

Micro, Sub-Miniature & Miniature Couplers

MICRO COUPLER



Series 02 KA
F-57

SUB-MINIATURE COUPLER



Series 20 KA & KF
F-59



Series 20 KB
F-61



Series 91 KA
F-63

MINIATURE COUPLER



Series 21 KA & KF
F-65



Series 21 KB
F-68



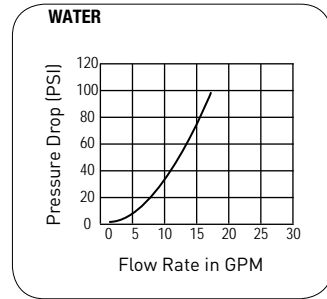
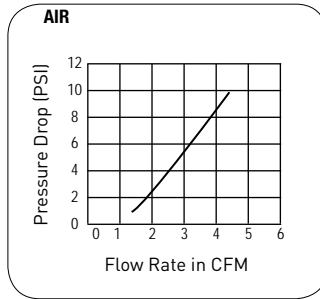
Series 90 KA
F-71

Micro Coupler

SERIES 02 KA - Micro Body Single Shut-Off - NOMINAL PLUG BORE .06"



The 02 Series is the smallest quick connect coupling made anywhere in the world today.



Working Temperature depending on medium

- 4°F up to +210°F (NBR)
- 40°F up to +250/300°F (EPDM)
- +5°F up to +400°F (FKM)

At a temperature below -4°F and above +300°F special seals are available.

Working Pressure

500 psi, maximum static working pressure with 4:1 design factor.

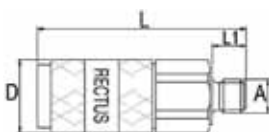
Note

UNF male for plug threads is available upon request.

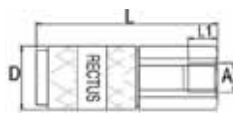
MATERIAL		
COUPLER	STANDARD	NICKEL PLATED
Back Body	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass, Nickel Plated
Sleeve	Brass	Brass, Nickel Plated
Valve	Brass	Brass, Nickel Plated
Spring & Locking Ring	AISI 301	AISI 301
Locking Balls	AISI 420	AISI 420
Seals	NBR	NBR
PLUG	Brass	Brass, Nickel Plated

Series 02 KA Couplers												
Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	
Male Thread	M 3	.23	.47	.25	.11					02KA AM03 MPX	02KA AM03 MPN*	
Female Thread	M 3	.23	.47	.25	.11					02KA IM03 MPX	02KA IM03 MPN*	
Hose Barb	1/16"	.23	.81	.25	.21					02KA TF02 MPX	02KA TF02 MPN	
	1/8"	.23	.86	.25	.25					02KA TF03 MPX	02KA TF03 MPN	
Panel Mount, Hose Barb	1/16"	.27	1.14	.25	.21	.31	.27	.11	M 5	02KA TS02 MPX	02KA TS02 MPN	
	1/8"	.27	1.18	.25	.25	.31	.27	.11	M 5	02KA TS03 MPX	02KA TS03 MPN	

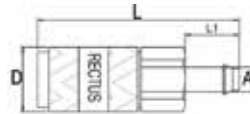
* Nickel plated Couplers have metric threads.



