

Disposal instructions

1 Disposal instructions for Bansbach gas springs

Bansbach-gas springs mainly consist of metal and can be recycled. Gas springs must first be depressurized. The oil inside has to be drained and disposed separately.

If you dispose gas springs, we ask you to keep in mind that the springs are under very high pressure.

1.1 Procedure

In case of a disposal, it is important to keep to the following steps:

a) Basically: In the area of the extended spring travel axis, nobody is allowed to stand there.

This means that the piston rod might not show on a person when it will be depressurized.

Do not cut the ends. Do not use a turning lathe in any case!

b) Please check to which size the gas spring belongs to.

You can find further details for sizes in chapter 1.3 gas spring sizes

If you are not sure, please don't hesitate to contact us; we would be pleased to assist you!

c) Drill slowly the extended gas spring at point X1 (with a drill diameter 2 – 3 mm). Due to the high pressure inside, shavings and oil may spurt out. To protect the person, suitable precautionary measures should be taken. (eye and face protection, covering of the drill area).

d) If it is marked, drill point X2, too, as described under c).

e) If you move slightly the piston rod, you can note if the cylinder is pressure-less.

f) If required, the cylinder can now be sawn through.

1.2 Disposal of the components

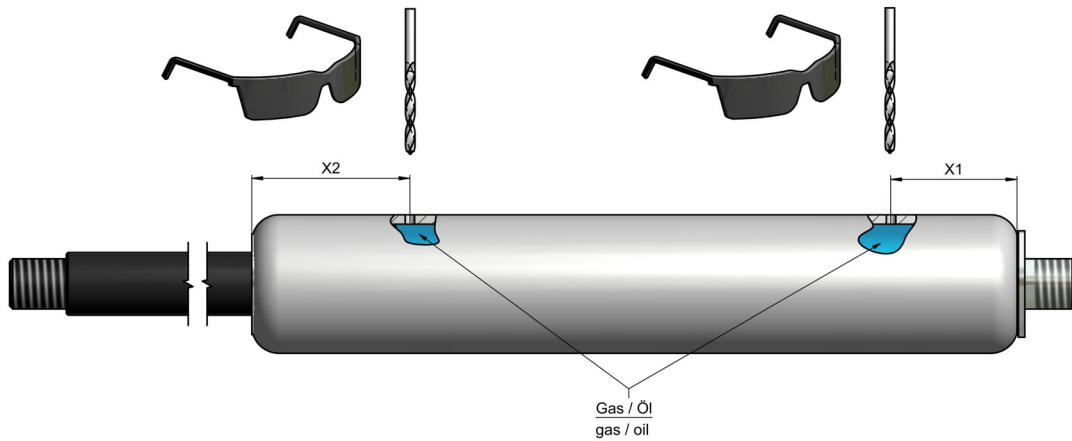
- Dispose old oil according to the local regulations.
- Don't pour it into ground soil or in running water.
- Dispose the empty gas spring with iron scrap.

If you should be unable to keep to this procedure, we recommend – after having consulted us – to return them to us, carriage prepaid. We offer you the disposal at the net cost price. If necessary, please ask us for the disposal costs.

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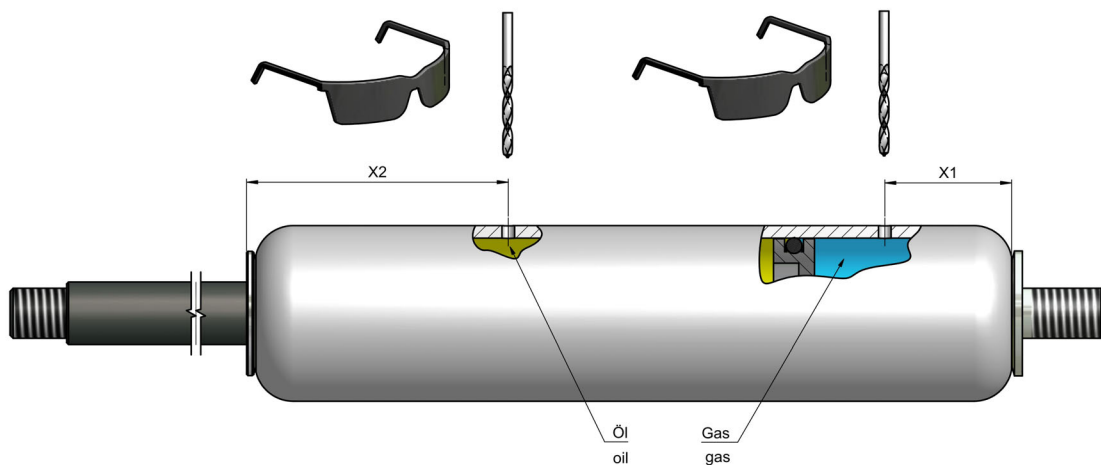
1.3 Sizes

