

## Kühlung auf den Punkt gebracht

### The problem with plastic hoses

- Elevated coolant pressures cannot be achieved
- The position can be adjusted by vibration and chips
- The cooling is not reliable and targeted

### The problem with curved copper or steel pipes:

- Long rust/setup/bending times
- No nozzle technology
- Cannot be reproduced

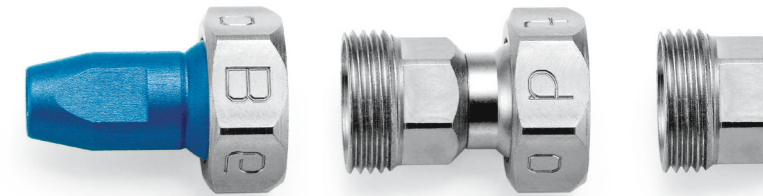
### The solution:

## BESTDO cooling supply system made of metal



### The system

The compact spherical screw caps with a seal ring and 3-point support are available in three diameters. The components that are available make individual adjustment to any machine type possible. We would be pleased to put together an individual set for your machine.



### BESTDO – flexible and individual

For lathes, milling machines, saws etc. The BESTDO cooling supply system can be used on almost any machine on which cooling is needed and provided. We offer matching connection elements for every kind of machine. Basic elements of various lengths and three diameters made of metal and nozzles made of aluminium, plastic and steel round off the system.



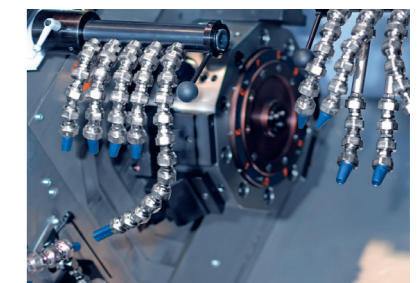
#### Flushing nozzle

Flushing nozzles with 5 or 8 holes can be used in a very flexible manner and are available in two diameters.



#### High pressure

50 bar pressure – no problem. Also extremely stable and can be used directly in the working area.



#### Full equipment

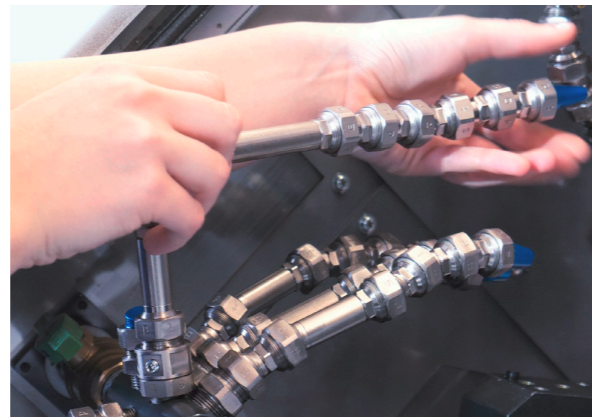
Using the example of a Star ST-38. The BESTDO cooling supply system made of metal.



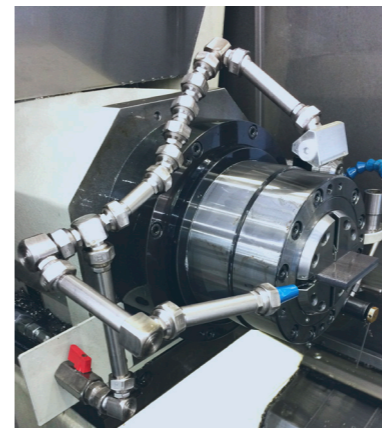
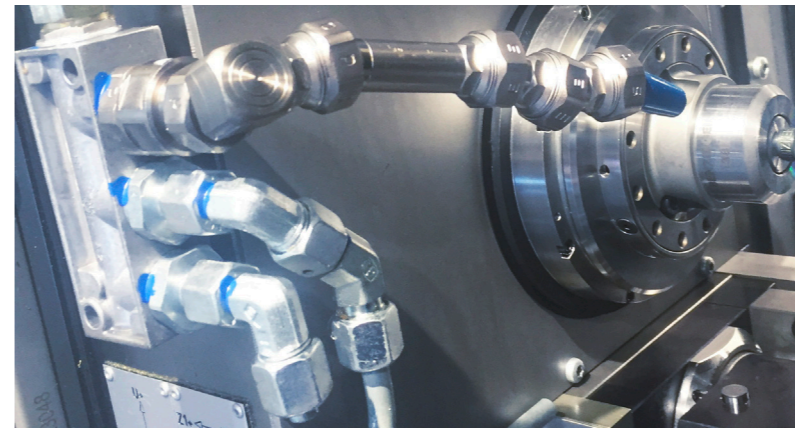
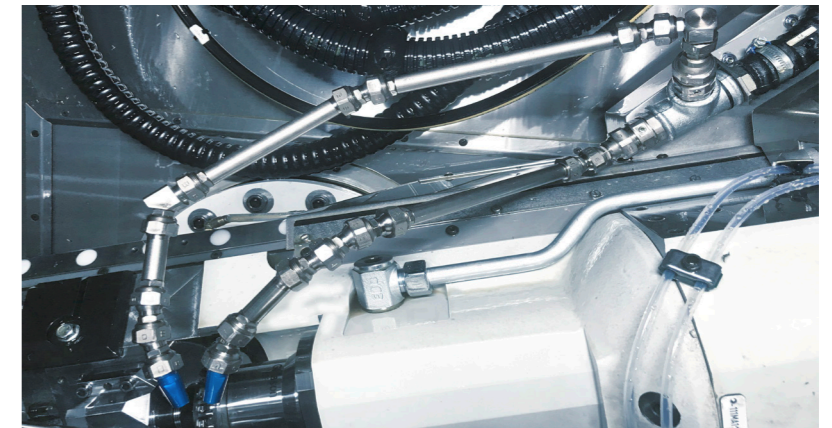
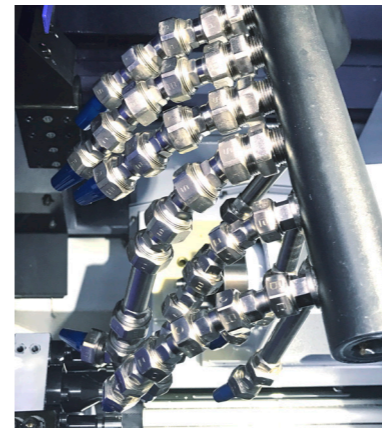


## Advantages of BESTDO

- Easy to assemble
- Can be adjusted with pinpoint accuracy
- Precise alignment even if there are high levels of vibration and significant chip formation
- Can be individually configured (modular system)
- Flexible yet rigid (can be screwed in)
- Pressure-resistant up to 50 bar
- Low levels of wear (long service life)
- Increase in process reliability
- Increase in tool stand time
- Latest nozzle technology
- Rapid changing system
- Can also be used with compressed air



## Modular construction system – can be individually configured

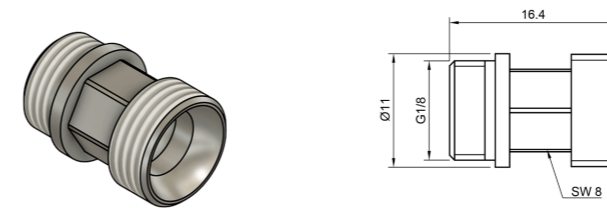






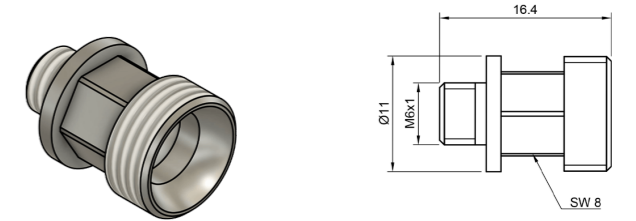
**Best-0**  
Connections

Best-0-AD-110



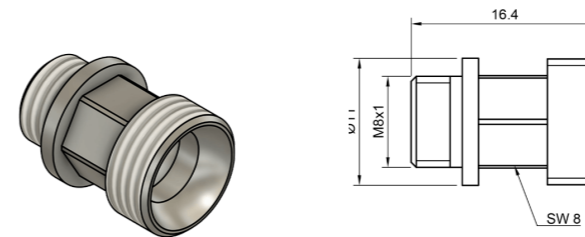
Adapter G1/8

Best-0-AD-220



Adapter M6x1

Best-0-AD-130

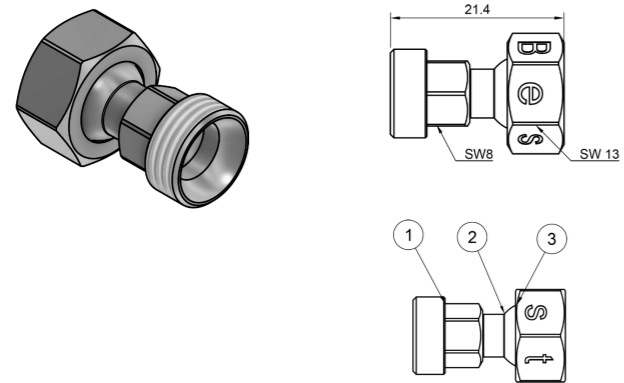


Adapter M8x1



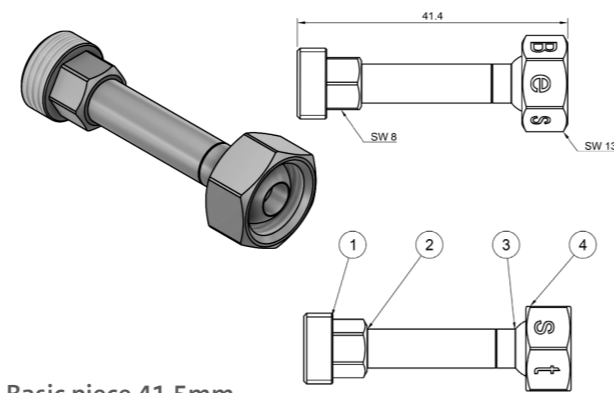
**Best-0**  
Basic piece

Best-0-BS-100



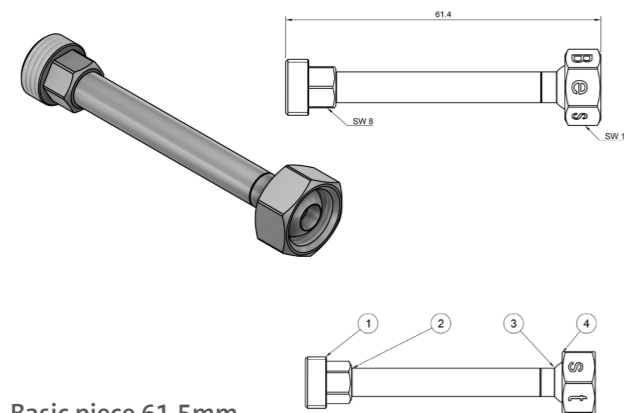
Basic piece 21,5mm

Best-0-BS-120



Basic piece 41,5mm

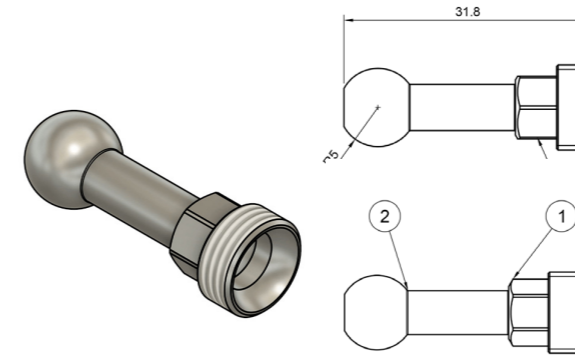
Best-0-BS-140



Basic piece 61,5mm

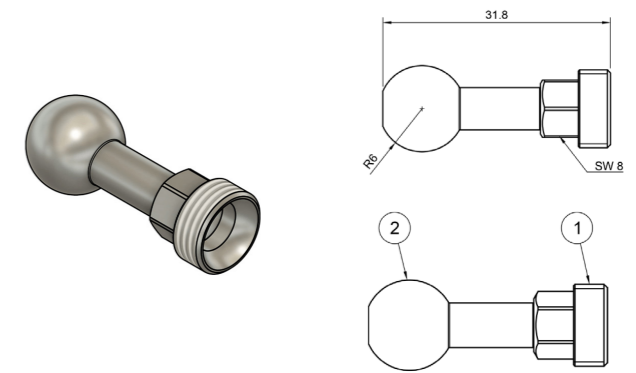
**Best-0**  
Connections to tool holders

Best-0-WZH-10



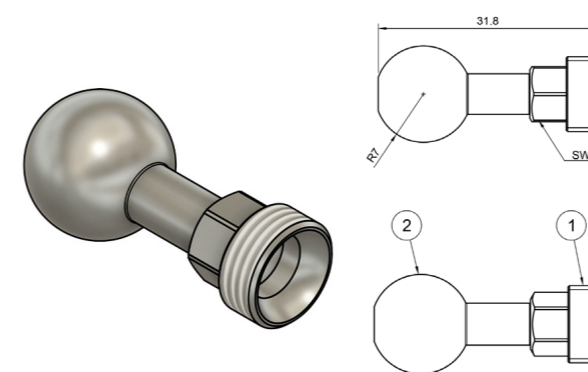
Connection  $\varnothing$  10mm – 32mm lang

Best-0-WZH-12



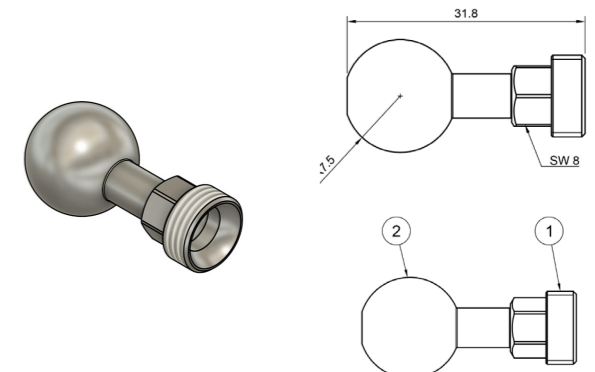
Connection  $\varnothing$  12mm – 32mm lang

