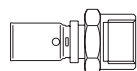
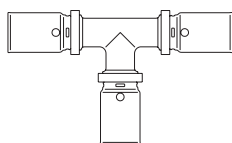


**11.a "Copipe", "Copex" and "Copert" pipes**

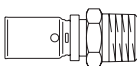
<b>Content</b>	11.05
"Copipe HSC" Composition pipe	11.06
"Copipe HS" Composition pipe	11.08
"Copex" PE-Xc Plastic pipe	11.10
"Copert" PE-RT Plastic pipe	11.10



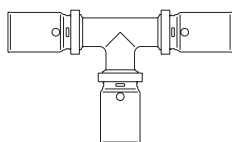
**11.b "Cofit P" Press connection system (bronze)**



<b>Content</b>	11.11
"Cofit P" Press fittings	11.12
"Cofit P" Press elbows	11.14
"Cofit P" Press T-pieces	11.15
"Cofit P" Press fittings	11.17
"Cofit P" Wall mounted connection pieces with press connection	11.19



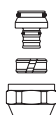
**11.c "Cofit PD" Press connection system (bronze, pressing must be carried out to tighten the connection)**



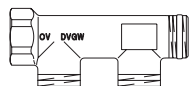
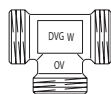
<b>Content</b>	11.21
"Cofit PD" Press fittings	11.22
"Cofit PD" Press elbows	11.23
"Cofit PD" Press T-pieces	11.24
"Cofit PD" Press fittings	11.25
"Cofit PD" Wall mounted connection pieces with press connection	11.26

**11.d "Cofit PDK" Press connection system (plastic, pressing must be carried out to tighten the connection)**

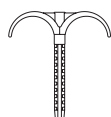
<b>Content</b>	11.29
"Cofit PDK" Press fittings	11.30



**11.e "Cofit S" Screwed connection system**

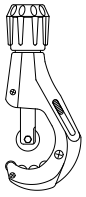


<b>Content</b>	11.31
"Cofit S" Compression fittings	11.32
"Cofit S" Compression fittings, female thread	11.32
"Cofit S" Nipples	11.32
"Cofit S" Connection pieces	11.32
"Cofit S" Screwed fittings	11.33
"Cofit S" Wall mounted connection pieces	11.35
"Cofit S" Brackets with wall mounted connection pieces	11.35
"Multidis R" Sanitary distributor	11.36
Accessories	11.36
"Multidis R" Sanitary distributor with isolating facility	11.36
Accessories	11.36



**11.f Fixing material and accessories for pipes**

<b>Content</b>	11.37
Fixing material	11.38
Accessories	11.38

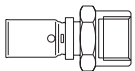


**11.g Tools**

<b>Content</b>	11.39
Tools	11.40
Press tools	11.43
Accessories	11.44

**11.h "Copex HT" PE-Xc Plastic pipe**

<b>Content</b>	11.45
"Copex HT" PE-Xc Plastic pipe	11.46



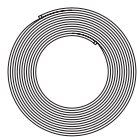
**11.i "Cofit PD-HT" Press connection system**

<b>Content</b>	11.47
"Cofit PD-HT" Press fittings made of bronze	11.48
"Cofit PD-HT" Press fittings made of bronze	11.49
"Cofit PDK-HT" Press fittings made of plastic (PPSU)	11.50
Tools	11.51

Pipe summary		Application		Approval	Fitting summary					
		Surface heating and cooling systems	Central heating systems		"Cofit P" Bronze	"Cofit PD" Bronze	"Cofit PDK" Plastic	"Cofit S" Brass + bronze	"Cofit PD-HT" Brass + bronze	"Cofit PDK-HT" Plastic
<b>"Copex"</b> PE-Xc plastic pipes with oxygen barrier	14 x 2 mm	X			X only double nipple			X		
	16 x 2 mm	X			X	X	X	X		
	17 x 2 mm	X			X only double nipple			X		
	20 x 2 mm	X			X only double nipple			X		
	20 x 2.5 mm	X	X		X	X	X	X		
	26 x 3 mm	X			X	X		X		
<b>"Copert"</b> PE-RT plastic pipes with oxygen barrier	12 x 2 mm	X								
	14 x 2 mm	X			X only double nipple			X		
	16 x 2 mm	X			X	X	X	X		
	17 x 2 mm	X			X only double nipple			X		
<b>"Copipe HSC"</b> PE-RT/AL/PE-RT composition pipes H: Heating systems S: Sanitary installations C: Cooling systems	14 x 2 mm	X	X	DVGW				X		
	16 x 2 mm	X	X	DVGW	X	X	X	X		
	20 x 2.5 mm	X	X	DVGW	X	X	X	X		
	26 x 3.0 mm	X	X	DVGW	X	X		X		
	32 x 3.0 mm	X	X	DVGW	X			X		
	40 x 3.5 mm	X	X	DVGW	X					
<b>"Copipe HS"</b> PE-Xc/AL/PE-RT composition pipes H: Heating systems S: Sanitary installations	14 x 2.0 mm	X	X	DVGW				X		
	16 x 2.0 mm	X	X	DVGW	X	X	X	X		
	18 x 2.0 mm	X	X	DVGW				X		
	20 x 2.5 mm	X	X	DVGW	X	X	X	X		
	26 x 3.0 mm	X	X	DVGW	X	X	X	X		
	32 x 3.0 mm	X	X	DVGW	X			X		
	40 x 3.5 mm	X	X	DVGW	X					
	50 x 4.5 mm	X	X	DVGW	X					
63 x 6.0 mm	X	X	DVGW	X						
<b>"Copex HT"</b> PE-Xc plastic pipes with oxygen barrier T: thick walled	16 x 2.2 mm	X							X	X
	20 x 2.8 mm	X							X	X
	25 x 3.5 mm	X							X	
	32 x 4.4 mm	X							X	

**Fittings: Additional letters:** P: Press connection  
 PD: Press connection / Drop (designed not to seal in an uncompressed condition)  
 PDK: Press connection / Drop (designed not to seal in an uncompressed condition) / Plastic  
 HT: High temperature  
 S: Screwed connection

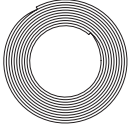
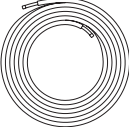
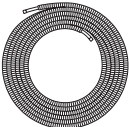






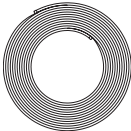
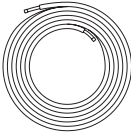
**11.a "Copipe", "Copex" and "Copert" pipes**

**Content**

"Copipe HSC" Composition pipe	11.06
"Copipe HS" Composition pipe	11.08
"Copex" PE-Xc Plastic pipe	11.10
"Copert" PE-RT Plastic pipe	11.10


Article	Packing unit	Article-No.	Hint		
<b>"Copipe HSC" Composition pipe</b>					
PE-RT/AL/PE-RT white					
for press connection systems "Cofit P/PD/PDK" and screwed connection system "Cofit S"					
rolls					
	Dimension 14 x 2 mm		<p>Application:</p> <p><b>Central heating systems with circulation pump, surface heating and cooling systems as well as sanitary installations.</b></p> <p>DVGW tested (dimension 14 x 2.0 mm). DVGW approved (dimension 16 x 2.0 mm and above). DVGW reg.-no. DW-8501AT2407.</p> <p>Max. operating pressure <math>p_s</math>: 6 bar at 90 °C <math>p_s</math>: 10 bar at 70 °C</p> <p>Diffusion tight three-layered composition pipe - inner layer made of PE-RT - aluminium pipe welded end to end - outer coating made of PE-RT bonded by adhesive layers.</p> <p>Pipework has to be insulated according to the valid laws, decrees, standards and guidelines.</p> <p>Suitable insulation material to be obtained from specialist stores.</p> <p>Pipe with 4 mm insulation layer for the installation of cold water pipes according to DIN 1988.</p> <p>Pipe with 6 mm insulation layer for the installation of cold water pipes according to DIN 1988.</p> <p>Pipe with 9 mm insulation layer for insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.</p> <p>The black corrugated pipe made of polyethylene offers an additional protection against damage and UV rays.</p>		
	length per roll 50 m	(50)		<b>1541054</b>	
	length per roll 100 m	(100)		<b>1540154</b>	
length per roll 200 m	(200)	<b>1540254</b>			
Dimension 16 x 2 mm					
length per roll 50 m	(50)	<b>1541055</b>			
length per roll 100 m	(100)	<b>1540155</b>			
length per roll 200 m	(200)	<b>1540255</b>			
length per roll 500 m	(500)	<b>1540555</b>			
Dimension 20 x 2.5 mm					
length per roll 50 m	(50)	<b>1541060</b>			
length per roll 100 m	(100)	<b>1540160</b>			
length per roll 200 m	(200)	<b>1540260</b>			
Dimension 26 x 3.0 mm					
length per roll 50 m	(50)	<b>1541066</b>			
Dimension 32 x 3.0 mm					
length per roll 50 m	(50)	<b>1541072</b>			
<b>with 4 mm insulation</b>					
length per roll 50 m					
Dimension 16 x 2.0 mm		(50)	<b>1541155</b>		
Dimension 20 x 2.5 mm		(50)	<b>1541160</b>		
<b>with 6 mm insulation</b>					
length per roll 50 m					
Dimension 16 x 2.0 mm		(50)	<b>1541355</b>		
Dimension 20 x 2.5 mm		(50)	<b>1541360</b>		
	<b>with 9 mm insulation</b>		<p>Pipe with 9 mm insulation layer for insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.</p>		
	length per roll 50 m				
	Dimension 16 x 2.0 mm			(50)	<b>1541455</b>
Dimension 20 x 2.5 mm		(50)		<b>1541460</b>	
	in protective tube (corrugated pipe)			<p>The black corrugated pipe made of polyethylene offers an additional protection against damage and UV rays.</p>	
	length per roll 50 m				
	Dimension 14 x 2.0 mm				(50)
Dimension 16 x 2.0 mm		(50)			<b>1541255</b>
Dimension 20 x 2.5 mm		(50)			<b>1541260</b>

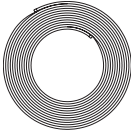
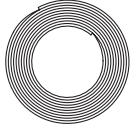
Article	Packing unit	Article-No.	Hint
			
<b>rods</b> length: 5 m			Fire protection: Tested fire protection systems of the Fire Resistance Regulations Class R90 for "Copipe HSC" composition pipes are available from specialist stores:
Dimension 16 x 2.0 mm 12 lengths	(5)	<b>1541555</b>	
Dimension 20 x 2.5 mm 10 lengths	(5)	<b>1541560</b>	
Dimension 26 x 3.0 mm 9 lengths	(5)	<b>1541566</b>	– Fire protection tape Curaflam of the company Doyma – Pipe coating Conlit 150 u and continuing insulation shell Rockwool 800
Dimension 32 x 3.0 mm 6 lengths	(5)	<b>1541572</b>	
Dimension 40 x 3.5 mm 4 lengths	(5)	<b>1541584</b>	Awards:  Pragothem, Prague