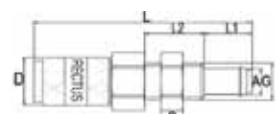
Male Thread Coupler



Female Thread Coupler

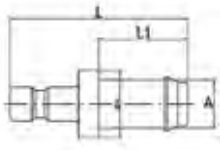


Hose Barb Coupler

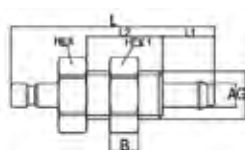


Panel Mount Hose Barb Coupler

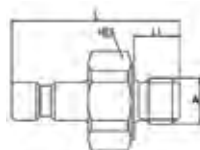
Series 02 SF Plugs												
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	
Hose Barb	1/16"		.47	.15	.21					02SF TF02 MXX	02SF TF02 MXN	
	1/8"		.51	.19	.25					02SF TF03 MXX	02SF TF03 MXN	
Panel Mount, Hose Barb	1/16"	.27	.86		.21	.31	.27	.11	M 5	02SF TS02 MXX	02SF TS02 MXN	
	1/8"	.27	.90		.25	.31	.27	.11	M 5	02SF TS03 MXX	02SF TS03 MXN	
Male Thread	M 3	.23	.43		.11					02SF AM02 MXX	02SF AM02 MXN	
	10/32 UNF	.23	.51		.19					02SF AF05 MXX	02SF AF05 MXN	
Female Thread	M 3	.24	.39		.11					02SF IM03 MXX	02SF IM03 MXN	



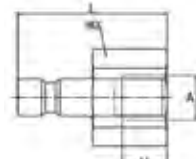
Hose Barb Plug



Panel Mount Hose Barb Plug



Male Thread Plug



Female Thread Plug



Sub Miniature Coupler

SUB-MINIATURE COUPLER



Series 20 KA & KF
F-59



Series 20 KB
F-61

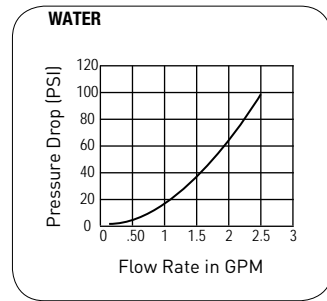
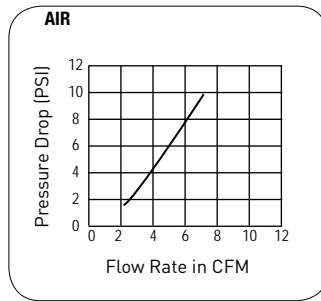


Series 91 KA
F-63

SERIES 20 KA & 20 KF - Automatic Single Shut-Off & Automatic Straight-Thru - NOMINAL PLUG BORE .10"



The 20 Series is the second smallest quick connect coupling on the market.



INTERCHANGE

RECTUS 91 WALTHER 06-003

Working Temperature depending on medium

- 4°F up to +210°F (NBR)
- 40°F up to +250/300°F (EPDM)
- +5°F up to +400°F (FKM)

At a temperature below -4°F and above +300°F special seals are available.

Working Pressure

500 psi, maximum static working pressure with 4:1 design factor.

Note

Metric male & female threads and BSP male & female threads are available upon request.

MATERIAL				
COUPLER	STANDARD	NICKEL PLATED	AISI 301	AISI 316 L
Back Body	Brass	Brass,Nickel Plated	AISI 303	AISI 316 L
Valve Body	Brass	Brass,Nickel Plated	AISI 303	AISI 316 L
Sleeve	Brass	Brass,Nickel Plated	AISI 303	AISI 316 L
Valve	Brass	Brass	AISI 303	AISI 316 L
Spring & Locking Ring	AISI 301	AISI 301	AISI 301	AISI 316 Ti
Locking Balls	AISI 420	AISI 420	AISI 316	AISI 316
Seals	NBR	NBR	FKM	FKM
PLUG	Brass	Brass,Nickel Plated	AISI 303	AISI 316 L

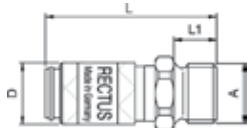
This series is also available without a valve in a Straight-Thru design.

For Straight-Thru Couplers, please change the part number from 20KA to 20KF when ordering.