Best-0-WZH-14



Connection  $\varnothing$  14mm – 32mm lang

Best-0-WZH-15

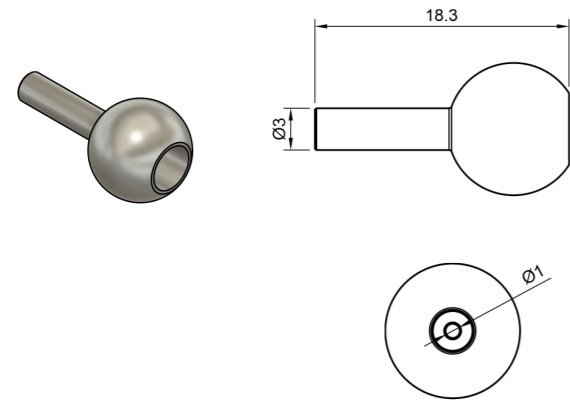


Connection  $\varnothing$  15mm – 32mm lang



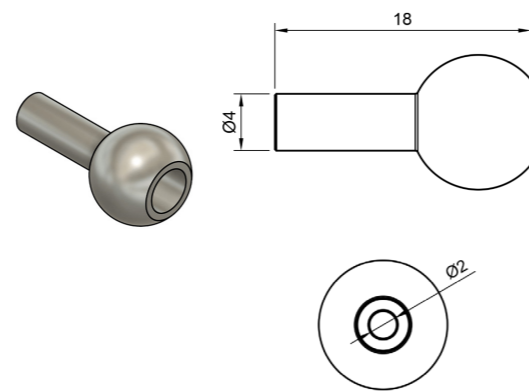
**Best-0**  
Nozzles & Nuts

Best-0-DUE-100



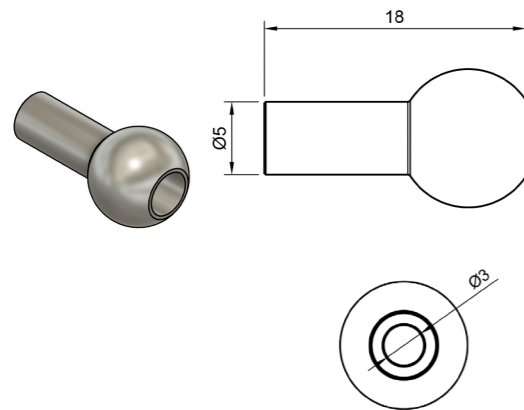
Nozzle Ø1

Best-0-DUE-200



Nozzle Ø2

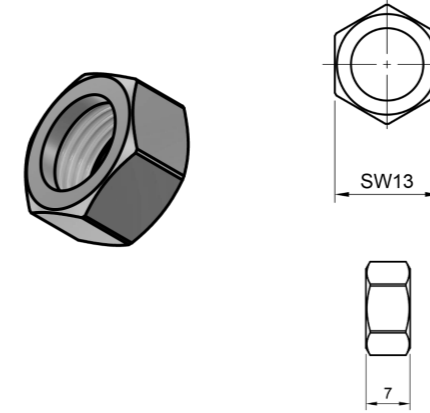
Best-0-DUE-300



Nozzle Ø3

**Best-0**  
Nozzles & Nuts

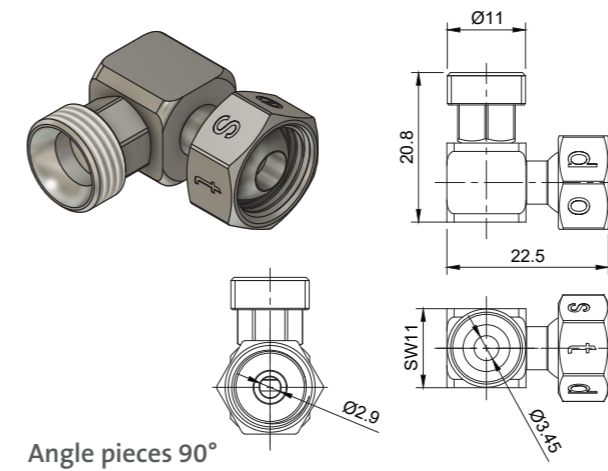
BEST-0-BS-103



Nut

**Best-0**  
Angle pieces

Best-0-WS-100

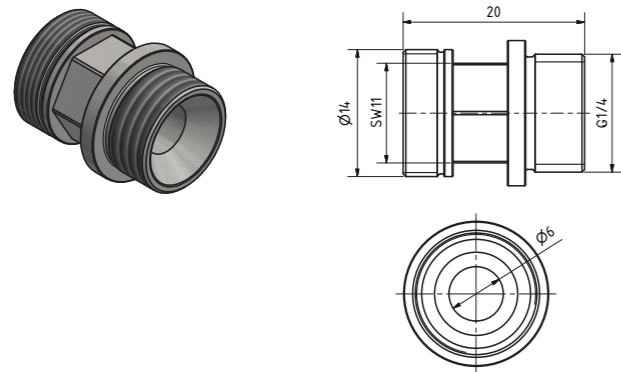


Angle pieces 90°



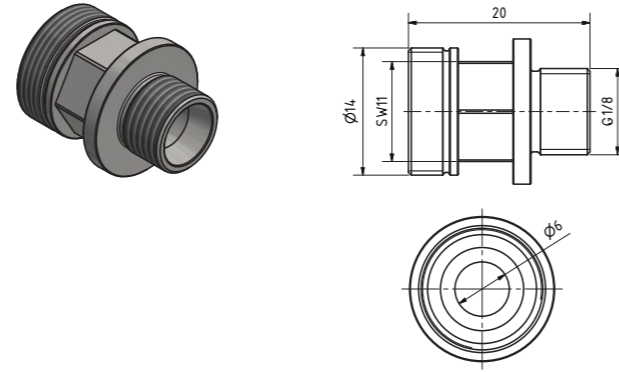
## Best-1 Connections

Best-1-AD-100



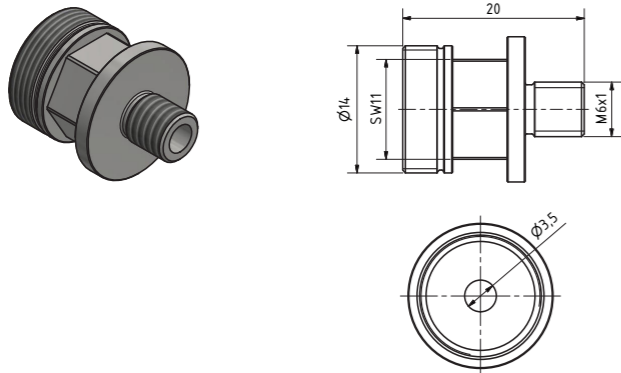
Adapter G1/4

Best-1-AD-110



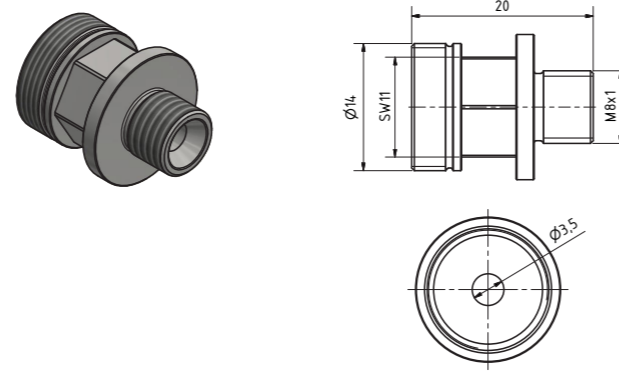
Adapter G1/8

Best-1-AD-220



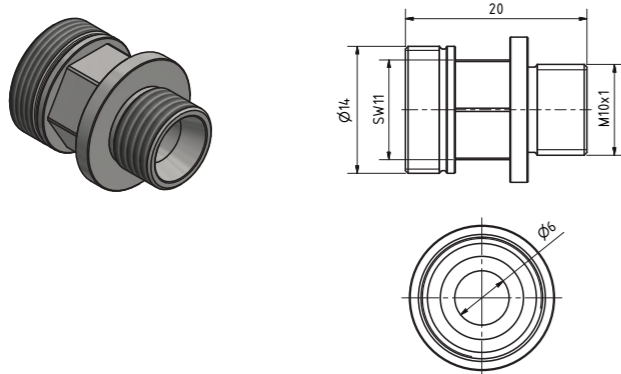
Adapter M6x1

Best-1-AD-130

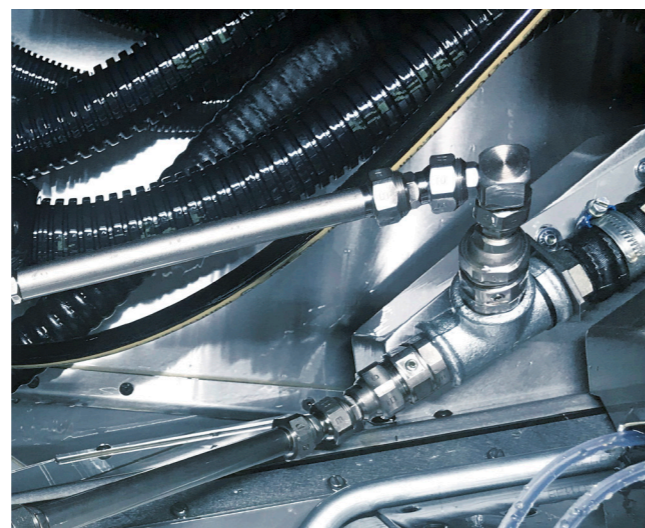


Adapter M8x1

Best-1-AD-200

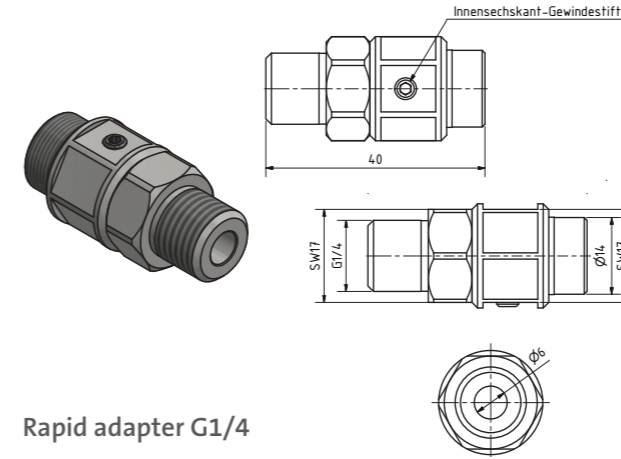


Adapter M10x1



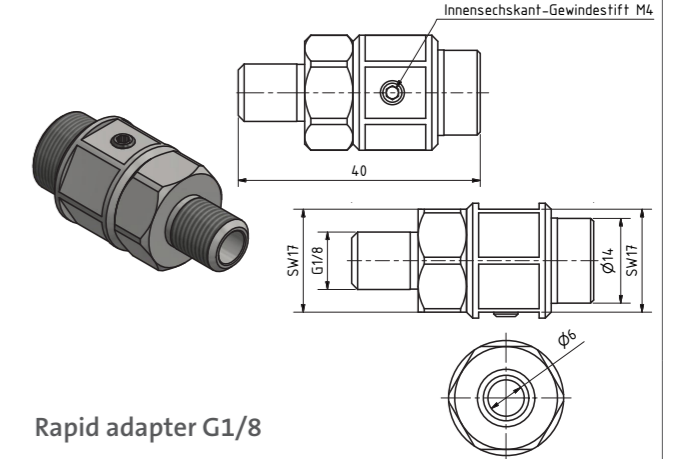
## Best-1 Connections

Best-1-AD-150



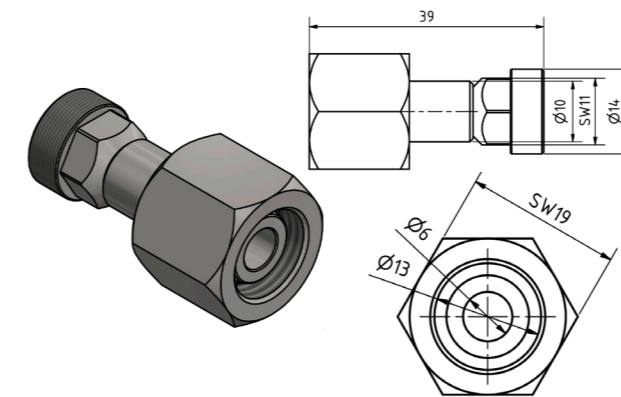
Rapid adapter G1/4

Best-1-AD-160



Rapid adapter G1/8

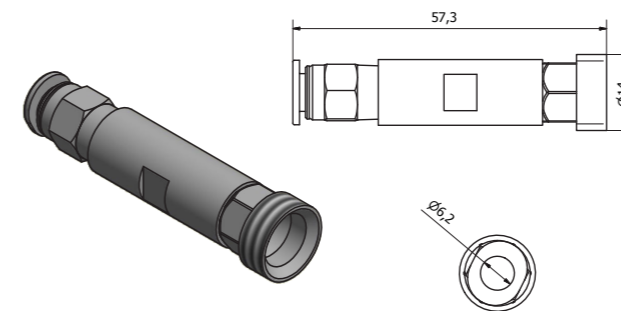
Best-1-HYD-XX-YYY



Hydraulic connection 39mm

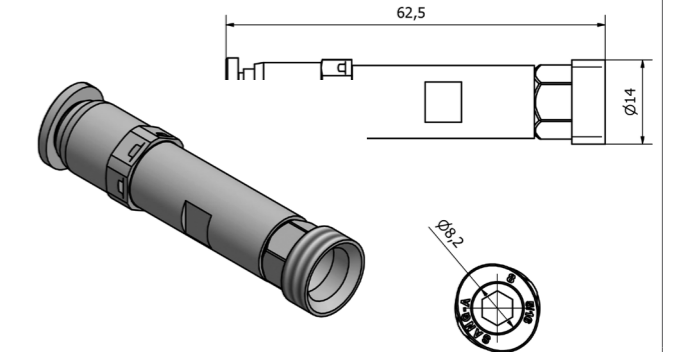
xx (Length)	YYY (Union nut)
10 = 39 mm	L10
30 = 69 mm	L12
60 = 99 mm	
100 = 139 mm	