1.3.1 Standard gas spring



Durchmesser Kolbenstange/ Zylinder diameter piston rod/ cylinder	X1	X2
3/8; 3/10; 4/12; 6/15	20	25
6/19; 6/22; 8/19; 8/22; 10/22	20	35
8/28; 10/28; 12/28; 14/28; 16/28;	40	45
10/40; 12/40; 14/40; 20/40	40	65

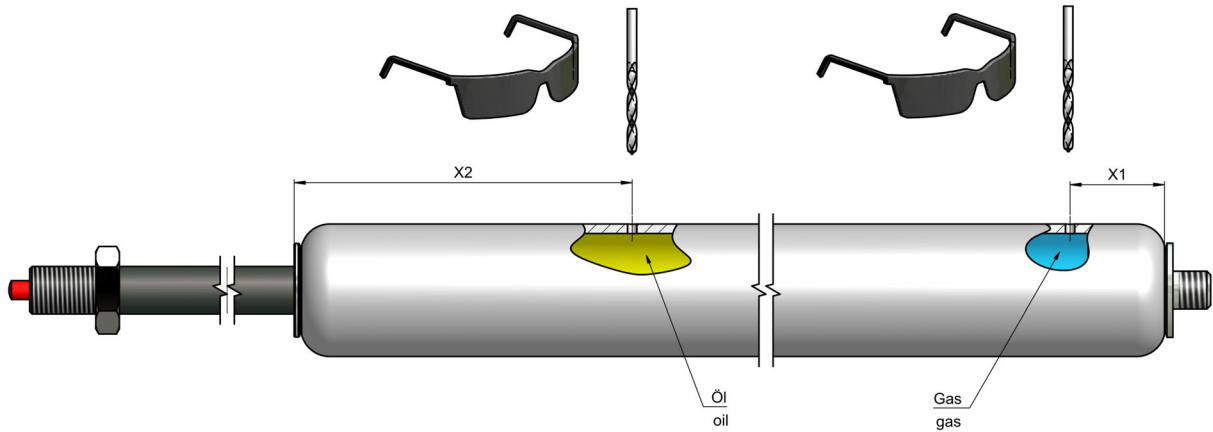
1.3.2 Gas spring with floating piston



Durchmesser Kolbenstange/ Zylinder diameter piston rod/ cylinder	X1	X2
3/8; 3/10; 4/12; 6/15	20	25
6/19; 6/22; 8/19; 8/22; 10/22	20	35
8/28; 10/28; 12/28; 14/28; 16/28;	40	45
10/40; 12/40; 14/40; 20/40	40	65

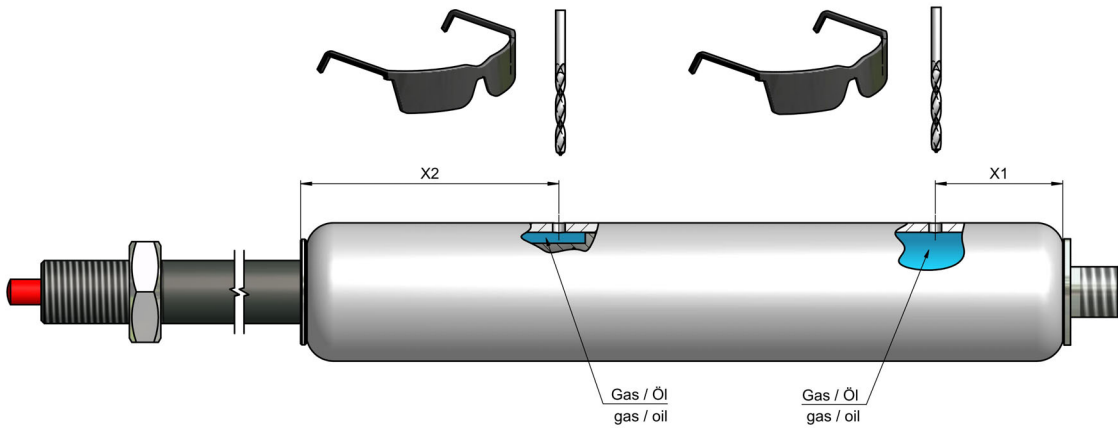
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1.3.3 Rigid locking gas spring (K- and KX-Type)



