

## TH205

## PNEUMATIC ACCESSORIES



## Accessories:

**TH205-1**

2 pneumatic foot switches, tubes and fittings. Max. 10 bar.

None locking: The jaws of the grip open by pressing the foot pedal and close after removing the foot from the pedal. Only for single action rods with spring inside.

Scope of delivery: 1 pair of foot switches including tubes and fittings

**TH205-2 locking**

2 pneumatic foot switches, tubes and fittings. Max 10 bar.

With locking function: The jaws of the grip open by pressing the foot pedal and remain opened after removing the foot from the pedal. The jaws close by pressing the pedal one more time. Only for single action rods with spring inside.

Scope of delivery: 1 pair of foot switches including tubes and fittings

**TH205-PR16bar**

Optional for TH205-1 or TH205-2

Pressure regulator

To adjust air pressure: 1-16 bar

**TH205-3**

1 unit of pneumatic hand switches, tubes and fittings. Max. 16 bar.

With locking function

Only for single action rods with spring inside.

Scope of delivery: 1 unit of hand switches including tubes and fittings

**TH205-4-1/8"**

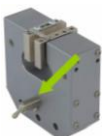
Pneumatic micro – hand switches, tubes and fittings, 1/8" connection. Max. 16 bar.

With locking function: The hand switches are directly installed at the grips, 3/2 directional valve.

Only for single action rods with spring inside.

Scope of supply: 2 hand switches including tubes and fittings

1/8" is used in TH149 TH83 TH232 TH108 THS65 THS132 TH56g+Ko TH240g+Ko

**TH205-4-M5**

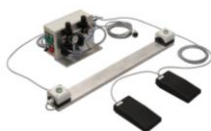
Pneumatic micro – hand switches, tubes and fittings, M5 connection. Max. 16 bar.

With locking function: The hand switches are directly installed at the grips, 3/2 directional valve.

Only for single action rods with spring inside.

Scope of supply: 2 hand switches including tubes and fittings

M5 is used in TH229 TH56k+Ko TH240k+Ko TH109-...+Ko

**TH205-6-2H Safety system for pneumatic grips**

Incl. 2 foot pedals, 2 hand buttons, and electric box. 220 volt, 10 bar

Step 1 Single closing of grips by low pressure (0.5 bar) by foot pedals

Step 2 By two hand buttons (which must be pressed simultaneously within 0.5 sec) pressure will be increased from 0.5 to 7 bar. Tensile test can be started now.

If any button is touched now load will drop to 0.5 bar

**TH205-8**

2 pneumatic foot switches, tubes and fittings. Max. 10 bar.

For double action rods. For grips like THS321, TH109+Ko, THS132, THS889, THS527+Ko.

Without spring inside

Scope of delivery: 1 pair of foot switches including tubes and fittings.

**TH216 Silent compressor for laboratories, oil-lubricated, with pressure reducer**

Max pressure 16 bar; 230 V/50 HZ; noise level: 38 dB(A)

Motor: 0.13 kW; displacement: 17 l/min; tank size 3.5 l

Dimensions: 340x290x340 mm (L x W x H); weight 18 kg



TH205-4 Hand switch + Tubes

+ Euro Plug (diameter 12mm hole 7.9mm)



TH205-4-1/8"