Best-1-Luft-100-6



Air connection for hose  $\phi 6$

Best-1-Luft-100-8

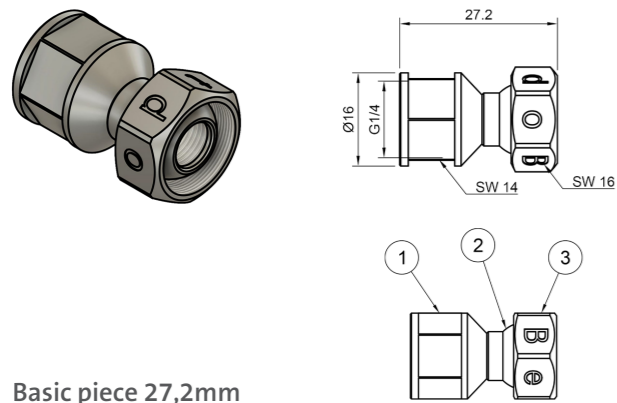


Air connection for hose  $\phi 8$



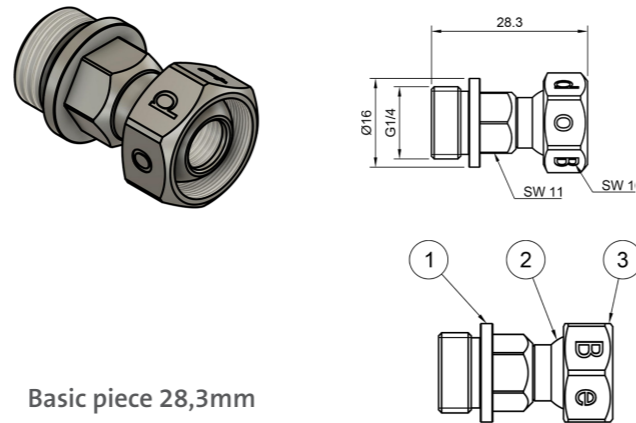
**Best-1**  
Basic piece

Best-1-BS-100-1/4-IG



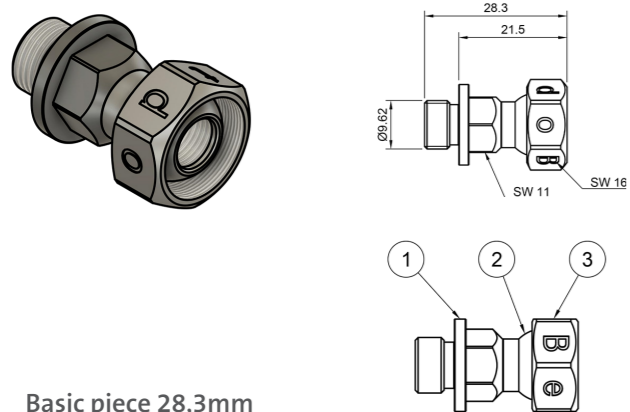
Basic piece 27,2mm

Best-1-BS-100-1/4-AG



Basic piece 28,3mm

Best-1-BS-100-1/8-AG

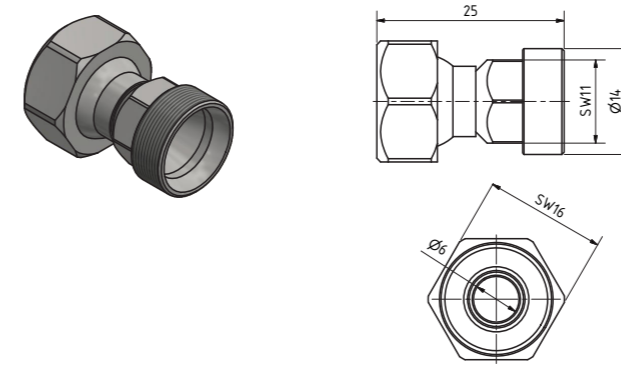


Basic piece 28,3mm

For attaching nozzles from external suppliers.

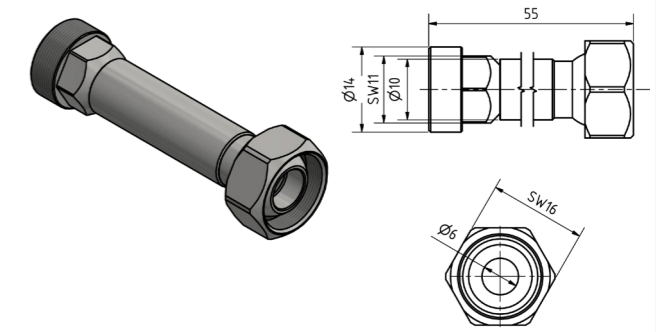
**Best-1**  
Basic piece

Best-1-BS-100



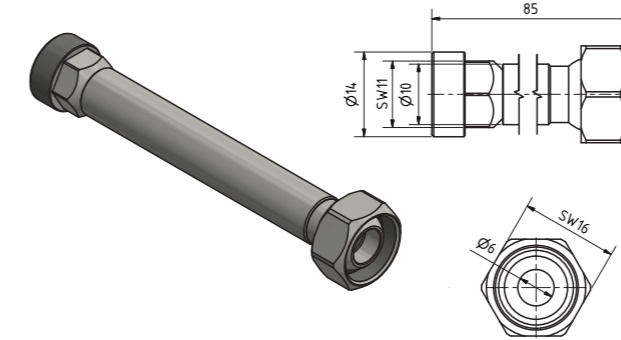
Basic piece 25mm

Best-1-BS-130



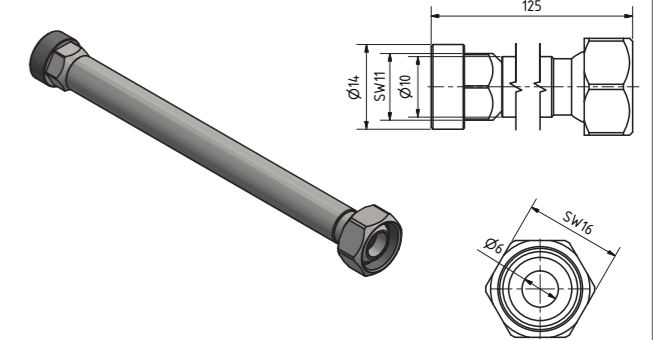
Basic piece 55mm

Best-1-BS-120



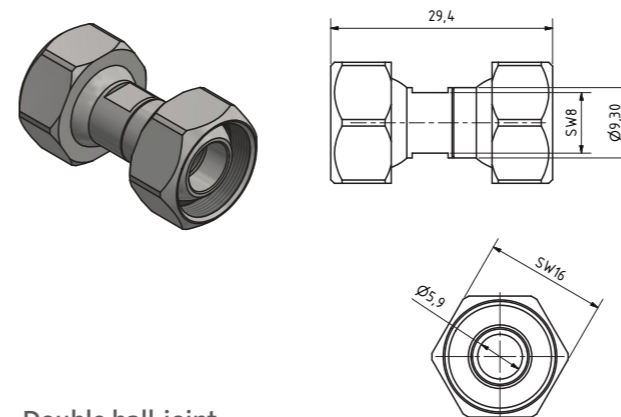
Basic piece 85mm

Best-1-BS-110

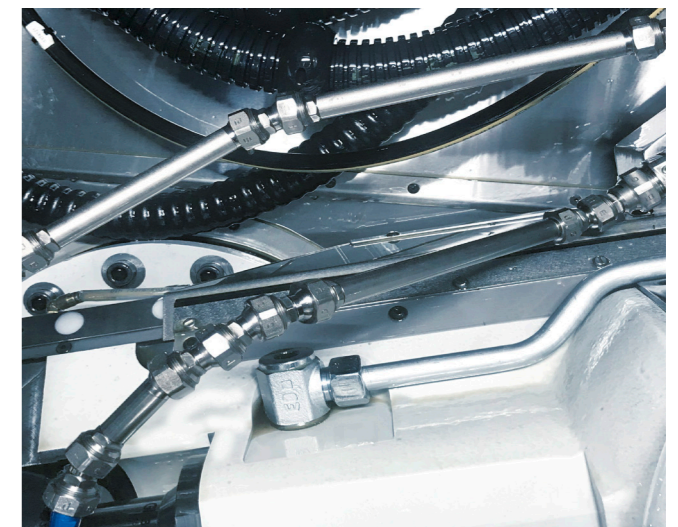


Basic piece 125mm

Best-1-AD-140



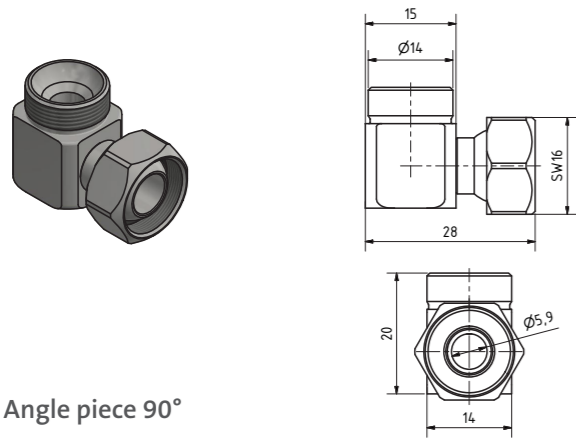
Double ball-joint





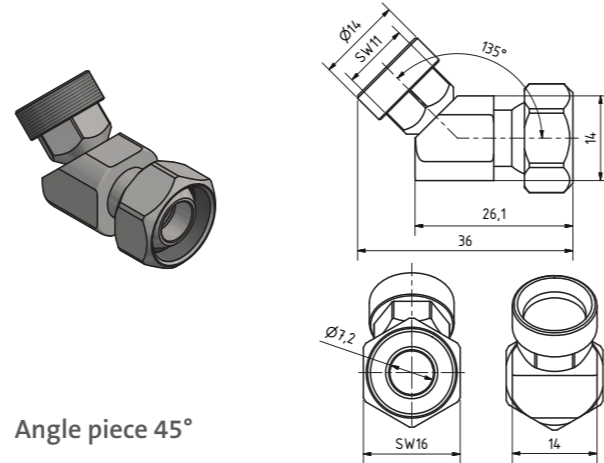
**Best-1**  
Angle pieces

Best-1-WS-100



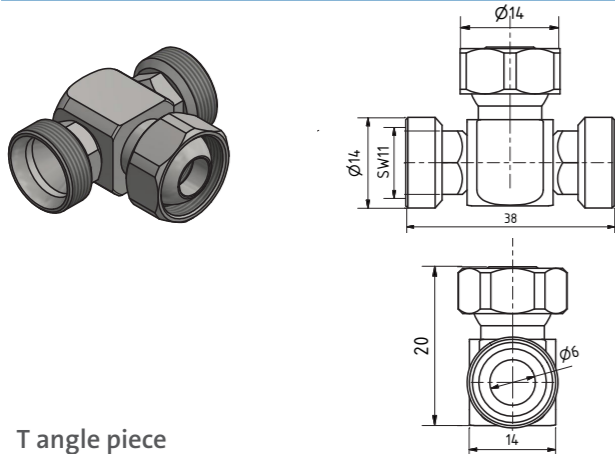
Angle piece 90°

Best-1-WS-600

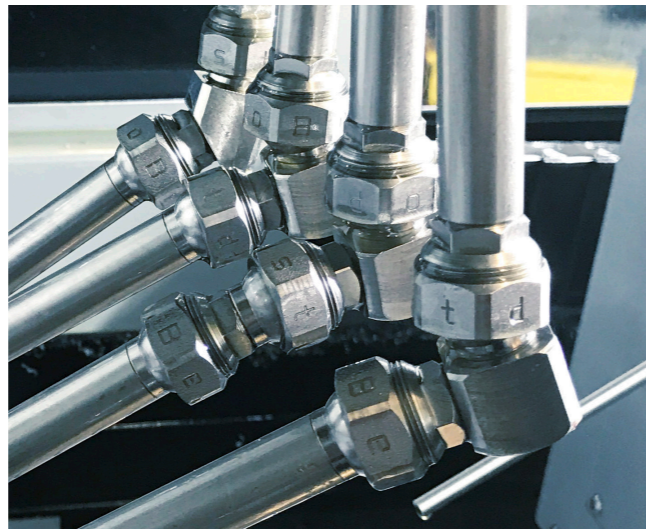


Angle piece 45°

Best-1-WS-200

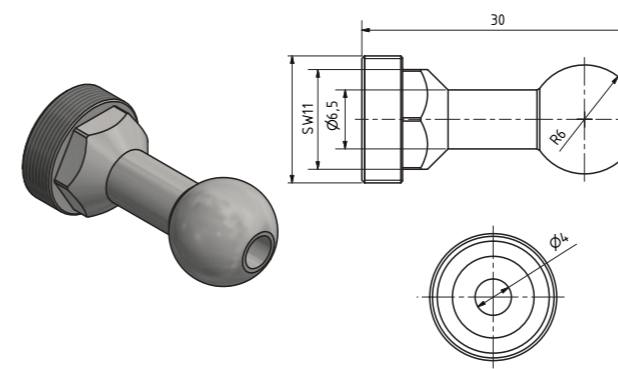


T angle piece



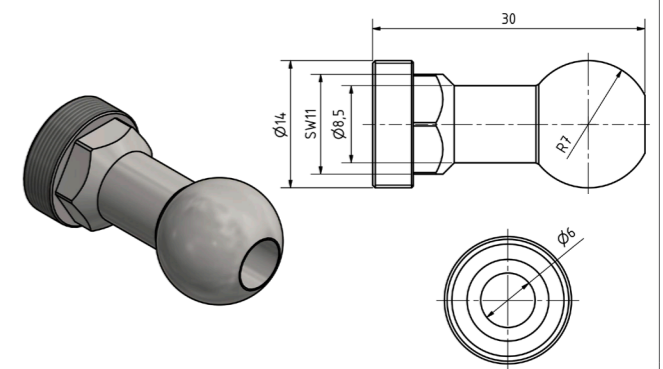
**Best-1**  
Connections to tool holders

