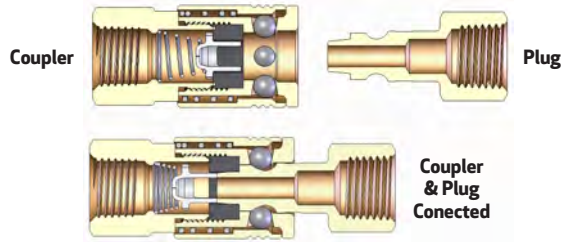


SCHRADER INDUSTRIAL PRODUCTS CATALOG

▶▶ COUPLERS & PLUGS



COUPLERS AND PLUGS



Couplers & Plugs

Quick Disconnect couplers are the fastest, easiest, and the most reliable means of joining pneumatic and fluid transfer lines. All quick disconnect couplers work on the same principle:

- Hardened balls or pins engage a groove in the coupler plug to hold it securely against a soft seal while permitting the assembly to swivel, thereby preventing kinking or twisting of hose.
- A sliding sleeve releases the locking balls when retracted, permitting the plug to be inserted or removed. The sleeve automatically returns to the locked position when released.
- An automatic shutoff valve in the coupler seals instantly upon uncoupling, eliminating the need for a separate shutoff.

Features

Long Service Life: Zinc plating provides a non-corrosive finish. Heat treating hardens critical wear points. Molded Buna-n seals create a leak proof connection.

Efficient Performance: Tubular valve design provides high flow rates. Steel locking balls ensure connection holds tight under the most rugged applications. Spring loaded sliding outer sleeve allows quick connect/disconnect.

Many Sizes & Styles: Available in 1/4", 3/8", 1/2", 3/4" inch bodies with male and female pipe threads, hose barb or lock-on ends for every application.

Interchangeability: Fully interchangeable with couplers and plugs made by other manufacturers. (See interchange charts)

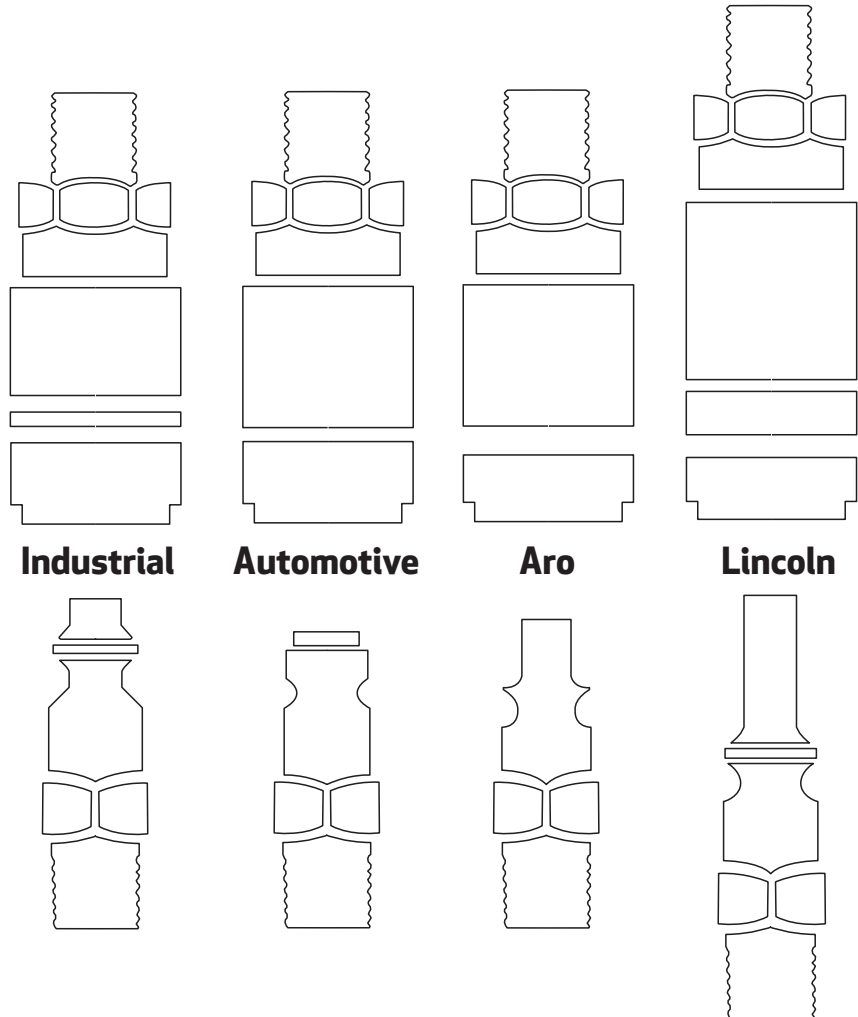
Coupler Style

Industrial
Lincoln
Aro
Auto Std 1/4" & 3/8"
Auto & Ind Std 1/2"

