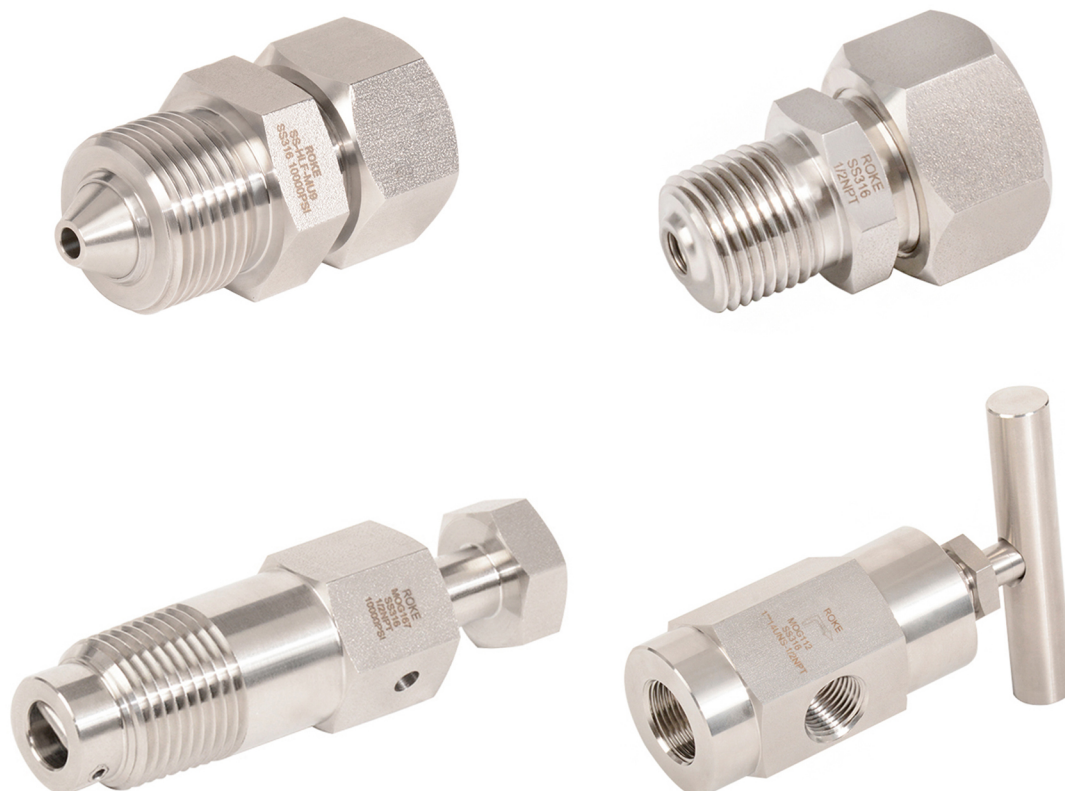


Grease Fittings



ROKE
Valves ,Fittings and Tubing

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Vented Cap Body Grease Fittings

VCG Series

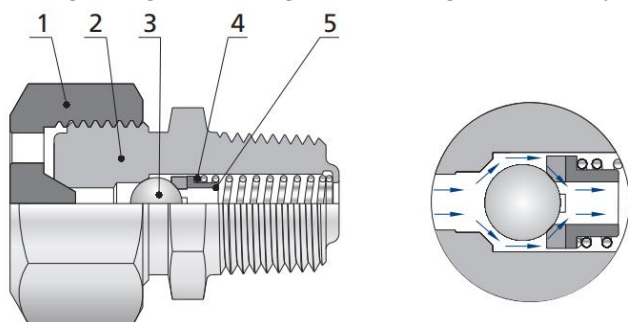
Features

- Maximum working pressure: 690 bar (10,000 psig)
- All-metal construction, applicable in both high and low temperature environments
- The standard material is SS 316, complies with NACE MR0175. Other materials can be provided according to user requirements

Standard Materials of Construction

1. Positive Flow (PF) :

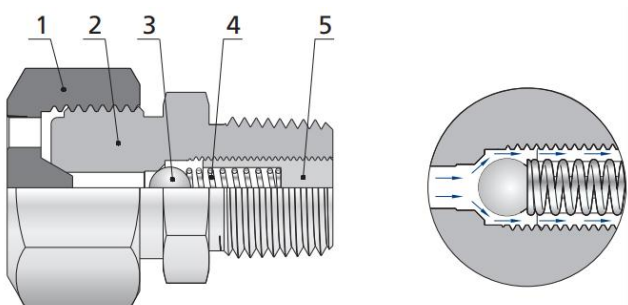
When the ball is off the body, the lubricant or sealant shall flow through the center of the spring, without flowing through the spring coil, reducing the tendency to "pack-off"