Micro hand switches incl. tubes and fittings



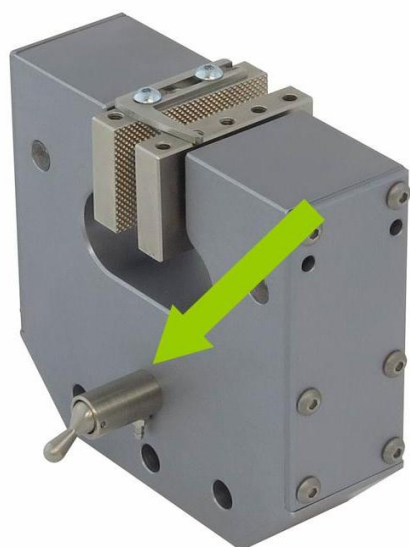
TH205-4-1/8 Handswitch

For TH149 TH108 TH83 TH2232  
TH126

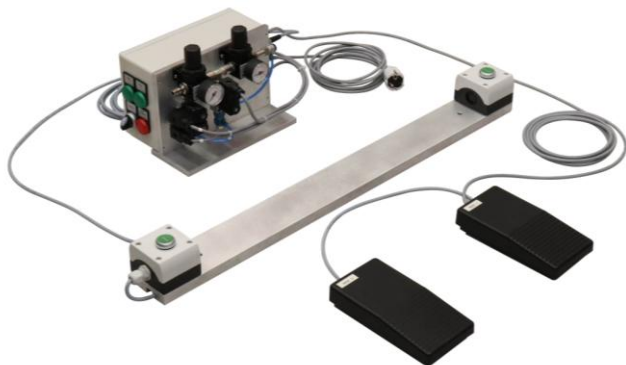


TH205-4-M5 Handswitch

For TH229 TH56k+Ko TH240k+Ko  
THS13  
THS22



TH149 + TH205-4-1/8



TH205-6-2H

Safety system for pneumatic grips

TH229 + TH205-4-M5



TH196-2-M5

Teflon tubes for 280°C usage



Teflon tubes for 280°C usage

We deliver one side of Teflon tube like this ready spigots when grips are ordered with T Option