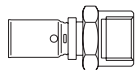
Article	Packing unit	Article-No.	Hint
<p><b>"Copipe HS" Composition pipe</b> PE-Xc/AL/PE-Xb white</p> <p>for press connection systems "Cofit P/PD/PDK" and screwed connection system "Cofit S"</p> <p>rolls</p>			
	Dimension 14 x 2.0 mm		<p>Application: <b>Central heating systems with circulation pump, surface heating and cooling systems as well as sanitary installations.</b> Max. operating pressure <math>p_g</math>: 10 bar at 95 °C 16 bar (PN 16) for cold water</p> <p>DVGW reg. no. DW-8501AT2407</p> <p>Diffusion tight three-layered composition pipe – inner layer made of crosslinked polyethylene – aluminium pipe welded end to end – outer layer made of crosslinked polyethylene bonded by special layers.</p> <p>When used in combination with the press fittings "Cofit P", the composition pipe "Copipe HS", dimension 16-63, is licensed according to German Lloyd for shipbuilding.</p> <p>Pipework must be insulated according to the valid laws, decrees, standards and regulations.</p> <p>Suitable insulation material available from specialist stores.</p>
	length per roll 50 m	(50) <b>1501054</b>	
	length per roll 100 m	(100) <b>1500154</b>	
	length per roll 200 m	(200) <b>1500254</b>	
	Dimension 16 x 2.0 mm		
	length per roll 50 m	(50) <b>1501055</b>	
	length per roll 100 m	(100) <b>1500155</b>	
	length per roll 200 m	(200) <b>1500255</b>	
	length per roll 500 m	(500) <b>1500555</b>	
	Dimension 18 x 2.0 mm		
length per roll 100 m	(100) <b>1500158</b>		
Dimension 20 x 2.5 mm			
length per roll 100 m	(100) <b>1500160</b>		
length per roll 50 m	(50) <b>1501060</b>		
Dimension 26 x 3.0 mm			
length per roll 50 m	(50) <b>1501066</b>		
Dimension 32 x 3.0 mm			
length per roll 50 m	(50) <b>1501072</b>		
<b>with 4 mm insulation</b> length per roll 50 m			<p>Pipe with 4 mm insulation layer for the installation of cold water pipes according to DIN 1988.</p>
Dimension 16 x 2.0 mm	(50) <b>1501155</b>		
Dimension 20 x 2.5 mm	(50) <b>1501160</b>		
<b>with 6 mm insulation</b> length per roll 50 m			<p>Pipe with 6 mm insulation layer for the installation of cold water pipes according to DIN 1988.</p>
Dimension 16 x 2.0 mm	(50) <b>1501355</b>		
Dimension 20 x 2.5 mm	(50) <b>1501360</b>		
	<b>with 9 mm insulation</b> length per roll 50 m		<p>Pipe with 9 mm insulation layer for insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.</p>
	Dimension 16 x 2.0 mm	(50) <b>1501455</b>	
	Dimension 20 x 2.5 mm	(50) <b>1501460</b>	
	in protective tube (corrugated pipe) length per roll 50 m		
Dimension 14 x 2.0 mm	(50) <b>1501254</b>		<p>The black corrugated pipe made of polyethylene offers an additional protection against damage and UV rays.</p>
Dimension 16 x 2.0 mm	(50) <b>1501255</b>		
Dimension 20 x 2.5 mm	(50) <b>1501260</b>		





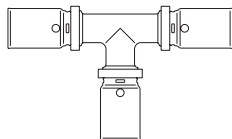
Article	Packing unit	Article-No.	Hint
<b>rods</b>			
length: 5 m			
Dimension 16 x 2.0 mm 20 lengths	(5)	<b>1501555</b>	Fire protection: Tested fire protection systems of the Fire Resistance Regulations Class R90 for "Copipe HS" composition pipes are available from specialist stores:  - Fire protection tape Curaflam of the company Doyma - Pipe coating Conlit 150 and continuing insulation shell Rockwool 800  Awards:  Pragothem, Prague
dimension 20 x 2.5 mm 13 lengths	(5)	<b>1501560</b>	
Dimension 26 x 3.0 mm 7 lengths	(5)	<b>1501566</b>	
Dimension 32 x 3.0 mm 5 lengths	(5)	<b>1501572</b>	
Dimension 40 x 3.5 mm 9 lengths	(5)	<b>1501580</b>	
Dimension 50 x 4.5 mm 4 lengths	(5)	<b>1501582</b>	
Dimension 63 x 6.0 mm 3 lengths	(5)	<b>1501584</b>	

Article	Packing unit	Article-No.	Hint
<p><b>"Copex" PE-Xc Plastic pipe</b> with oxygen barrier</p> <p>for press connection systems "Cofit P/PD/PDK" and screwed connection system "Cofit S"</p> <p>rolls</p>			
	Dimension 14 x 2 mm		<p>Application: <b>Central heating systems, surface heating and cooling systems.</b></p> <p>Pipes according to DIN 16892 / DIN 16893 / DIN EN ISO 15 875 / EN 1264-4 (except for dimensions 26 and 32). Oxygen tight according to DIN 4726 (all dimensions).</p>
	length per roll 120 m	(120) <b>1400051</b>	
	length per roll 240 m	(240) <b>1400052</b>	
	length per roll 600 m	(600) <b>1400054</b>	<p>Max. operating pressure <math>p_s</math>:</p> <p>6 bar at 90 °C 10 bar at 60 °C</p>
	Dimension 16 x 2 mm		<p>Max. operating pressure <math>p_s</math>:</p> <p>6 bar at 90 °C 10 bar at 60 °C</p>
	length per roll 120 m	(120) <b>1400151</b>	
	length per roll 240 m	(240) <b>1400152</b>	
	length per roll 600 m	(600) <b>1400154</b>	
	Dimension 20 x 2.5 mm		<p>Max. operating pressure <math>p_s</math>:</p> <p>8 bar at 90 °C 10 bar at 60 °C 13 bar at 20 °C</p>
	length per roll 50 m	(50) <b>1400460</b>	
	length per roll 100 m	(100) <b>1400461</b>	
	Dimension 26 x 3 mm		<p>Max. operating pressure <math>p_s</math>:</p> <p>6 bar at 90 °C 10 bar at 60 °C</p>
	length per roll 50 m	(50) <b>1400560</b>	
	length per roll 200 m	(200) <b>1400562</b>	
	length per roll 300 m	(300) <b>1400563</b>	
	Dimension 32 x 3 mm		<p>Max. operating pressure <math>p_s</math>:</p> <p>6 bar at 90 °C 8 bar at 60 °C 10 bar at 20 °C</p>
	length per roll 50 m	(50) <b>1400660</b>	
<p><b>"Copert" PE-RT Plastic pipe</b> with oxygen barrier</p> <p>for press connection systems "Cofit P/PD/PDK" and screwed connection system "Cofit S"</p> <p>rolls</p>			
	Dimension 14 x 2 mm		<p>Application: <b>Surface heating and cooling systems.</b></p> <p>Pipes according to DIN 16833/DIN 16834. Oxygen tight according to DIN 4726.</p> <p>Max. operating pressure <math>p_s</math>: 6 bar at 70 °C</p>
	length per roll 240 m	(240) <b>1402052</b>	
	length per roll 600 m	(600) <b>1402054</b>	
	Dimension 16 x 2 mm		
	length per roll 240 m	(240) <b>1402152</b>	
	length per roll 600 m	(600) <b>1402154</b>	



**11.b "Cofit P" Press connection system (bronze)**

**Content**



"Cofit P" Press fittings	11.12
"Cofit P" Press elbows	11.14
"Cofit P" Press T-pieces	11.15
"Cofit P" Press fittings	11.17
"Cofit P" Wall mounted connection pieces with press connection	11.19

Article	Packing unit	Article-No.	Hint
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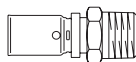
#### "Cofit P" Press fittings

bronze, dimension 40, 50 and 63 mm  
made of brass,  
stainless steel casing,  
for composition pipe "Copipe"

**Universal application for heating and cooling systems and sanitary installations.**

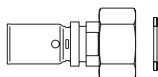
Approvals:  
DVGW for all dimensions.  
ATEC, CSTBat and ÖNORM up to dimension 40.

For valves and fittings with female thread.



#### Press connection with male thread unplated

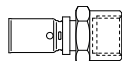
16	x 2.0 mm	x R 1/2	(10)	1512043
16	x 2.0 mm	x R 3/8	(10)	1512044
20	x 2.5 mm	x R 1/2	(10)	1512045
20	x 2.5 mm	x R 3/4	(10)	1512046
20	x 2.5 mm	x R 3/8	(10)	1512047
26	x 3.0 mm	x R 3/4	(5)	1512048
26	x 3.0 mm	x R 1	(5)	1512049
32	x 3.0 mm	x R 1	(5)	1512051
40	x 3.5 mm	x R 1 1/4	(5)	1512054
50	x 4.5 mm	x R 1 1/2		1512056
63	x 6.0 mm	x R 2		1512057



#### Press connection with collar nut unplated

16	x 2.0 mm	x G 3/8 c/nut	(10)	1512141
16	x 2.0 mm	x G 1/4 c/nut	(10)	1512143
20	x 2.5 mm	x G 1/2 c/nut	(10)	1512144
20	x 2.5 mm	x G 3/4 c/nut	(10)	1512145
26	x 3.0 mm	x G 3/4 c/nut	(5)	1512146
26	x 3.0 mm	x G 1 c/nut	(5)	1512147
32	x 3.0 mm	x G 1 c/nut	(5)	1512148
32	x 3.0 mm	x G 1 1/4 c/nut	(5)	1512149
40	x 3.5 mm	x G 1 1/2 c/nut	(5)	1512151
50	x 4.5 mm	x G 1 3/4 c/nut		1512156
63	x 6.0 mm	x G 2 3/8 c/nut		1512157

With flat seal.  
For instance for flat sealing Oventrop valves and fittings.

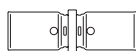


#### Press connection with female thread

16	x 2.0 mm	x Rp 1/2	(10)	1512243
20	x 2.5 mm	x Rp 1/2	(10)	1512245
20	x 2.5 mm	x Rp 3/4	(10)	1512246
26	x 3.0 mm	x Rp 3/4	(5)	1512247
26	x 3.0 mm	x Rp 1	(5)	1512248
32	x 3.0 mm	x Rp 1	(5)	1512249
40	x 3.5 mm	x Rp 1 1/4	(5)	1512252
50	x 4.5 mm	x Rp 1 1/2		1512256
63	x 6.0 mm	x Rp 2		1512257

For changing over to different pipe material and for valves and fittings with male threaded connection for sealing.

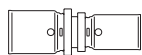
For further information see  
"Technical information":



#### Press coupling

16 x 2 mm	x 16 x 2 mm	(10)	1512543
20 x 2.5 mm	x 20 x 2.5 mm	(10)	1512545
26 x 3 mm	x 26 x 3 mm	(5)	1512546
32 x 3 mm	x 32 x 3 mm	(5)	1512547
40 x 3.5 mm	x 40 x 3.5 mm	(5)	1512548
50 x 4.5 mm	x 50 x 4.5 mm		1512549
63 x 6 mm	x 63 x 6 mm		1512550

Article	Packing unit	Article-No.	Hint
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**Press reducing coupling**

20	x 16 mm	(10)	<b>1512655</b>
26	x 16 mm	(5)	<b>1512656</b>
26	x 20 mm	(5)	<b>1512657</b>
32	x 20 mm	(5)	<b>1512659</b>
32	x 26 mm	(5)	<b>1512660</b>
40	x 20 mm	(5)	<b>1512662</b>
40	x 26 mm	(5)	<b>1512663</b>
40	x 32 mm	(5)	<b>1512664</b>
50	x 40 mm		<b>1512665</b>
50	x 32 mm		<b>1512666</b>
63	x 40 mm		<b>1512668</b>
63	x 50 mm		<b>1512669</b>



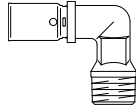
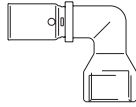
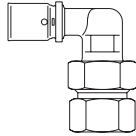
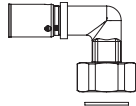
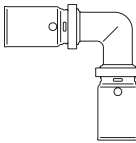
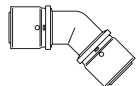
**Press connection coupling**

16	x 2.0 mm	x 10 mm	(10)	<b>1514041</b>
16	x 2.0 mm	x 12 mm	(10)	<b>1514042</b>
16	x 2.0 mm	x 14 mm	(10)	<b>1514040</b>
16	x 2.0 mm	x 15 mm	(10)	<b>1514043</b>
16	x 2.0 mm	x 16 mm	(10)	<b>1514044</b>
20	x 2.5 mm	x 15 mm	(10)	<b>1514054</b>
20	x 2.5 mm	x 16 mm	(10)	<b>1514055</b>
20	x 2.5 mm	x 18 mm	(10)	<b>1514045</b>
20	x 2.5 mm	x 22 mm	(10)	<b>1514046</b>
26	x 3.0 mm	x 22 mm	(5)	<b>1514047</b>

For changing over from copper press systems and stainless steel press systems to composition pipe "Copeipe".  
Not suitable for solder connection.