NO.	Component	Material
1	Vent Cap	SS 316/A479
2	Body	SS 316/A479
3	Ball	440C/A276
4	Spring	X-750/AMS 5699
5	Spring Seat	SS 316/A479

2. Free Flow (FF) :

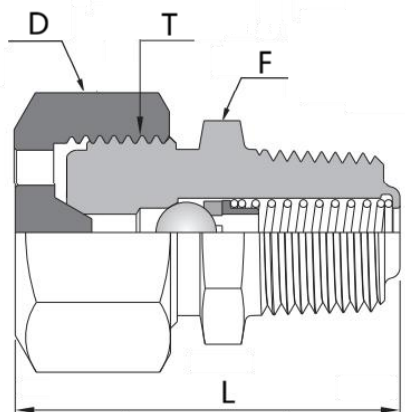
When the ball is off the body, the lubricant or sealant shall flow around the spring and through the opening on the sides of the retainer, to allow increased flow rates.



NO.	Component	Material
1	Vent Cap	SS 316/A479
2	Body	SS 316/A479
3	Ball	440C/A276
4	Spring	X-750/AMS 5699
5	Retainer	SS 316/A479

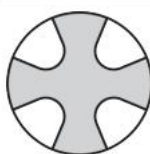
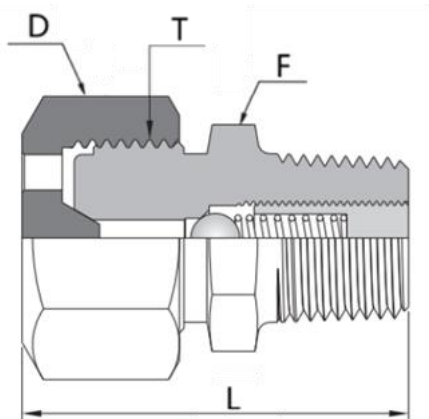
Dimensions

1. Positive Flow (PF) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)			
		D	F	L	T
-VCG-MN4-PF	1/4" NPT Male	1.25 (31.8)	1.00 (25.4)	1.91 (48.6)	1" -14 UNS
-VCG-MN6-PF	3/8" NPT Male	1.25 (31.8)	1.00 (25.4)	1.95 (49.6)	1" -14 UNS
-VCG-MN8-PF	1/2" NPT Male	1.25 (31.8)	1.00 (25.4)	1.97 (50.1)	1" -14 UNS
-VCG-MN12-PF	3/4" NPT Male	1.25 (31.8)	1.13 (28.6)	1.97 (50.1)	1" -14 UNS
-VCG-MN16-PF	1" NPT Male	1.25 (31.8)	1.31 (33.3)	2.36 (60.0)	1" -14 UNS

2. Free Flow (FF) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)			
		D	F	L	T
-VCG-MN4-FF	1/4" NPT Male	1.25 (31.8)	1.00 (25.4)	1.91 (48.6)	1" -14 UNS
-VCG-MN6-FF	3/8" NPT Male	1.25 (31.8)	1.00 (25.4)	1.95 (49.6)	1" -14 UNS
-VCG-MN8-FF	1/2" NPT Male	1.25 (31.8)	1.00 (25.4)	1.97 (50.1)	1" -14 UNS
-VCG-MN12-FF	3/4" NPT Male	1.25 (31.8)	1.13 (28.6)	1.97 (50.1)	1" -14 UNS
-VCG-MN16-FF	1" NPT Male	1.25 (31.8)	1.31 (33.3)	2.17 (55.0)	1" -14 UNS

VHG Series

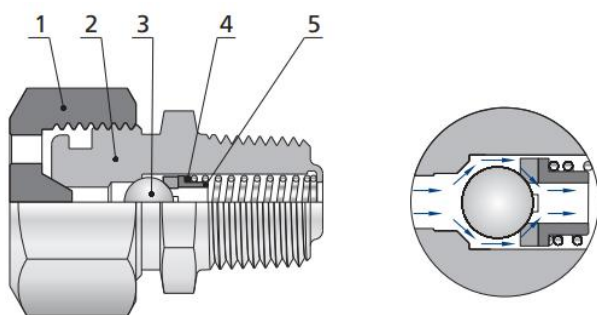
Features

- Maximum working pressure: 690 bar (10,000 psig)
- Giant button head design offers the flexibility of connecting to the fittings in both Slip-On or Thread-On methods
- All-metal construction, applicable in both high and low temperature environments
- The standard material is SS 316, complies with NACE MR0175. Other materials can be provided according to user requirements