Durchmesser Kolbenstange/ Zylinder diameter piston rod/ cylinder	X1	X2
8/19; 8/22; 10/22	20	30
8/28; 10/28; 14/28	40	35
10/40; 14/40	40	55

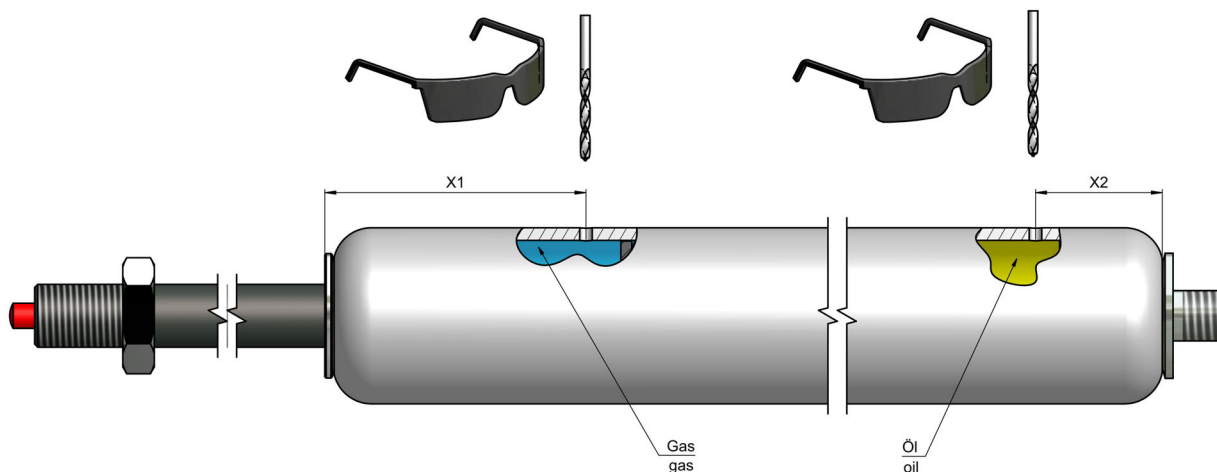
1.3.4 Spring locking gas spring (B-Type)



Durchmesser Kolbenstange/ Zylinder diameter piston rod/ cylinder	X1	X2
8/19; 8/22; 10/22	20	30
8/28; 10/28; 14/28	40	35
10/40; 14/40	40	55

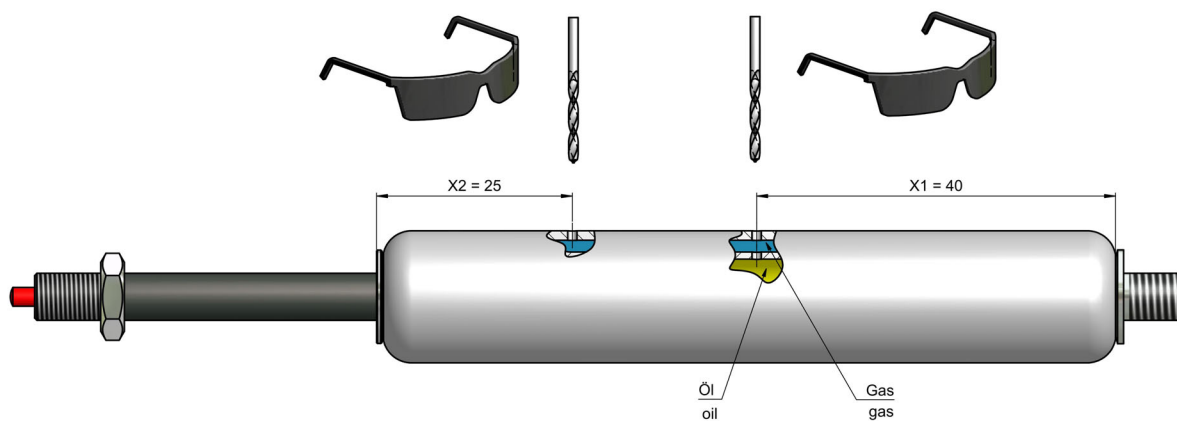
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1.3.5 Rigid locking gas spring (P-Type)