For further information see  
"Technical information":



Article	Packing unit	Article-No.	Hint	
<b>"Cofit P" Press elbows</b> bronze, stainless steel casing, for composition pipe "Copipe"			<b>Universal application for heating and cooling systems and sanitary installations.</b>  Approvals: DVGW for all dimensions. ATEC, CSTBat and ÖNORM up to dimension 40.  Male thread for sealing according to EN 10226.  Dimension: 40 mm made of brass.	
 <b>Press connection elbow with male thread</b>				
16	x 2.0 mm	x R ½ (10) <b>1512343</b>	Female thread for sealing according to DIN EN 10226.  Dimension: 50 mm made of brass.	
16	x 2.0 mm	x R ⅜ (10) <b>1512344</b>		
20	x 2.5 mm	x R ½ (10) <b>1512345</b>		
20	x 2.5 mm	x R ⅜ (10) <b>1512358</b>		
20	x 2.5 mm	x R ¾ (10) <b>1512346</b>		
26	x 3.0 mm	x R ¾ (5) <b>1512347</b>		
26	x 3.0 mm	x R 1 (5) <b>1512357</b>		
32	x 3.0 mm	x R 1 (5) <b>1512348</b>		
40	x 3.5 mm	x R 1¼ (5) <b>1512349</b>		
 <b>Press connection elbow with female thread</b>				
16	x 2.0 mm	x Rp ½ (10) <b>1512443</b>	Dimension: 50 mm made of brass.	
20	x 2.5 mm	x Rp ½ (10) <b>1512445</b>		
20	x 2.5 mm	x Rp ¾ (10) <b>1512446</b>		
26	x 3.0 mm	x Rp ¾ (5) <b>1512447</b>		
26	x 3.0 mm	x Rp 1 (5) <b>1512448</b>		
32	x 3.0 mm	x Rp 1 (5) <b>1512449</b>		
50	x 4.5 mm	x Rp 1½ <b>1512456</b>		
 <b>Press angle pattern fitting with female thread</b>				
20	x 2.5 mm	x Rp ¾ (5) <b>1512745</b>		For instance for the connection of the composition pipe "Copipe" to hot water storage cylinders.
26	x 3.0 mm	x Rp 1 (5) <b>1512747</b>		
 <b>Press connection elbow with collar nut</b>			With flat seal. For instance for flat sealing Oventrop valves and fittings.	
16	x 2.0 mm	x G ⅜ (10) <b>1512751</b>		
16	x 2.0 mm	x G ½ (10) <b>1512752</b>		
16	x 2.0 mm	x G ¾ (10) <b>1512753</b>		
20	x 2.5 mm	x G ¾ (10) <b>1512755</b>		
26	x 3.0 mm	x G ¾ (5) <b>1512757</b>		
 <b>Press elbow 90°</b>			Dimension: 40 mm made of brass. 50 mm made of brass. 63 mm made of brass.	
16	x 16 mm	(10) <b>1512843</b>		
20	x 20 mm	(10) <b>1512845</b>		
26	x 26 mm	(5) <b>1512847</b>		
32	x 32 mm	(5) <b>1512849</b>		
40	x 40 mm	(5) <b>1512851</b>		
50	x 50 mm	<b>1512852</b>		
63	x 63 mm	<b>1512853</b>		
 <b>Press elbow 45°</b>			Dimension: 40 mm made of brass. 50 mm made of brass. 63 mm made of brass.	
32	x 32 mm	(5) <b>1512949</b>		
40	x 40 mm	(5) <b>1512951</b>		
50	x 50 mm	<b>1512952</b>		
63	x 63 mm	<b>1512953</b>	For further information see "Technical information":	

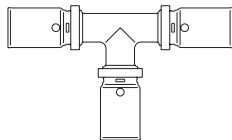


Article	Packing unit	Article-No.	Hint
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**"Cofit P" Press T-pieces**  
bronze,  
stainless steel casing,  
for composition pipe "Copipe"

**Universal application for heating and cooling systems and sanitary installations.**

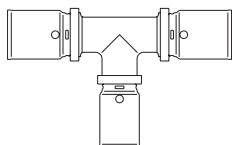
Approvals:  
DVGW for all dimensions.  
ATEC, CSTBat and ÖNORM up to dimension 40.



**Press T-piece**

16	x 16	x 16 mm	(10)	<b>1513043</b>
20	x 20	x 20 mm	(10)	<b>1513045</b>
26	x 26	x 26 mm	(5)	<b>1513046</b>
32	x 32	x 32 mm	(5)	<b>1513047</b>
40	x 40	x 40 mm	(5)	<b>1513048</b>
50	x 50	x 50 mm		<b>1513049</b>
63	x 63	x 63 mm		<b>1513050</b>

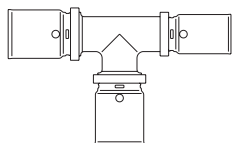
Dimension:  
40 mm made of brass.  
50 mm made of brass.  
63 mm made of brass.



**Press T-piece, reduced central port**

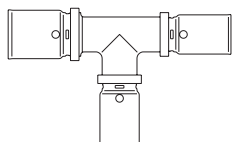
20	x 16	x 20 mm	(10)	<b>1513155</b>
26	x 16	x 26 mm	(5)	<b>1513156</b>
26	x 20	x 26 mm	(5)	<b>1513157</b>
32	x 16	x 32 mm	(5)	<b>1513158</b>
32	x 20	x 32 mm	(5)	<b>1513159</b>
32	x 26	x 32 mm	(5)	<b>1513160</b>
40	x 20	x 40 mm	(5)	<b>1513162</b>
40	x 26	x 40 mm	(5)	<b>1513163</b>
40	x 32	x 40 mm	(5)	<b>1513164</b>
50	x 40	x 50 mm		<b>1513165</b>
63	x 40	x 63 mm		<b>1513167</b>

Dimension:  
40 mm made of brass.  
40 mm made of brass.  
40 mm made of brass.  
50 mm made of brass.  
63 mm made of brass.



**Press T-piece, reduced straight port**

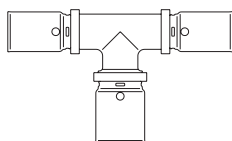
20	x 20	x 16 mm	(10)	<b>1513255</b>
26	x 26	x 20 mm	(5)	<b>1513257</b>



**Press T-piece, reduced central and straight port**

20	x 16	x 16 mm	(10)	<b>1513354</b>
26	x 16	x 20 mm	(5)	<b>1513356</b>
26	x 20	x 20 mm	(5)	<b>1513358</b>
32	x 20	x 26 mm	(5)	<b>1513361</b>
40	x 26	x 32 mm	(5)	<b>1513365</b>

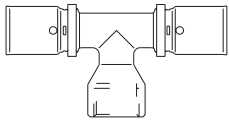
Dimension:  
40 mm made of brass.



**Press T-piece, enlarged central port**

16	x 20	x 16 mm	(10)	<b>1513454</b>
20	x 26	x 20 mm	(5)	<b>1513457</b>
26	x 32	x 26 mm	(5)	<b>1513460</b>

Article	Packing unit	Article-No.	Hint
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**Press connection T-piece with female thread**

16	x Rp 1/2	x 16 mm	(10) <b>1513643</b>
20	x Rp 1/2	x 20 mm	(10) <b>1513645</b>
26	x Rp 1/2	x 26 mm	(5) <b>1513647</b>
26	x Rp 3/4	x 26 mm	(5) <b>1513648</b>
32	x Rp 1/2	x 32 mm	(5) <b>1513649</b>
32	x Rp 1	x 32 mm	(5) <b>1513651</b>
40	x Rp 1/2	x 40 mm	(5) <b>1513652</b>
40	x Rp 1	x 40 mm	(5) <b>1513655</b>
50	x Rp 1	x 50 mm	<b>1513656</b>
63	x Rp 1	x 63 mm	<b>1513658</b>

Female thread for sealing according to DIN EN 10226.

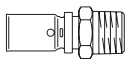
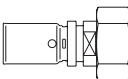
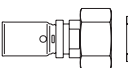
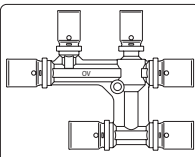

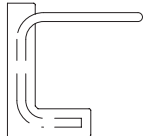
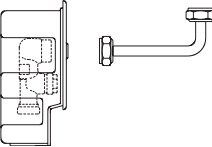

Dimension:  
40 mm made of brass.

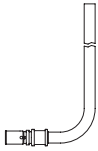

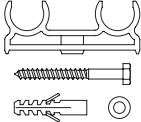
50 mm made of brass.  
63 mm made of brass.

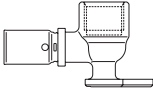
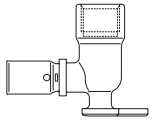
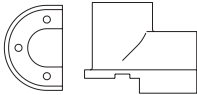
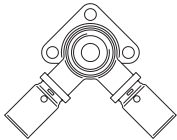
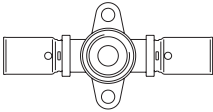
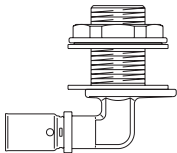
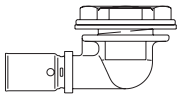

For further information see  
"Technical information":





Article	Packing unit	Article-No.	Hint
<p><b>"Cofit P" Press fittings</b> stainless steel casing, for composition pipe "Copipe"</p>			<p>Application: <b>Central heating systems with circulation pump and cooling systems.</b> Max. pressure and temperature: 10 bar, 95 °C. For valves and radiator lockshield valves "Combi 2, 3 and 4" as well as nickel plated valves and fittings of other manufacturers with Rp 1/2 female thread.</p>
<p><b>Press connection with male thread</b> bronze, nickel plated</p>			
	<p>16 x 2.0 mm x R 3/8 (10) <b>1512062</b> 16 x 2.0 mm x R 1/2 (10) <b>1512063</b> 20 x 2.5 mm x R 1/2 (10) <b>1512065</b></p>		
<p><b>Press connection with collar nut</b> bronze, nickel plated</p>			<p>With spherical sealing surface. Metal to metal seal against tapered surface, for instance for Oventrop distributors/collectors as well as valves and controls with G 3/4 compression connection.</p>
	<p>16 x 2.0 mm x G 3/4 c/nut (10) <b>1512163</b> 20 x 2.5 mm x G 3/4 c/nut (10) <b>1512165</b></p>		
<p>brass resistant to dezincification, nickel plated</p>			<p>With flat seal. For instance for flat sealing Oventrop valves and fittings.</p>
	<p>16 x 2.0 mm x G 3/4 c/nut (10) <b>1512171</b> 16 x 2.0 mm x G 1/2 c/nut (10) <b>1512172</b></p>		
<p><b>Cross fitting with press connection</b> brass, unplated</p>			<p>With insulation box.</p>
	<p>16 x 16 mm x 16 mm <b>1514653</b> 20 x 16 mm x 16 mm <b>1514654</b> 20 x 16 mm x 20 mm <b>1514655</b></p>		
<p><b>Pressure test plug with deaeration</b> brass Set = 10 pieces, for composition pipe "Copipe"</p>			<p>Max. pressure 20 bar.</p>
	<p>16 x 2.0 mm (10) <b>1506085</b> 20 x 2.5 mm (10) <b>1506087</b> 26 x 3.0 mm (10) <b>1506088</b> 32 x 3.0 mm (10) <b>1506089</b></p>		
<p><b>Radiator connection block</b> with composition pipe "Copipe" 16 x 2.0 mm insulation made of expanded polystyrene</p>			
	<p>(10) <b>1015645</b></p>		
<p><b>"Multimodul" Radiator connection</b></p>			<p>For simple radiator connection.</p>
	<p><b>1015651</b></p>		
<p><b>Radiator connection T-piece</b> nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copipe"</p>			<p>Height = 300 mm. Copper pipe: Ø 15 x 1.0 mm, Suitable compression fittings for instance item no. 1027443. Valid for item no. 1515143, 1515146 and 1515243.  Height: 750 mm</p>
	<p>16 x 2.0 mm (10) <b>1515143</b> 20 x 2.5 mm (10) <b>1515146</b> 16 x 2.0 mm (10) <b>1515144</b></p>		

Article	Packing unit	Article-No.	Hint
	<p><b>Radiator connection elbow</b> nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copipe"</p> <p>16 x 2.0 mm</p>	(10) 1515243	<p>For further information see "Technical information":</p> 
<p>16 x 2.0 mm</p>	(10) 1515244	Height: 750 mm	
	<p><b>Fixing set</b> for radiator connection elbow</p>	(10) 1515290	