Standard Materials of Construction

1. Positive Flow (PF) :

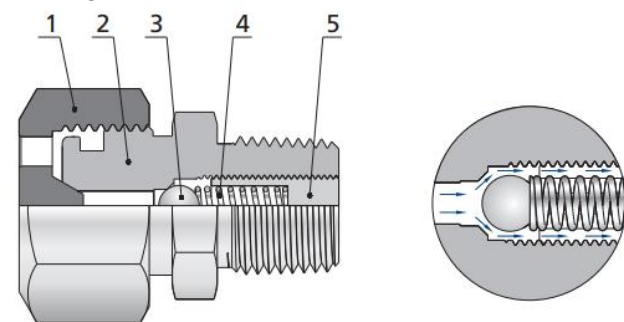
When the ball is off the body, the lubricant or sealant shall flow through the center of the spring, without flowing through the spring coil, reducing the tendency to "pack-off"



NO.	Component	Material
1	Vent Cap	SS 316/A479
2	Body	SS 316/A479
3	Ball	440C/A276
4	Spring	X-750/AMS 5699
5	Spring Seat	SS 316/A479

2. Free Flow (FF) :

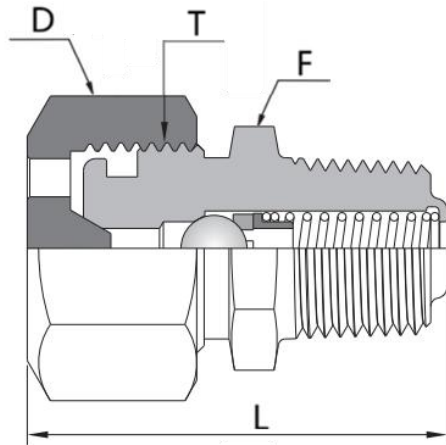
When the ball is off the body, the lubricant or sealant shall flow around the spring and through the opening on the sides of the retainer, to allow increased flow rates.



NO.	Component	Material
1	Vent Cap	SS 316/A479
2	Body	SS 316/A479
3	Ball	440C/A276
4	Spring	X-750/AMS 5699
5	Retainer	SS 316/A479

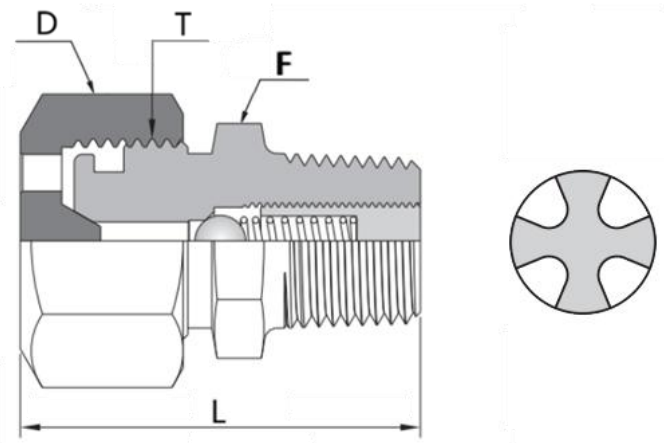
Dimensions

1. Positive Flow (PF) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)			
		D	F	L	T
-VHG-MN4-PF	1/4" NPT Male	1.25 (31.8)	1.00 (25.4)	1.91 (48.6)	1" -14 UNS
-VHG-MN6-PF	3/8" NPT Male	1.25 (31.8)	1.00 (25.4)	1.95 (49.6)	1" -14 UNS
-VHG-MN8-PF	1/2" NPT Male	1.25 (31.8)	1.00 (25.4)	1.97 (50.1)	1" -14 UNS
-VHG-MN12-PF	3/4" NPT Male	1.25 (31.8)	1.13 (28.6)	1.97 (50.1)	1" -14 UNS
-VHG-MN16-PF	1" NPT Male	1.25 (31.8)	1.31 (33.3)	2.36 (60.0)	1" -14 UNS

2. Free Flow (FF) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)			
		D	F	L	T
-VHG-MN4-FF	1/4" NPT Male	1.25 (31.8)	1.00 (25.4)	1.91 (48.6)	1" -14 UNS
-VHG-MN6-FF	3/8" NPT Male	1.25 (31.8)	1.00 (25.4)	1.95 (49.6)	1" -14 UNS
-VHG-MN8-FF	1/2" NPT Male	1.25 (31.8)	1.00 (25.4)	1.97 (50.1)	1" -14 UNS
-VHG-MN12-FF	3/4" NPT Male	1.25 (31.8)	1.13 (28.6)	1.97 (50.1)	1" -14 UNS
-VHG-MN16-FF	1" NPT Male	1.25 (31.8)	1.31 (33.3)	2.17 (55.0)	1" -14 UNS