Best-1-WZH-12



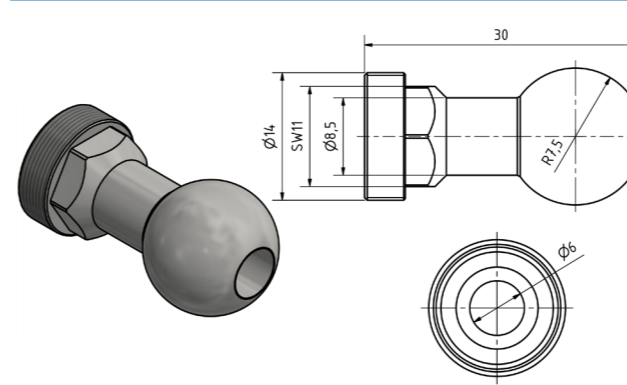
Connection Ø 12mm – 30mm lang

Best-1-WZH-14



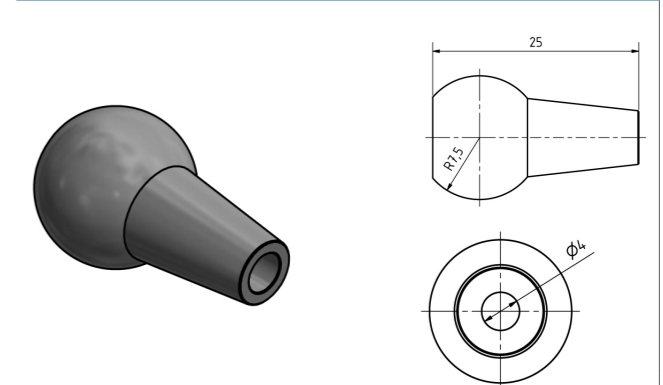
Connection Ø 14mm – 30mm lang

Best-1-WZH-15



Connection Ø 15mm – 30mm lang

Best-1-DUE-15



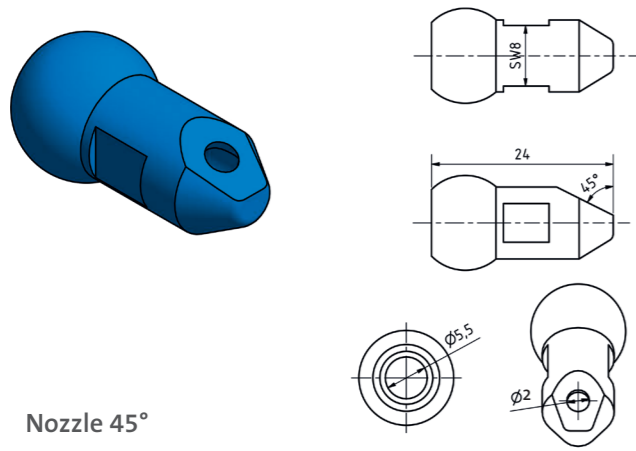
Spherical nozzle 15mm 25mm lang





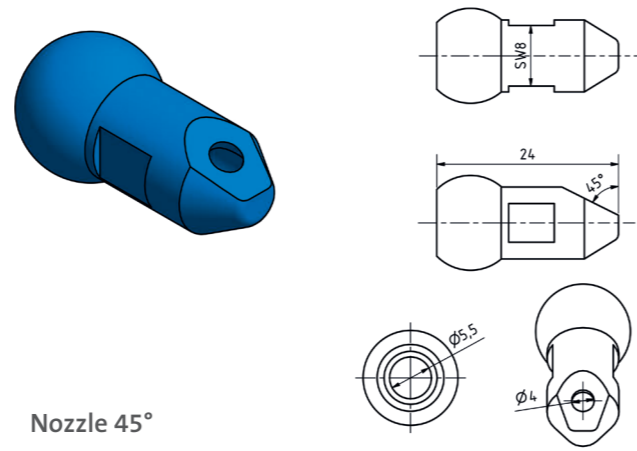
**Best-1**  
Nozzles

Best-1-DUE-170-2



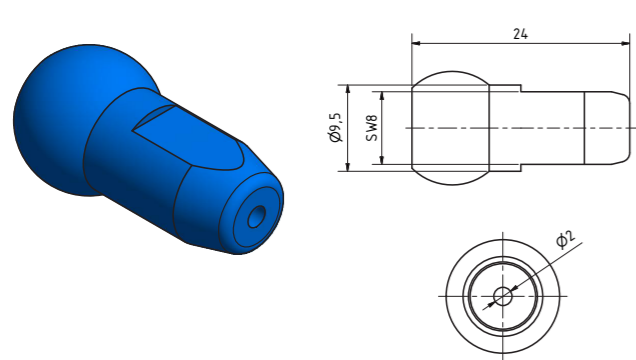
Nozzle 45°

Best-1-DUE-170-4



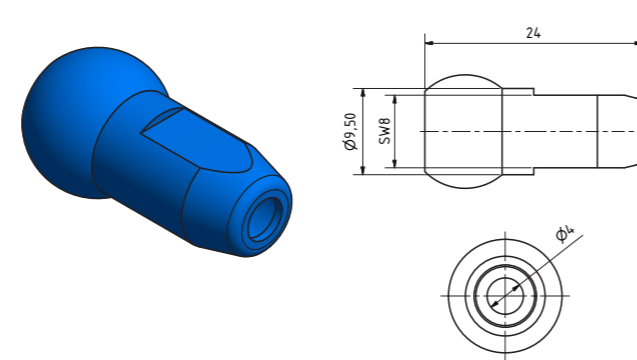
Nozzle 45°

Best-1-DUE-110



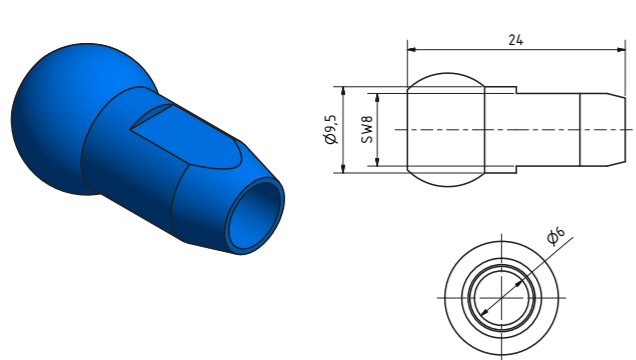
Nozzle  $\phi$  2,0mm

Best-1-DUE-130



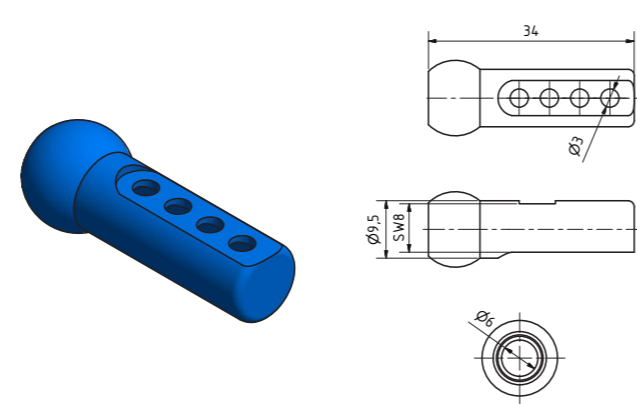
Nozzle  $\phi$  4,0mm

Best-1-DUE-140



Nozzle  $\phi$  6,0mm

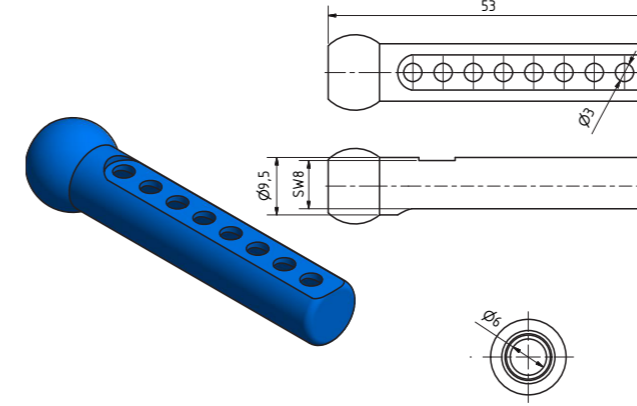
Best-1-DUE-150



Nozzle with 4x bore holes (34mm)

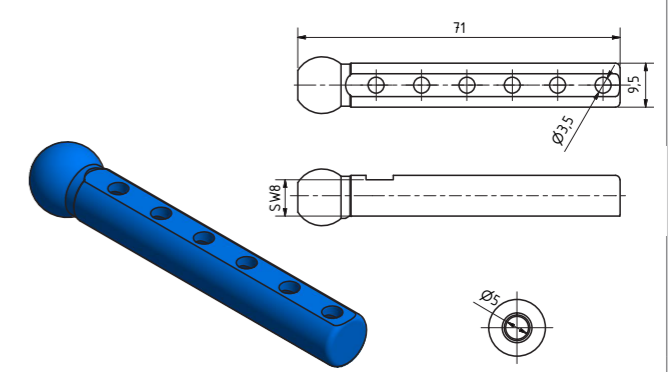
**Best-1**  
Nozzles

Best-1-DUE-160



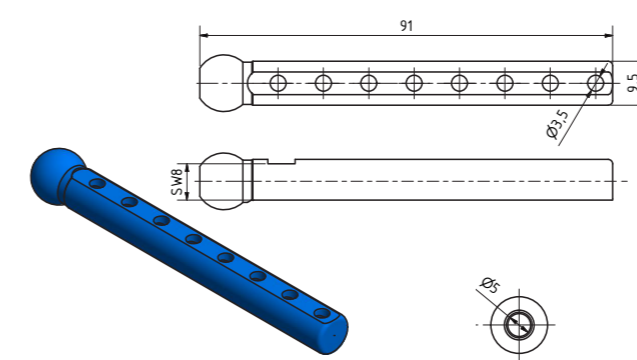
Nozzle with 8x bore holes (53mm)

Best-1-DUE-180



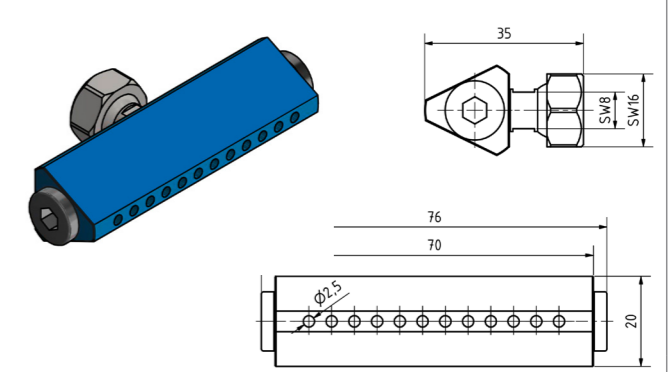
Nozzle with 6x bore holes (71mm)

Best-1-DUE-190



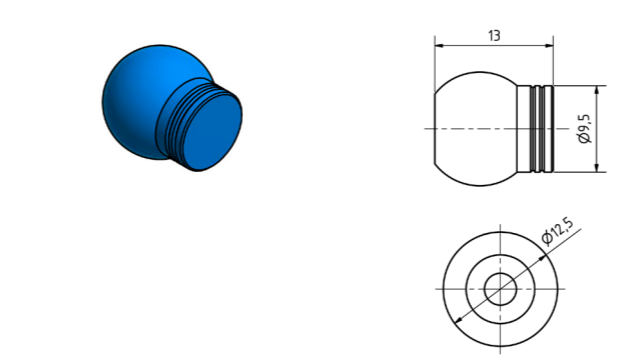
Nozzle with 8x bore holes (91mm)

Best-1-AK-100



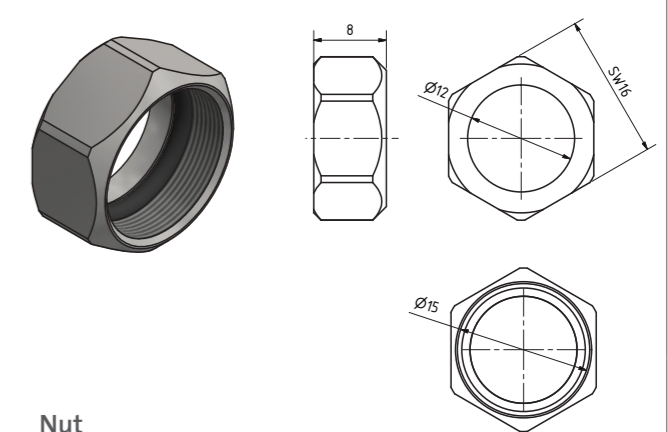
All-rounder 12x bore holes  $\phi$ 2.5 (inc. nut)