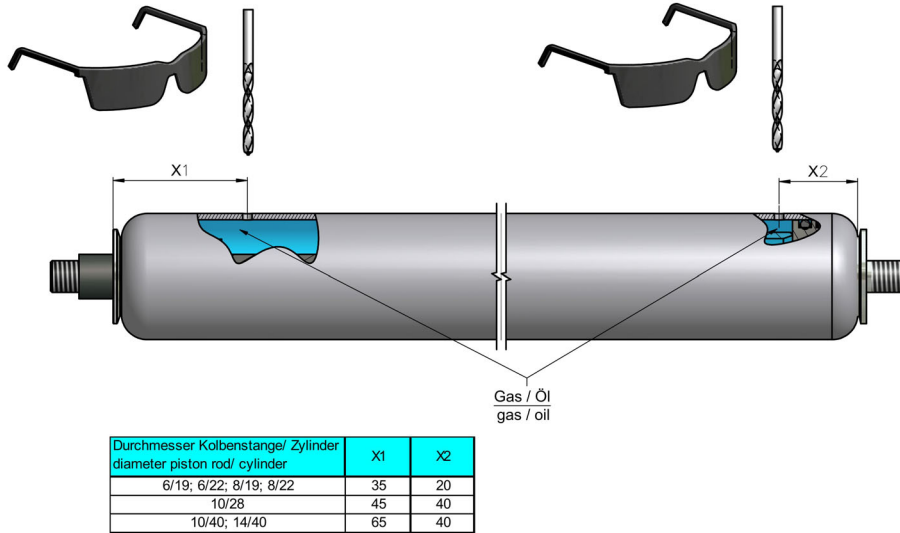
Durchmesser Kolbenstange/ Zylinder diameter piston rod/ cylinder	X1	X2
8/22; 10/22	20	30
8/28; 14/28	40	35
10/40; 14/40	40	55

1.3.6 Rigid locking gas spring (T-Type) sizes 8/28 and 10/28

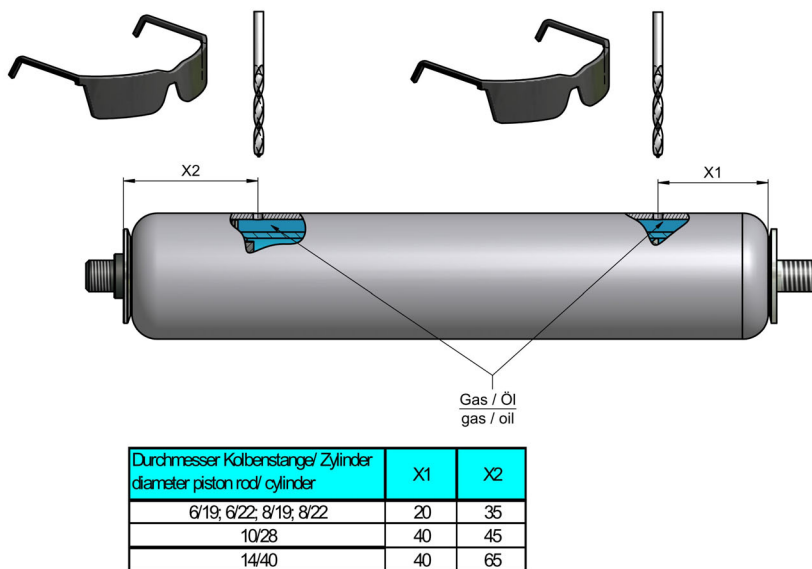


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1.3.7 Gas traction spring long construction (also with end damping)