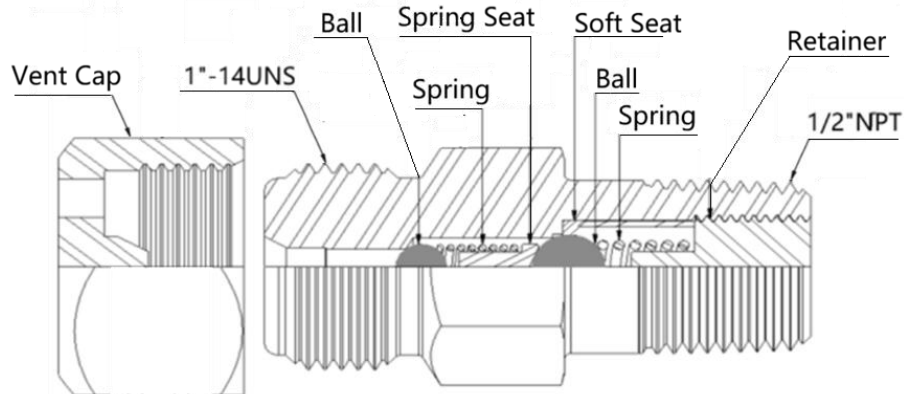
Double Ball Grease Fittings

DB Series

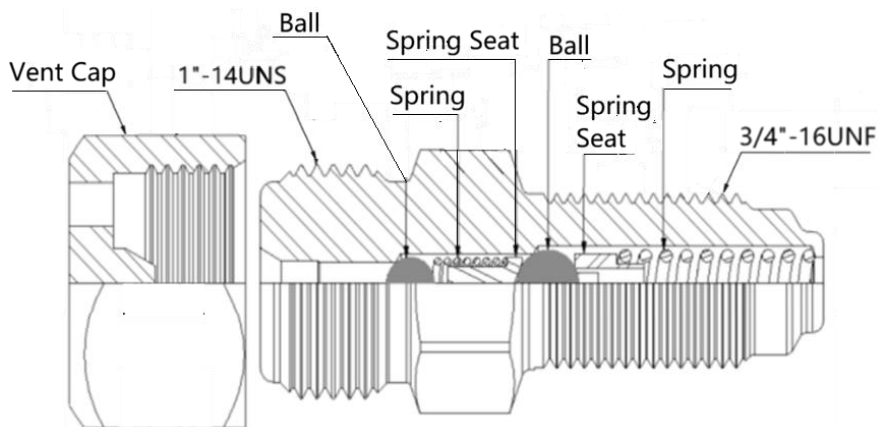
Features

- Maximum working pressure: 690 bar (10,000 psig)
- All-metal construction, applicable in both high and low temperature environments
- The standard material is SS 316, complies with NACE MR0175
- Double Ball Fittings Can Only Be Used With Pressure Relief Tool (PRT)

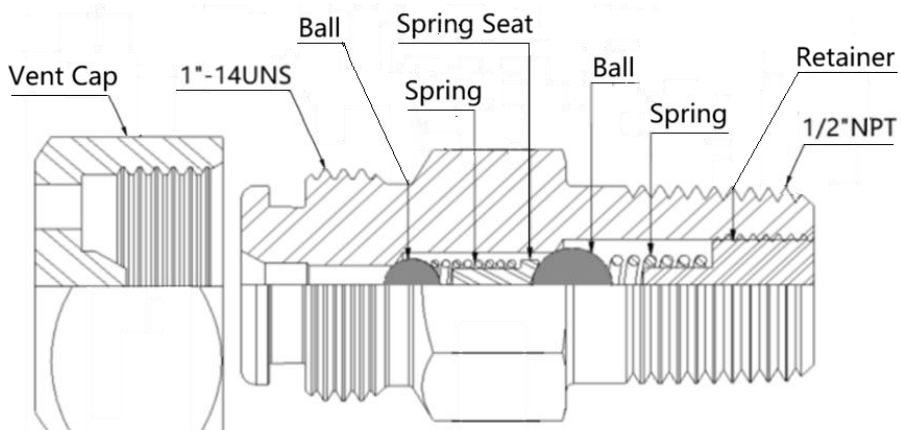
DB Series -VCG, Ordering NO.: -DB-VCG-MN8