T180°C or T280°C

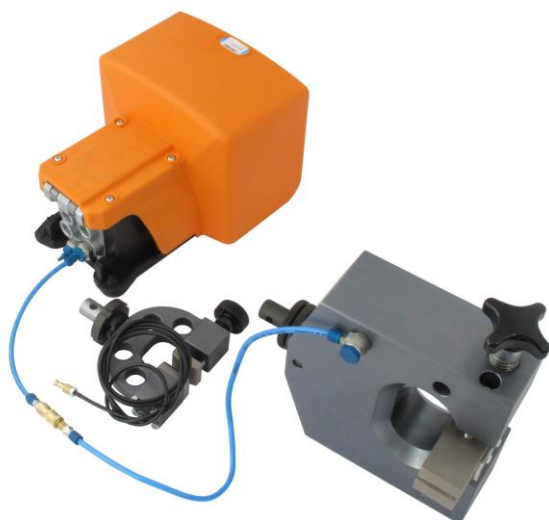
Quetschhülsenbefestigung





TH205-9

plug for tubes for easy change grips



TH205-2 feed pedal

TH94 small pneumatic grip

TH83 bigger pneumatic grip

TH205-9 plug system

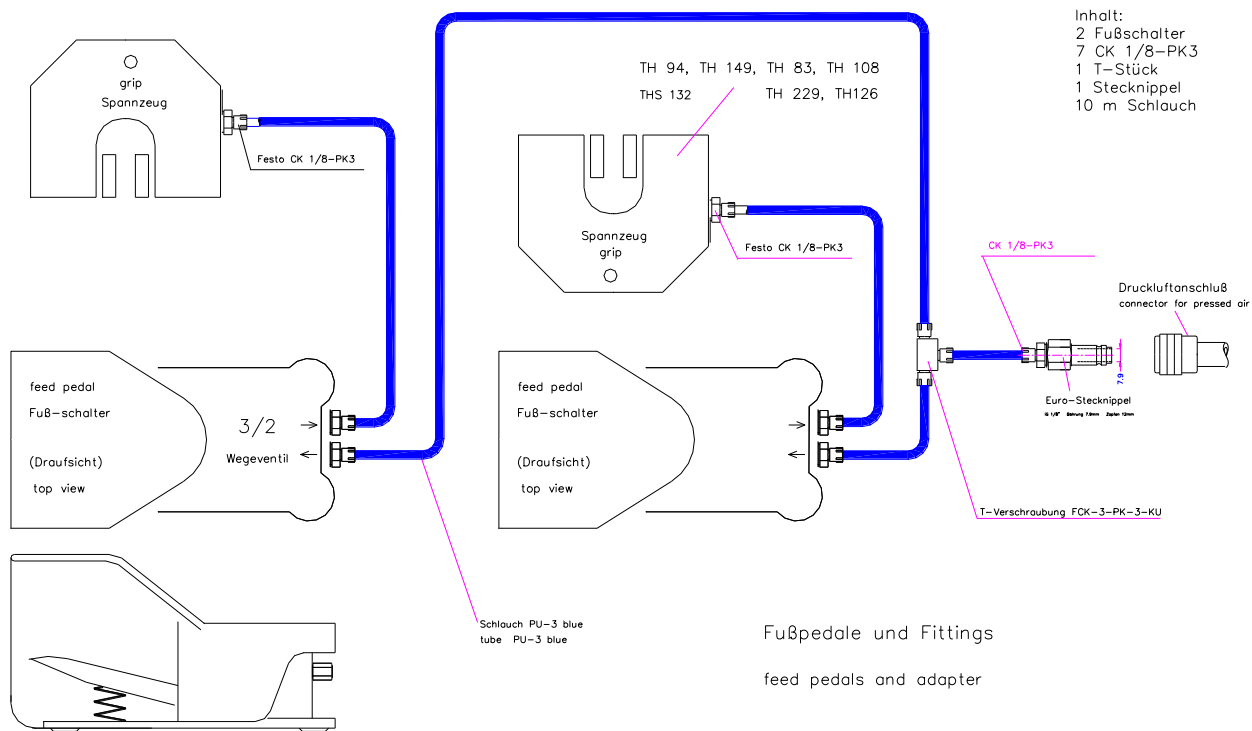


TH205-PK23

small pneumatic grips have a tube with 2mm

on feed pedals fittings allow a connection to a tube with 3mm diameter

to connect small grips to feed pedals included with all small grips with a tube of 2mm



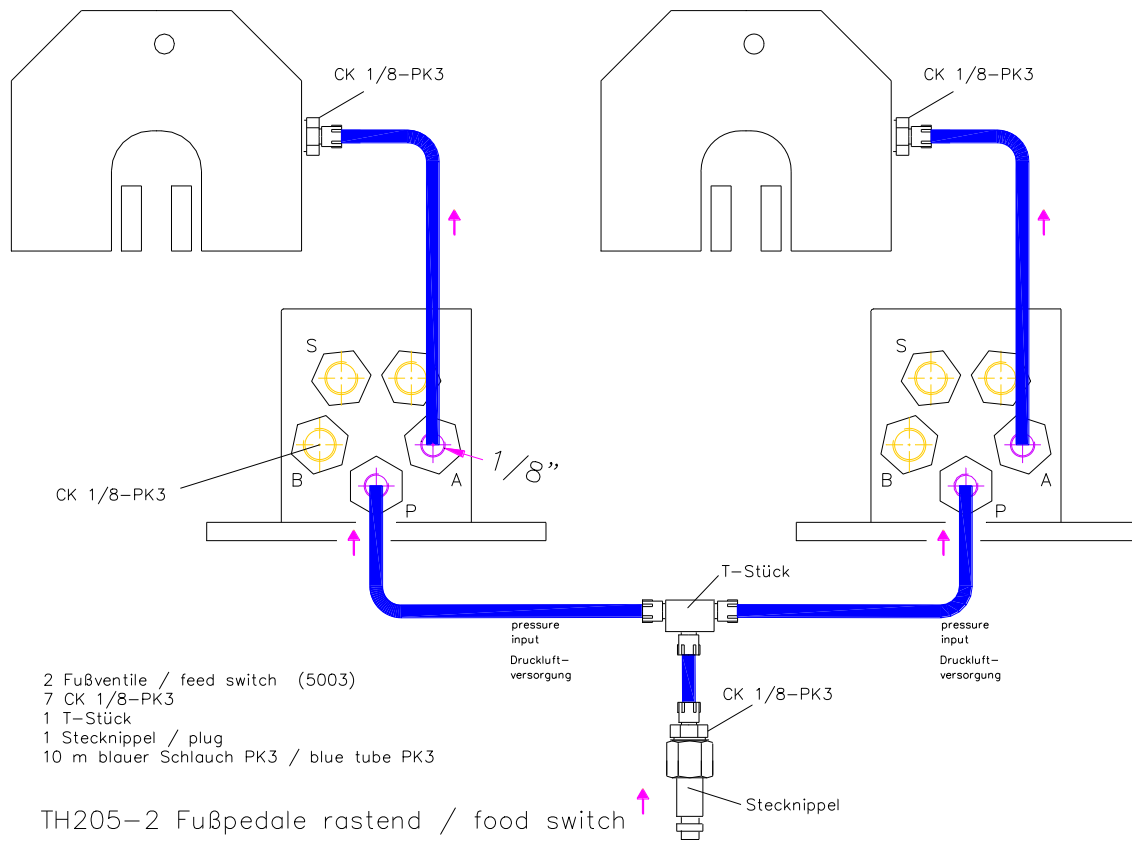
- Inhalt:  
 2 Fußschalter  
 7 CK 1/8-PK3  
 1 T-Stück  
 1 Stecknippel  
 10 m Schlauch