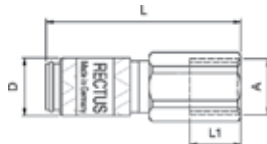
MICRO, SUB-MINIATURE & MINIATURE COUPLERS

Series 20 KA Couplers

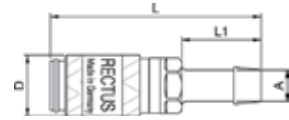
Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Male Thread	10/32 UNF	.35	1.02	.39	.19					20KA AF05 MPX	20KA AF05 MPN	20KA AF05 RVX	20KA AF05 EVX
	1/8" NPT	.43	1.02	.39	.35					20KA AN10 MPX	20KA AN10 MPN	20KA AN10 RVX	20KA AN10 EVX
Female Thread	10/32 UNF	.35	1.02	.39	.19					20KA IF05 MPX	20KA IF05 MPN	20KA IF05 RVX	20KA IF05 EVX
	1/8" NPSF	.47	1.33	.39	.35					20KA IN10 MPX	20KA IN10 MPN	20KA IN10 RVX	20KA IN10 EVX
Hose Barb	1/8"		1.37	.39	.51					20KA TF03 MPX	20KA TF03 MPN	20KA TF03 RVX	20KA TF03 EVX
	5/32"		1.37	.39	.51					20KA TF04 MPX	20KA TF04 MPN	20KA TF04 RVX	20KA TF04 EVX
	3/16"		1.37	.39	.51					20KA TF05 MPX	20KA TF05 MPN	20KA TF05 RVX	20KA TF05 EVX
Plastic Hose Connection	1/8" x 1/4"	.47	1.41	.39	.27	.27			M 10x1	20KA K036 MPX	20KA K036 MPN	20KA K036 RVX	20KA K036 EVX
	5/32" x 1/4"	.47	1.41	.39	.27	.27			M 10x1	20KA K046 MPX	20KA K046 MPN	20KA K046 RVX	20KA K046 EVX
Panel Mount, Plast. Hose Connect.	1/8" x 1/4"	.47	1.81	.39	.27	.70			M 10x1	20KA KS36 MPX	20KA KS36 MPN	20KA KS36 RVX	20KA KS36 EVX
	5/32" x 1/4"	.47	1.81	.39	.27	.70			M 10x1	20KA KS46 MPX	20KA KS46 MPN	20KA KS46 RVX	20KA KS46 EVX
Panel Mount, Hose Barb	1/8"	.47	2.00	.39	.51	.66	.43	.11	M 7x0,5	20KA TS03 MPX	20KA TS03 MPN	20KA TS03 RVX	20KA TS03 EVX
	5/32"	.47	2.00	.39	.51	.66	.43	.11	M 7x0,5	20KA TS04 MPX	20KA TS04 MPN	20KA TS04 RVX	20KA TS04 EVX
	3/16"	.47	2.00	.39	.51	.66	.47	.11	M 10x1	20KA TS05 MPX	20KA TS05 MPN	20KA TS05 RVX	20KA TS05 EVX



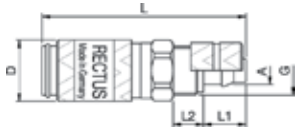
Male Thread Coupler



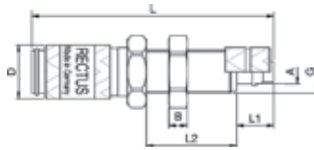
Female Thread Coupler



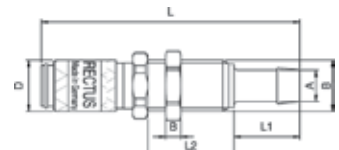
Hose Barb Coupler



Plastic Hose Connect. Coupler



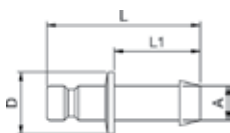
Panel Mount Plastic Hose Connect. Coupler