Groove Configuration

2 Narrow Band
1 Narrow, 1 Wide Band
1 Wide Band
1 Narrow Band
4 Narrow Band

COUPLER & PLUG STYLES



WARNING: Handling the brass parts of this product will expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Wash hands after handling.

COUPLERS AND PLUGS



Our couplers and plugs contain the highest quality components manufactured and assembled in Altavista, Virginia, USA.

Plug

- Case-hardened steel

Shells

- Precision machined
- Precision clearance held for smooth operation and proper engagement with plug

Valves

- Milled/Slotted to produce high flow

Rubber Washers

- Molded and ASTM* controlled
- Low compression set rubber for maximum sealability
- Internal lubed wax (Paraffin)
- -40°F to +240°F operational

Shell springs

- Zinc plated steel

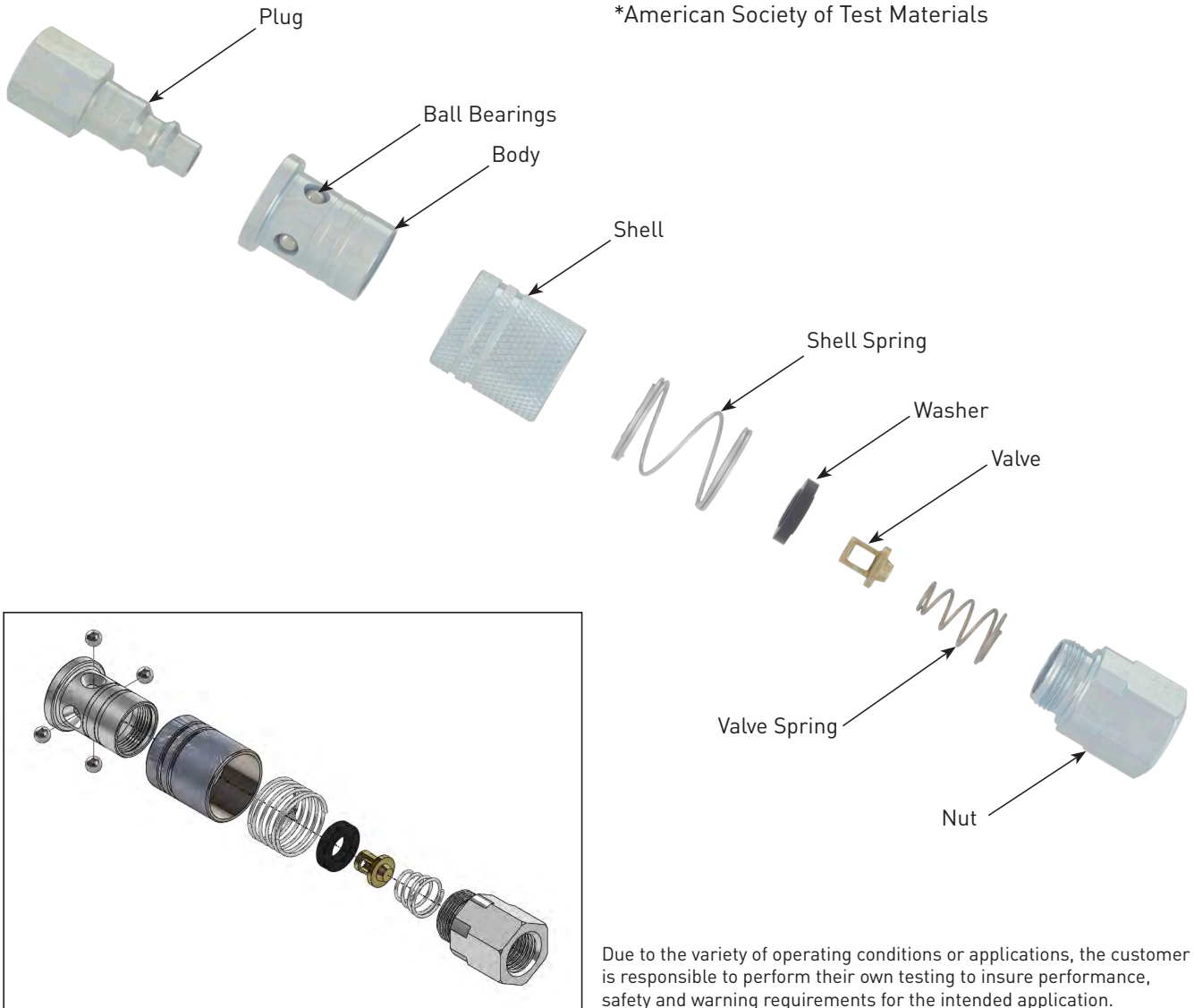
Valve springs

- Stainless steel to prevent moist air causing rust

Ball bearings

- Core hardened 0.030 – 0.040 deep RC 60-62
- Sphericity .001 max.
- SAE 1018

*American Society of Test Materials

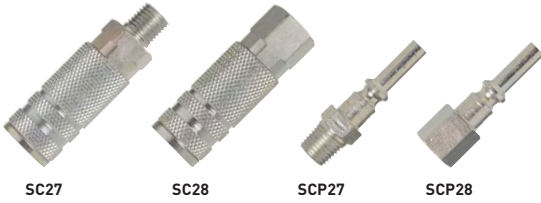


Due to the variety of operating conditions or applications, the customer is responsible to perform their own testing to insure performance, safety and warning requirements for the intended application.

COUPLERS AND PLUGS

Type

A



SC27

SC28

SCP27

SCP28

1/4" Lincoln™ Style Couplers and Plugs

These interchange with Lincoln *Long Nose Series*, as well as units produced by other manufacturers.