Fußpedale und Fittings

feed pedals and adapter

TH205-1 Fußpedale nicht rastend

TH205-1



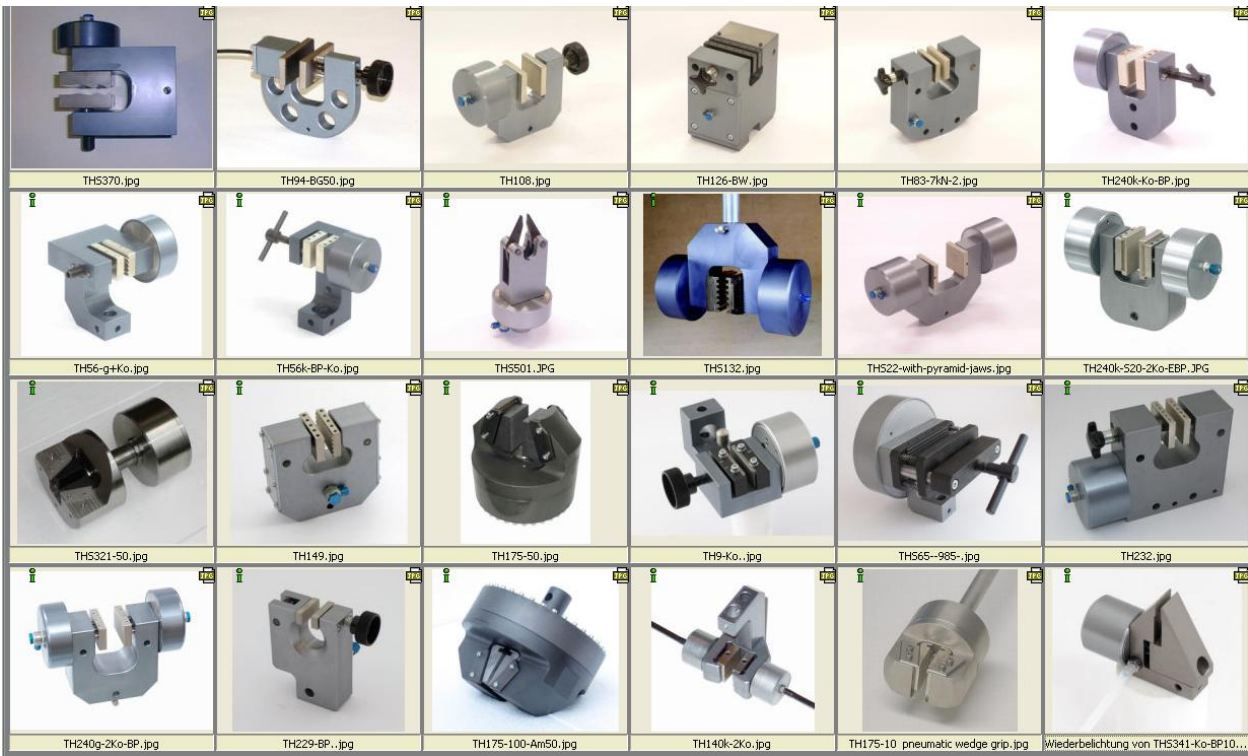
## TH205-2

Only TH205-1, TH205-2, TH205-3- TH205-4 can be used with single action grips (spring return)

