



Capillary Hoses

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CAPILLARY HOSES

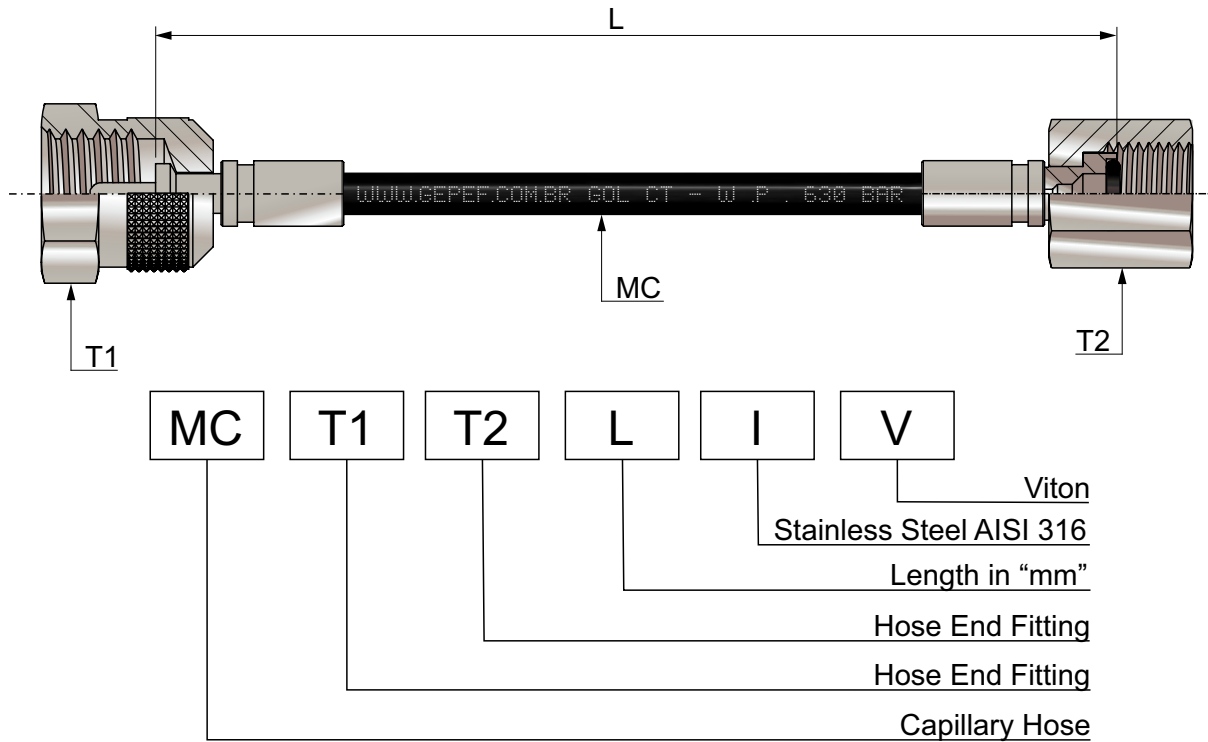
Capillary test hose specially developed for pressure measurement, diagnostic testing, monitoring and fluid transmission under high pressure.

The hose is dimensionally stable, free from deformation or volumetric variation, and provides excellent flexibility with a reduced bending radius, ensuring accuracy and reliability during pressure tests.

It is suitable for hydraulic and pneumatic diagnostic systems, pressure monitoring applications and functional testing.

The capillary test hose can be supplied with a wide range of ends of fittings manufactured in carbon steel or stainless steel.

All ends of fittings marketed by GEPEF are manufactured in-house. If the required configuration is not listed in this catalog, please contact our technical department.