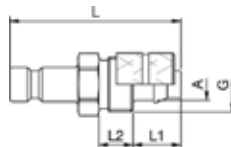
Panel Mount Hose Barb Coupler

Series 20 SF Plugs

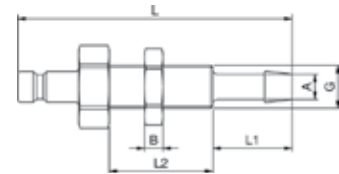
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Hose Barb	1/8"		.94	.27	.51					20SF TF03 MXX	20SF TF03 MXN	20SF TF03 RXX	20SF TF03 EXX
	5/32"		.94	.27	.51					20SF TF04 MXX	20SF TF04 MXN	20SF TF04 RXX	20SF TF04 EXX
	3/16"		.86	.35	.51					20SF TF05 MXX	20SF TF05 MXN	20SF TF05 RXX	20SF TF05 EXX
Plastic Hose Connection	1/8" x 1/4"	.47	1.10		.27	.27			M 10x1	20SF K036 MXX	20SF K036 MXN	20SF K036 RXX	20SF K036 EXX
	5/32" x 1/4"	.47	1.10		.27	.27			M 10x1	20SF K046 MXX	20SF K046 MXN	20SF K046 RXX	20SF K046 EXX
Panel Mount, Hose Barb	1/8"	.47	1.77		.51	.66	.43	.11	M 7x0,5	20SF TS03 MXX	20SF TS03 MXN	20SF TS03 RXX	20SF TS03 EXX
	5/32"	.47	1.77		.51	.66	.43	.11	M 7x0,5	20SF TS04 MXX	20SF TS04 MXN	20SF TS04 RXX	20SF TS04 EXX
Male Thread	10/32 UNF	.27	.70		.19					20SF AF05 MXX	20SF AF05 MXN	20SF AF05 RXX	20SF AF05 EXX
	1/8" NPT	.43	.86		.35					20SF AN10 MXX	20SF AN10 MXN	20SF AN10 RXX	20SF AN10 EXX
Female Thread	10/32 UNF	.27	.64		.19					20SF IF05 MXX	20SF IF05 MXN	20SF IF05 RXX	20SF IF05 EXX
	1/8" NPT	.47	.96		.35					20SF IN10 MXX	20SF IN10 MXN	20SF IN10 RXX	20SF IN10 EXX



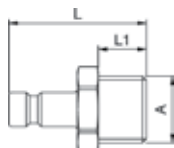
Hose Barb Plug



Plastic Hose Connection Plug



Panel Mount Hose Barb Plug

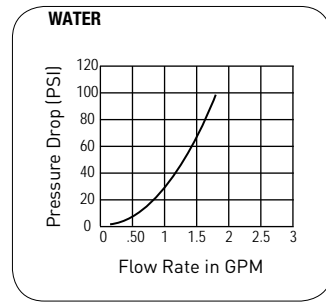
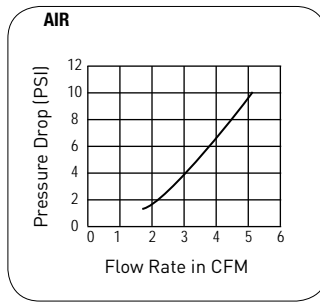


Male Thread Plug



Female Thread Plug

SERIES 20 KB - Automatic Double Shut-Off - NOMINAL PLUG BORE .10"



Working Temperature depending on medium

- 4°F up to +210°F (NBR)
- 40°F up to +250/300°F (EPDM)
- +5°F up to +400°F (FKM)

At a temperature below -4°F and above +300°F special seals are available.

Working Pressure

500 psi, maximum static working pressure with 4:1 design factor.

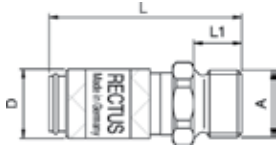
Note

Metric male & female threads and BSP male & female threads are available upon request.

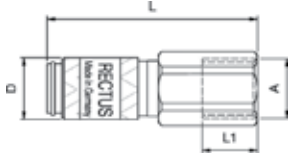
MATERIAL				
COUPLER	STANDARD	NICKEL PLATED	AISI 301	AISI 316 L
Back Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Sleeve	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve	Brass	Brass	AISI 303	AISI 316 L
Spring & Locking Ring	AISI 301	AISI 301	AISI 301	AISI 316 Ti
Locking Balls	AISI 420	AISI 420	AISI 316	AISI 316
Seals	NBR	NBR	FKM	FKM
(Sleeve made of Aluminium, elox. upon request)				
PLUG				
Plug Profile	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Back Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve	Brass	Brass	AISI 303	AISI 316 L
Spring	AISI 301	AISI 301	AISI 301	AISI 316 Ti
Seal	NBR	NBR	FKM	FKM

