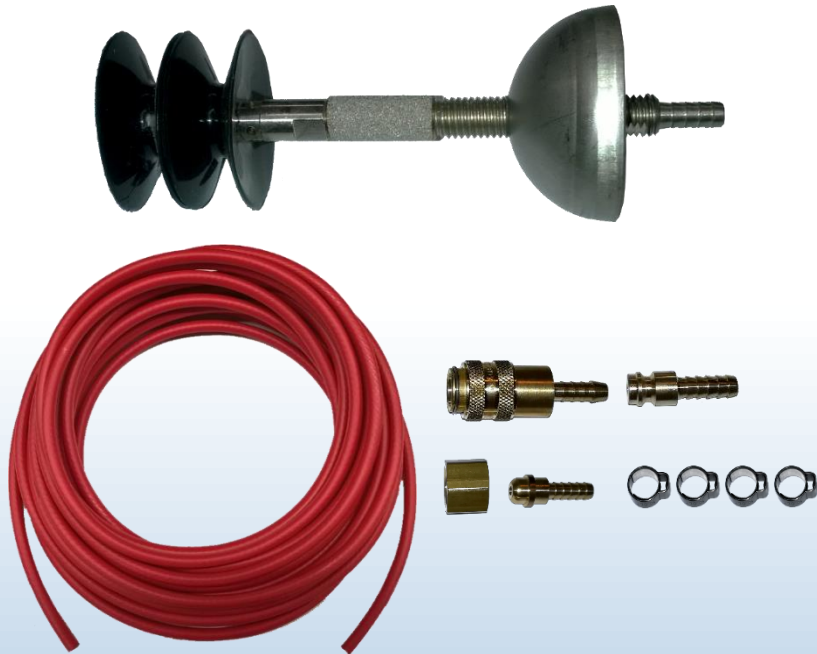
# JA – Mini system with sealing hemisphere completely



Pos.		
1	2 pc.	Silicone sealing washers, high temperature resistant up to 330 ° C
2	1 pc.	Disc holder with sintered metal and M10 thread
3	10 m	PVC hose $\varnothing$ 5/8 mm
4	1 pc.	Quick coupling DN5
5	1 pc.	Hose insert for coupling DN5
6	1 pc.	Bottle connection 1/4 "R (or 3/8" L) DN5
7	4 pc.	Hose clamps (SS)
8	1 pc.	Sealing hemisphere with M10 thread



# ***JA – Mini system with sealing hemisphere completely***



Item no	2 heat resistant Sealing washers (2-lip)	SS - hemisphere with M10	for inside pipes	DN	inch
MH50330021	Ø 6 mm / Ø 21 mm	Ø 40 mm	Ø 17 mm – Ø 19 mm	15	½"
MH50330026	Ø 6 mm / Ø 26 mm	Ø 40 mm	Ø 20 mm – Ø 24 mm	20	¾"
MH50330031	Ø 6 mm / Ø 31 mm	Ø 40 mm	Ø 25 mm – Ø 29 mm		
MH50330036	Ø 6 mm / Ø 36 mm	Ø 40 mm	Ø 30 mm – Ø 34 mm	25	1"
MH50330041	Ø 6 mm / Ø 41 mm	Ø 40 mm	Ø 35 mm – Ø 38 mm	32	1 ¼"
MH50330046	Ø 6 mm / Ø 46 mm	Ø 60 mm	Ø 39 mm – Ø 44 mm		
MH50330051	Ø 6 mm / Ø 51 mm	Ø 60 mm	Ø 45 mm – Ø 49 mm	40	1 ½"