Ø Internal Diameter	2 mm
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Nominal Working Pressure	630 bar / 9138 PSI
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Ø External Diameter	5 mm
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Minimum Burst Pressure	1890 bar / 27412 PSI
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Minimum Bending Radius	20 mm
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Operating Temperature Range	-40°C to +100°C / (-40°F to +212°F) - Maximum operating temperature with air, water and water-based fluids: +70°C (158°F)
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Weight	19
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Vacuum Rating	0.93 bar ; 700 mm Hg
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Coding example:

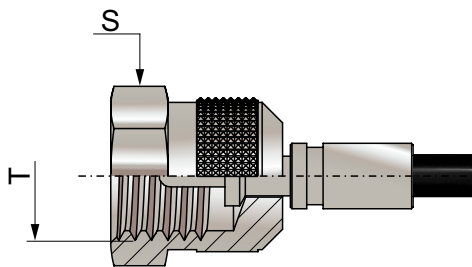
MC P M16x2 - E G1/4 BSP x 1.000mm (Capillary Hose with P M16x2 and E G1/4 BSP End Fittings, 1000 mm Length)

For AISI 316 stainless steel, add the letter I at the end of the code.

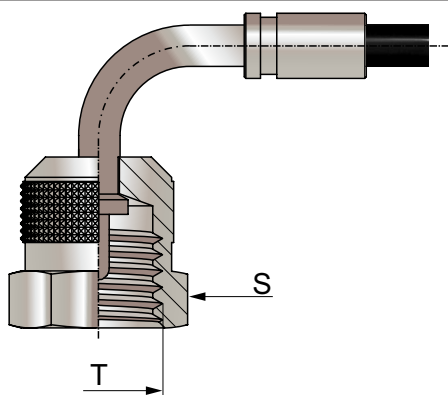
For Viton (FKM) or EPDM seals, add the letter V or E at the end of the code.

If another type of hose or fitting not listed in this catalog is required, please contact our technical department.

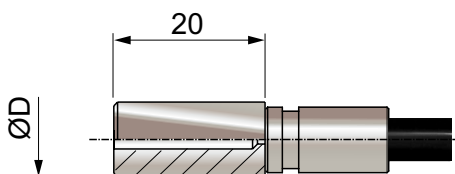
Technical Description	End of Fitting Type	Thread T	S	D
With pin to open and close the pressure test point valve	P	M16x2	19	
		M16x1,5	19	
		S12,65x1,5	5/8"	



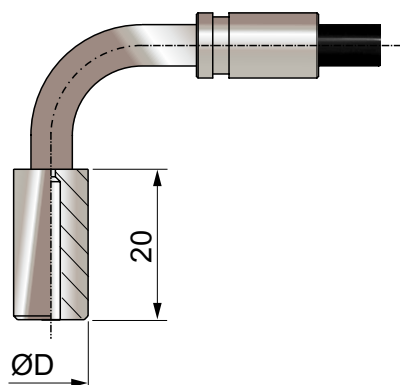
Technical Description	End of Fitting Type	Thread T	S	D
With pin to open and close the pressure test point valve	P 90°	M16x2	19	
		M16x1,5	19	
		S12,65x1,5	5/8"	



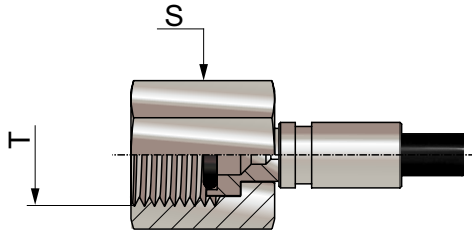
Technical Description	End of Fitting Type	Thread T	S	D
Straight Stub End DIN 2353	D			4
				6
				8
				10
				12
				1/4



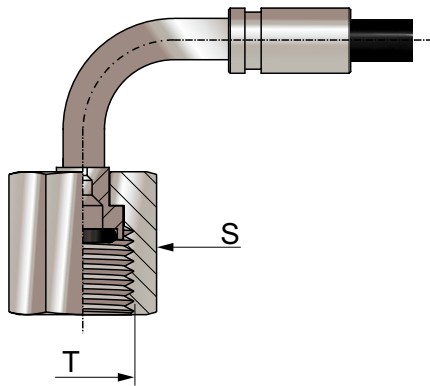
Technical Description	End of Fitting Type	Thread T	S	D
Straight Stub End DIN 2353	D 90°			4
				6
				8
				10
				12
				1/4