DB Series -VCG, Ordering NO.: -DB-VCG-MU12



DB Series -VHG, Ordering NO.: -DB-VHG-MN8



High Pressure Lubrication and Sealant Fittings

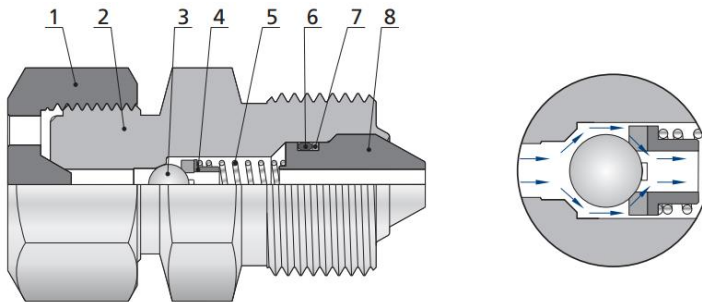
HLF Series

Features

- ⊙ Maximum working pressure: 1379 bar (20000 psig)
- ⊙ Floating style design to prevent galling

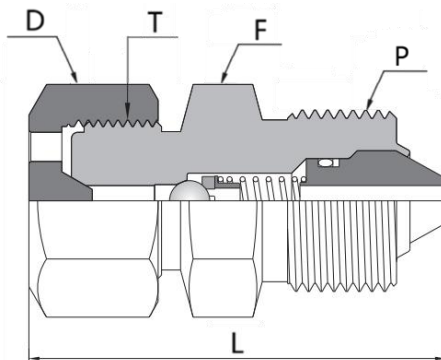
Standard Materials of Construction

When the ball is off the body, the lubricant or sealant shall flow through the center of the spring, without flowing through the spring coil, reducing the tendency to "pack-off".



NO.	Component	Material	
		17-4 PH	Super Duplex2507
1	Vent Cap	SS 316/A479	S32570/A479
2	Body	S17400/A564	S32570/A479
3	Ball	Tungsten Carbide	Tungsten Carbide
4	Spring Seat	S17400/A564	S32570/A479
5	Spring	X-750/AMS 5699	X-750/AMS 5699
6	O-ring	FKM	FKM
7	Backup Ring	PTFE/D 1710	PTFE/D 1710
8	Floating Cone	SS 316/A479	S32570/A479

Dimensions



Ordering Number	Connection Type and Size	Dimension, in.(mm)				
		D	F	L	P	T
-HLF-MU9	9/16" Male High Pressure	1.25 (31.8)	1.25 (31.8)	2.59 (65.8)	1.1/8" -14 UNF	1" -14 UNS

Packing Injection Fittings

PIF Series

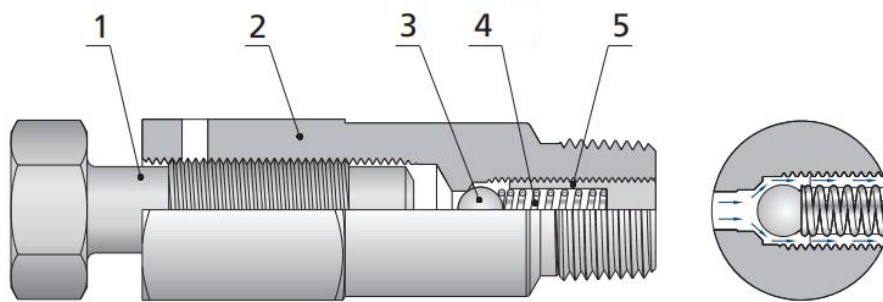
Features

- Maximum working pressure: 690 bar (10,000 psig)
- All-metal construction, applicable in both high and low temperature environments
- The standard material is SS 316, complies with NACE MR0175. Other materials can be provided according to user requirements

Standard Materials of Construction

1. Positive Flow (PF) :

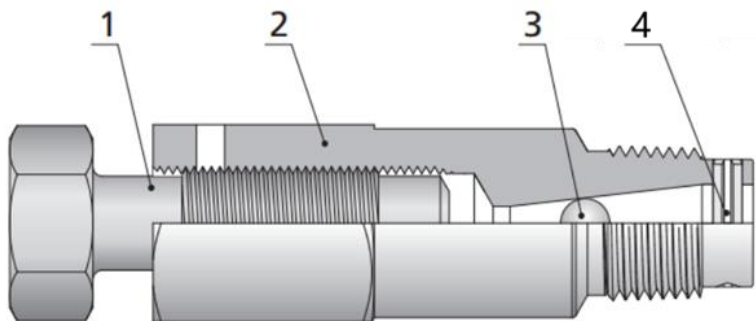
When the ball is off the body, the lubricant or sealant shall flow through the center of the spring, without flowing through the spring coil, reducing the tendency to "pack-off"



NO.	Component	Material
1	Screw	SS 316/A479
2	Body	SS 316/A479
3	Ball	440C/A276
4	Spring	X-750/AMS 5699
5	Spring Round Pin	SS 316/A479