Male Thread	Female Thread	NPT Size
COUPLERS		
SC27	SC28	1/4"
ADAPTER PLUGS		
SCP27	SCP28	1/4"

Type

B



1/4" Aro™ Style Couplers and Plugs

These interchange with Aro™ 210 as well as units produced by many other manufacturer's.



SC37

SC38

SC38-42

SC37B

SC38B

SC37-03

SC38-23

SC38-44

SC45*

SC46

SCP37

SCP38

SCP37B

SCP38B

SCP37-03

SCP38-23

Combo Pack
SCP37 / SC38

1/4" "Aro" Couplers

Uses standard "Type B" adapter plugs. Has maximum working pressure of 250 PSI.

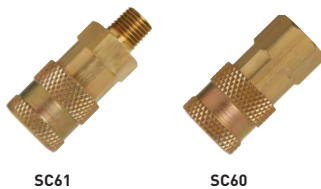
Male Thread	Female Thread	Hose Barb	NPT Size
COUPLERS			
SC37	SC38	SC38-42	1/4"
SC37B	SC38B		1/4"
SC37-03	SC38-23	SC38-44	3/8"
PUSH-TO-CONNECT COUPLERS			
SC45*	SC46		1/4"
B = Brass L = Locking			
*may be sourced offshore			

Male Thread	Female Thread	Hose Barb	NPT Size
ADAPTER PLUGS			
SCP37	SCP38		1/4"
SCP37B	SCP38B		1/4"
SCP37-03	SCP38-23		3/8"
COMBO PACK (1 EA. SCP37 / SCP38)			
SCP37	SC38		1/4"
B = Brass L = Locking			

1/4" 3-way "Push-to-Connect" Coupler

These yellow chromate plated steel and brass couplers fit all 1/4" Aro™ Style, 1/4" Automotive Style, and 1/4" Industrial Interchange coupler plugs available in the marketplace.

Maximum working pressure is 250 PSI.



SC61

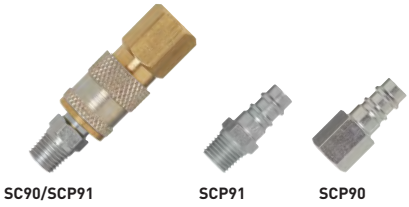
SC60

Male Thread	Female Thread	NPT Size
COUPLERS		
SC61	SC60	1/4"

WARNING: Handling the brass parts of this product will expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Wash hands after handling.