Series 20 KB Couplers

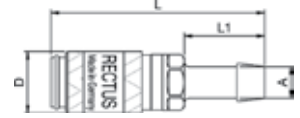
Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Male Thread	10/32 UNF	.35	1.02	.39	.19					20KB AF05 MPX	20KB AF05 MPN	20KB AF05 RVX	20KB AF05 EVX
	1/8" NPT	.43	1.02	.39	.35					20KB AN10 MPX	20KB AN10 MPN	20KB AN10 RVX	20KB AN10 EVX
Female Thread	10/32 UNF	.35	1.02	.39	.19					20KB IF05 MPX	20KB IF05 MPN	20KB IF05 RVX	20KB IF05 EVX
	1/8" NPSF	.47	1.33	.39	.35					20KB IN10 MPX	20KB IN10 MPN	20KB IN10 RVX	20KB IN10 EVX
Hose Barb	1/8"		1.37	.39	.51					20KB TF03 MPX	20KB TF03 MPN	20KB TF03 RVX	20KB TF03 EVX
	5/32"		1.37	.39	.51					20KB TF04 MPX	20KB TF04 MPN	20KB TF04 RVX	20KB TF04 EVX
	3/16"		1.37	.39	.51					20KB TF05 MPX	20KB TF05 MPN	20KB TF05 RVX	20KB TF05 EVX
Plastic Hose Connection	1/8" x 1/4"	.47	1.41	.39	.27	.27			M 10x1	20KB K036 MPX	20KB K036 MPN	20KB K036 RVX	-
	5/32" x 1/4"	.47	1.41	.39	.27	.27			M 10x1	20KB K046 MPX	20KB K046 MPN	20KB K046 RVX	-
Panel Mount, Plast. Hose Connect.	1/8" x 1/4"	.47	1.81	.39	.27	.70			M 10x1	20KB KS36 MPX	20KB KS36 MPN	-	-
	5/32" x 1/4"	.47	1.81	.39	.27	.70			M 10x1	20KB KS46 MPX	20KB KS46 MPN	-	-
Panel Mount, Hose Barb	1/8"	.47	2.00	.39	.51	.66	.43	.11	M 7x0,5	20KB TS03 MPX	20KB TS03 MPN	-	-
	5/32"	.47	2.00	.39	.51	.66	.43	.11	M 7x0,5	20KB TS04 MPX	20KB TS04 MPN	-	-
	3/16"	.47	2.00	.39	.51	.66	.47	.11	M 10x1	20KB TS05 MPX	20KB TS05 MPN	-	-