2. Free Flow (FF) :

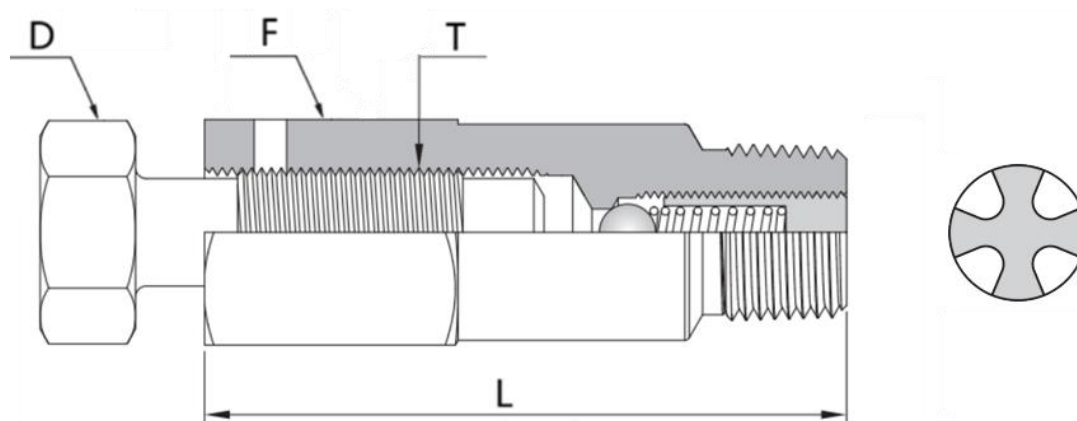
When the ball is off the body, the lubricant or sealant shall flow around the spring and through the opening on the sides of the retainer, to allow increased flow rates.



NO.	Component	Material
1	Screw	SS 316/A479
2	Body	SS 316/A479
3	Ball	440C/A276
4	Pin	SS 316/A479

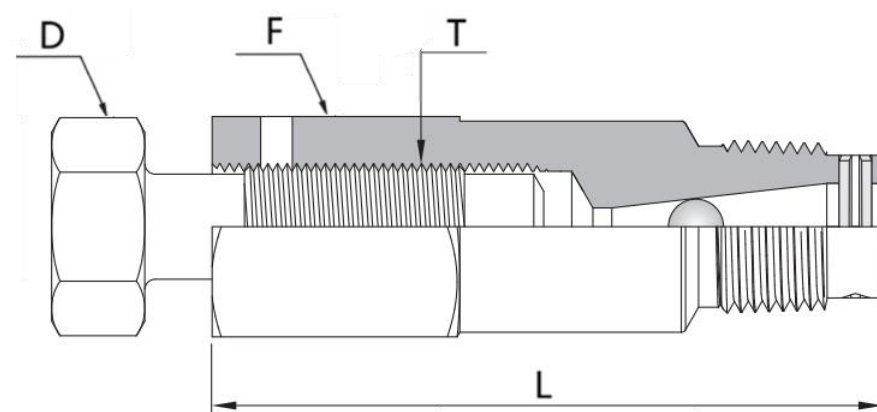
Dimensions

1. Positive Flow (PF) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)			
		D	F	L	T
-PIF-MN4-FF	1/4" NPT Male	0.75 (19.1)	0.88 (22.2)	2.49 (63.3)	1/2" -20 UNF
-PIF-MN6-FF	3/8" NPT Male	0.75 (19.1)	0.88 (22.2)	2.49 (63.3)	1/2" -20 UNF
-PIF-MN8-FF	1/2" NPT Male	0.75 (19.1)	0.88 (22.2)	2.49 (63.3)	1/2" -20 UNF

2. Free Flow (FF) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)			
		D	F	L	T
-PIF-MN4-FB	1/4" NPT Male	0.75 (19.1)	0.88 (22.2)	2.34 (59.5)	1/2" -20 UNF
-PIF-MN6-FB	3/8" NPT Male	0.75 (19.1)	0.88 (22.2)	2.43 (61.8)	1/2" -20 UNF
-PIF-MN8-FB	1/2" NPT Male	0.75 (19.1)	0.88 (22.2)	2.34 (59.5)	1/2" -20 UNF

Body Vent Bleeder Fittings

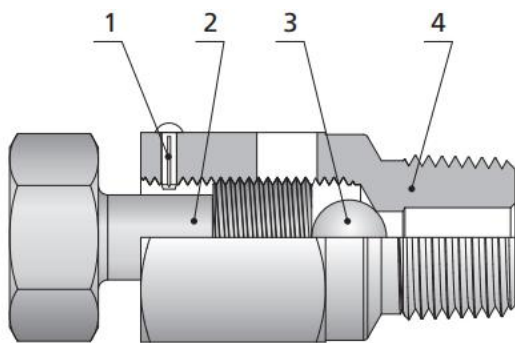
VBF Series

Features

- Maximum working pressure: 690 bar (10,000 psig)
- All-metal construction, applicable in both high and low temperature environments
- The standard material is SS 316, complies with NACE MR0175. Other materials can be provided according to user requirements