COUPLERS AND PLUGS

1/4" High Volume / Low Pressure Couplers and Plugs

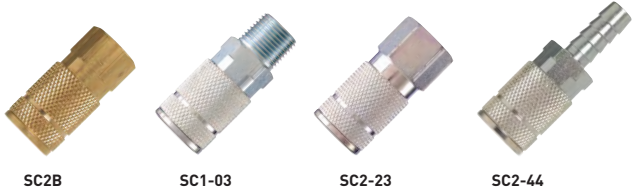


Item No.	Description
SC90/ SCP91	The unique valve and plug design of this special purpose coupler and plug set provides a much larger passage of air than standard 1/4" units. It allows as much air passage as a standard 3/8" coupler and plug unit. Especially designed for the paint industry.
SCP91	1/4" MNPT Plug
SCP90	1/4" FNPT Adapter Plug



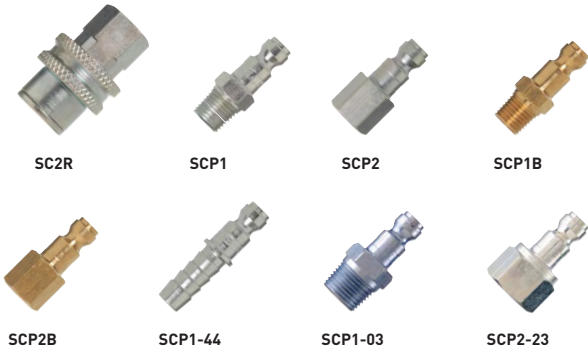
1/4" Automotive Style

These interchange with TruFlate™ as well as units produced by many other manufacturers.



Male Thread	Female Thread	Hose Barb	NPT or Barb
COUPLERS			
SC1	SC2		1/4"
SC1B	SC2B		1/4"
SC1-03	SC2-23	SC2-44	3/8"
COUPLERS FOR RECAPPERS			
	SC2R		1/4"

B = Brass L = Locking



Male Thread	Female Thread	Hose Barb	NPT or Barb
ADAPTER PLUGS			
SCP1	SCP2		1/4"
SCP1B	SCP2B		1/4"
		SCP1-44	3/8"
SCP1-03			3/8"
	SCP2-23		3/8"
ADAPTER PLUGS FOR RECAPPERS			
SCP1-302**			1/4"***
	SCP14		.482 - 26

B = Brass L = Locking
** SCP1-302 Also has inside cap thread.

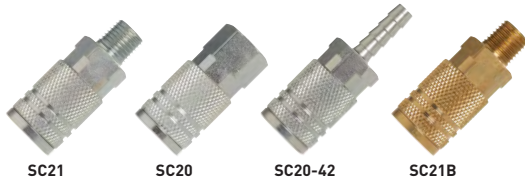


Due to the variety of operating conditions or applications, the customer is responsible to perform their own testing to insure performance, safety and warning requirements for the intended application.

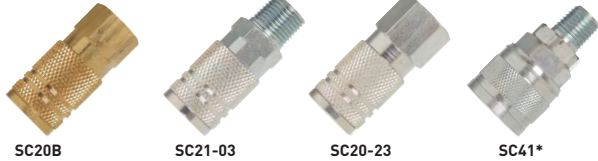
COUPLERS AND PLUGS

Type

D



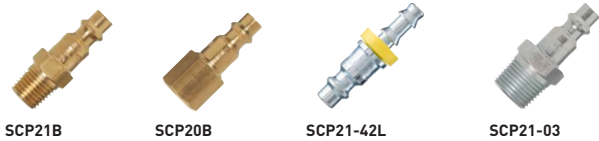
SC21 SC20 SC20-42 SC21B



SC20B SC21-03 SC20-23 SC41*



SC40* SCP21 SCP20 SCP21-42



SCP21B SCP20B SCP21-42L SCP21-03



SC20-23 Combo Pack SCP21 / SC20 SCP22

1/4" Industrial Interchange Style Coupler and Plugs

These interchange with Hansen™, Milton™, Foster™, Aro™, Parker™ and others.

Male Thread	Female Thread	Hose Barb	NPT or Barb
COUPLERS			
SC21	SC20	SC20-42	1/4"
SC21B	SC20B		1/4"
SC21-03	SC20-23		3/8"
B = Brass L = Locking			

1/4" "Push-to-Connect" Couplers

These couplers automatically connect by pushing the plug into the coupler and disconnect when sleeve is pulled back. Uses standard Type D adapter plugs. Has maximum working pressure of 250 PSI.