Best-1-BL-100



Filler plugs

Best-1-BS-103



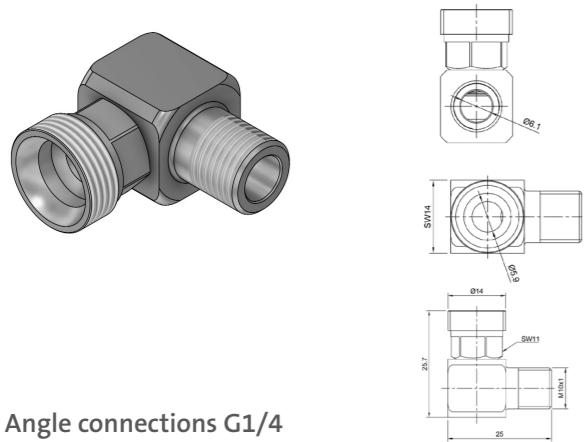
Nut



**Best-1**

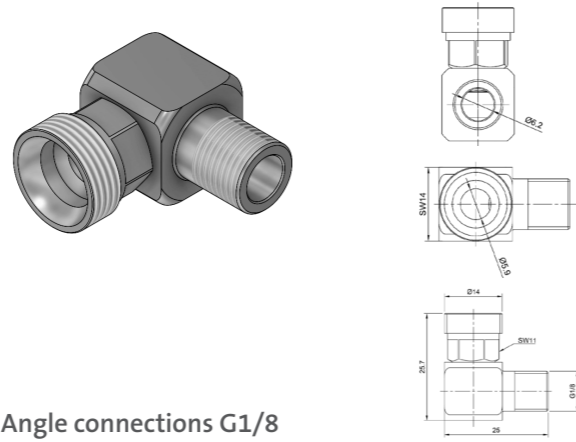
Angle connections

Best-1-WS-G1/4



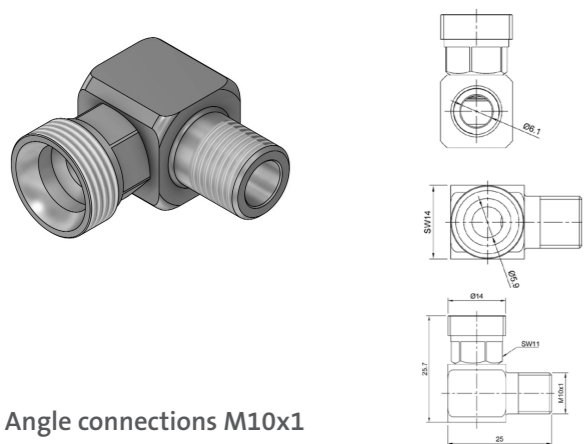
Angle connections G1/4

Best-1-WS-G1/8



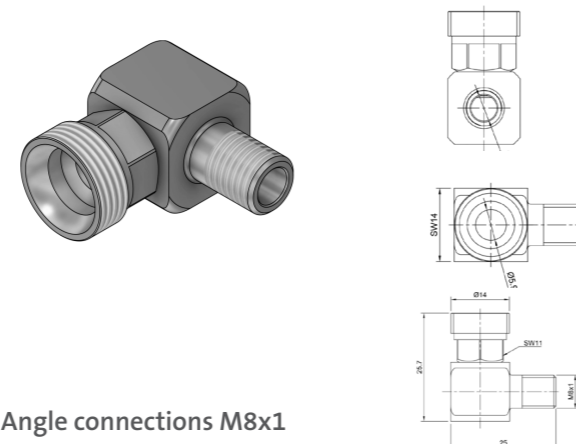
Angle connections G1/8

Best-1-WS-M10x1



Angle connections M10x1

Best-1-WS-M8x1

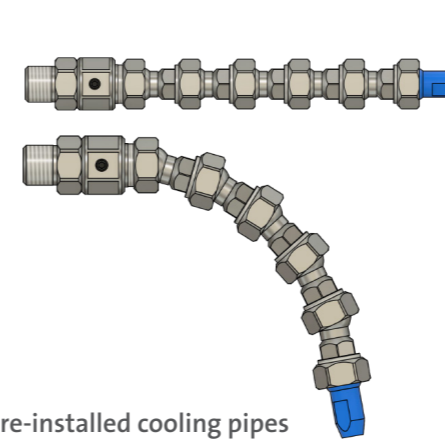


Angle connections M8x1

**Best-1**

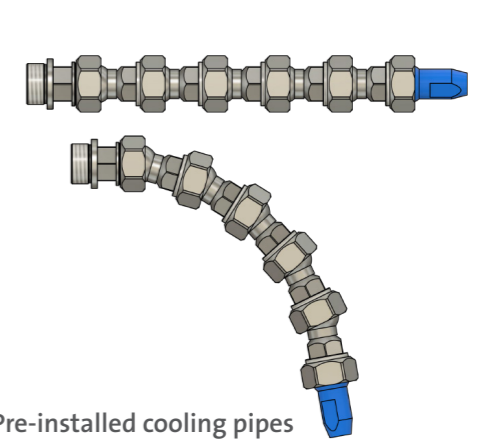
Pre-installed cooling pipes

Best-1-LG-135-SA



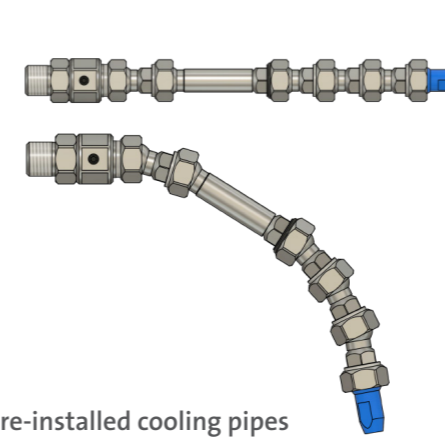
Pre-installed cooling pipes

Best-1-LG-135



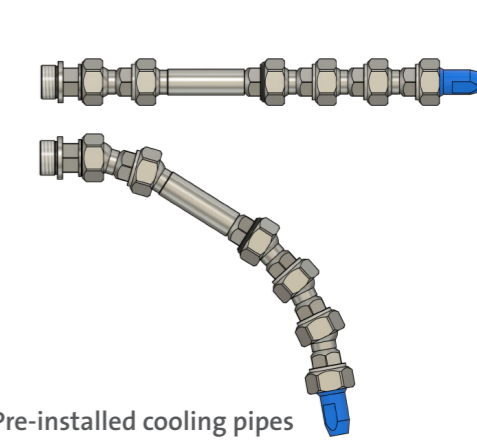
Pre-installed cooling pipes

Best-1-LG-165-SA



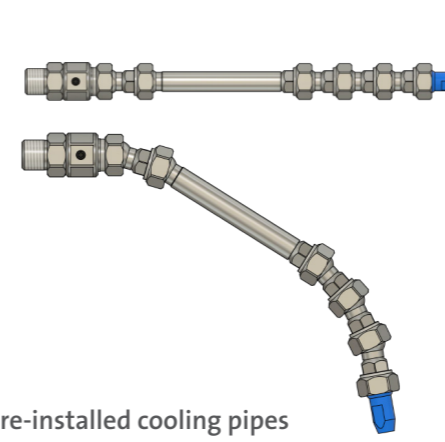
Pre-installed cooling pipes

Best-1-LG-165



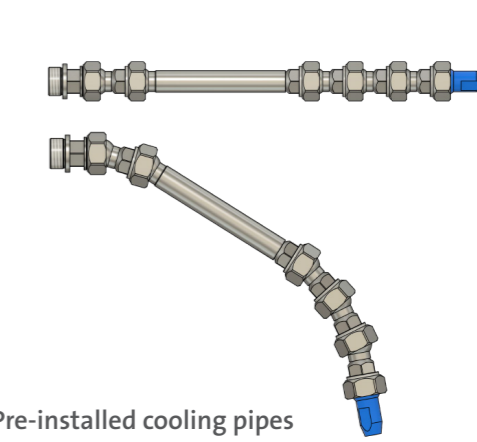
Pre-installed cooling pipes

Best-1-LG-195-SA



Pre-installed cooling pipes

Best-1-LG-195



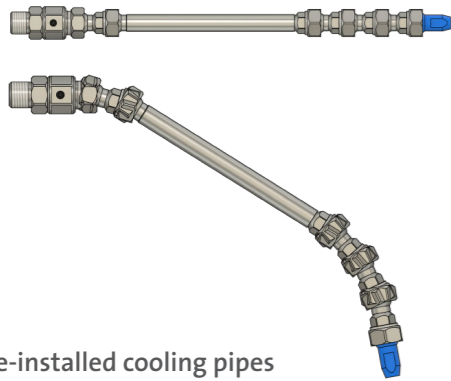
Pre-installed cooling pipes



## Best-1

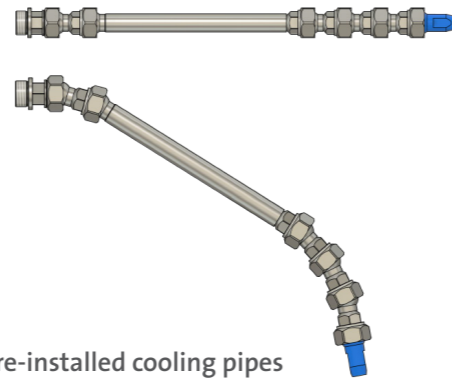
### Pre-installed cooling pipes

Best-1-LG-235-SA



Pre-installed cooling pipes

Best-1-LG-235



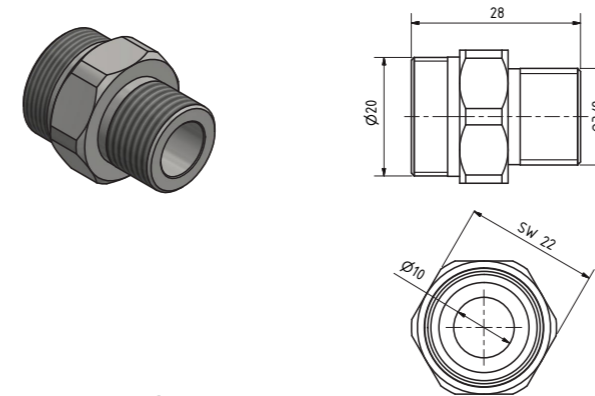
Pre-installed cooling pipes

When ordering, please specify the desired  
Specify adapter and nozzle size.

## Best-2

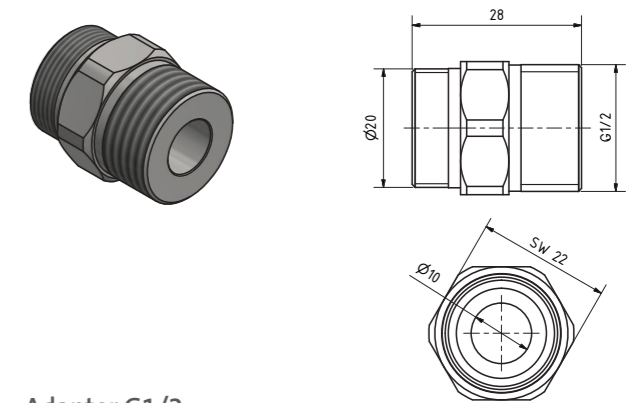
### Connections

Best-2-AD-110



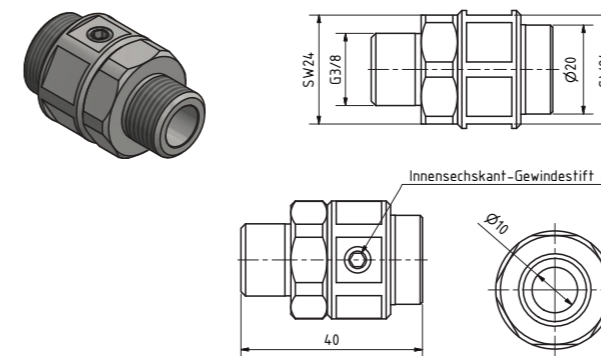
Adapter G3/8

Best-2-AD-120



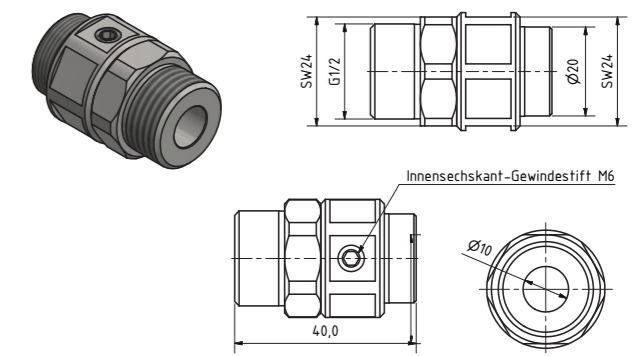
Adapter G1/2

Best-2-AD-150



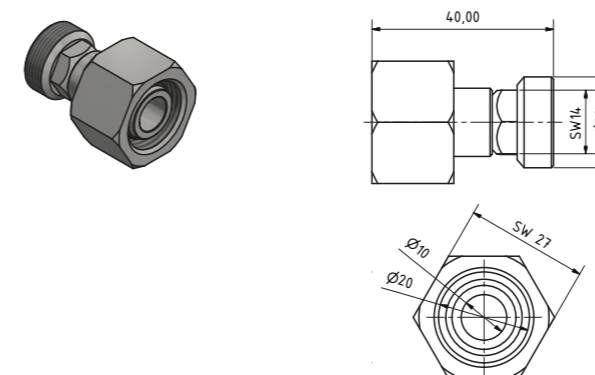
Rapid adapter G3/8

Best-2-AD-160



Rapid adapter G1/2

Best-2-HYD-XX



Hydraulic connection 40mm

Executions:

xx (Length)