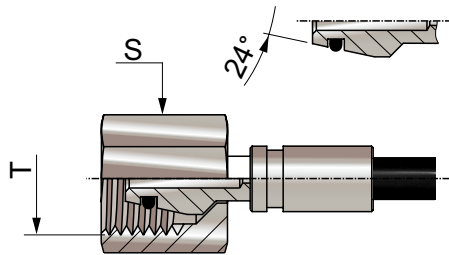
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female for pressure gauges (EN 837-1)	E	G1/4 BSP	17	
		G1/2 BSP	27	
		M20x1,5	24	
		M14x1,5	17	



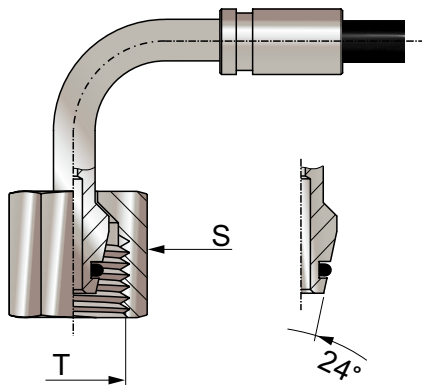
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female for pressure gauges (EN 837-1)	E 90°	G1/4 BSP	17	
		G1/2 BSP	27	
		M20x1,5	24	
		M14x1,5	17	



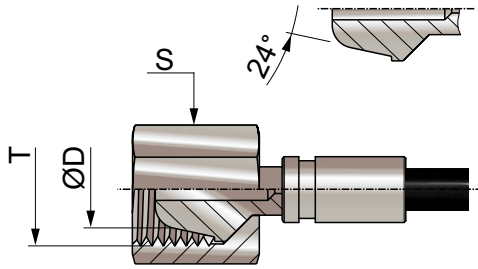
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female / DKO 24° DIN 2353	F	M8x1	10	4LL
		M10x1	14	5L
		M12x1,5	14	6L
		M14x1,5	17	8L
		M16x1,5	19	10L
		M18x1,5	22	12L
		M14x1,5	17	6S
		M16x1,5	19	8S
		M18x1,5	22	10S
M20x1,5	24	12S		



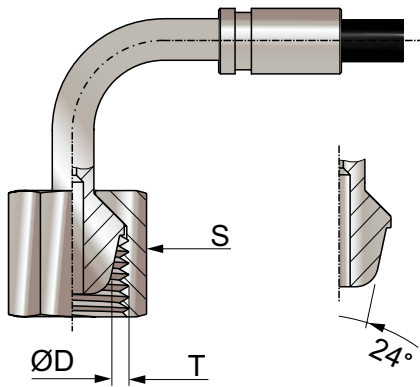
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female / DKO 24° DIN 2353	F 90°	M8x1	10	4LL
		M10x1	14	5L
		M12x1,5	14	6L
		M14x1,5	17	8L
		M16x1,5	19	10L
		M18x1,5	22	12L
		M14x1,5	17	6S
		M16x1,5	19	8S
		M18x1,5	22	10S
M20x1,5	24	12S		



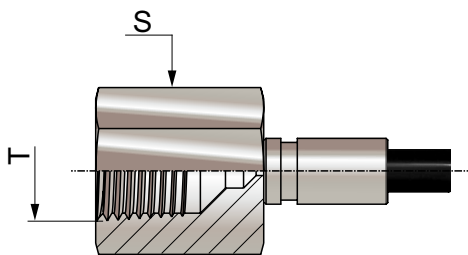
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female beaded DKO 24° DIN 2353	G	M8x1	10	4LL
		M10x1	14	5L
		M12x1,5	14	6L
		M14x1,5	17	8L
		M16x1,5	19	10L
		M18x1,5	22	12L
		M14x1,5	17	6S
		M16x1,5	19	8S
		M18x1,5	22	10S
		M20x1,5	24	12S



