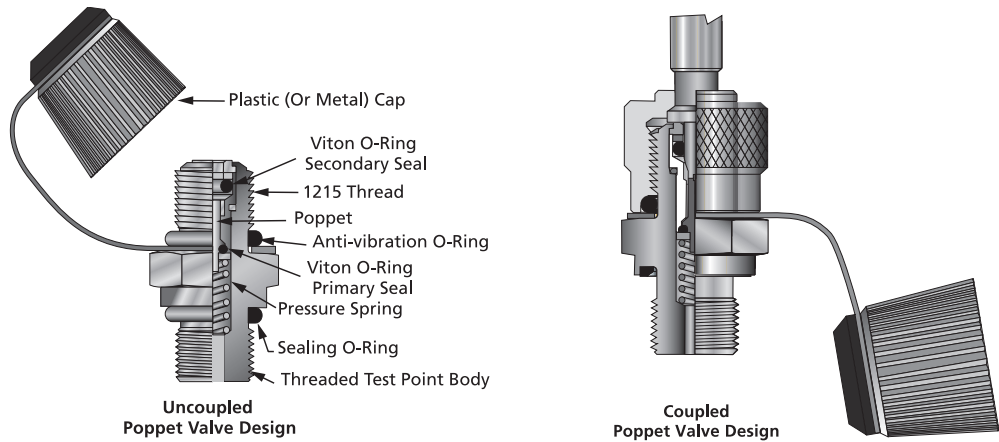


# Schroeder Check® Test Point System

## Test Points



## Description

Schroeder Check® test points provide a fast, easy, and safe way to test pressures up to 10,000 psi (680 bar) in hydraulic or pneumatic systems under operation. They are available in both 1215 (M12 x 1.5 reverse buttress) and 1620 (M16 x 2.0) connection threads with a variety of screw-in port threads. The standard poppet style shown above features a primary seal and a secondary seal, both Viton®, providing for absolute sealing of fluid or gaseous media. This design allows connection by hand at pressures up to 10,000 psi (680 bar) without any loss of fluid. Plastic caps are standard on 1215 test points, while metal caps with anti-vibration O-rings are standard on 1620 test points.

In addition to functioning as a secure access point for checking pressure, they can also effectively be used to obtain oil samples for subsequent testing or to bleed air from a hydraulic system. Schroeder Check® test points can be used in conjunction with the gauge adapters, pressure gauges, Microflex hoses and pressure gauge test kits on the following pages.

## Features

- No Mess  
No-leak design means sealing is complete before connection is made to hydraulic system.
- No Tools  
Simply hand tighten gauge, transducer or hose adapter onto Schroeder Check test points under full pressure to 10,000 psi (680 bar).
- No Contamination  
Proper use of test points eliminates the introduction of contaminants into a hydraulic system.

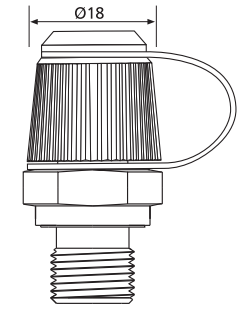
## Applications

- Fluid sampling
- Air bleeding
- Accumulator charging
- Connection for diagnostic products

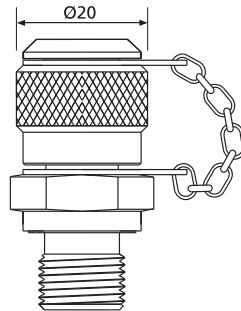
## Specifications

Maximum Working Pressure:	10,000 psi (680 bar)
Materials:	Standard Body: S12L14 AS 1442 (AISI-SAE composition)
	Metal Cap: S12L14 AS 1442 (AISI-SAE composition)
	Poppet: S12L14 AS 1442 (AISI-SAE composition)
	Secondary Seal: Viton
	Ball: Hard Chrome
	Seat: Stainless Steel 316
Operating Temperature Range:	-22°F to +275°F (-30°C to +135°C)
Optional materials include stainless steel body and stainless steel poppet.	

# Schroeder Check® Test Point System



Test Point with plastic cap



Test Point with metal cap

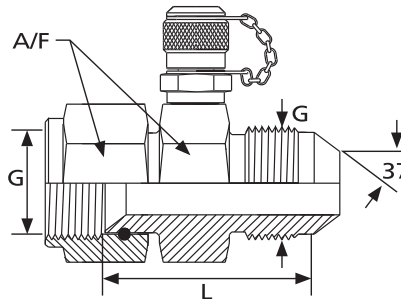
G Thread	Sealing System	Part Number
1/8" NPT	Thread	SP1215NPT18VP SP1620NPT18VM
1/4" NPT	Thread	SP1215NPT14VP SP1215NPT14VSSM SP1620NPT14VM
5/16"-24 UNF	Viton O-Ring	SP1215UN516VP SP1215UN716VM
7/16"-20 UNF	Viton O-Ring	SP1215UN716VP SP1620UN716VM SP1215UN716VSSM
9/16"-18 UNF	Viton O-Ring	SP1215UN916VP SP1620UN916VM
1/8" BSPP	WD Seal NBR	SP1620G18WDM
1/4" BSPP	WD Seal NBR	SP1215G14WDP SP1620G14WDM
7/16" JIC	Viton Seal	SP1215JIC716FP
9/16" JIC	Viton Seal	SP1215JIC916FP

SP = Test point with poppet valve; SS = Stainless Steel; P = Plastic Cap; M = Metal Cap; FP = Female Poppet

All Test Points have Viton seals

Preferred order codes designate shorter lead times and faster delivery.