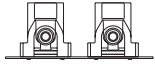
Article	Packing unit	Article-No.	Hint
<b>"Cofit P" Wall mounted connection pieces with press connection</b> bronze, stainless steel casing, for composition pipe "Copipe"			Approvals: DVGW for all dimensions. ATEC, CSTBat and ÖNORM up to dimension 40. For the connection of apparatus, valves and fittings. Fixing and insulating material available from specialist stores.
<b>Wall mounted connection piece with press connection, 90°, short model</b>			
	16 x 2.0 mm x Rp 1/2	(10) 1517053	
	20 x 2.5 mm x Rp 1/2	(10) 1517055	
	20 x 2.5 mm x Rp 3/4	(10) 1517056	
<b>Wall mounted connection piece with press connection, 90°, long model</b>			
	16 x 2.0 mm x Rp 1/2	(10) 1517043	
	20 x 2.5 mm x Rp 1/2	(10) 1517045	
<b>Sound absorbing set</b>			For wall mounted connection pieces item no. 1517043/45. For wall mounted connection pieces item no. 1517053/55/56.
		(10) 1518070 (10) 1518074	
<b>Wall mounted connection piece with press connection, angle pattern</b>			
	16 x 16 mm x Rp 1/2	(10) 1517143	
	20 x 20 mm x Rp 1/2	(10) 1517145	
<b>Wall mounted connection piece with press connection, straight pattern</b>			
	16 x 16 mm x Rp 1/2	(10) 1517243	
	20 x 20 mm x Rp 1/2	(10) 1517245	
	16 x 16 mm x Rp 1/2	(10) 1517253	
	20 x 20 mm x Rp 1/2	(10) 1517255	
<b>Wall traverse with press connection, 90°</b> with fixing set G 3/4			For long model.
	16 x 2.0 mm x Rp 1/2	(10) 1517343	
	20 x 2.5 mm x Rp 1/2	(10) 1517345	
<b>Flush-mounted elbow for cisterns with press connection</b> with fixing set G 3/4			For short model.
	16 x 2.0 mm x Rp 1/2	(10) 1517443	
<b>Press connection with female thread</b> with locking device			For flush mounting, for instance for outdoor taps.
	16 x 2.0 mm x Rp 1/2	(10) 1517643	
	20 x 2.5 mm x Rp 1/2	(10) 1517645	



For further information see "Technical information":

Article	Packing unit	Article-No.	Hint
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**Brackets  
with wall mounted connection pieces,  
short model and sound insulation**



Wall mounted connection piece	Gauge for bore holes				
16 x 2.0 mm x Rp 1/2	153 mm	(5)	<b>1518183</b>		
16 x 2.0 mm x Rp 1/2	80 mm	(5)	<b>1518184</b>		
16 x 2.0 mm x Rp 1/2	100 mm	(5)	<b>1518185</b>		

With flat bracket.



16 x 2.0 mm x Rp 1/2	153 mm	(5)	<b>1518186</b>		
20 x 2.5 mm x Rp 1/2	153 mm	(5)	<b>1518187</b>		
16 x 2.0 mm x Rp 1/2	80 mm	(5)	<b>1518188</b>		
16 x 2.0 mm x Rp 1/2	100 mm	(5)	<b>1518189</b>		

With cranked bracket.

**with wall mounted connection pieces,  
long model with sound insulation**

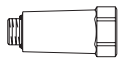


16 x 2.0 mm x Rp 1/2	80 mm	(5)	<b>1518198</b>		
16 x 2.0 mm x Rp 1/2	100 mm	(5)	<b>1518199</b>		

With cranked bracket.



16 x 2.0 mm x Rp 1/2	153 mm	(5)	<b>1518196</b>		
20 x 2.5 mm x Rp 1/2	153 mm	(5)	<b>1518197</b>		

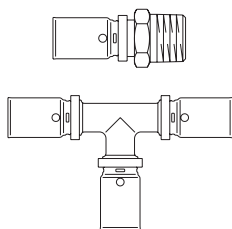


**Pressure test plug**  
plastic, self sealing

G 1/2 M	(50)	<b>1506092</b>
G 3/4 male thread	(50)	<b>1506093</b>

For further information see  
"Technical information":

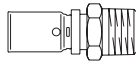
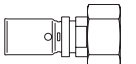
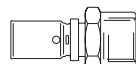





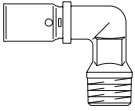
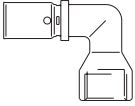
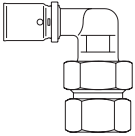
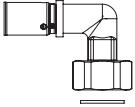
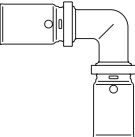


**11.c "Cofit PD" Press connection system  
(bronze, pressing must be carried out to tighten the connection)**

**Content**

"Cofit PD" Press fittings	11.22
"Cofit PD" Press elbows	11.23
"Cofit PD" Press T-pieces	11.24
"Cofit PD" Press fittings	11.25
"Cofit PD" Wall mounted connection pieces with press connection	11.26

Article	Packing unit	Article-No.	Hint
<b>"Cofit PD" Press fittings</b> designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copipe"			<b>Universal application for heating and cooling systems and sanitary installations.</b>  Approval: DVGW Dimension 26: DVGW in preparation
 <b>Press connection with male thread</b> unplated			For valves with female threaded connection.
16	x 2.0 mm	x R 1/2 (10) <b>1532043</b>	
16	x 2.0 mm	x R 3/8 (10) <b>1532044</b>	
20	x 2.5 mm	x R 1/2 (10) <b>1532045</b>	
20	x 2.5 mm	x R 3/4 (10) <b>1532046</b>	
20	x 2.5 mm	x R 3/8 (10) <b>1532047</b>	
26	x 3.0 mm	x R 3/4 (5) <b>1532048</b>	
26	x 3.0 mm	x R 1 (5) <b>1532049</b>	
 <b>Press connection with collar nut</b> unplated			With flat seal. For instance for flat sealing Oventrop valves and fittings.
16	x 2.0 mm	x G 3/8 c/nut (10) <b>1532141</b>	
16	x 2.0 mm	x G 3/4 c/nut (10) <b>1532143</b>	
20	x 2.5 mm	x G 1/2 c/nut (10) <b>1532144</b>	
20	x 2.5 mm	x G 3/4 c/nut (10) <b>1532145</b>	
26	x 3.0 mm	x G 1 c/nut (5) <b>1532147</b>	
 <b>Press connection with female thread</b>			For changing over to different pipe material and for valves and fittings with male threaded connection for sealing.
16	x 2.0 mm	x Rp 1/2 (10) <b>1532243</b>	
20	x 2.5 mm	x Rp 1/2 (10) <b>1532245</b>	
20	x 2.5 mm	x Rp 3/4 (10) <b>1532246</b>	
26	x 3.0 mm	x Rp 3/4 (5) <b>1532247</b>	
26	x 3.0 mm	x Rp 1 (5) <b>1532248</b>	
 <b>Press coupling</b>			
16	x 2 mm	x 16 x 2 mm (10) <b>1532543</b>	
20	x 2.5 mm	x 20 x 2.5 mm (10) <b>1532545</b>	
26	x 3 mm	x 26 x 3 mm (5) <b>1532546</b>	
 <b>Press reducing coupling</b>			
20	x 16 mm	(10) <b>1532655</b>	
26	x 16 mm	(5) <b>1532656</b>	
26	x 20 mm	(5) <b>1532657</b>	
 <b>Press connection coupling</b>			For changing over from copper press systems and stainless steel press systems to composition pipe "Copipe". Not suitable for solder connection.
16	x 2.0 mm	x 10 mm (10) <b>1534041</b>	
16	x 2.0 mm	x 12 mm (10) <b>1534042</b>	
16	x 2.0 mm	x 14 mm (10) <b>1534040</b>	
16	x 2.0 mm	x 15 mm (10) <b>1534043</b>	
16	x 2.0 mm	x 16 mm (10) <b>1534044</b>	
20	x 2.5 mm	x 15 mm (10) <b>1534054</b>	
20	x 2.5 mm	x 18 mm (10) <b>1534045</b>	
20	x 2.5 mm	x 22 mm (10) <b>1534046</b>	
26	x 3.0 mm	x 22 mm (5) <b>1534047</b>	

Article	Packing unit	Article-No.	Hint
<b>"Cofit PD" Press elbows</b> designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copipe"			<b>Universal application for heating and cooling systems and sanitary installations.</b>  Approval: DVGW Dimension 26: DVGW in preparation
	<b>Press connection elbow with male thread</b>		Male thread for sealing according to EN 10226.  For further information see "Technical information":
16	x 2.0 mm	x R 1/2 (10)	<b>1532343</b>
16	x 2.0 mm	x R 3/8 (10)	<b>1532344</b>
20	x 2.5 mm	x R 1/2 (10)	<b>1532345</b>
20	x 2.5 mm	x R 3/4 (10)	<b>1532346</b>
20	x 2.5 mm	x R 5/8 (10)	<b>1532358</b>
26	x 3.0 mm	x R 3/4 (5)	<b>1532347</b>
26	x 3.0 mm	x R 1 (5)	<b>1532357</b>
	<b>Press connection elbow with female thread</b>		Female thread for sealing according to EN 10226.
16	x 2.0 mm	x Rp 1/2 (10)	<b>1532443</b>
20	x 2.5 mm	x Rp 1/2 (10)	<b>1532445</b>
20	x 2.5 mm	x Rp 3/4 (10)	<b>1532446</b>
26	x 3.0 mm	x Rp 3/4 (5)	<b>1532447</b>
26	x 3.0 mm	x Rp 1 (5)	<b>1532448</b>
	<b>Press angle pattern fitting with female thread</b>		For instance for the connection of the composition pipe "Copipe" to hot water storage cylinders.
20	x 2.5 mm	x Rp 3/4 (5)	<b>1532745</b>
	<b>Press connection elbow with collar nut</b>		With flat seal. For instance for flat sealing Oventrop valves and fittings.
16	x 2.0 mm	x G 3/8 c/nut (10)	<b>1532751</b>
16	x 2.0 mm	x G 1/2 c/nut (10)	<b>1532752</b>
16	x 2.0 mm	x G 3/4 c/nut (10)	<b>1532753</b>
20	x 2.5 mm	x G 3/4 c/nut (10)	<b>1532755</b>
26	x 3.0 mm	x G 3/4 c/nut (5)	<b>1532757</b>
	<b>Press elbow 90°</b>		
16	x 16 mm	(10)	<b>1532843</b>
20	x 20 mm	(10)	<b>1532845</b>
26	x 26 mm	(5)	<b>1532847</b>



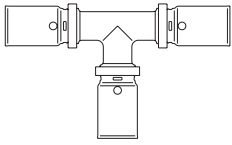
Article	Packing unit	Article-No.	Hint
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**"Cofit PD" Press T-pieces**  
designed not to seal  
in an uncompressed condition,  
bronze,  
stainless steel casing,  
for composition pipe "Copepe"

**Universal application for heating and cooling systems and sanitary installations.**

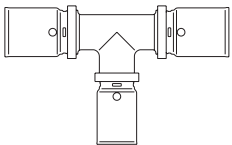
Approval: DVGW  
Dimension 26: DVGW in preparation

For further information see  
"Technical information":



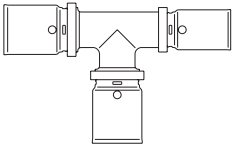
**Press T-piece**

16	x 16	x 16 mm	(10)	1533043
20	x 20	x 20 mm	(10)	1533045
26	x 26	x 26 mm	(5)	1533046



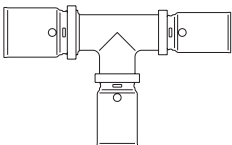
**Press T-piece, reduced central port**

20	x 16	x 20 mm	(10)	1533155
26	x 16	x 26 mm	(5)	1533156
26	x 20	x 26 mm	(5)	1533157



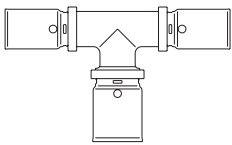
**Press T-piece, reduced straight port**

20	x 20	x 16 mm	(10)	1533255
26	x 26	x 20 mm	(5)	1533257



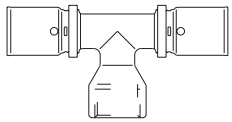
**Press T-piece, reduced central and straight port**

20	x 16	x 16 mm	(10)	1533354
26	x 16	x 20 mm	(5)	1533356
26	x 20	x 20 mm	(5)	1533358



**Press T-piece, enlarged central port**

16	x 20	x 16 mm	(10)	1533454
20	x 26	x 20 mm	(5)	1533457



**Press connection T-piece with female thread**

16	x Rp 1/2	x 16 mm	(10)	1533643
20	x Rp 1/2	x 20 mm	(10)	1533645
26	x Rp 1/2	x 26 mm	(5)	1533647
26	x Rp 3/4	x 26 mm	(5)	1533648

Female thread for sealing according to  
DIN EN 10226.