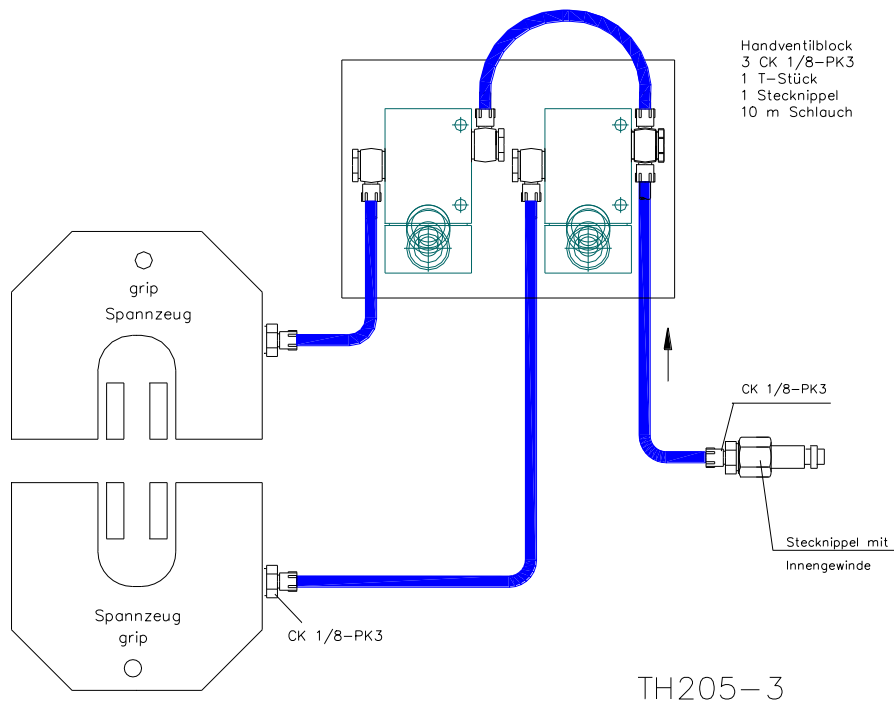
Single action working grips are

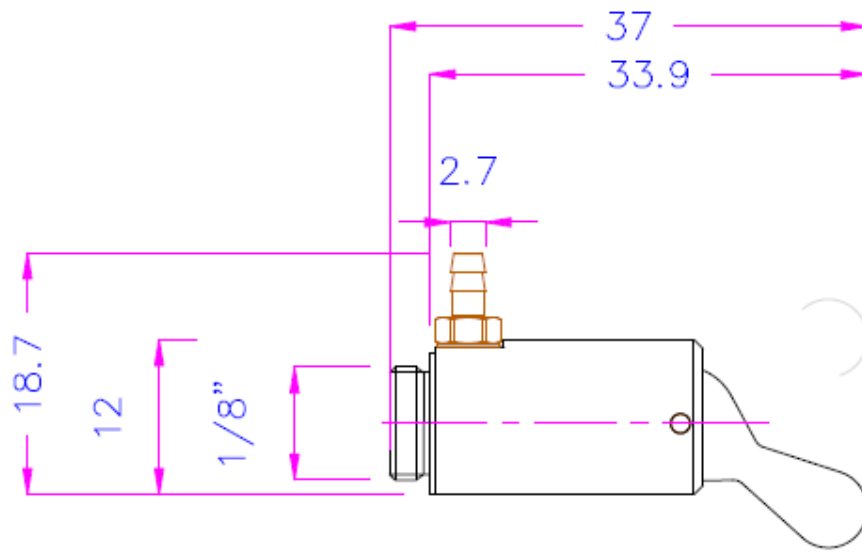
TH229, TH94, TH175 TH83, TH126m TH232, TS65, THS132, THS370, THS501, TH240..+Ko, TH56..+Ko  
 THS341+Ko, TH149 THS22