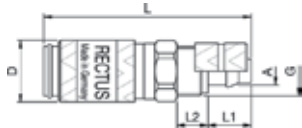
Male Thread Coupler



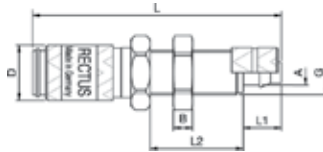
Female Thread Coupler



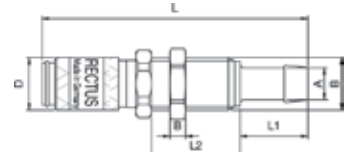
Hose Barb Coupler



Plastic Hose Connect. Coupler



Panel Mount Plastic Hose Connect. Coupler



Panel Mount Hose Barb Coupler

Series 20 SB Valved Plugs

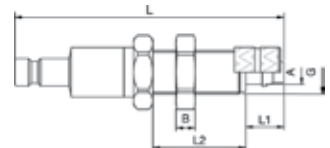
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Hose Barb	1/8"	.31	1.41		.51					20SB TF03 MPX	20SB TF03 MPN	20SB TF03 RVX	-
	5/32"	.31	1.41		.51					20SB TF04 MPX	20SB TF04 MPN	20SB TF04 RVX	20SB TF04 EVX
	3/16"	.31	1.41		.51					20SB TF05 MPX	20SB TF05 MPN	20SB TF05 RVX	-
Plastic Hose Connection	1/8" x 1/4"	.35	1.10		.27	.19			M 7 x 0,5	20SB K036 MPX	20SB K036 MPN	20SB K036 RVX	20SB K036 EVX
	5/32" x 1/4"	.35	1.10		.27	.19			M 8 x 0,5	20SB K046 MPX	20SB K046 MPN	20SB K046 RVX	20SB K046 EVX
Panel Mount Plastic Hose Connection	1/8" x 1/4"	.47	1.83		.27	.66	.43	.11	M 7 x 0,5	20SB KS36 MPX	20SB KS36 MPN	20SB KS36 RVX	20SB KS36 EVX
	5/32" x 1/4"	.47	1.83		.27	.66	.47	.13	M 8 x 0,5	20SB KS46 MPX	20SB KS46 MPN	20SB KS46 RVX	20SB KS46 EVX
Panel Mount, Hose Barb	1/8"	.47	2.06		.51	.66	.43	.11	M 7 x 0,5	20SB TS03 MPX	20SB TS03 MPN	-	-
	5/32"	.47	2.06		.51	.66	.43	.11	M 7 x 0,5	20SB TS04 MPX	20SB TS04 MPN	-	-
	3/16"	.47	2.06		.51	.66	.47	.11	M 10 x 1	20SB TS04 MPX	20SB TS04 MPN	-	-
Male Thread	10/32 UNF	.35	1.10		.19					20SB AF05 MPX	20SB AF05 MPN	20SB AF05 RVX	20SB AF05 EVX
	1/8" NPT	.43	1.25		.35					20SB AN10 MPX	20SB AN10 MPN	20SB AN10 RVX	20SB AN10 EVX
Female Thread	10/32 UNF	.35	1.04		.19					20SB IF05 MPX	20SB IF05 MPN	20SB IF05 RVX	20SB IF05 EVX
	1/8" NPT	.47	1.41		.35					20SB IN10 MPX	20SB IN10 MPN	20SB IN10 RVX	20SB IN10 EVX



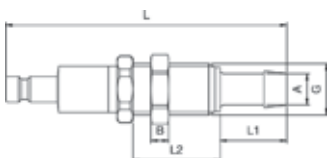
Hose Barb Plug



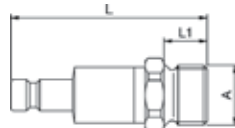
Plastic Hose Connection Plug



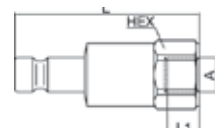
Panel Mount Plastic Hose Connect. Plug



Panel Mount Hose Barb Plug



Male Thread Plug

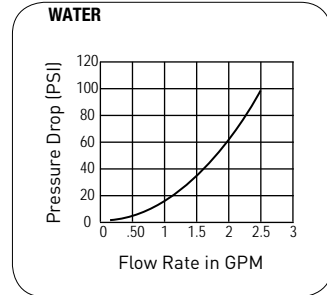
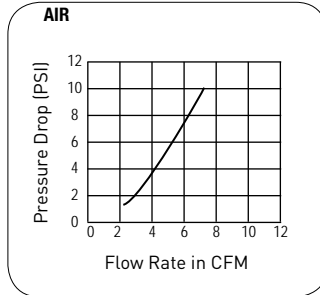


Female Thread Plug

SERIES 91 KA - Automatic Single Shut-Off - NOMINAL PLUG BORE .10"



The 91 Series is a variation of the 20 Series Couplers. The valve has been shortened in respect that the plug seals before the Coupler valve opens. In spite of the short valve, the well-proven, single hand operation is retained as the ball-lock is replaced by a pin-lock. This extends the external diameter of the sleeve from 10 to 13 mm.



INTERCHANGE
RECTUS 20 WALTHER 06-003

Working Temperature depending on medium

- 4°F up to +210°F (NBR)
- 40°F up to +250/300°F (EPDM)
- +5°F up to +400°F (FKM)

At a temperature below -4°F and above +300°F special seals are available.

Working Pressure

500 psi, maximum static working pressure with 4:1 design factor.

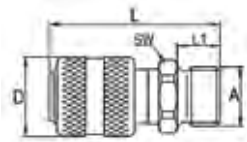
Note

Metric male & female threads and BSP male & female threads are available upon request.