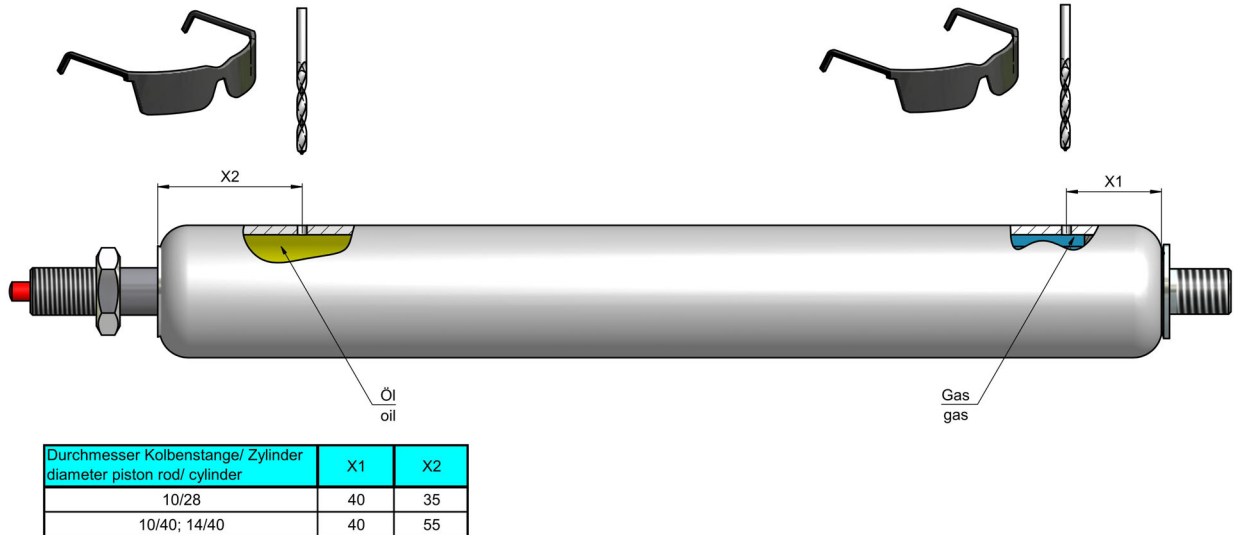


1.3.8 Gas traction spring short construction (also with end damping)

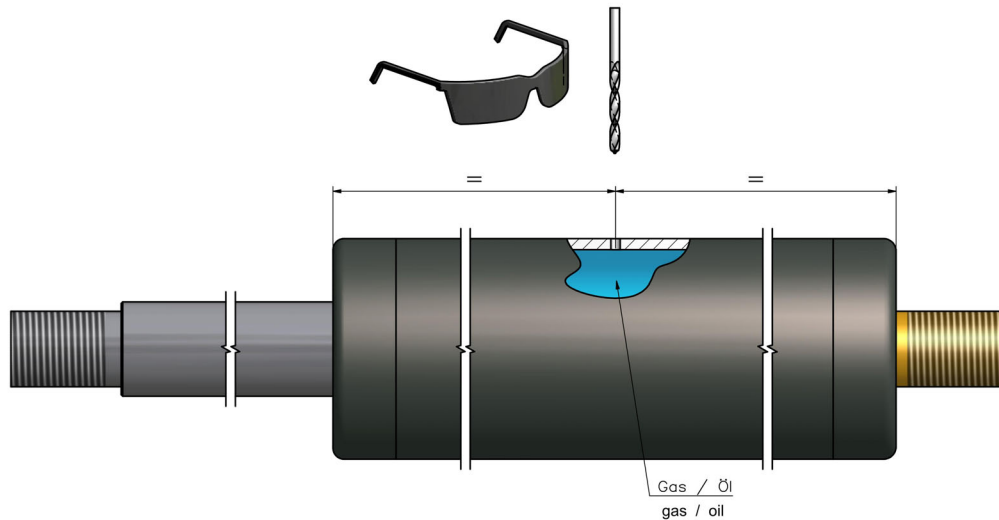


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1.3.9 Lockable traction spring



1.3.10 Gas spring 30/70



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