For double action grips like THS321-..-Pn or TH109-..-Ko we propose TH205-8

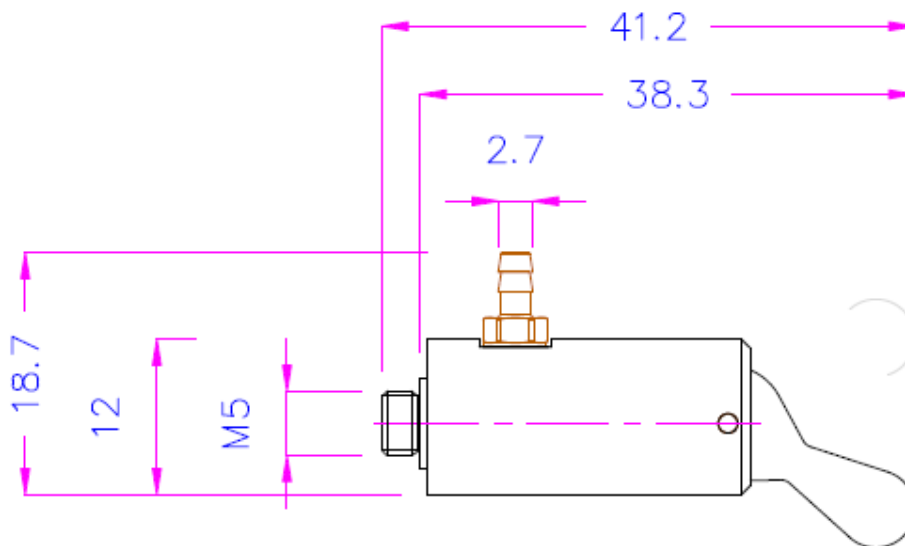


TH205-1, TH205-2, TH205-3- TH205-4 are not possible for THS321



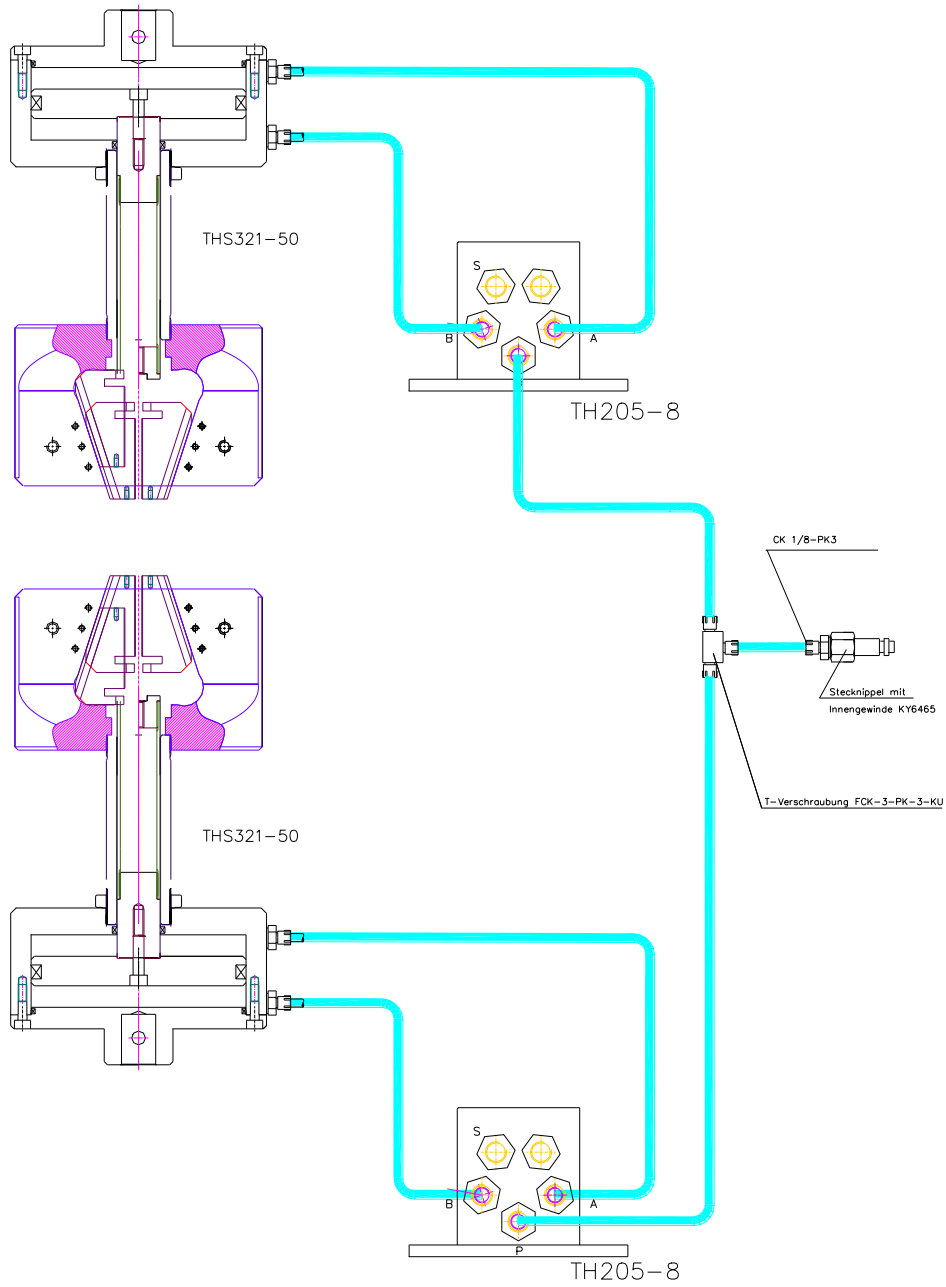


TH205-4-1/8"



TH205-4-M5





TH205-8-SP

<http://youtu.be/u9pQRQUjKks>

TH205-2 13 bar

[http://youtu.be/MzuwM\\_zvLT4](http://youtu.be/MzuwM_zvLT4)

TH205-2 how locking works

<http://youtu.be/AqtWTxeKVFk>

How to adjust pressure

[www.grip.de/G12/TH205/TH205-2](http://www.grip.de/G12/TH205/TH205-2)

How to assemble the tubes on a grip

[www.grip.de/G12/TH205](http://www.grip.de/G12/TH205)

2.10.2018MT