## JA – Mini system case

For forming small pipes (inside pipe) Ø 17 mm to Ø 49 mm  
from DN15 to DN40



### content :

page 1

pc.	Item no	items
1	50000021	2-ply PVC-hose Ø 5 x 8 mm; red
1	50000036	Hose connection Set 1/4" R
1	90000101	JA gas indicator 0 – 50 Liter /Min.
1	AL25025	Aluminium Overing 25 mm width (4 Rolls)
1	J0412602	transport suitcase
2	50330021	Sealing disk (2-lips) Ø 6 mm x 21 mm
2	50330026	Sealing disk (2-lips) Ø 6 mm x 26 mm
2	50330031	Sealing disk (2-lips) Ø 6 mm x 31 mm
2	50330036	Sealing disk (2-lips) Ø 6 mm x 36 mm





## JA – Mini system case

**content :**

page 2

pc.	Item no	items
2	50330041	Sealing disk (2-lips) Ø 6 mm x 41 mm
2	50330046	Sealing disk (2-lips) Ø 6 mm x 46 mm
2	50330051	Sealing disk (2-lips) Ø 6 mm x 51 mm
1	MS5033001	Sealing disk bracket for the Protective Gas System Mini
1	MA5033002	Bracket for Mini-Hemisphere-System
1	J0210126	Screwable sealing hemisphere Ø 40 mm
1	J0210127	Screwable sealing hemisphere Ø 60mm

<b>J0200030</b>	<b>Case complete</b>
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# JA – Mini system accessories

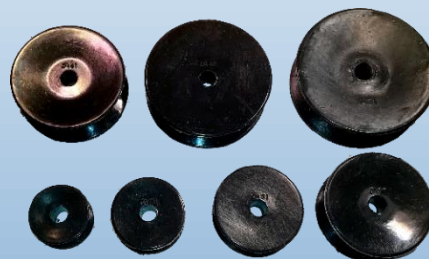
## JA - Disc mounts



Item no	Pos.	items
MS5033001	1	Sealing disk bracket for the Protective Gas System Mini
MA5033002	2	Bracket for Mini-Hemisphere-System

## JA – Sealing washers

Heat resistant up to 330 ° C



Item no (pc.)	heat-resistant sealing washer 2-lipped	for inside pipes	DN	inch
50330021	∅ 6 mm / ∅ 21 mm	∅ 17 mm – ∅ 19 mm	15	½"
50330026	∅ 6 mm / ∅ 26 mm	∅ 20 mm – ∅ 24 mm	20	¾"
50330031	∅ 6 mm / ∅ 31 mm	∅ 25 mm – ∅ 29 mm		
50330036	∅ 6 mm / ∅ 36 mm	∅ 30 mm – ∅ 34 mm	25	1"
50330041	∅ 6 mm / ∅ 41 mm	∅ 35 mm – ∅ 38 mm	32	1 ¼"
50330046	∅ 6 mm / ∅ 46 mm	∅ 39 mm – ∅ 44 mm		
50330051	∅ 6 mm / ∅ 51 mm	∅ 45 mm – ∅ 49 mm	40	1 ½"

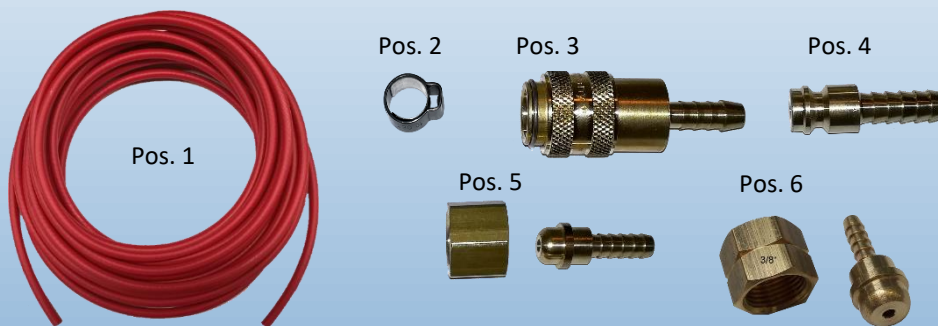
# JA – Mini system accessories

Sealing hemispheres made of stainless steel  
for pipe - flange connections



Item no	For inside pipes	Hemisphere
J0210126	∅ 17 mm – ∅ 38 mm	∅ 40 mm with thread M10
J0210127	∅ 39 mm – ∅ 49 mm	∅ 60 mm with thread M10