10 = 40 mm

30 = 70 mm

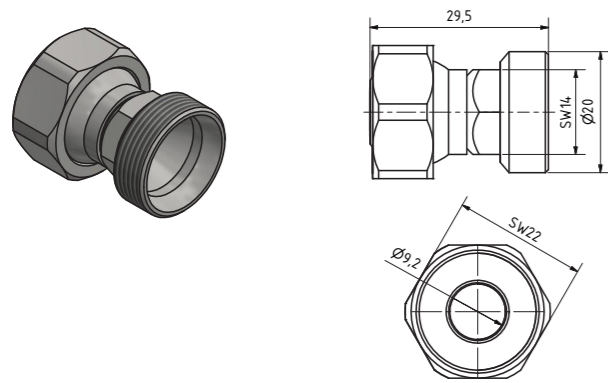
60 = 100 mm

100 = 140 mm



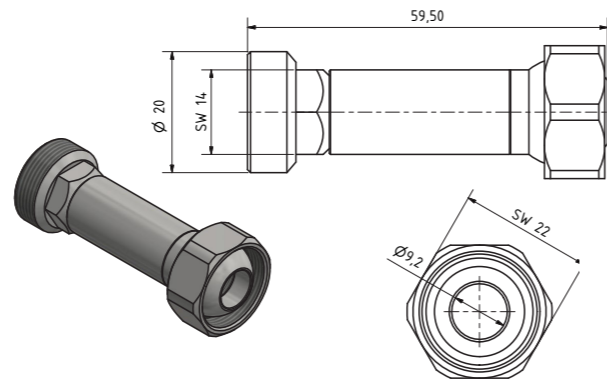
**Best-2**  
Basic pieces

Best-2-BS-100



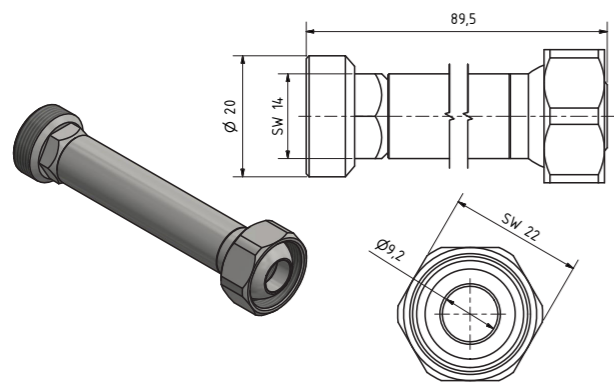
Basic piece 29,50mm

Best-2-BS-130



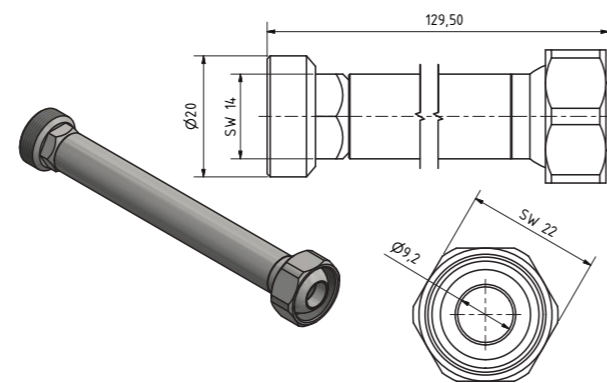
Basic piece 59,50mm

Best-2-BS-120



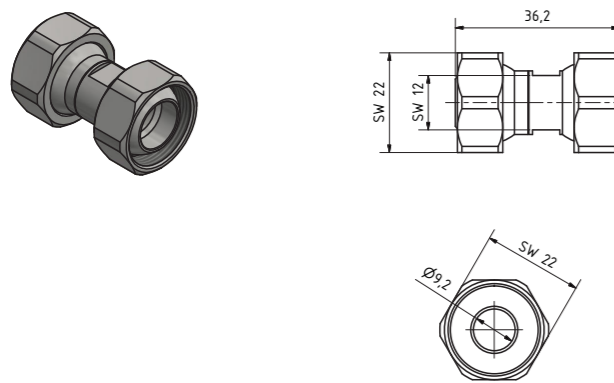
Basic piece 89,50mm

Best-2-BS-110



Basic piece 129,50mm

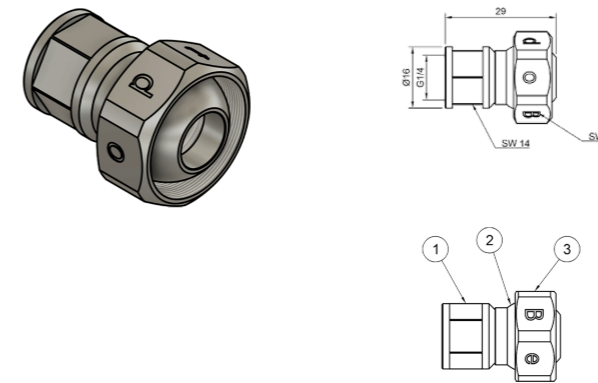
Best-2-AD-140



Double ball-joint

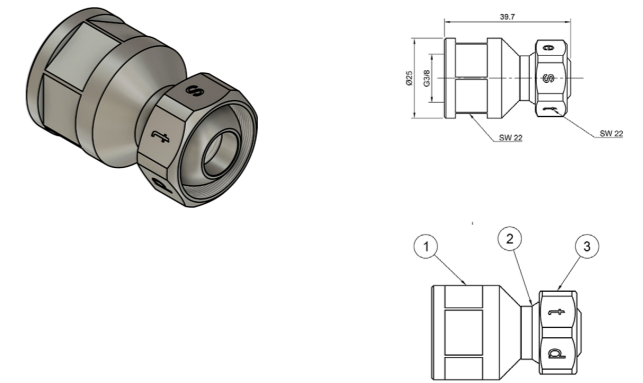
**Best-2**  
Basic pieces

Best-2-BS-100-1/4-IG



Basic piece 29mm

Best-2-BS-100-3/8-IG



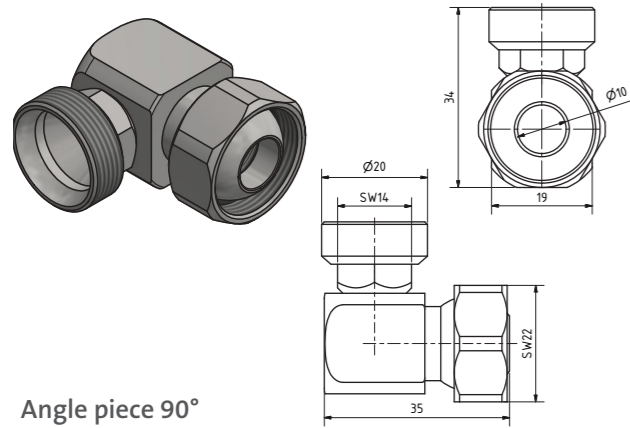
Basic piece 39,7mm

For attaching nozzles from external suppliers.

**Best-2**

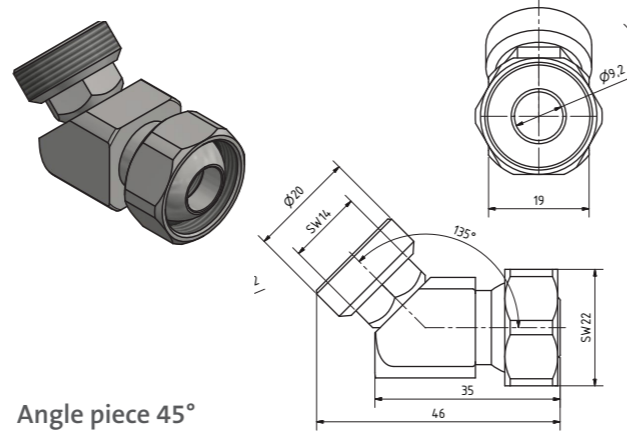
Angle pieces / Reductions on Best-1

Best-2-WS-100



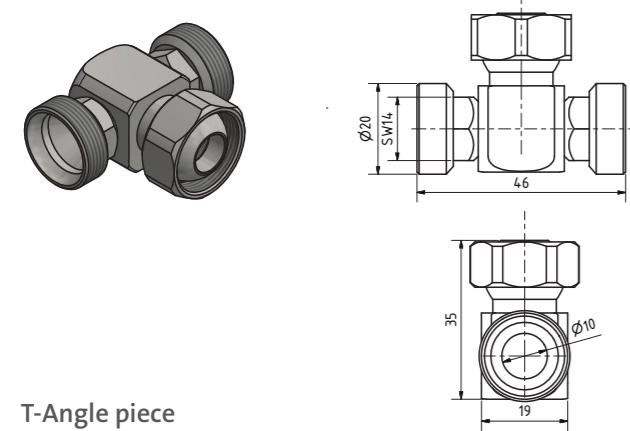
Angle piece 90°

Best-2-WS-600



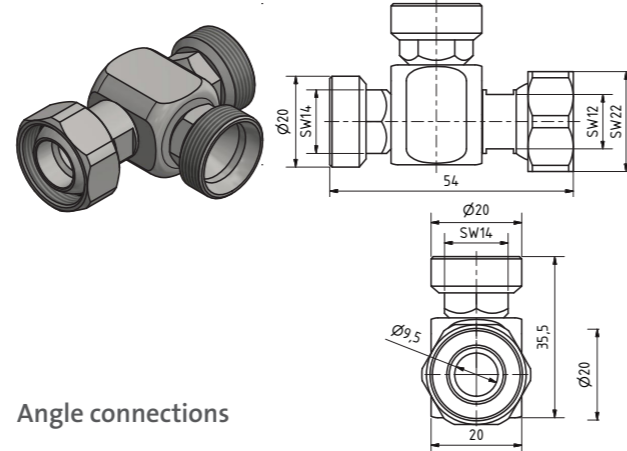
Angle piece 45°

Best-2-WS-200



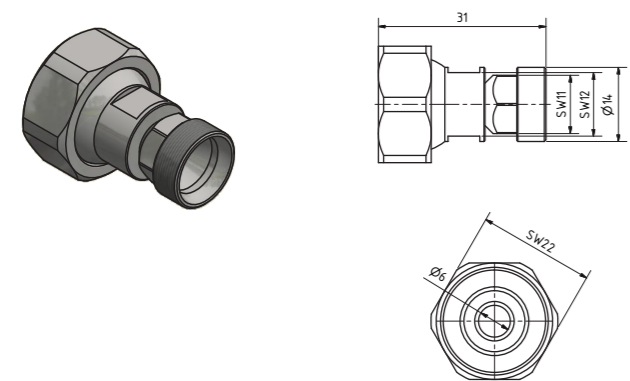
T-Angle piece

Best-2-WS-700



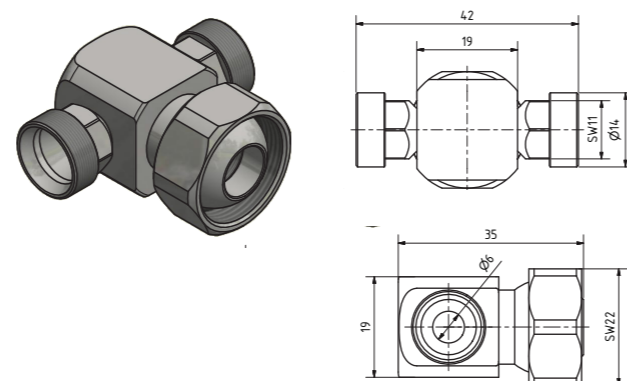
Angle connections

Best-2-RED-100



Reduction Best-2 auf Best-1

Best-2-WS-500

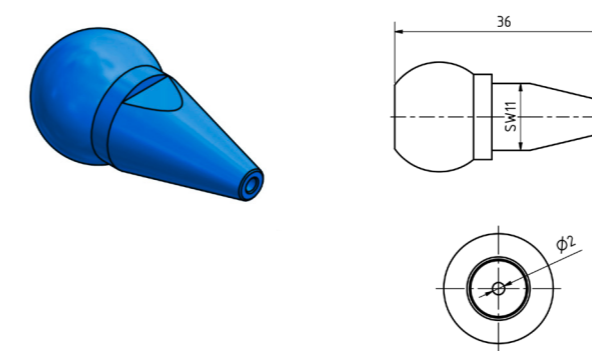


T-Angle reduction to 2 x Best-1

**Best-2**

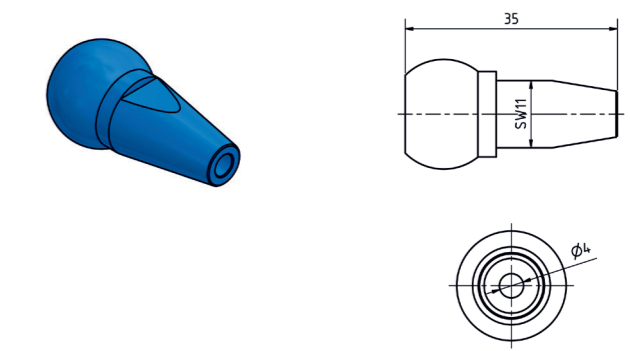
Nozzles

Best-2-DUE-100



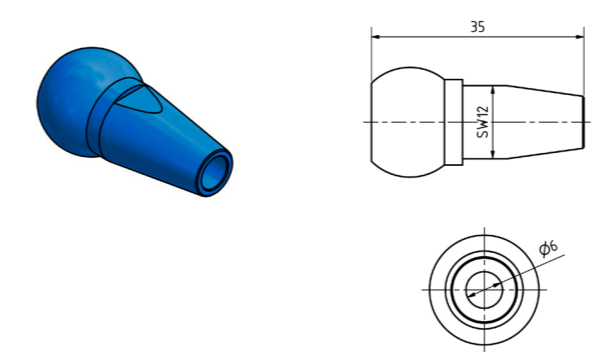
Nozzle  $\phi$  2,0  
Aluminium-coloured

Best-2-DUE-110



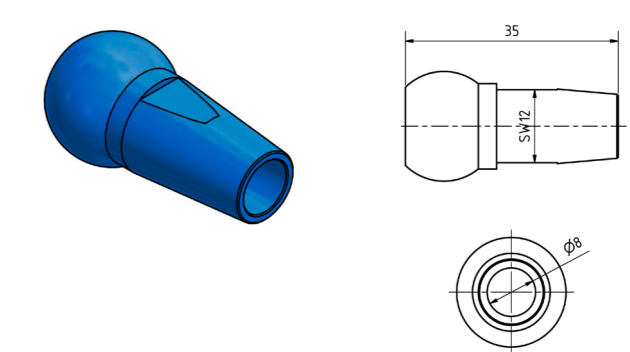
Nozzle  $\phi$  4,0  
Aluminium-coloured

Best-2-DUE-140



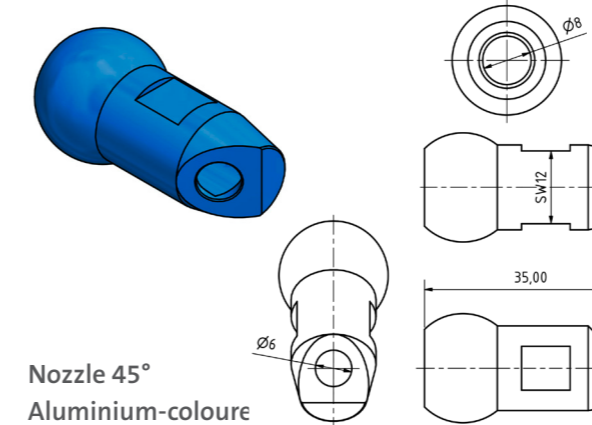
Nozzle  $\phi$  6,0  
Aluminium-coloured

Best-2-DUE-120



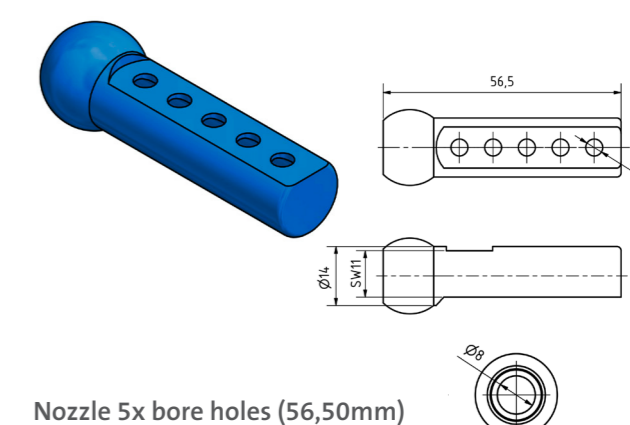
Nozzle  $\phi$  8,0  
Aluminium-coloured

Best-2-DUE-150



Nozzle 45°  
Aluminium-coloured

Best-2-DUE-130

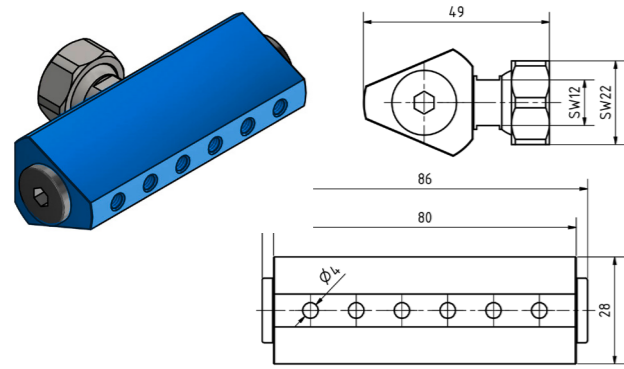


Nozzle 5x bore holes (56,50mm)