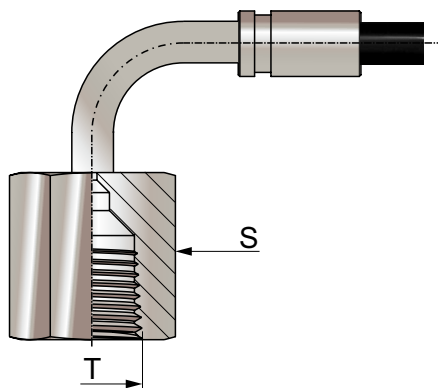
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female beaded DKO 24° DIN 2353	G 90°	M8x1	10	4LL
		M10x1	14	5L
		M12x1,5	14	6L
		M14x1,5	17	8L
		M16x1,5	19	10L
		M18x1,5	22	12L
		M14x1,5	17	6S
		M16x1,5	19	8S
		M18x1,5	22	10S
		M20x1,5	24	12S



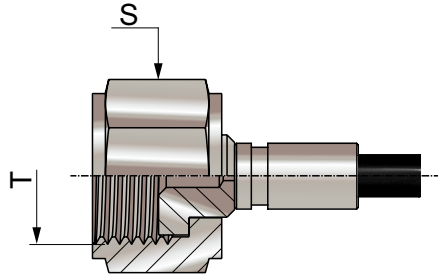
Technical Description	End of Fitting Type	Thread T	S	D
Fixed female NPT / BSPT ANSI / ASM E B 1.20.1 - NBR 12912	I	1/8 NPT	17	
		1/4 NPT	19	
		3/8 NPT	22	
		1/2 NPT	27	
		1/8 BSPT	17	
		1/4 BSPT	19	



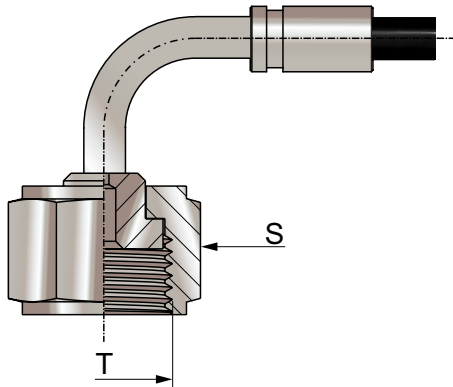
Technical Description	End of Fitting Type	Thread T	S	D
Fixed female NPT / BSPT ANSI / ASM E B 1.20.1 - NBR 12912	I 90°	1/8 NPT	17	
		1/4 NPT	19	



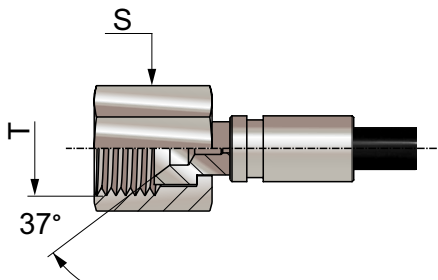
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female UNF-ORFS SAE J 1453 / ISO 8434-3	FS	9/16-18 UNF	19	
		11/16-16 UNF	22	



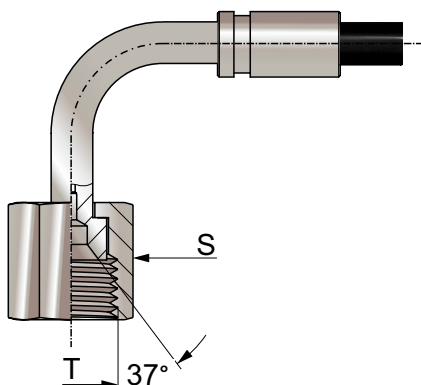
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female UNF-ORFS SAE J 1453 / ISO 8434-3	FS 90°	9/16-18 UNF	19	
		11/16-16 UNF	22	



Technical Description	End of Fitting Type	Thread T	S	D
Swivel female UNF - JIC SAE J514	C	5/16-24 UNF	7/16	1/8
		7/16-20 UNF	9/16	1/4
		1/2-20 UNF	5/8	5/16
		9/16-18 UNF	3/4	3/8