Male Thread	Female Thread	Hose Barb	NPT or Barb
PUSH TO CONNECT COUPLERS			
SC41*	SC40*		1/4"
ADAPTER PLUGS			
SCP21	SCP20	SCP21-42	1/4"
SCP21B	SCP20B	SCP21-42L	1/4"
SCP21-03	SCP20-23		3/8"
COMBO PACK (1 ea. SCP21 and SC20)			
	SCP21/SC20		1/4"
ADAPTER PLUGS FOR RECAPPERS			
	SCP22		.302-32THD
B = Brass L = Locking			
*may be sourced offshore			

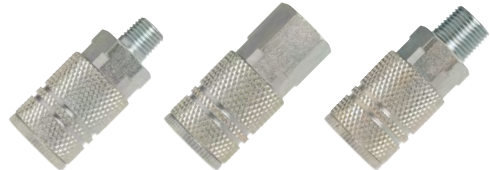
Ask your Schrader representative about private label packaging and bulk pack bin boxes.



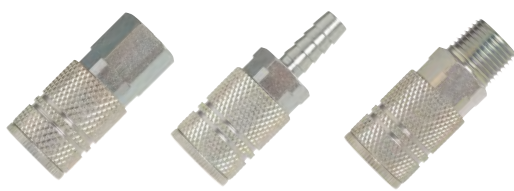
WARNING: Handling the brass parts of this product will expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Wash hands after handling.

COUPLERS AND PLUGS

Type
E



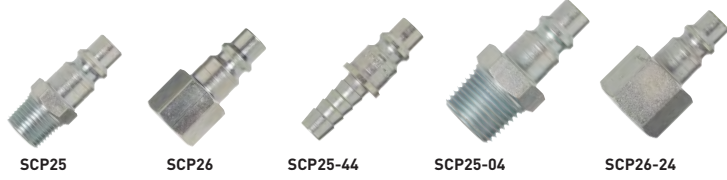
SC25-02 SC26-22 SC25



SC26 SC26-44 SC25-04



SC26-24 SCP25-02 SCP-26-22 SCP25-42



SCP25 SCP26 SCP25-44 SCP25-04 SCP26-24

3/8" Industrial Interchange Style Couplers and Plugs

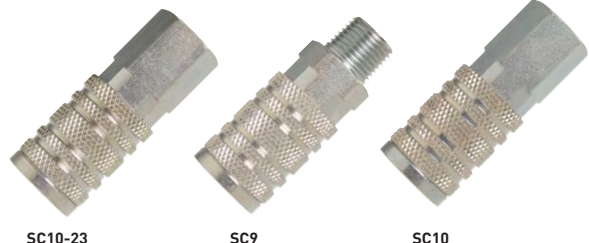
This group of medium sized couplers and plugs provide greater air flow than 1/4" inch units.

Male Thread	Female Thread	Hose Barb	NPT or Barb
COUPLERS			
SC25-02	SC26-22		1/4"
SC25	SC26	SC26-44	3/8"
SC25-04	SC26-24		1/2"

Male Thread	Female Thread	Hose Barb	NPT or Barb
ADAPTER PLUGS			
SCP25-02	SCP26-22	SCP25-42	1/4"
SCP25	SCP26	SCP25-44	3/8"
SCP25-04	SCP26-24		1/2"

L = Locking

Type
F



SC10-23 SC9 SC10



SC10R SCP9-03 SCP10-23



SCP9 SCP10

1/2" Automotive Style Couplers and Plugs

You can use either 1/2" Automotive or 1/2" Industrial interchange plugs with these couplers.

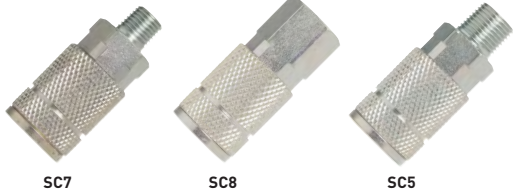
Male Thread	Female Thread	Hose Barb	NPT Size
COUPLERS			
	SC10-23		3/8"
SC9	SC10		1/2"
	SC10R (Raised Sleeve)		1/2"
R = Recapper			
ADAPTER PLUGS			
SCP9-03	SCP10-23		3/8"
SCP9	SCP10		1/2"

Due to the variety of operating conditions or applications, the customer is responsible to perform their own testing to insure performance, safety and warning requirements for the intended application.