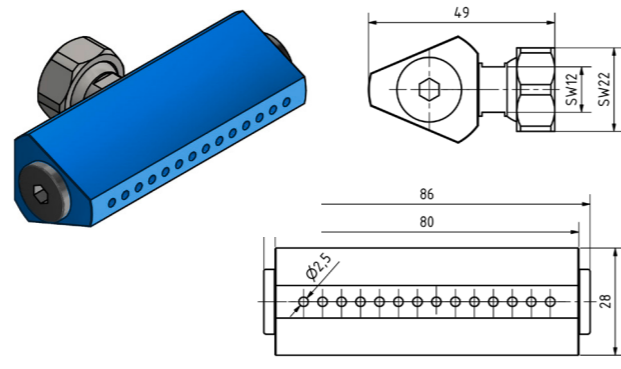
**Best-2**  
Nozzles

Best-2-AK-100



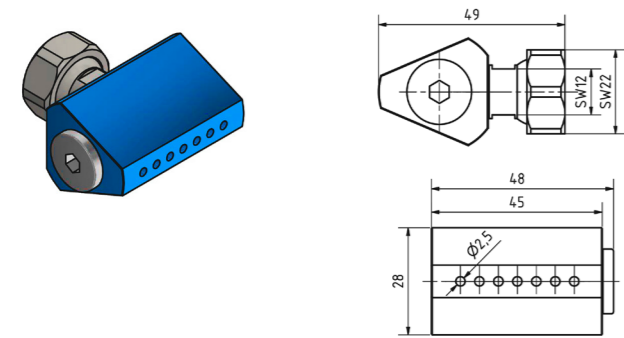
All-rounder with 6x bore holes  $\varnothing$  4.0mm

Best-2-AK-200



All-rounder with 14x bore holes  $\varnothing$  2.50mm

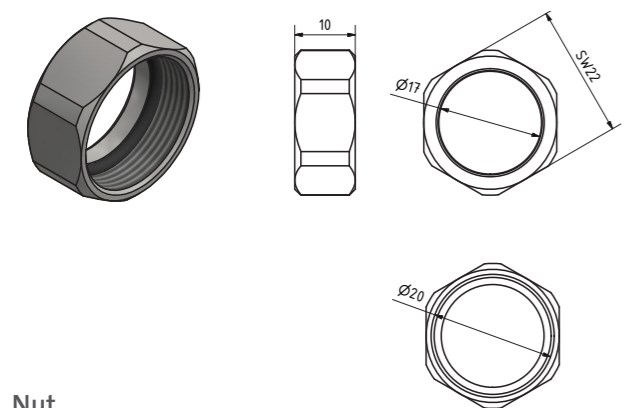
Best-2-AK-300



All-rounder with 7x bore holes  $\varnothing$  2.50mm

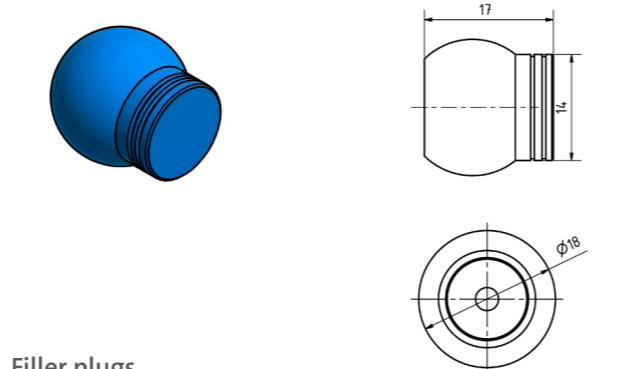
All All-rounder inc. nut

Best-2-BS-103



Nut

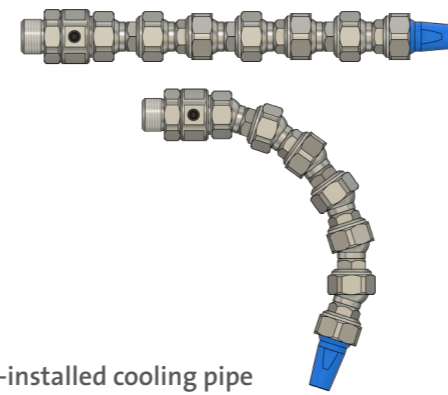
Best-2-BL-100



Filler plugs  
Aluminium-coloured

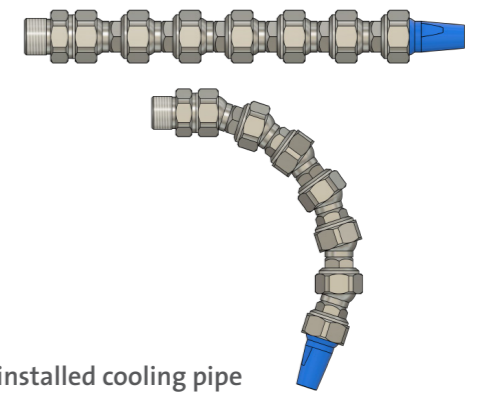
**Best-2**  
Pre-installed cooling pipes

Best-2-LG-190-SA



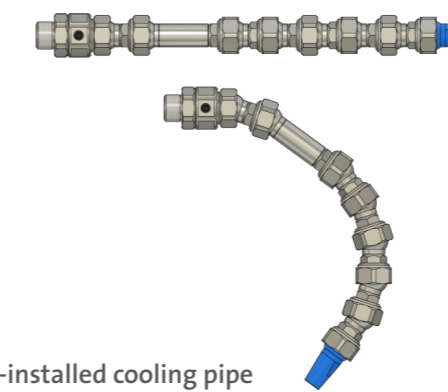
Pre-installed cooling pipe

Best-2-LG-190



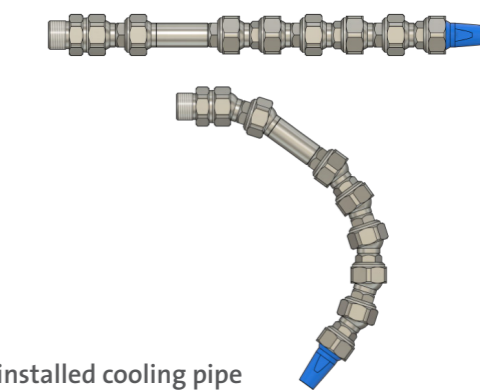
Pre-installed cooling pipe

Best-2-LG-245-SA



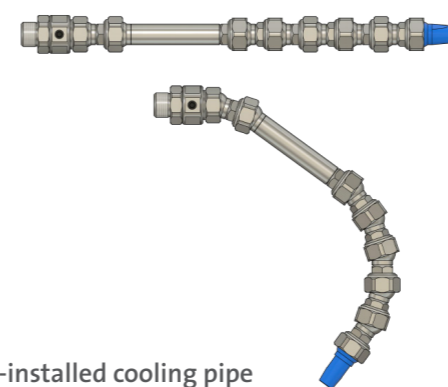
Pre-installed cooling pipe

Best-2-LG-245



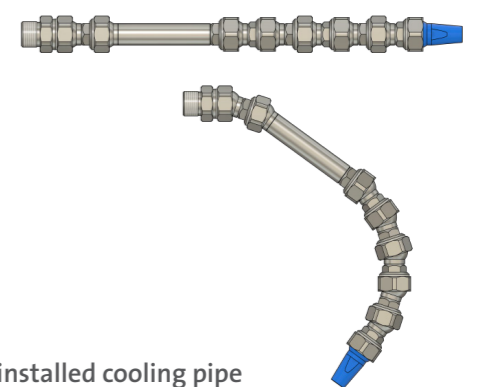
Pre-installed cooling pipe

Best-2-LG-275-SA



Pre-installed cooling pipe

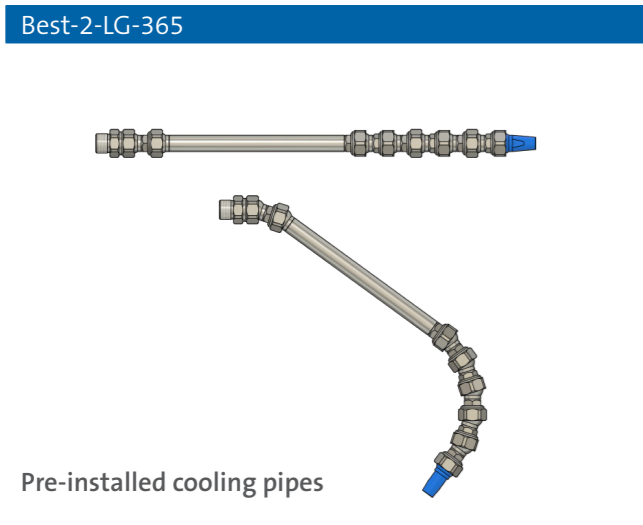
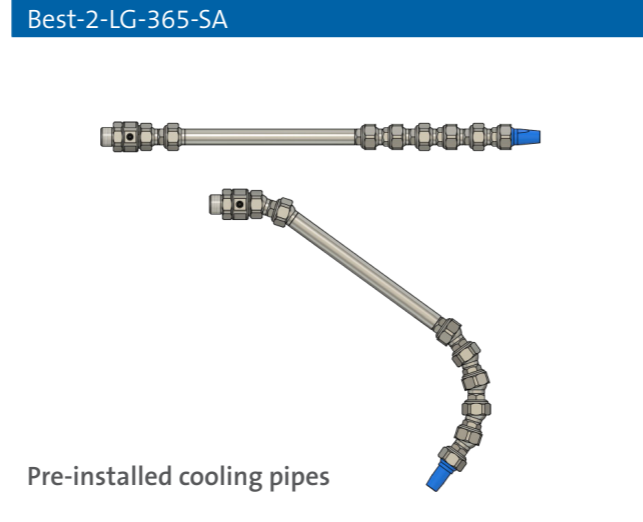
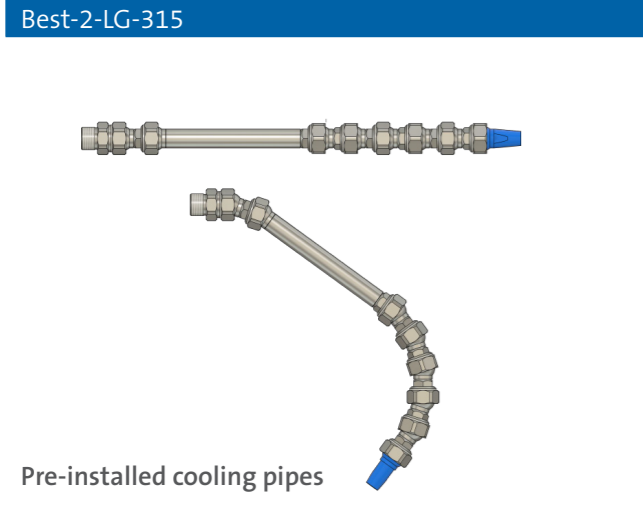
Best-2-LG-275



Pre-installed cooling pipe

**Best-2**

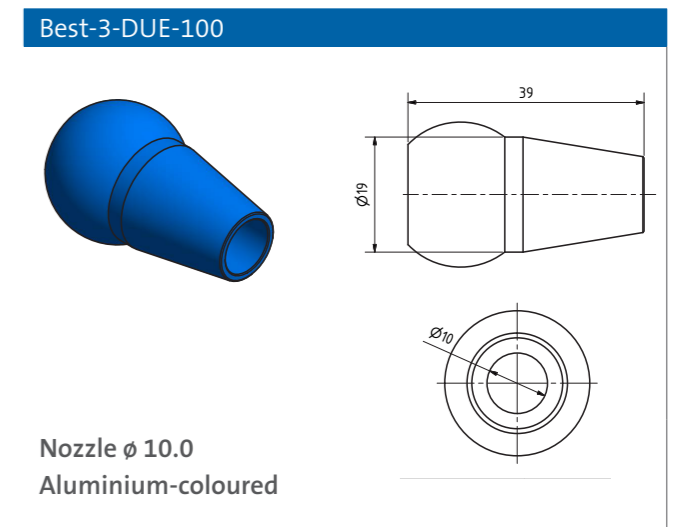
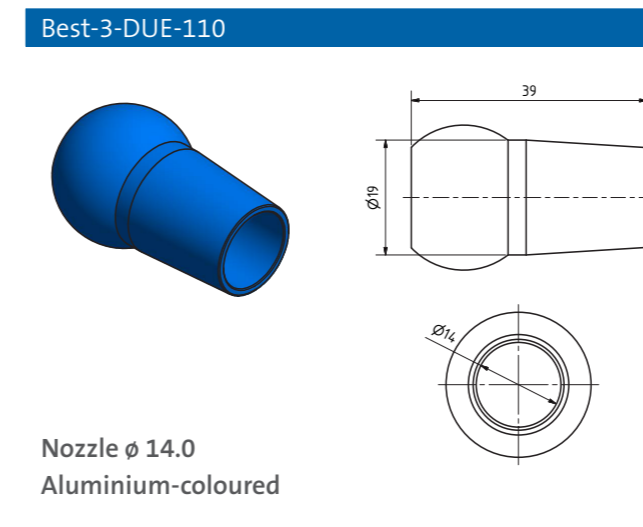
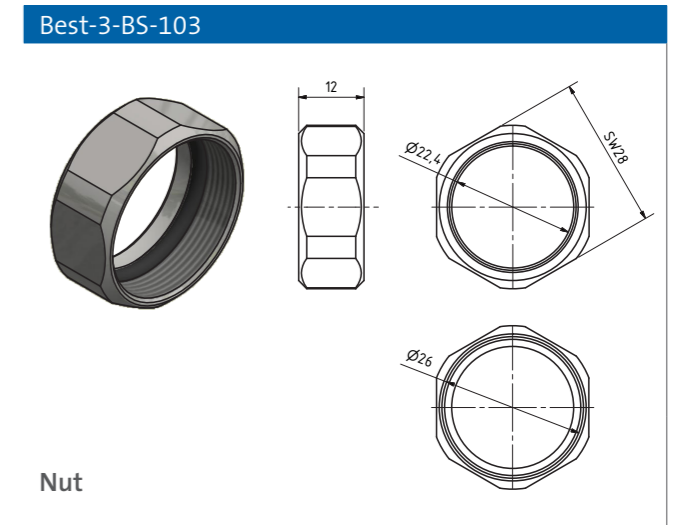
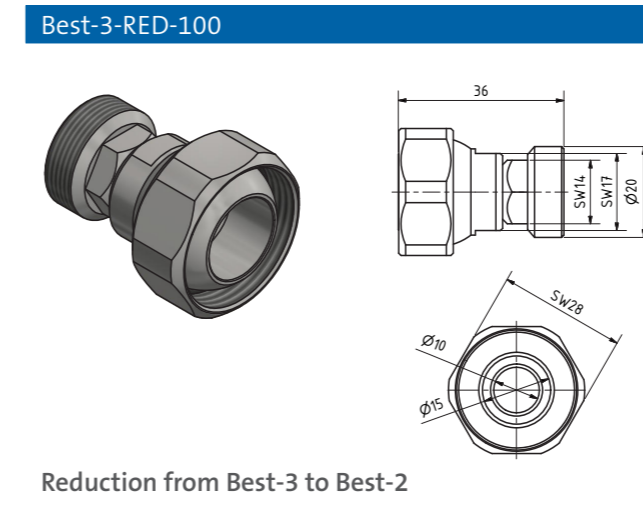
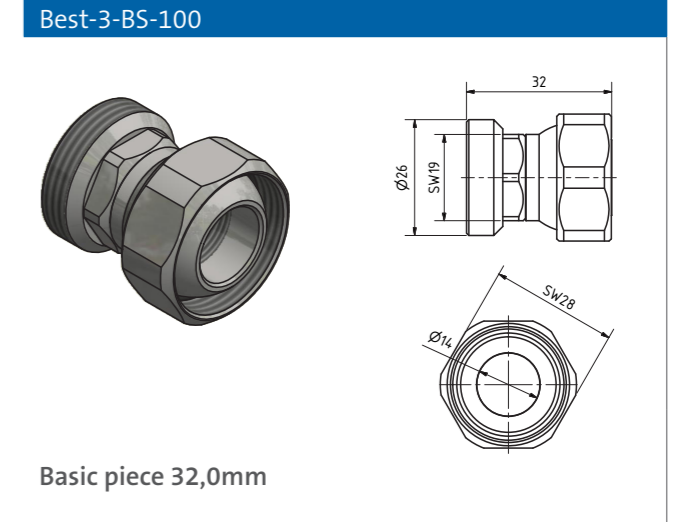
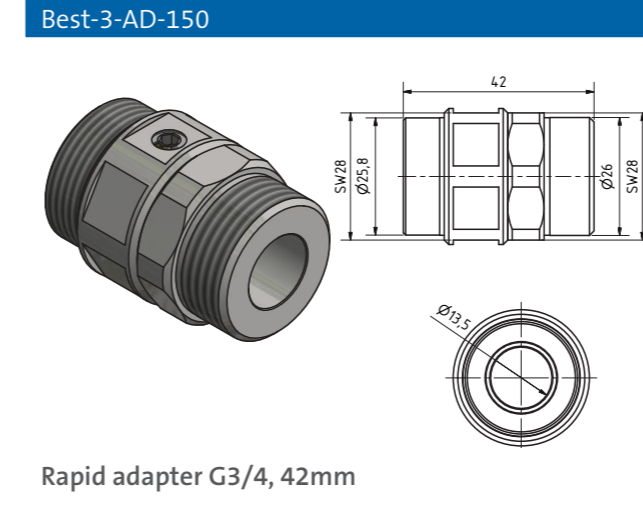
Pre-installed cooling pipes