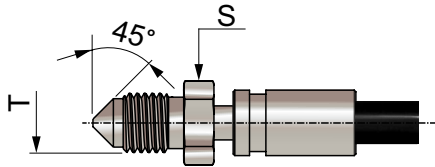
Technical Description	End of Fitting Type	Thread T	S	D
Swivel female UNF - JIC SAE J514	C 90°	5/16-24 UNF	7/16	1/8
		7/16-20 UNF	9/16	1/4
		1/2-20 UNF	5/8	5/16
		9/16-18 UNF	3/4	3/8



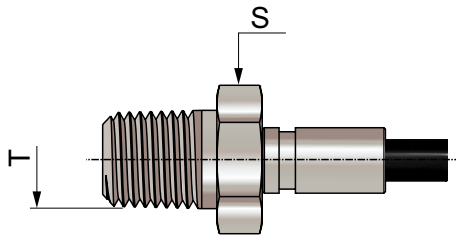
Technical Description	End of Fitting Type	Thread T	S	D
End of fitting with internal pin for pressure test point valve actuation	PE			



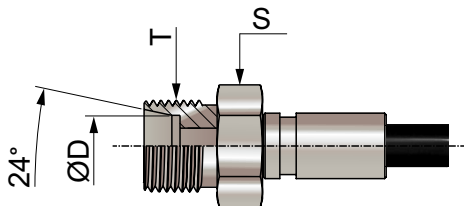
Technical Description	End of Fitting Type	Thread T	S	D
Metric swivel male	M	M8x1	3/8	



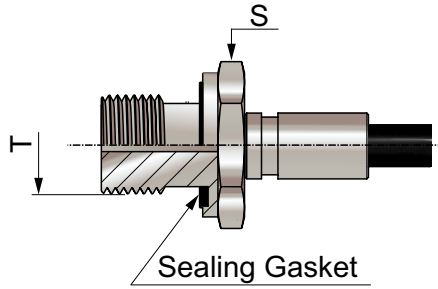
Technical Description	End of Fitting Type	Thread T	S	D
Fixed male NPT / BSPT ANSI / ASM E B 1.20.1 - NBR 12912	B	1/8 NPT	11	
		1/4 NPT	17	
		3/8 NPT	22	
		1/2 NPT	27	
		1/8 BSPT	14	
		1/4 BSPT	17	



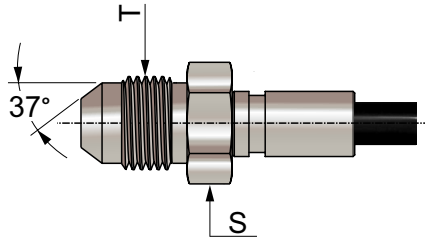
Technical Description	End of Fitting Type	Thread T	S	D
Fixed metric male 24° DIN 2353	H	M10x1	10	4
		M12x1,5	14	6
		M14x1,5	17	8
		M16x1,5	19	10



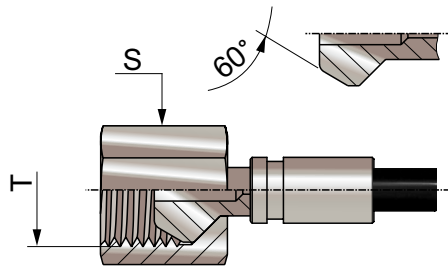
Technical Description	End of Fitting Type	Thread T	S	D
Fixed metric male / BSP ISO 1179-2 / Rosca BSP	K	M10x1	14	
		M12x1,5	17	
M14x1,5		19		
M16x1,5		22		
G1/8 BSP		14		
G1/4 BSP		19		
G1/2 BSP		27		



Technical Description	End of Fitting Type	Thread T	S	D
Fixed male UNF SAE J 514 (JIC)	J	5/16-24 UNF	1/2	1/8
		7/16-20 UNF	9/16	1/4
1/2-20 UNF		9/16	5/16	
9/16-18 UNF		11/16	3/8	