COUPLERS AND PLUGS

Type
G



SC7

SC8

SC5



SC6

SC6-44

SC5-04

SC6-24



SCP7

SCP8

SCP5

SCP6



SCP5-44

SCP5-44L

SCP5-04

3/8" Automotive Style Couplers and Plugs

Male Thread	Female Thread	Hose Barb	NPT or Barb
COUPLERS			
SC7	SC8		1/4"
SC5	SC6	SC6-44	3/8"
SC5-04	SC6-24		1/2"

B = Brass L = Locking

Male Thread	Female Thread	Hose Barb	NPT or Barb
ADAPTER PLUGS			
SCP7	SCP8		1/4"
SCP5	SCP6	SCP5-44	3/8"
		SCP5-44L	3/8"
SCP5-04			1/2"

L = Locking

Type
H



SCP17-03

SCP18-23

SCP17

SCP18

1/2" Industrial Interchange Plugs

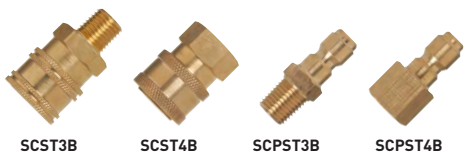
These 1/2" Industrial interchange Adapter Plugs are completely interchangeable with the Type F Automotive Series shown above.

Male Thread	Female Thread	NPT Size
ADAPTER PLUGS		
SCP17-03	SCP18-23	3/8"
SCP17	SCP18	1/2"

WARNING: Handling the brass parts of this product will expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Wash hands after handling.

COUPLERS AND PLUGS

Type
L



SCST3B SCST4B SCPST3B SCPST4B

Straight-through Couplers and Adapter Plugs for Liquids

Available in 1/4" and 3/8" body sizes. These units have no valves. Smooth, straight through bore gives maximum flow with minimum pressure drop. Couplers are brass, with stainless steel balls and springs. Plugs are brass. Used with pressure washers, carpet cleaners and car wash equipment.

Type "L" 1/4" Body Couplers and Plugs

Male Thread Female Thread NPT Thread

COUPLERS

SCST3B SCST4B 1/4"

B = Brass

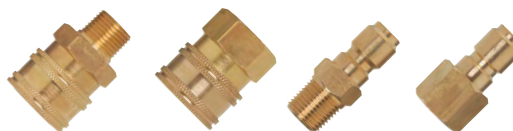
Male Thread Female Thread NPT Thread

ADAPTER PLUGS

SCPST3B SCPST4B 1/4"

B = Brass

Type
M



SCST5B SCST6B SCPST5B SCPST6B

Type "M" 3/8" Body Couplers and Plugs

Male Thread Female Thread NPT Thread

COUPLERS

SCST5B SCST6B 3/8"

Male Thread Female Thread NPT Thread

ADAPTER PLUGS

SCPST5B SCPST6B 3/8"

B = Brass



Technical questions can be answered by contacting our technical support department at 1.800.288.1804 x8620 or email: techservice@schraderintl.com

Ask your salesperson for a copy of our Coupler & Plug interchange or visit www.schraderinternational.com and search for Coupler & Plug Interchange or follow the link below.

SCHRADER
Schrader International, Inc. • 205 Frazier Road, Altavista, VA 24517 • 434.369.4741 • SchraderIntl.com