When ordering, please specify the one you want Specify adapter and nozzle size.

**Best-3**

Connections / Basic pieces / Reductions to Best-2 / Nozzles

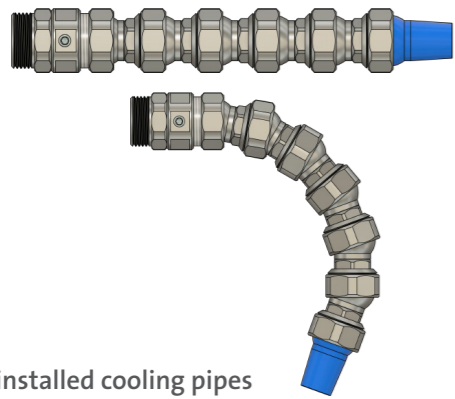




**Best-3**

Pre-installed cooling pipes

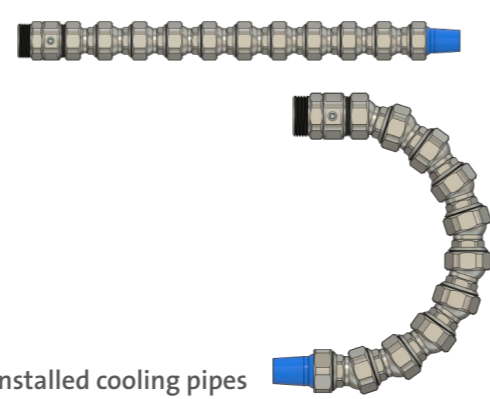
Best-3-LG-205



Pre-installed cooling pipes

When ordering, please specify the one you want Specify nozzle size.






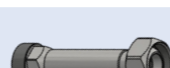

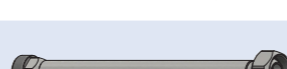




Best-3-LG-335



Pre-installed cooling pipes



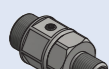



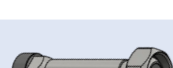
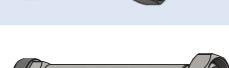







**Bestdo Sets**

Best-1 / Set 1

Best-1 SET 1	Item number	Description	Quantity
	Best-1-AD-100	Adapter G1/4	2
	Best-1-AD-110	Adapter G1/8	2
	Best-1-AD-130	Adapter M8x1	2
	Best-1-AD-200	Adapter M10x1	2
	Best-1-BS-100	Basic piece 25 mm	10
	Best-1-BS-130	Basic piece 55 mm	2
	Best-1-BS-120	Basic piece 85 mm	1
	Best-1-BS-110	Basic piece 125 mm	1
	Best-1-WS-100	Angle piece 90°	1
	Best-1-DUE-130	Nozzle Ø4	2
	Best-1-DUE-140	Nozzle Ø6	2
	Best-1-BS-103	Nut	4

## Bestdo Sets

### Best-1 / Set 2

Best-1 SET 2	Item number	Description	Quantity
	Best-1-AD-100	Adapter G1/4	5
	Best-1-AD-110	Adapter G1/8	5
	Best-1-AD-150	Rapid adapter G1/4	2
	Best-1-AD-160	Rapid adapter G1/8	2
	Best-1-AD-130	Adapter M8x1	2
	Best-1-AD-200	Adapter M10x1	2
	Best-1-BS-100	Basic piece 25 mm	25
	Best-1-BS-130	Basic piece 55 mm	2
	Best-1-BS-120	Basic piece 85 mm	2
	Best-1-BS-110	Basic piece 125 mm	2
	Best-1-WS-100	Angle piece 90°	2
	Best-1-WS-600	Angle piece 45°	2
	Best-1-DUE-130	Nozzle Ø4	5
	Best-1-DUE-140	Nozzle Ø6	5
	Best-1-DUE-170	Nozzle 45°	2
	Best-1-BS-103	Nut	12

## Bestdo Sets

### Best-2 / Set 1

Best-2 SET 1	Item number	Description	Quantity
	Best-2-AD-110	Adapter G3/8	2
	Best-2-AD-120	Adapter G1/2	2
	Best-2-BS-100	Basic piece 29.50mm	10
	Best-2-BS-130	Basic piece 59.50mm	1
	Best-2-BS-120	Basic piece 89.50mm	1
	Best-2-BS-110	Basic piece 129.50mm	1
	Best-2-WS-100	Angle piece 90°	1
	Best-2-DUE-110	Nozzle Ø4	2
	Best-2-DUE-140	Nozzle Ø6	2
	Best-1-BS-103	Nut	4



## Bestdo Sets

### Best-2 / Set 2

Best-2 SET 2	Item number	Description	Quantity
	Best-2-AD-110	Adapter G3/8	5
	Best-2-AD-120	Adapter G1/2	5
	Best-2-AD-150	Rapid adapter G3/8	2
	Best-2-AD-160	Rapid adapter G1/2	2
	Best-2-BS-100	Basic piece 29.50 mm	25
	Best-2-BS-130	Basic piece 59.50 mm	2
	Best-2-BS-120	Basic piece 89.50 mm	2
	Best-2-BS-110	Basic piece 129.50 mm	2
	Best-2-BS-140	Basic piece 179.50	1
	Best-2-WS-100	Angle piece 90°	2
	Best-2-WS-600	Angle piece 45°	2
	Best-2-DUE-110	Nozzle Ø4	5
	Best-2-DUE-140	Nozzle Ø6	5
	Best-1-BS-103	Nut	10

## Special nozzles

### Pointed nozzles

#### Energy saving nozzle 1200SSF, adjustable



1200 1/8 | 1200 1/4

#### Power nozzle 1210



1220-1

#### Point nozzle on copper pipe AD 1/4 "



1201 & 1205-2

#### Point nozzle on copper pipe AD 3/8 "



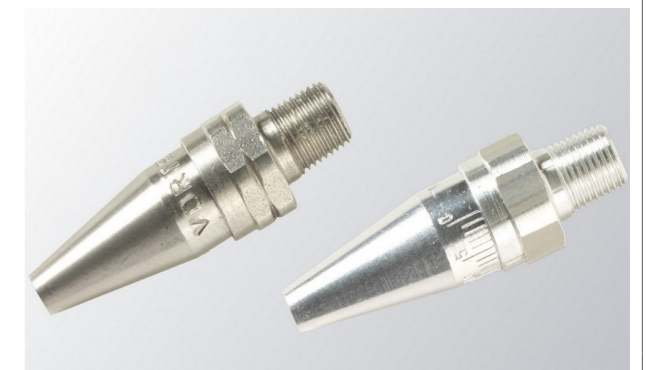
1203 | 1205

#### Mega nozzle 1220



1220

#### Energy saving nozzle with scale, adjustable



1200SSBSP | 1200BSP

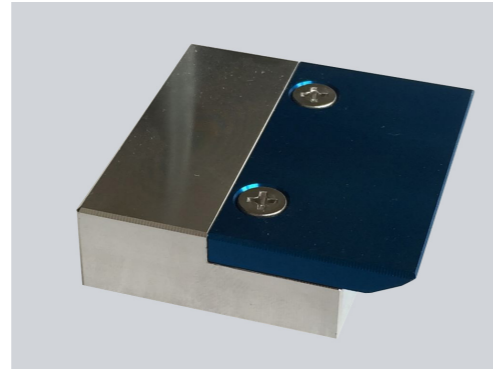
**Special nozzles**  
Flat nozzle

45° flat nozzle 25mm



921-25S | 921-25SNi

45° flat nozzle 50mm | 45° flat nozzle 90 mm



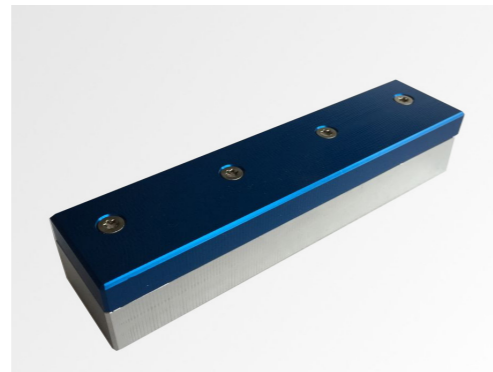
921-50S | 921-50SNi

45° flat nozzle 90 mm



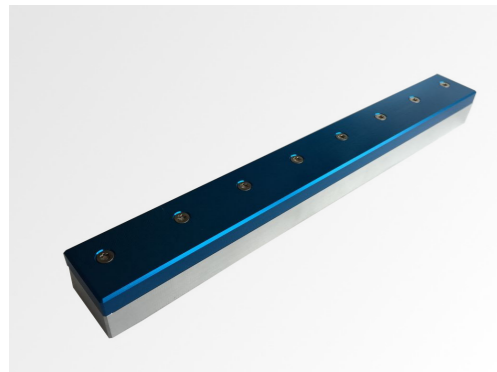
921-90S | 921-90SNi

Flat nozzle 150mm



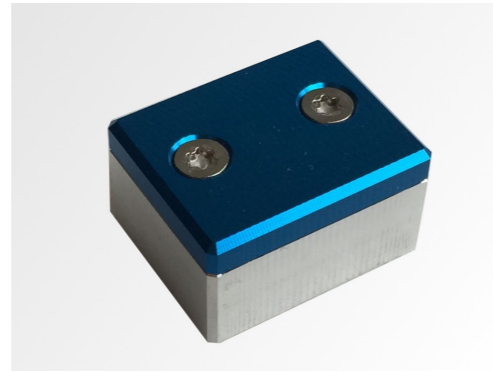
921-6F | 921-6FNI | 921-6F SS

Flat nozzle 300mm



921-12F | 921-12FNI | 921-12F SS

Flat nozzle 35mm



921-1 | 921-1NI | 921-1SS

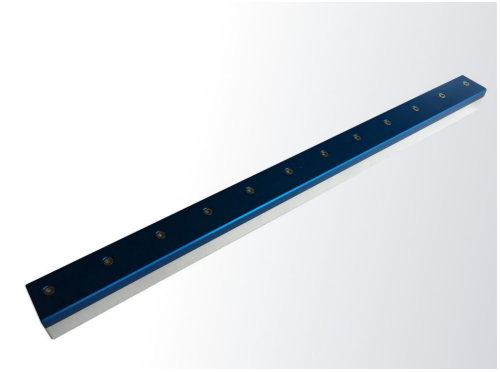
**Special nozzles**  
Flat nozzle

Flat nozzle 60mm



921-2 | 921-2Ni | 921-2 SS

Flat nozzle 500mm



921-20F | 921-20FNI | 921-20F SS

Curtain transvectors 160, 310, 462, 615mm length



Stainless steel, 921SS | 922SS | 924SS | 923SS

Curtain transvectors 76, 152, 305, 457, 610mm length



Aluminum, 921-03 BSP | 921-06 BSP | 921-12 BSP | 921-18 BSP | 921-24 BSP





**MADE  
IN  
GERMANY**

**BESTDO GmbH**  
Im Burkhardtsfeld 21  
75335 Dobel  
Germany

T +49(0)7083 500677 0  
F +49(0)7083 92489 13  
kontakt@bestdo.de  
www.bestdo.de