Article	Packing unit	Article-No.	Hint
<p><b>"Cofit PD" Press fittings</b> designed not to seal in an uncompressed condition, stainless steel casing, for composition pipe "Copipe"</p>			<p>Application: Central heating systems with circulation pump and cooling systems.</p> <p>Max. pressure and temperature: 10 bar, 95 °C</p>
<p><b>Press connection with male thread</b> brass resistant to dezincification, nickel plated</p>			<p>For valves and radiator lockshield valves "Combi 2, 3 and 4" as well as nickel plated valves and fittings with Rp 1/2 female thread of other manufacturers.</p>
16	x 2.0 mm	x R 3/8 (10) <b>1532062</b>	
16	x 2.0 mm	x R 1/2 (10) <b>1532063</b>	
20	x 2.5 mm	x R 1/2 (10) <b>1532065</b>	
<p><b>Press connection with collar nut</b> brass resistant to dezincification, nickel plated</p>			<p>With spherical sealing surface. Metal to metal seal against tapered surface, for instance for Oventrop distributors/ collectors as well as valves and controls with compression connection G 3/4.</p>
16	x 2.0 mm	x G 3/4 c/nut (10) <b>1532163</b>	
20	x 2.5 mm	x G 3/4 c/nut (10) <b>1532165</b>	
<p>brass resistant to dezincification, nickel plated</p>			<p>With flat seal. For instance flat sealing Oventrop valves and fittings.</p>
16	x 2.0 mm	x G 3/8 c/nut (10) <b>1532171</b>	
16	x 2.0 mm	x G 1/2 c/nut (10) <b>1532172</b>	
20	x 2.5 mm	x G 1 c/nut (10) <b>1532173</b>	
<p><b>Cross fitting with press connection</b> brass, unplated</p>			<p>With insulation box.</p>
16	x 16	x 16 mm <b>1534653</b>	
20	x 16	x 16 mm <b>1534654</b>	
20	x 16	x 20 mm <b>1534655</b>	

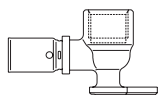
Article	Packing unit	Article-No.	Hint
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**"Cofit PD" Wall mounted connection pieces with press connection**

designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copipe"

**Universal application for heating and cooling systems and sanitary installations.**

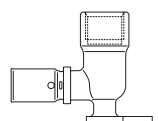
Approval: DVGW  
Dimension 26: DVGW in preparation



**Wall mounted connection piece with press connection, 90°, short model**

16 x 2.0 mm	x Rp 1/2	(10)	<b>1537053</b>
20 x 2.5 mm	x Rp 1/2	(10)	<b>1537055</b>
20 x 2.5 mm	x Rp 3/4	(10)	<b>1537056</b>

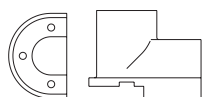
Fixing and insulating material available from specialist stores.  
For the connection of apparatus, valves and fittings.



**Wall mounted connection piece with press connection, 90°, long model**

16 x 2.0 mm	x Rp 1/2	(10)	<b>1537043</b>
20 x 2.5 mm	x Rp 1/2	(10)	<b>1537045</b>

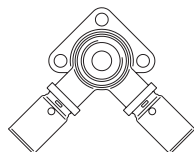
For further information see "Technical information":



**Sound absorbing set**

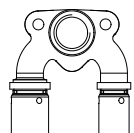
(10)	<b>1518070</b>
(10)	<b>1518074</b>

For wall mounted connection pieces item no. 1517043/45.  
For wall mounted connection pieces item no. 1517053/55/56.



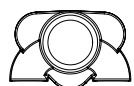
**Wall mounted connection piece with press connection, angle pattern**

16 x 16 mm	x Rp 1/2	(10)	<b>1537143</b>
20 x 20 mm	x Rp 1/2	(10)	<b>1537145</b>



**Wall mounted connection piece with press connection, U-shape**

20 x 16 mm	x Rp 1/2	(10)	<b>1537146</b>
26 x 20 mm	x Rp 1/2	(10)	<b>1537147</b>
26 x 26 mm	x Rp 1/2	(10)	<b>1537148</b>

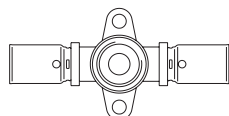


**Sound absorbing set**

for U-shaped wall mounting connection piece

<b>1539946</b>
<b>1539947</b>

For wall mounted connection piece item no. 1537146.  
For wall mounted connection pieces item no. 1537147/ 48.

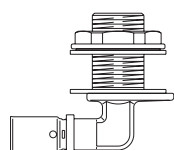


**Wall mounted connection piece with press connection, straight pattern**

16 x 16 mm	x Rp 1/2	(10)	<b>1537243</b>
20 x 20 mm	x Rp 1/2	(10)	<b>1537245</b>
16 x 16 mm	x Rp 1/2	(10)	<b>1537253</b>
20 x 20 mm	x Rp 1/2	(10)	<b>1537255</b>

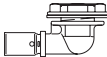
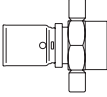

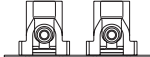




For long model.

For short model.



**Wall traverse with press connection, 90° with fixing set G 3/4**

16 x 2.0 mm	x Rp 1/2	(10)	<b>1537343</b>
20 x 2.5 mm	x Rp 1/2	(10)	<b>1537345</b>

Article	Packing unit	Article-No.	Hint
	<b>Flush-mounted elbow for cisterns with press connection</b> with fixing set G 3/4		
16 x 2.0 mm	x Rp 1/2	(10) 1537443	
	<b>Press connection with female thread</b> with locking device		For flush mounting, for instance for outdoor taps.
16 x 2.0 mm	x Rp 1/2	(10) 1537643	For further information see "Technical information":
20 x 2.5 mm	x Rp 1/2	(10) 1537645	
	<b>Brackets</b> with wall mounted connection pieces, short model and sound insulation		
Wall mounted connection piece	Gauge for bore holes		
16 x 2.0 mm	x Rp 1/2	80 mm (5) 1538184	With flat bracket.
16 x 2.0 mm	x Rp 1/2	100 mm (5) 1538185	
16 x 2.0 mm	x Rp 1/2	153 mm (5) 1538183	
	<b>with wall mounted connection pieces,</b> long model and sound insulation		With cranked bracket.
16 x 2.0 mm	x Rp 1/2	153 mm (5) 1538186	
20 x 2.5 mm	x Rp 1/2	153 mm (5) 1538187	
16 x 2.0 mm	x Rp 1/2	80 mm (5) 1538188	
16 x 2.0 mm	x Rp 1/2	100 mm (5) 1538189	
	<b>with wall mounted connection pieces,</b> long model and sound insulation		With cranked bracket.
16 x 2.0 mm	x Rp 1/2	80 mm (5) 1538198	For further information see "Technical information":
16 x 2.0 mm	x Rp 1/2	100 mm (5) 1538199	
	<b>with wall mounted connection pieces,</b> long model and sound insulation		
16 x 2.0 mm	x Rp 1/2	153 mm (5) 1538196	
20 x 2.5 mm	x Rp 1/2	153 mm (5) 1538197	





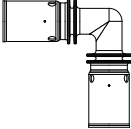
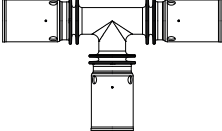
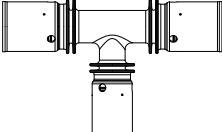
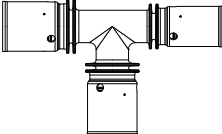
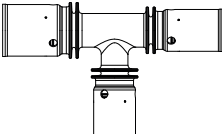
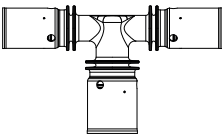
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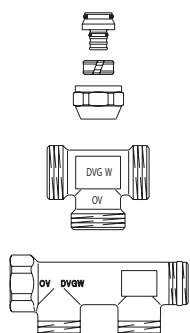
**11.d "Cofit PDK" Press connection system  
(plastic, pressing must be carried out to tighten the connection)**

**Content**

"Cofit PDK" Press fittings

11.30




















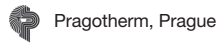





Article	Packing unit	Article-No.	Hint
<p><b>"Cofit PDK" Press fittings</b> designed not to seal in an uncompressed condition, plastic (PPSU) stainless steel casing for composition pipe "Copipe"</p>			<p><b>Universal application for heating and cooling systems and sanitary installations.</b></p> <p>DVGW approval in preparation.</p>
<p><b>Press coupling</b></p>			
	16 x 2 mm	x 16 x 2 mm (10)	<b>1522543</b>
	20 x 2.5 mm	x 20 x 2.5 mm (10)	<b>1522545</b>
<p><b>Press reducing coupling</b></p>			
	20 x 16 mm	(10)	<b>1522655</b>
<p><b>Press elbow 90°</b></p>			
	16 x 16 mm	(10)	<b>1522843</b>
	20 x 20 mm	(10)	<b>1522845</b>
<p><b>Press T-piece</b></p>			
	16 x 16 x 16 mm	(10)	<b>1523043</b>
	20 x 20 x 20 mm	(10)	<b>1523045</b>
<p><b>Press T-piece, reduced central port</b></p>			
	20 x 16 x 20 mm	(10)	<b>1523155</b>
<p><b>Press T-piece, reduced straight port</b></p>			
	20 x 20 x 16 mm	(10)	<b>1523255</b>
<p><b>Press T-piece, reduced central and straight port</b></p>			
	20 x 16 x 16 mm	(10)	<b>1523354</b>
<p><b>Press T-piece, enlarged central port</b></p>			
	16 x 20 x 16 mm	(10)	<b>1523454</b>



**11.e "Cofit S" Screwed connection system**

**Content**

"Cofit S" Compression fittings	11.32
"Cofit S" Compression fittings, female thread	11.32
"Cofit S" Nipples	11.32
"Cofit S" Connection pieces	11.32
"Cofit S" Screwed fittings	11.33
"Cofit S" Wall mounted connection pieces	11.35
"Cofit S" Brackets with wall mounted connection pieces	11.35
"Multidis R" Sanitary distributor	11.36
Accessories	11.36
"Multidis R" Sanitary distributor with isolating facility	11.36
Accessories	11.36