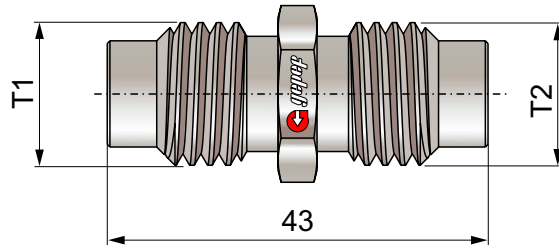
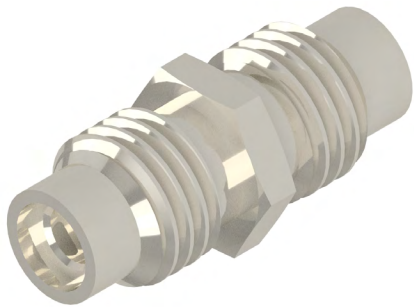


Technical Description	End of Fitting Type	Thread T	S	D
Swivel female BSP 60° Cone (ISO / DIS 8434-6)	DIS	G1/8 BSP	14	
		G1/4 BSP	17	
		G1/2 BSP	27	



AE - Adapter for connecting two capillary test hoses

Allows the connection of M16x2 / M16x2, M16x1.5 / M16x1.5 or M16x2 / M16x1.5 hoses.



Code	T1	T2
AE-M16x2	M16x2	M16x2
AE-M16x1,5	M16x1,5	M16x1,5
AE-M16x2 - AE-M16x1,5	M16x2	M16x1,5

Coding example:

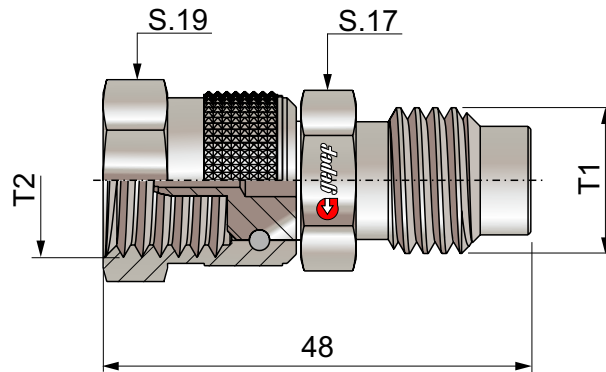
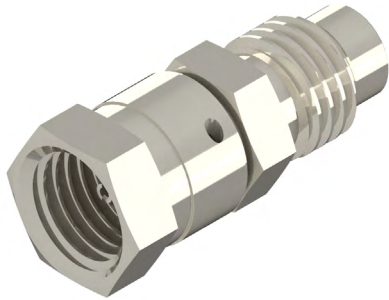
AE-M16x2 (Adapter for M16x2 Hose Splicing).

For AISI 316 stainless steel, add the letter I at the end of the code.

For Viton (FKM) or EPDM seals, add the letter V or E at the end of the code.

If you require a different adapter configuration not listed in this catalog, please contact our Technical Department.

ACMF - Conversion Adapter for "P" Type End Fittings - Refer to "Capillary Hoses".
 Allows the conversion of an M16x2 pressure test point connection to M16x1.5 and vice versa.



Code	T1	T2
ACMF 2/1,5	M16x2	M16x1,5
ACMF 1,5/2	M16x1,5	M16x2

Coding example:

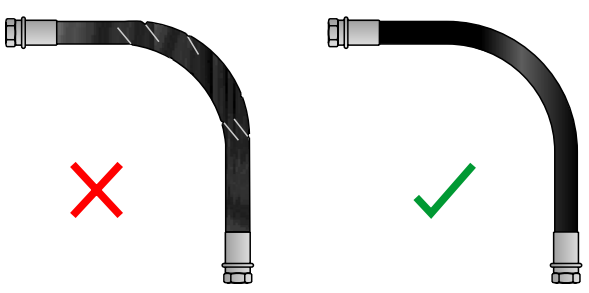
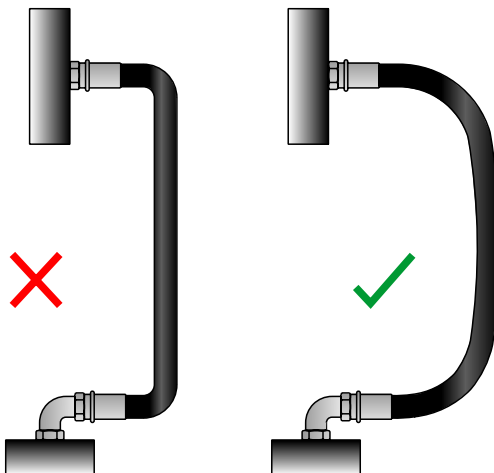
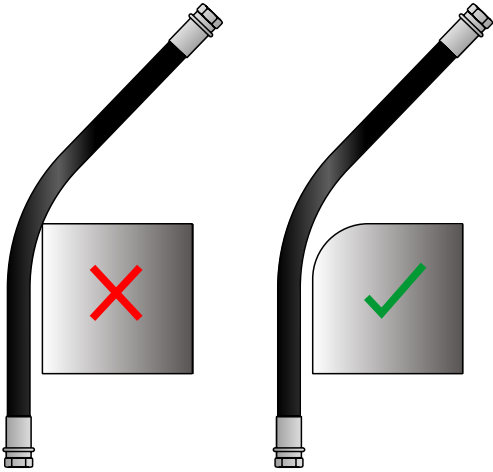
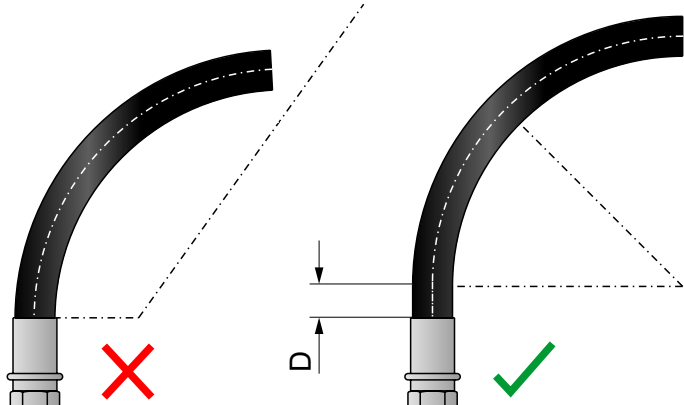
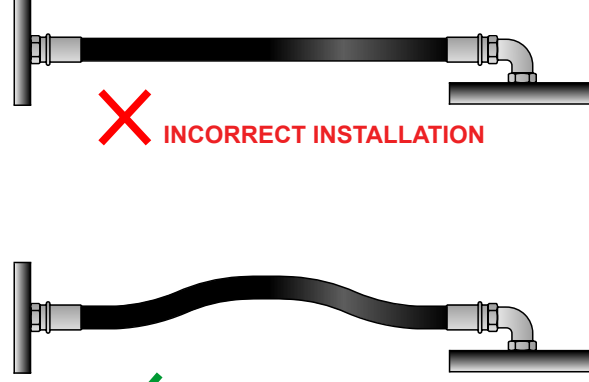
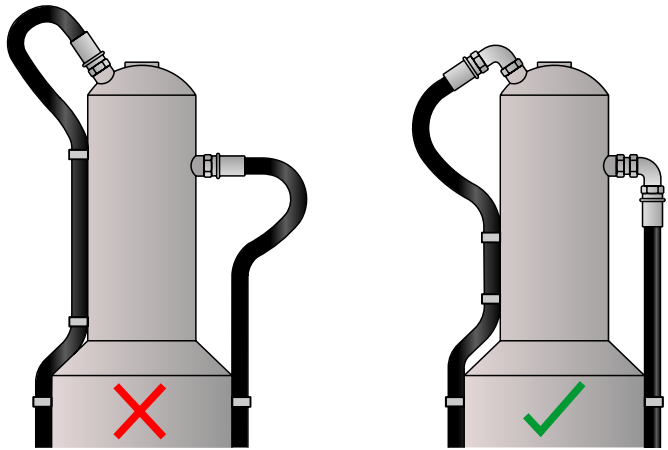
ACMF 2/1,5 (Conversion Adapter for "P" Type End Fittings, M16x2 Male Thread, M16x1.5 Female Thread).