JIC according to SAE J514.  
Male/female threads of the same size.



G Thread	Tube/Pipe dia	ΔP (max) psi (bar)	L in (mm)	A/F in (mm)	Part Number
7/16"-20 UNF	1/4"	4500 (315)	1.38 (35)	.51 (13)	SP1215L04JICP SP1620L04JICM
9/16"-18 UNF	3/8"	4500 (315)	1.38 (35)	.63 (16)	SP1215L06JICP SP1620L06JICM
3/4"-16 UNF	1/2"	4500 (315)	1.50 (38)	.83 (21)	SP1215L08JICVP SP1620L08JICM
1-1/16"-12 UNF	3/4"	4500 (315)	1.89 (48)	1.06 (27)	SP1215L12JICVP SP1620L12JICM
1-5/16"-12 UNF	1"	4500 (315)	1.97 (50)	1.38 (35)	SP1215L16JICP SP1620L16JICM

Preferred order codes designate shorter lead times and faster delivery.

## JIC Male/Female In-Line Test Points

TCM  
TCM-FC  
TSU  
TMU  
TPM  
TIM  
TMS  
CTU  
TWS-C  
ET-100-6  
HMG 3000  
EPK  
HTB  
GS  
Trouble Check Plus

### Test Points

Adapters  
Hose Joiners  
Microflex Hose  
Pressure Limiters  
Pressure Gauges  
Test Kits  
Probalizer  
Filtration Station  
MFS, MFD  
AMS, AMD  
KLS, KLD  
AKS, AKD  
KLC  
X Series  
MTS  
HFS  
SVD  
TDS-A  
TDS-E  
IXU  
Appendix

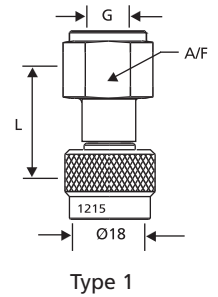
# Schroeder Check® Test Point System

## Direct Gauge Adapters

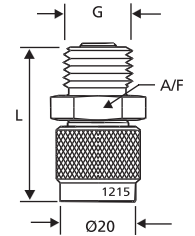
There is no internal check valve in these parts. They are used to connect gauges and pressure transducers directly onto test points without use of Schroeder Microflex hose.

G Thread	Type	$\Delta P$ (max) psi (bar)	L in (mm)	A/F in (mm)	Part Number
1/4" NPT	1	10,000 (680)	0.83 (21)	0.75 (19)	S1215DCNPT14 S1215DCNPT14SS S1620DCNPT14
1/4" BSPP	1	10,000 (680)	0.83 (21)	0.75 (19)	S1215DCG14CU S1620DCG14CU
7/16" UNF	1	10,000 (680)	0.83 (21)	0.75 (19)	S1215DCUN716 S1620DCUN716
1/4" NPT	2	10,000 (680)	0.83 (21)	0.75 (19)	S1215DCMNPT14

Preferred order codes designate shorter lead times and faster delivery.



Type 1



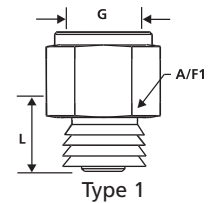
Type 2

## Gauge to Hose Adapters

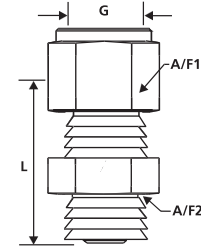
There is no internal check valve in this arrangement. Type 1 is for direct connection of gauge to hose. Type 2 is for bulkhead connection of gauge to hose with bulkhead mounting.

G Thread	Type	Gauge Seal	L in (mm)	A/F1 in (mm)	A/F2 in (mm)	Part Number
1/4" NPT	1	Thread	1.34 (34)	0.75 (19)	—	S1215GANPT14 S1620GANPT14

Preferred order codes designate shorter lead times and faster delivery.



Type 1



Type 2

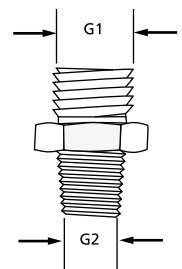
## Change-Over Adapters

There is no internal check valve in this arrangement.

G1 Thread	G2 Thread	Part Number
M12 x 1.5	1/8" NPT Male	S1215NPT18P
M12 x 1.5	1/4" NPT Male	S1215NPT14
M12 x 1.5	1/4" NPT Male	S1215NPT14P

P = Plastic Cap

Preferred order codes designate shorter lead times and faster delivery.



## Hose Joiners

G Thread	$\Delta P$ (max) psi (bar)	L in (mm)	A/F in (mm)	Part Number
System 1215	10,000 (680)	1.54 (39)	0.55 (14)	SJ1215
System 1620	10,000 (680)	1.54 (39)	0.55 (14)	SJ1620

Preferred order codes designate shorter lead times and faster delivery.