Article	Packing unit	Article-No.	Hint	
<b>"Cofit S" Compression fittings</b> for G 3/4 male thread according to DIN EN 16313 (cone "Euro") DVGW reg. no. DW-8501AT2407			<b>Universal application for heating and cooling systems and sanitary installations.</b> For DVGW approved composition pipe "Copepipe" and PE-X plastic pipes for the same dimension and same processing. Installation instructions are to be followed. For nickel plated valves, radiator lockshield valves and other valves and fittings with G 3/4 male thread, with tapered seal and O-ring seal.	
<b>Collar nut nickel plated</b>				
	14	x 2.0 mm x G 3/4 c/nut		(10) <b>1507954</b>
	16	x 2.0 mm x G 3/4 c/nut		(10) <b>1507955</b>
	18	x 2.0 mm x G 3/4 c/nut		(10) <b>1507958</b>
	20	x 2.5 mm x G 3/4 c/nut		(10) <b>1507960</b>
<b>Collar nut unplated</b>				
	14	x 2.0 mm x G 3/4 c/nut		(10) <b>1507974</b>
	16	x 2.0 mm x G 3/4 c/nut		(10) <b>1507975</b>
	20	x 2.5 mm x G 3/4 c/nut		(10) <b>1507980</b>
	26	x 3.0 mm x G 1 c/nut	(10) <b>1507983</b>	
	32	x 3.0 mm x G 1 1/4 c/nut	(10) <b>1507985</b>	
<b>"Cofit S" Compression fittings, female thread</b> outlet made of brass resistant to dezincification, brass compression ring, compression nut made of nickel plated brass			For Oventrop valves and radiator lockshield valves with female thread Rp 1/2 and compression ends. No sealing required. Not suitable for thermostatic valves "RF".	
	14	x 2.0 mm x G 1/2 male		(10) <b>1507354</b>
	16	x 2.0 mm x G 1/2 male	(10) <b>1507355</b>	
<b>"Cofit S" Nipples</b> bronze			For the connection of composition pipes to valves and fittings with female thread according to EN 10226.	
nickel plated				
	R 3/8	x G 3/4 male thread		(25) <b>1503161</b>
	R 1/2	x G 3/4 male thread		(25) <b>1503162</b>
	R 3/4	x G 3/4 male thread		(25) <b>1503164</b>
unplated DVGW reg. no. DW-8501AT2407				
	R 3/8	x G 3/4 male thread	(25) <b>1503151</b>	
	R 1/2	x G 3/4 male thread	(25) <b>1503152</b>	
	R 3/4	x G 1 M	(10) <b>1503155</b>	
	R 1	x G 1 1/4 M	(10) <b>1503156</b>	
	R 1	x G 1 M	(10) <b>1503157</b>	
<b>"Cofit S" Connection pieces</b> DVGW reg. no. DW-8501AT2407 bronze with flat seal			For the connection of the composition pipe "Copepipe" to valves and fittings with male thread.  Award:   For further information see "Technical information": 	
	G 3/8 female	x G 3/4 male thread		(25) <b>1503053</b>
	G 3/4 female	x G 3/4 male thread		(25) <b>1503054</b>
	G 1 female	x G 1 M		(10) <b>1503055</b>
	G 1 1/4 female	x G 1 1/4 M		(10) <b>1503056</b>



Article	Packing unit	Article-No.	Hint
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**"Cofit S" Screwed fittings**  
DVGW reg. no. DW-8501AT2407  
bronze  
for floor to floor distribution and risers



**Double nipple, bronze, unplated**

G 3/4 male thread	x G 3/4 male thread	(25)	<b>1504054</b>
G 1 M	x G 1 M	(10)	<b>1504055</b>
G 1 1/4 M	x G 1 1/4 M	(10)	<b>1504056</b>

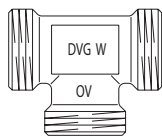
reduced

G 1 M	x G 3/4 male thread	(10)	<b>1504064</b>
G 1 1/4 M	x G 1 M	(10)	<b>1504065</b>
G 1 1/4 M	x G 3/4 male thread	(10)	<b>1504066</b>



**Connection piece**

G 3/4 male thread	x Rp 1/2	(25)	<b>1504153</b>
G 3/4 male thread	x Rp 3/4	(25)	<b>1504154</b>
G 1 M	x Rp 1	(10)	<b>1504155</b>
G 1 1/4 M	x Rp 1 1/4	(10)	<b>1504156</b>



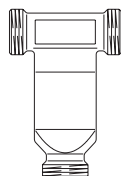
**T pieces**

with male thread

a	b	c	
G 3/4	x G 3/4	x G 3/4	(10) <b>1504554</b>
G 1	x G 1	x G 1	(10) <b>1504555</b>
G 1 1/4	x G 1 1/4	x G 1 1/4	(5) <b>1504556</b>

reduced

a	b	c	
G 3/4	x G 1	x G 3/4	(10) <b>1504552</b>
G 3/4	x G 1 1/4	x G 3/4	(5) <b>1504553</b>
G 1	x G 3/4	x G 3/4	(10) <b>1504565</b>
G 1	x G 3/4	x G 1	(10) <b>1504564</b>
G 1	x G 1	x G 3/4	(10) <b>1504563</b>
G 1	x G 1 1/4	x G 3/4	(5) <b>1504575</b>
G 1	x G 1 1/4	x G 1	(5) <b>1504572</b>
G 1 1/4	x G 3/4	x G 3/4	(5) <b>1504570</b>
G 1 1/4	x G 3/4	x G 1	(5) <b>1504574</b>
G 1 1/4	x G 3/4	x G 1 1/4	(5) <b>1504568</b>
G 1 1/4	x G 1	x G 3/4	(5) <b>1504573</b>
G 1 1/4	x G 1	x G 1	(5) <b>1504567</b>
G 1 1/4	x G 1	x G 1 1/4	(5) <b>1504566</b>
G 1 1/4	x G 1 1/4	x G 3/4	(5) <b>1504569</b>
G 1 1/4	x G 1 1/4	x G 1	(5) <b>1504571</b>



**T-bridging piece**  
with male thread

G 3/4	x G 3/4	x G 3/4	(5) <b>1504754</b>
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**Universal application for heating and cooling systems and sanitary installations.**

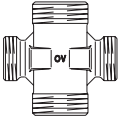

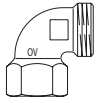
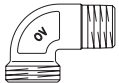
When using compression fittings with G 3/4 collar nut, the screwed fittings are suitable for use on composition pipe, copper, precision steel and plastic pipes.

Tapered and cylindrical sealing surface for metal to metal and O-ring sealing.

To create junction points when using the T-piece, item no. 1504554.

For further information see "Technical information":



Article	Packing unit	Article-No.	Hint
			
<b>Cross connection piece</b>			
brass			
G 1	x G 1	x G ¾ x G ¾	(10) <b>1505565</b>
G 1¼	x G 1¼	x G ¾ x G ¾	(10) <b>1505566</b>
G 1¼	x G 1	x G ¾ x G ¾	(10) <b>1505567</b>
			
<b>Elbow 90°</b>			
G ¾ male thread	x G ¾ male thread	(10)	<b>1504454</b>
G 1 M	x G 1 M	(10)	<b>1504455</b>
G 1¼ M	x G 1¼ M	(10)	<b>1504456</b>
			
<b>Connection elbow 90 °</b>			
G ¾ male thread	x Rp ½	(10)	<b>1504353</b>
G ¾ male thread	x Rp ¾	(10)	<b>1504354</b>
G 1 M	x Rp 1	(10)	<b>1504355</b>
G 1¼ M	x Rp 1¼	(5)	<b>1504356</b>
			
<b>Connection elbow 90 °</b>			
G ¾ male thread	x R ½	(10)	<b>1504363</b>

To extend the sanitary distributor for one connection.

For instance for the connection of the composition pipe "Copepe" to flush-mounted valves and fittings.

For further information see "Technical information":



Article	Packing unit	Article-No.	Hint
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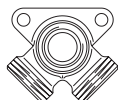
**"Cofit S" Wall mounted connection pieces**  
 DVGW reg. no. DW-8501AT2407  
 bronze

For the connection of apparatus, valves and fittings.  
 Fixing and insulating material available from specialist stores.



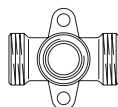
Wall mounted connection piece

G 3/4 male thread	x Rp 1/2	(25)	<b>1506053</b>
G 3/4 male thread	x Rp 3/4	(25)	<b>1506054</b>



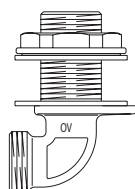
Wall mounted connection piece, angle pattern

G 3/4 male thread	x Rp 1/2 x G 3/4 male thread	(25)	<b>1506153</b>
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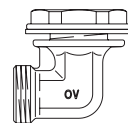
Wall mounted connection piece, straight pattern

G 3/4 male thread	x Rp 1/2 x G 3/4 male thread	(25)	<b>1506253</b>
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Wall traverse 90°  
 with fixing set G 3/4

G 3/4 male thread	x Rp 1/2	(5)	<b>1506553</b>
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Flush-mounted elbow for cisterns  
 with fixing set G 3/4

G 3/4 male thread	x Rp 1/2	(10)	<b>1506653</b>
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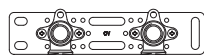
**"Cofit S" Brackets with wall mounted connection pieces**



Wall mounted connection piece Gauge for bore holes

G 3/4 male thread	x Rp 1/2	80 mm	(10)	<b>1506073</b>
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With flat bracket.



G 3/4 male thread	x Rp 1/2	100 mm	(10)	<b>1506075</b>
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With flat bracket.



G 3/4 male thread	x Rp 1/2	80 mm	(10)	<b>1506176</b>
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With cranked bracket.

G 3/4 male thread	x Rp 1/2	100 mm	(10)	<b>1506177</b>
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G 3/4 male thread	x Rp 1/2	153 mm	(10)	<b>1506178</b>
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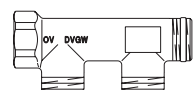


**Pressure test plug**  
 plastic, self sealing

G 1/2 M	(50)	<b>1506092</b>
G 3/4 male thread	(50)	<b>1506093</b>

For further information see  
 "Technical information":





**"Multidis R" Sanitary distributor**  
 bronze, self sealing

(2) **4200453**

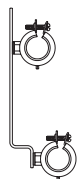
Tapered sealing surface for metal to metal and O-ring sealing.  
 To be used in combination with "Cofit S" and "Ofix" compression fittings as well as "Cofit P" press connections with collar nut and spherical sealing surface.

**Accessories**

Cap G 3/4 female thread  
 (not illustr.)

**1400692**

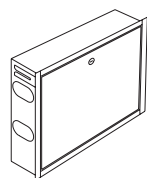
To close outlets not in use.



Bracket  
 steel, galvanised

(10) **4201071**

Bracket with mounting clip. For mounting the sanitary distributor into the cabinet or onto the wall. Sound-absorbing as per DIN 4109.



Cabinets - flush mounting  
 steel, galvanised  
 frame and doors white lacquered  
 removable screen

Inner width: 400 mm

**4201081**

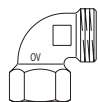
Depth: 110-145 mm  
 Height: 350 mm

Inner width: 600 mm

**4201082**

For distributors with 6 outlets without water meter or distributors with 3 outlets with water meter.

For distributors with 10 outlets without water meter or distributors with 7 outlets with water meter.



**Connection elbow 90 °**

G 3/4 male thread x Rp 3/4 (10) **1504354**

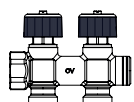
To extend the sanitary distributor for one connection.

**"Multidis R" Sanitary distributor with isolating facility**  
 bronze, without dead zone, self-sealing  
 G 3/4 x G 3/4

2-fold

**4200552\***

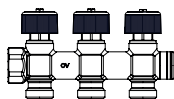
Application:  
 Potable water installations PN 10  
 Max. water temperature: 90 °C



3-fold

**4200553\***

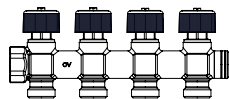
Completely pre-assembled and leak tested unit. Complete pipe section made of bronze, one-piece casted.



4-fold

**4200554\***

Connections:  
 Female thread according to EN 10226-1  
 Male thread according to DIN ISO 228, flat sealing



**Accessories**



Replacement bonnet

**4200590\***

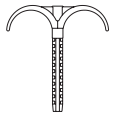


Bracket, small  
 steel, galvanised

(10) **4200571\***

Tapered sealing surface for metal to metal and O-ring sealing.  
 To be used in combination with "Cofit S" and "Ofix" compression fittings as well as "Cofit P" press connections with collar nut and spherical sealing surface.

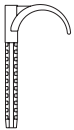
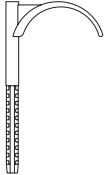


Bracket with mounting clip.  
 For mounting the sanitary distributor with isolating facility into the cabinet or onto the wall.