INTERCHANGE INFORMATION ON COMPLETE LINE OF SCHRADER COUPLERS

1/4" BASIC SIZE, MILTON/INDUSTRIAL "M" STYLE

MILTON	AMFLD	ARO	CAMEL	CHAM. ITEMS	COILHOUSE	DIXON	NAPA	PARKER	TOMCO	TRU FLATE	SCHRADER
707	C20-21	MSCF21-000			158	DC2021	90-663	B23A	183		SC20-21
708	C20-01	MSCM21-000			159	DC2101	90-661	B22A	M180		SC20-01
715	C20-AU						90-669				SC20-AU
716	C20						90-470				SC20
717	C21	MSCF22-000	61-572	9-871	158	DC2023	90-667	B23	M184	13-201	SC20-23
717-6	C20-42	MSCM22-000	61-573	9-870	158	DC2103	90-657	B22E	M181	13-235/13-236	SC20-42
718	C20-44	MSCF23-000	61-574	9-869	150	DC2101	90-475	B22E	M185	13-244	SC20-44
719	C20-23	MSCM23-000	61-575	9-869	153	DC2042	90-472		M182	13-246	SC20-23
724	C21-03	MSCF23-000					90-471		M187	13-226	SC21-03
725	CP21-01	MSCM23-000							M185	13-236	SC21-01
728	CP21	23902-110			151	DCP201	90-476	H2C	1802	13-226	SCP21-01
729	CP20	23902-210	61-578		158	DCP202	90-475	H2C	1804	12-224/12-225	SCP20
731	CP20-21	23902-200	61-579	9-854	1504	DCP2103	90-476	H2C	1805	12-234/12-235	SCP21-01
732	CP22	23902-100		9-855	1502	DCP2101	90-665	H1C	729		SCP22
733	CP20-23				1509	DCP2023		H2C-E			SCP20-23
736	CP21-03	23902-3	61-023		1585	DCP2103	90-459	H2C-E	1807	12-236	SCP21-03
736-4	CP21-42	23902-310			1506	DCP2103	90-477	H2C-E	1806	12-226	SCP21-42
736-4	CP21-44	23902-220	61-535		1506	DCP2142	90-477	H2C-E	1806	12-226	SCP21-44
756	CA08	23902-420	61-576		1503	DCP2144	90-473	H2C-E	1807	12-266	SCA08
756	CA18	MSCF22-000			1506	DCB20	90-419	H2C-E	1806	12-266	SCA18
1717-4	C20-42L	MSCM22-000	61-013		1508	DCB21	90-419	H2C-E	181	13-255	SC20-42L
1736-4	C20-44L	MSCF23-000	61-011					H2C-E	181	13-256	SC20-44L
1736-4	CP21-42L	MSCM23-000						H2C-E	181	13-255	SCP21-42L
1736-4	CP21-44L	23902-29						H2C-E	180		SCP21-44L
		23902-27						H2C-E	180		SCP21-44L

NOTE: Corresponding numbers functionally interchange, even though some Coupler Bodies listed are "Push Type."
NOTE: Schrader does not guarantee the accuracy of this interchange. To be used as reference only.

Page 1 of 4

http://www.schraderinternational.com/Document-Library/NA-CP-Interchange?sc_lang=en-US-NA

Due to the variety of operating conditions or applications, the customer is responsible to perform their own testing to insure performance, safety and warning requirements for the intended application.

Couplers & Plugs



Made in USA



Display 4 each of the most common couplers & plugs

SCPMERCH01

Schrader Couplers & Plugs are made by Americans in Altavista, Virginia, USA to the highest standards using the highest grade materials. Count on Schrader quality couplers & plugs to perform better and last longer than the foreign made competition.

Schrader Couplers & Plugs provide a fast, easy and reliable means of joining pneumatic transfer lines.

Our Coupler & Plug merchandiser rack SCPMERCH01 includes 4 each of our top 21 selling couplers and plugs. Mating products expands the list to 27. Total package includes rack, hooks and header card.

Rack measures 15" wide x 47" tall x 6" deep and includes brackets to hang on an end cap or free standing rack.

Our full line of couplers and plugs are also available in bulk and can be ordered by calling our customer service line at 800.288.1804 x8869.

Our full line Coupler & Plug catalog can be downloaded from our website and available through our customer service representatives.



WARNING: Handling the brass parts of this product will expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Wash hands after handling.

Turn a square foot of counter space into a profit center...



SCPMERCH02

Our Coupler & Plug merchandiser display SCPMERCH02 includes 2 each of our top 21 selling couplers and plugs. Expanding the assortment to include mating products would expand the list to 27. Total package including 21

carded products, rack, hooks and header card
Rack measures 11.8" wide x 22.5" tall x 8.6" deep and uses just 1 square foot of valuable counter space.



Our full line of couplers and plugs are also available in bulk and can be ordered by calling our customer service line at 800.288.1804 x8869.

Visit our website or call customer service for a table containing pricing and details of the contents of this US Made Couplers & Plug merchandiser (SCPMERCH02).

Due to the variety of operating conditions or applications, the customer is responsible to perform their own testing to insure performance, safety and warning requirements for the intended application.

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SCHRADER-USA

205 FRAZIER ROAD
ALTAVISTA, VA 24517

CUSTOMER SUPPORT LINE // 1.800.288.1804 ▶▶ SCHRADERINTERNATIONAL.COM