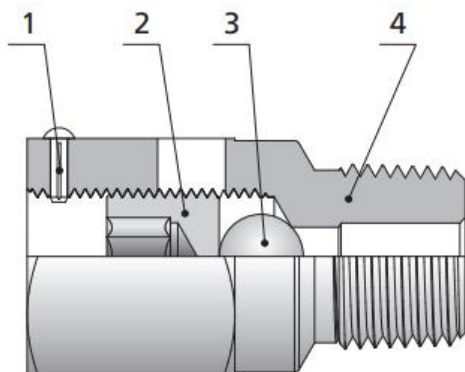
Standard Materials of Construction

1. Standard Hex (SH) :



NO.	Component	Material
1	Round Head Grooved Pin	SS 316/A479
2	Screw	SS 316/A479
3	Ball	440C/A276
4	Body	SS 316/A479

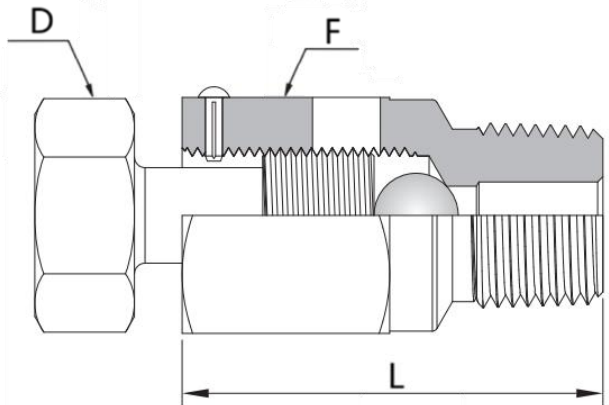
2. Sunk Screw (SS) :



NO.	Component	Material
1	Round Head Grooved Pin	SS 316/A479
2	Screw	SS 316/A479
3	Ball	440C/A276
4	Body	SS 316/A479

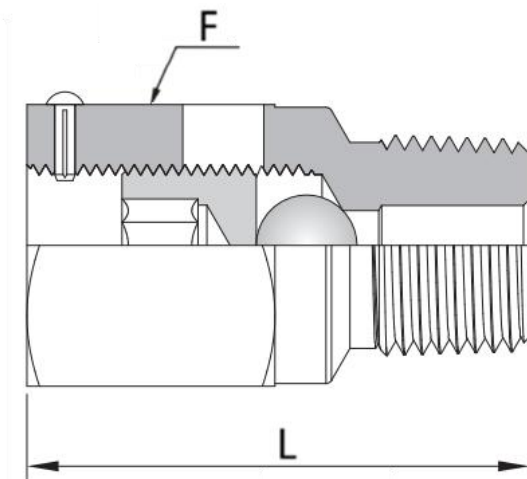
Dimensions

1. Standard Hex (SH) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)		
		D	F	L
-VBF-MN4-SH	1/4" NPT Male	0.75 (19.1)	0.88 (22.2)	1.63 (41.3)
-VBF-MN6-SH	3/8" NPT Male	0.75 (19.1)	0.88 (22.2)	1.56 (39.7)
-VBF-MN8-SH	1/2" NPT Male	0.75 (19.1)	0.88 (22.2)	1.50 (38.1)
-VBF-MN12-SH	3/4" NPT Male	0.75 (19.1)	1.13 (28.6)	1.63 (41.3)
-VBF-MN16-SH	1" NPT Male	0.81 (20.6)	1.31 (33.3)	2.19 (55.6)
-VBF-MN20-SH	1.1/4" NPT Male	0.88 (22.2)	1.75 (44.5)	2.31 (58.7)
-VBF-MN24-SH	1.1/2" NPT Male	0.88 (22.2)	2.00 (50.8)	2.63 (66.7)

2. Sunk Screw (SS) :



Ordering Number	Connection Type and Size	Dimension, in.(mm)	
		F	L
-VBF-MN4-SS	1/4" NPT Male	0.88 (22.2)	1.63 (41.3)
-VBF-MN6-SS	3/8" NPT Male	0.88 (22.2)	1.56 (39.7)
-VBF-MN8-SS	1/2" NPT Male	0.88 (22.2)	1.50 (38.1)
-VBF-MN12-SS	3/4" NPT Male	1.13 (28.6)	1.63 (41.3)