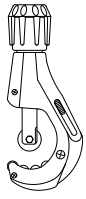


**11.f Fixing material and accessories for pipes**

**Content**

Fixing material	11.38
Accessories	11.38

Article	Packing unit	Article-No.	Hint
<b>Fixing material for pipes</b>			To fix the pipework on concrete flooring.
	<b>Single dowel hook</b> plastic		
for pipes with an outer diameter of up to 32 mm	(50)	<b>1509091</b>	
	<b>Double dowel hook</b> plastic		
for pipes with an outer diameter of up to 32 mm	(50)	<b>1509092</b>	
	<b>Single dowel hook "Maxi"</b> plastic		To fix insulated pipework on concrete flooring. No allowance for insulating material required.
for insulated pipes with an outer diameter of up to 55 mm	(50)	<b>1509093</b>	
	<b>Single pipe clip</b> plastic		With thread M 6. To fix the pipework on the wall.
for pipes with an outer diameter of			
14 mm	(100)	<b>1509151</b>	
16 mm	(100)	<b>1509152</b>	
20 mm	(100)	<b>1509153</b>	
<b>Accessories for pipes</b>			
	<b>Protective tube</b> made of LDPE		For protecting the pipe - at junction points of screed joints according to DIN EN 1264-4 / DIN 18560 T 2 - at the entry points when set in concrete - at the exit points when set in concrete
Length: 300 mm, slotted, for 14, 16 and 17 mm pipes	(20)	<b>1501184</b>	Only sold in units of 20 protective tubes per bag.
	<b>Single rosette cover</b> plastic		Outer diameter of the covers: 56 mm
for pipes with an outer diameter of			
14 mm		<b>1509661</b>	
16 mm		<b>1509662</b>	
	Distance between pipe centres 50 mm		
Perforation			
12 mm	(25)	<b>1016671</b>	
14 mm	(25)	<b>1016672</b>	
15 mm	(25)	<b>1016673</b>	
16 mm	(25)	<b>1016674</b>	
18 mm	(25)	<b>1016675</b>	



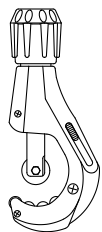
**11.g Tools**

**Content**

Tools	11.40
Press tools	11.43
Accessories	11.44

Article	Article-No.	Hint
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**Tools**  
for pipes



**Pipe cutter**  
with special cutting wheel

up to 32 mm diameter  
Spare cutting wheel

**1509580**  
**1509588**

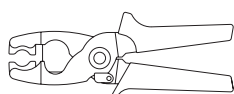
For cutting the pipes at right angles, one tool for all diameters.  
Spare cutting wheel in the grip.

For pipe cutter 1509580.

up to 63 mm diameter  
Spare cutting wheel

**1509589**  
**1509593**

For pipe cutter 1509589.



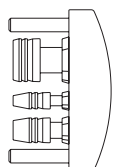
**Pipe shears**  
up to 20 mm diameter

with protective tube cutter

**1509567**

Spare cutter for composition pipe  
Spare cutter for protective tube

**1509568**  
**1509569**



**Universal tool**  
for deburring and calibrating  
mandrels made of stainless steel

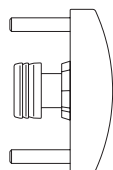
for pipes 14 x 2.0 mm  
for pipes 16 x 2.0 mm  
for pipes 20 x 2.5 mm  
for pipes 26 x 3.0 mm  
for pipes 32 x 3.0 mm

**1509594**

For calibrating and deburring the pipes at the same time. By calibrating and chamfering the pipe ends, optimal fitting conditions are ensured for the reinforcing sleeves of the press fittings "Cofit P" and for the outlets of the compression fittings "Cofit S".

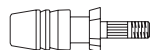
for pipes 14 x 2.0 mm  
for pipes 16 x 2.0 mm  
for pipes 18 x 2.0 mm  
for pipes 20 x 2.0 mm  
for pipes 26 x 3.0 mm

**1509596**



for pipes 40 x 3.5 mm

**1519593**

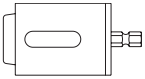
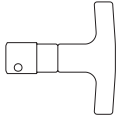
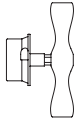
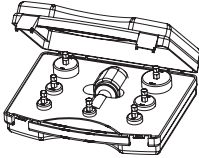
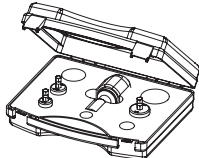
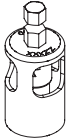
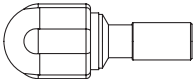
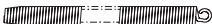


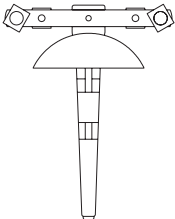
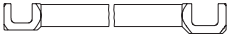

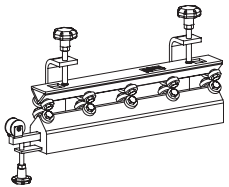
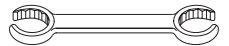
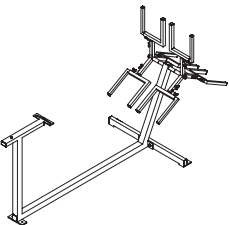
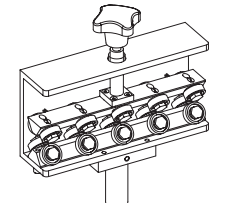
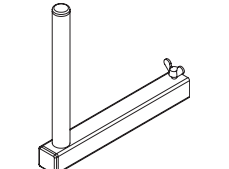
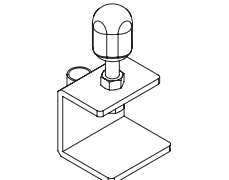
**Mandrels**  
for universal tool  
for deburring and calibrating  
made of stainless steel

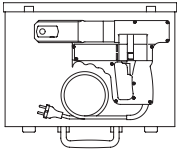
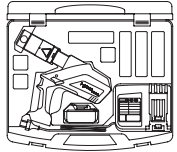

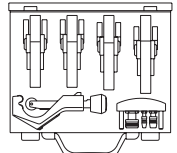





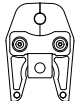


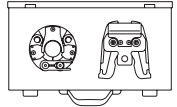
for pipes 14 x 2.0 mm  
for pipes 16 x 2.0 mm  
for pipes 20 x 2.5 mm  
for pipes 26 x 3.0 mm  
for pipes 32 x 3.0 mm



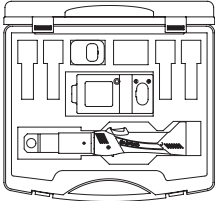



**1509570**  
**1509571**  
**1509573**  
**1509574**  
**1509575**



Article	Article-No.	Hint
	<p><b>Smoothing tool</b> for deburring and smoothing cutting edge made of hardened stainless steel</p> <p>for pipes 40 x 3.5 mm <b>1519595</b></p>	
	<p><b>Handgrip</b> for smoothing tool <b>1519596</b></p>	
	<p><b>Universal tool</b> for deburring and calibrating</p> <p>for pipes 50 x 4.5 mm <b>1519598</b> for pipes 63 x 6.0 mm <b>1519599</b></p>	
	<p><b>Tool case for deburring/calibrating</b> made of plastic <b>1519590</b></p> <p>Content: Deburring and calibrating tools made of tempered stainless steel with protecting cover made of galvanised steel for pipes 14 x 2 mm for pipes 16 x 2 mm for pipes 18 x 2 mm for pipes 20 x 2.5 mm for pipes 26 x 3 mm for pipes 32 x 3 mm for pipes 40 x 3.5 mm</p>	<p>Deburring and calibrating tool with 9 mm hexagon seating. Deburring and calibrating tool for use with rechargeable battery screwdriver up to a max. speed of 500 revolutions/min.</p>
	<p>Content: <b>1519594</b> Deburring and calibrating tools made of tempered stainless steel with protecting cover made of galvanised steel with handgrip for pipes 16 x 2 mm for pipes 20 x 2.5 mm for pipes 26 x 3 mm</p>	
	<p><b>Deburring and calibrating tool</b> made of tempered stainless steel with protecting cover made of galvanised steel</p> <p>for pipes 17 x 2 mm <b>1519589</b> for pipes 20 x 2 mm <b>1519591</b></p>	<p>Deburring and calibrating tool with 9 mm hexagon seating.</p>
	<p><b>Handgrip</b> <b>1519592</b> for deburring and calibrating tool</p>	<p>With 9 mm hexagon seating.</p>
	<p><b>Pipe bending spring</b> made of stainless steel length 600 mm</p> <p>for pipes 14 x 2.0 mm <b>1509561</b> for pipes 16 x 2.0 mm <b>1509562</b> for pipes 20 x 2.5 mm <b>1509563</b></p>	<p>Prevents folding and kinking of the pipe, especially when bending small radii by hand. For bending the composition pipe to radii smaller than 5 x D.</p>

Article	Article-No.	Hint
	<p><b>Pipe bending tool</b> for pipes with an outer diameter</p> <p>14, 16, 18, 20 and 26 mm</p>	<p>For the simple construction of even radii for outer pipe dimensions of 14 to 26 mm, mechanical transmission.</p> <p>Pipe bending tools for larger pipe diameters are available from specialist stores, e. g. Tube Bender Maxi of the company Rothenberger.</p>
	<p><b>Holding key</b> aluminium</p> <p>Spanner size 24/30</p>	<p>For holding the fittings. Simplifies the installation of the compression fittings.</p>
	<p>Spanner size 26/37</p>	<p>For fittings with G ¾ or G 1 male thread.</p>
	<p><b>Pipe straightener</b> for composition pipe "Copipe"</p> <p>16-26 mm</p>	<p>For fittings with G 1¼ male thread or for tightening the G 1 collar nut of the dimension 26 x 3 mm.</p>
	<p><b>Ring spanner</b></p> <p>Spanner size 30/32</p>	<p>Suitable for coil unwinder 1519460.</p>
	<p><b>Coil unwinder</b> for pipes</p> <p>16-26 mm</p>	<p>For the installation of the compression fittings.</p>
	<p><b>Pipe straightener</b> for composition pipe "Copipe"</p> <p>14-26 mm</p>	<p>With location for pipe straightener 1519461.</p>
	<p><b>Adapter</b> for pipe straightener and coil unwinder</p>	<p>Suitable for adapter and bench mounting set.</p>
	<p><b>Bench mounting set</b> for pipe straightener</p>	<p>To fix the pipe straightener 1519462 to the coil unwinder 1402096.</p>
<p>1519466</p>	<p>To fix the pipe straightener 1519462 to a work bench or a table etc.</p>	

Article	Article-No.	Hint
<p><b>Press tools</b> for "Cofit P" press fittings and pipes</p>		
	<p><b>Press machine 230 V</b> (mains-operated) in a sheet steel case</p> <p><b>1519480</b></p>	<p>The sheet steel case has allowances for 6 press bits. Machine only as replacement (without sheet steel case) available on demand.</p>
	<p><b>Press machine 18 V</b> <b>(Li-Ion rechargeable battery)</b> Battery charger Rechargeable battery 18 V / 3.0 Ah in a plastic case</p> <p><b>1519476</b></p>	<p>Machine only as replacement (without plastic case and accessories) available on demand.</p>
	<p><b>Manual press tool</b> for "Cofit P" 14, 16, 20 and 26 mm</p> <p><b>1519482</b></p>	<p>Suitable press bits: Item no. 1519489 (diameter 14 mm) Item no. 1519491 (diameter 16 mm) Item no. 1519492 (diameter 20 mm) Item no. 1519493 (diameter 26 mm) with two additional location holes.</p>
	<p><b>Press system case</b> made of sheet steel Content: Press bits 16, 20, 26, 32 mm Pipe cutter Universal tool for deburring and calibrating</p> <p><b>1519490</b></p>	
	<p><b>Press bits</b> Type H 16 A, for pipe Ø 16 mm</p> <p><b>1519491</b></p>	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519480. The Oventrop press bits may also be used with the press machines of the following companies: Geberit type PWH75, Klauke types UAP2, UAP3L, UP2EL, Mannesmann/Novopress types EFP2, ECO1, AFP2, ACO1, Polytherm, Rems, Roller, Rothenberger, Uponor/Unicor, Velta, Viega type 2.</p>
	<p>Type H 20 A, for pipe Ø 20 mm</p> <p><b>1519492</b></p>	
	<p>Type H 26 A, for pipe Ø 26 mm</p> <p><b>1519493</b></p>	
	<p>Type H 32 A, for pipe Ø 32 mm</p> <p><b>1519494</b></p>	
	<p>Type H 40 A (2G), for pipe Ø 40 mm</p> <p><b>1519495</b></p>	
	<p><b>Press bits</b> Type RN 14, for pipe Ø 14 x 2 mm</p> <p><b>1519489</b></p>	<p>Only suitable for use with the following press couplings:</p>
	<p>Type RN 17, for pipe Ø 17 x 2 mm</p> <p><b>1519488</b></p>	<p>Item no. 1512542 (14 x 2 mm)</p>
	<p>Type RN 20 for pipe Ø 20 x 2 mm</p> <p><b>1519481</b></p>	<p>Item no. 1512544 (17 x 2 mm)</p>
	<p><b>Press clamps with auxiliary bits</b> in a sheet steel case for Ø 40 mm pipe</p> <p><b>1519497</b></p>	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519480 as well as the press machines of the following companies: Geberit type PWH75, Klauke types UAP2, UAP3L, Mannesmann/Novopress types EFP2, ECO1, AFP2, ACO1, Rems, Viega type 2.</p>