For AISI 316 stainless steel, add the letter I at the end of the code.

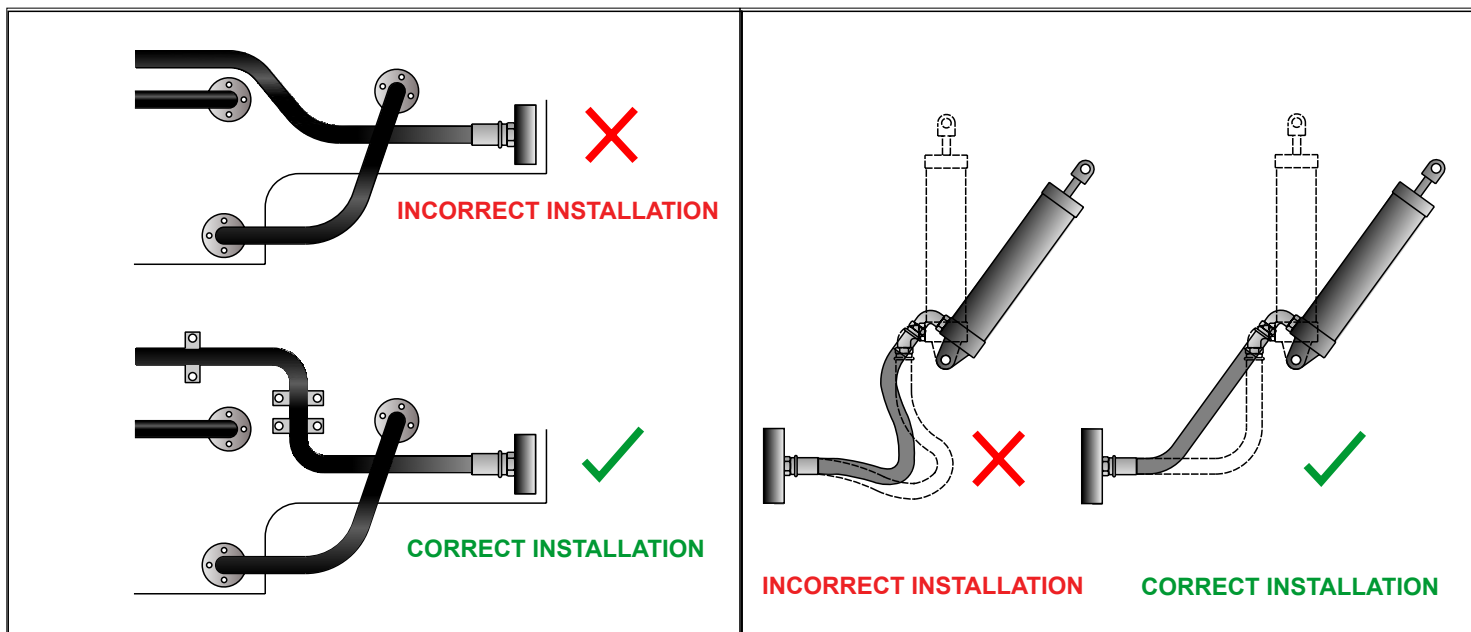
For Viton (FKM) or EPDM seals, add the letter V or E at the end of the code.

If you require a different adapter configuration not listed in this catalog, please contact our Technical Department.

INSTALLATION INSTRUCTIONS (SAE J1273 - ISO 8331)


 <p>INCORRECT INSTALLATION CORRECT INSTALLATION</p>	 <p>INCORRECT INSTALLATION CORRECT INSTALLATION</p>
 <p>INCORRECT INSTALLATION CORRECT INSTALLATION</p>	 <p>INCORRECT INSTALLATION CORRECT INSTALLATION</p>
 <p>INCORRECT INSTALLATION CORRECT INSTALLATION</p>	 <p>INCORRECT INSTALLATION CORRECT INSTALLATION</p>

INSTALLATION INSTRUCTIONS (SAE J1273 - ISO 8331)






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