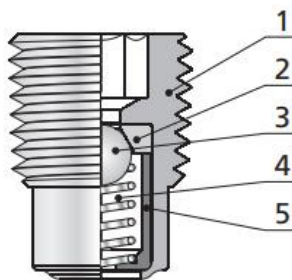
Internal Check Fittings

ICF Series

Features

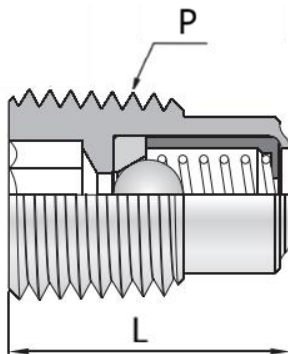
- Maximum working pressure: 690 bar (10000 psig)
- Soft seat design ensures reliable sealing performance
- The standard material is SS 316, complies with NACE MR0175. Other materials can be provided according to user requirements

Standard Materials of Construction



NO.	Component	Material
1	Body	SS 316/A479
2	Soft Seat	PTFE
3	Ball	440C/A276
4	Spring	X-750/AMS 5699
5	Retainer	SS 316/A479

Dimensions



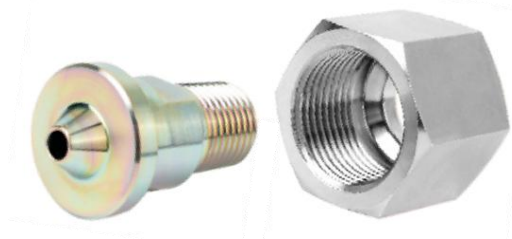
Ordering Number	Connection Type and Size P	L
-ICF-MN4	1/4" NPT Male	0.75 (19.1)
-ICF-MN6	3/8" NPT Male	0.87 (22.2)
-ICF-MN8	1/2" NPT Male	0.94 (23.8)

Fittings Accessories

1. Grease Gun Lube Adapter (GLA)

Features

- ⊗ Maximum working pressure: 690 bar (10000 psig)
- ⊗ Adapts to grease gun via 1/4" NPT male threads



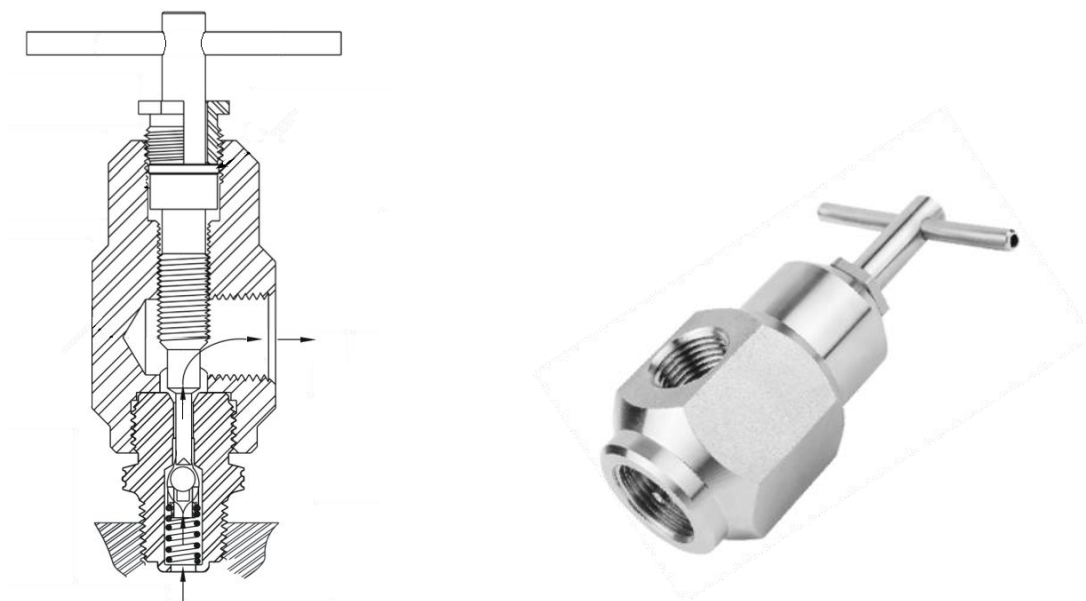
Dimensions

Ordering Number	Connection Type and Size	Nut Thread Size	Material	
			Nut	Adapter
SS-GLA-MN4	1/4" NPT Male	1" -14UNS	SS 316/A479	4140/A29
C41-GLA-MN4	1/4" NPT Male	1" -14UNS	4140/A29	4140/A29

2. Pressure Relief Tools (PRT)

Features

- ⊗ Maximum working pressure: 690 bar (10000 psig)
- ⊗ For 1" - 14 UNS vented cap fittings



Dimensions

Ordering Number	Vent Port Size	Nut Thread Size	Material
SS-PRT-FN8	1/2" NPT Male	1" -14UNS	SS 316/A479

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