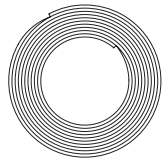
Article	Article-No.	Hint
	<p><b>Press bits</b> for pipe Ø 50 mm <b>1519445</b></p>	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519480 well as the press machines of the following companies: Klauke types UAP2, UAP3L, Uponor/Unicor type UP 75.</p>
	<p><b>Pressing device</b> for pipe Ø 63 mm <b>1519446</b></p>	
	<p><b>Press machine 18 V (Li-ion rechargeable battery)</b> <b>1519681</b> Battery charger Rechargeable battery 18 V / 1.5 V Ah in a plastic case</p>	<p>Suitable press bits: Item no. 1519691 (Ø 16 mm) Item no. 1519692 (Ø 20 mm) Item no. 1519693 (Ø 26 mm) Item no. 1519694 (Ø 32 mm) Machine only as replacement (without plastic case) available on demand.</p>
	<p><b>Press bits</b> for press machine 18 V (Li-ion rechargeable battery)</p> <p>for pipe Ø 16 mm <b>1519691</b> for pipe Ø 20 mm <b>1519692</b> for pipe Ø 26 mm <b>1519693</b> for pipe Ø 32 mm <b>1519694</b></p>	<p>Suitable for use with the Oventrop press machine 18 V (rechargeable battery) (item no. 1519681).</p>
<b>Accessories</b>		
	<p><b>Battery charger</b> <b>1519483</b> for press machine 18 V (Li-ion rechargeable battery)</p>	
	<p><b>Rechargeable battery</b> <b>1519484</b> 18 V / 3.0 Ah for press machine 18 V (Li-ion rechargeable battery)</p>	<p>For Oventrop press machines 18 V item no. 1519476 and 1519681.</p>

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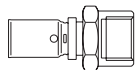
**11.h "Copex HT" PE-Xc Plastic pipe**

**Content**

"Copex HT" PE-Xc Plastic pipe	11.46
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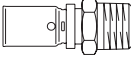
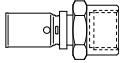


Article	Packing unit	Article-No.	Hint
"Copex HT" PE-Xc Plastic pipe with oxygen barrier			Application: Potable water and heating systems.
rolls			Pipes according to DIN 16892/ DIN 16893/ DIN EN ISO 15875. Oxygen tight according to DIN 4726.
Dimension 16 x 2.2 mm			
length per roll 100 m	(22)	<b>1410151*</b>	Operational conditions: Max. operating pressure $p_s$ : 10 bar Max. design temperature $t_s$ : 90 °C
Dimension 20 x 2.8 mm			
length per roll 100 m	(18)	<b>1410461*</b>	<b>Attention:</b> <b>Observe "Technical information" advice!</b>
Dimension 25 x 3.5 mm			
length per roll 50 m	(18)	<b>1410560*</b>	<b>Connection system "Cofit PD-HT":</b> <b>from page 11.48</b>
Dimension 32 x 4.4 mm			
length per roll 50 m	(12)	<b>1410660*</b>	



**11.i "Cofit PD-HT" Press connection system**

**Content**

"Cofit PD-HT" Press fittings made of bronze	11.48
"Cofit PD-HT" Press fittings made of bronze	11.49
"Cofit PDK-HT" Press fittings made of plastic (PPSU)	11.50
Tools	11.51

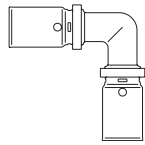
Article	Packing unit	Article-No.	Hint	
<p><b>"Cofit PD-HT" Press fittings made of bronze</b> designed not to seal in an uncompressed condition, stainless steel casing for PE-Xc plastic pipes "Copex HT"</p>			<p><b>Universal application for heating systems and sanitary installations.</b></p>	
<p><b>Press connection with male thread</b></p>				
	16	x 2.2 mm x R 1/2	(10) <b>1562043*</b>	
	20	x 2.8 mm x R 1/2	(10) <b>1562045*</b>	
	20	x 2.8 mm x R 3/4	(10) <b>1562046*</b>	
	25	x 3.5 mm x R 3/4	(5) <b>1562048*</b>	
	25	x 3.5 mm x R 1	(5) <b>1562049*</b>	
	32	x 4.4 mm x R 1	(5) <b>1562051*</b>	
<p><b>Press connection with female thread</b></p>			<p>For valves with female threaded connection.</p>	
	16	x 2.2 mm x Rp 1/2		(10) <b>1562243*</b>
	20	x 2.8 mm x Rp 3/4	<b>1562245*</b>	
<p><b>Press coupling</b></p>			<p>For changing over to different pipe material and for valves and fittings with male threaded connection for sealing.</p>	
	16 x 2.2 mm	x 16 x 2.2 mm		(10) <b>1562543*</b>
	20 x 2.8 mm	x 20 x 2.8 mm		(10) <b>1562545*</b>
	25 x 3.5 mm	x 25 x 3.5 mm		(5) <b>1562546*</b>
	32 x 4.4 mm	x 32 x 4.4 mm		(5) <b>1562547*</b>
<p><b>Press reducing coupling</b></p>				
	20 x 2.8 mm	x 16 x 2.2 mm		(10) <b>1562655*</b>
	25 x 3.5 mm	x 16 x 2.2 mm		(5) <b>1562656*</b>
	25 x 3.5 mm	x 20 x 2.8 mm		(5) <b>1562657*</b>
	32 x 4.4 mm	x 25 x 3.5 mm	(5) <b>1562660*</b>	



Article	Packing unit	Article-No.	Hint
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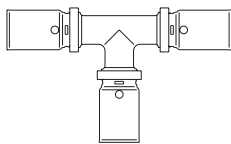
**"Cofit PD-HT" Press fittings made of bronze**  
designed not to seal  
in an uncompressed condition,  
stainless steel casing  
for PE-Xc plastic pipes "Copex HT"

**Universal application for heating systems  
and sanitary installations.**



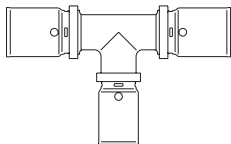
**Press elbow**

16 x 2.2 mm	x 16 x 2.2 mm	(10)	<b>1562843*</b>
20 x 2.8 mm	x 20 x 2.8 mm	(10)	<b>1562845*</b>
25 x 3.5 mm	x 25 x 3.5 mm	(5)	<b>1562847*</b>
32 x 4.4 mm	x 32 x 4.4 mm	(5)	<b>1562849*</b>



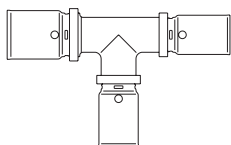
**Press T-piece**

16 x 2.2 x 16 x 2.2 x 16 x 2.2 mm	(10)	<b>1563043*</b>
20 x 2.8 x 20 x 2.8 x 20 x 2.8 mm	(10)	<b>1563045*</b>
25 x 3.5 x 25 x 3.5 x 25 x 3.5 mm	(5)	<b>1563046*</b>
32 x 4.4 x 32 x 4.4 x 32 x 4.4 mm	(5)	<b>1563047*</b>



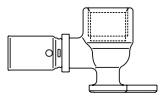
**Press T-piece, reduced central port**

20 x 2.8 x 16 x 2.2 x 20 x 2.8 mm	(10)	<b>1563155*</b>
25 x 3.5 x 16 x 2.2 x 25 x 3.5 mm	(5)	<b>1563156*</b>
25 x 3.5 x 20 x 2.8 x 25 x 3.5 mm	(5)	<b>1563157*</b>



**Press T-piece, reduced central and straight port**

20 x 2.8 x 16 x 2.2 x 16 x 2.2 mm	(10)	<b>1563354*</b>
25 x 3.5 x 16 x 2.2 x 20 x 2.8 mm	(5)	<b>1563356*</b>



**Wall mounted connection piece with press connection,  
90°, short model**

16 x 2.2 mm	x Rp ½	(10)	<b>1567053*</b>
25 x 3.5 mm	x Rp ½	(10)	<b>1567055*</b>

Fixing and insulating material available from  
specialist stores.  
For the connection of apparatus, valves and  
fittings.

Article	Packing unit	Article-No.	Hint
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**"Cofit PDK-HT" Press fittings made of plastic (PPSU)**  
designed not to seal  
in an uncompressed condition,  
stainless steel casing  
for PE-Xc plastic pipes "Copex HT"

**Universal application for heating systems  
and sanitary installations.**



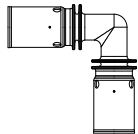
**Press coupling**

16 x 2.2 mm	x 16 x 2.2 mm	(10)	<b>1552543*</b>
20 x 2.8 mm	x 20 x 2.8 mm	(10)	<b>1552545*</b>



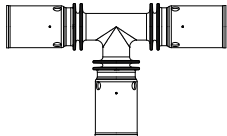
**Press reducing coupling**

20 x 2.8 mm	x 16 x 2.2 mm	(10)	<b>1552655*</b>
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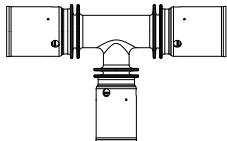
**Press elbow 90°**

16 x 2.2 mm	x 16 x 2.2 mm	(10)	<b>1552843*</b>
20 x 2.8 mm	x 20 x 2.8 mm	(10)	<b>1552845*</b>



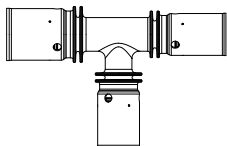
**Press T-piece**

16 x 2.2 x 16 x 2.2 x 16 x 2.2 mm	(10)	<b>1553043*</b>
20 x 2.8 x 20 x 2.8 x 20 x 2.8 mm	(10)	<b>1553045*</b>



**Press T-piece, reduced central port**

20 x 2.8 x 16 x 2.2 x 20 x 2.8 mm	(10)	<b>1553155*</b>
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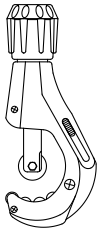


**Press T-piece, reduced central and straight port**

20 x 2.8 x 16 x 2.2 x 16 x 2.2 mm	(10)	<b>1553354*</b>
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Article	Article-No.	Hint
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**Tools**  
for PE-Xc plastic pipes "Copex" and  
press fittings "Cofit PHT"

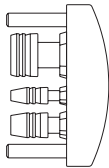


**Pipe cutter**  
with special cutting wheel

up to 32 mm diameter  
Spare cutting wheel

**1509580**  
**1509588**

For cutting the pipes at right angles, one tool  
for all diameters.  
Spare cutting wheel in the grip.  
For pipe cutter 1509580.



**Universal tool**  
for deburring and calibrating  
mandrels made of stainless steel

for pipes 16 x 2.2 mm  
for pipes 20 x 2.8 mm  
for pipes 25 x 3.5 mm  
for pipes 32 x 4.4 mm

**1569594\***

For calibrating and deburring the pipes at  
the same time.



**Press bits**

Type H 16 A,  
for pipe Ø 16 mm  
Type H 20 A,  
for pipe Ø 20 mm  
Type H 25 A  
for pipe Ø 25 mm  
Type H 32 A,  
for pipe Ø 32 mm

**1519491**  
**1519492**  
**1569493\***  
**1519494**

Suitable for use with the Oventrop press  
machines item no. 1519476 and 1519480. The  
Oventrop press bits may also be used with the  
press machines of the following companies:  
Geberit type PWH75, Klauke types UAP2,  
UAP3L, UP2EL, Mannesmann/Novopress  
types EFP2, ECO1, AFP2, ACO1,  
Polytherm, Rems, Roller, Rothenberger,  
Uponor/Unicor, Velta, Viega type 2.



**Press bits**  
for press machine 18 V (Li-ion rechargeable battery)

for pipe Ø 16 mm  
for pipe Ø 20 mm  
for pipe Ø 25 mm  
for pipe Ø 32 mm

**1519691**  
**1519692**  
**1569693\***  
**1519694**

Suitable for use with the Oventrop press  
machine 18 V (rechargeable battery)  
(item no. 1519681).