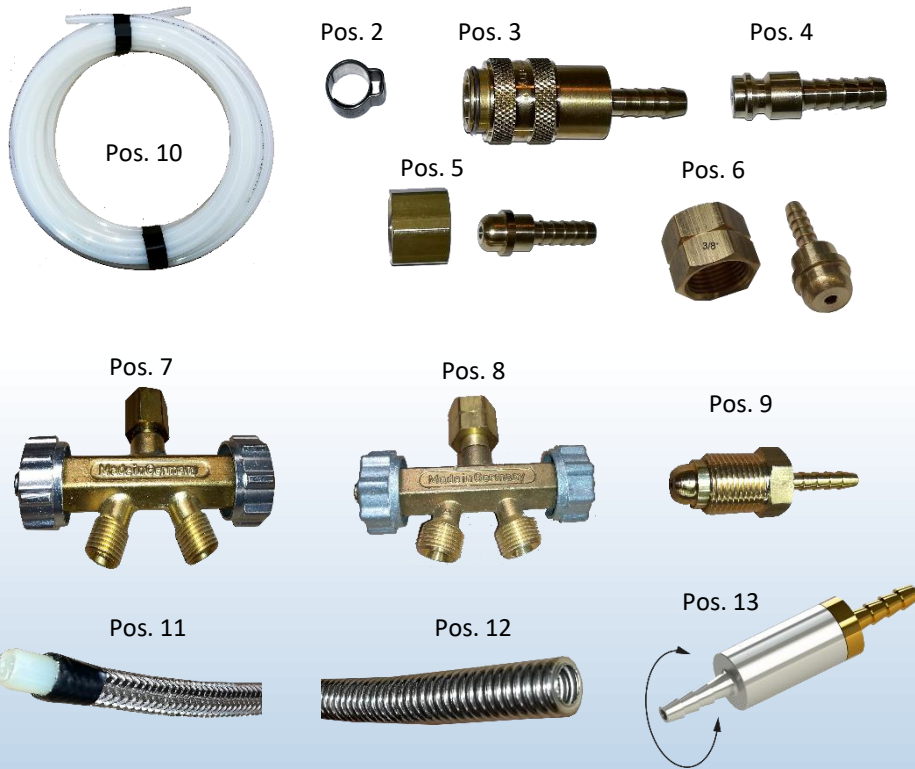
## Hose and connections



Item no	Pos.	items
50000021	1	2 lagiger PVC – Gewebes Schlauch ∅ 5 mm x ∅ 8 mm (rot) (empfohlene Länge = 10 m)
50000023	2	SS hose clamp 10.0 (suitable for the PVC hose)
50000024	3	Quick coupling DN5 made of brass
50000025	4	Hose nozzle DN5 made of brass (for quick coupling)
50000026	5	Hose connection DN5 with nut 1/4 "on the right
50000027	6	Hose connection DN5 with nut 3/8 "on the left

# JA – Mini System Zubehör

## Hose and connections



Item no	Pos.	items
50000036	Set	Connection set Pos. 4 x Pos.2 + ja 1 x Pos. 3 – 5 ( 1/4" rechts )
50000037	Set	Connection set Pos. 4 x Pos.2 + ja 1 x Pos. 3 – 4 + 6 ( 3/8" left )
50000041	7	Double branch valve 1/4 "right
50000042	8	Double branch valve 3/8 "on the left
1034	9	Hose connection 5/8 "UNF outside (USA) DN5
50000022	10	PA hose $\varnothing$ 5 mm x $\varnothing$ 8 mm (recommended length = 10 m)
50000047	11	PA hose stainless steel braided $\varnothing$ 6.0 mm x 1.0 mm wall
J0920601	12	VA spiral hose DN 6 mm stainless steel
50000038	13	Rotary hose union DN5



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