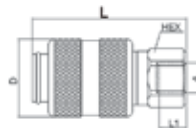
COUPLER	MATERIAL	
	STANDARD	NICKEL PLATED
Back Body	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass, Nickel Plated
Sleeve	Brass	Brass, Nickel Plated
Valve	Brass	Brass
Spring & Locking Ring	AISI 301	AISI 301
Locking Pins	AISI 420	AISI 420
Seals	NBR	NBR
PLUG	Brass (20 Series)	Brass, Nickel Plated (20 Series)

Series 91 KA Couplers

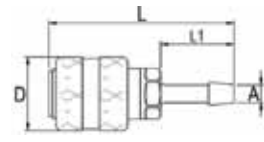
Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N
Male Thread	10/32 UNF	.35	1.02	.39	.19					91KA AF05 MPX	91KA AF05 MPN	91KA AF05 RVX
	1/8" NPT	.43	1.02	.39	.35					91KA AN10 MPX	91KA AN10 MPN	91KA AN10 RVX
Female Thread	10/32 UNF	.35	1.02	.39	.19					91KA IF05 MPX	91KA IF05 MPN	91KA IF05 RVX
	1/8" NPSF	.47	1.33	.39	.35					91KA IN10 MPX	91KA IN10 MPN	91KA IN10 RVX
Hose Barb	1/8"		1.37	.39	.51					91KA TF03 MPX	91KA TF03 MPN	91KA TF03 RVX
	5/32"		1.37	.39	.51					91KA TF04 MPX	91KA TF04 MPN	91KA TF04 RVX



Male Thread Coupler



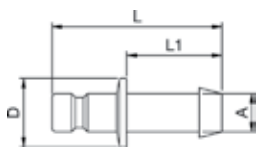
Female Thread Coupler



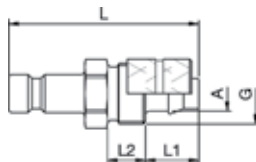
Hose Barb Coupler

Series 20 (91) Plug

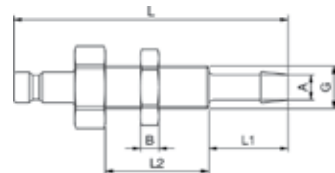
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Hose Barb	5/32"		.94	.27	.51					20SF TF04 MXX	20SF TF04 MXN	20SF TF04 RXX	20SF TF04 EXX
	3/16"		.86	.35	.51					20SF TF05 MXX	20SF TF05 MXN	20SF TF05 RXX	20SF TF05 EXX
Plastic Hose Connection	1/8" x 1/4"	.47	1.10		.27	.27			M 10x1	20SF K036 MXX	20SF K036 MXN	20SF K036 RXX	20SF K036 EXX
	5/32" x 1/4"	.47	1.10		.27	.27			M 10x1	20SF K046 MXX	20SF K046 MXN	20SF K046 RXX	20SF K046 EXX
Panel Mount, Hose Barb	1/8"	.47	1.77		.51	.66	.43	.11	M 7x0,5	20SF TS03 MXX	20SF TS03 MXN	20SF TS03 RXX	20SF TS03 EXX
	5/32"	.47	1.77		.51	.66	.43	.11	M 7x0,5	20SF TS04 MXX	20SF TS04 MXN	20SF TS04 RXX	20SF TS04 EXX
Male Thread	10/32 UNF	.27	.70		.19					20SF AF05 MXX	20SF AF05 MXN	20SF AF05 RXX	20SF AF05 EXX
	1/8" NPT	.43	.86		.35					20SF AN10 MXX	20SF AN10 MXN	20SF AN10 RXX	20SF AN10 EXX
Female Thread	10/32 UNF	.27	.64		.19					20SF IF05 MXX	20SF IF05 MXN	20SF IF05 RXX	20SF IF05 EXX
	1/8" NPSF	.47	.96		.35					20SF IN10 MXX	20SF IN10 MXN	20SF IN10 RXX	20SF IN10 EXX



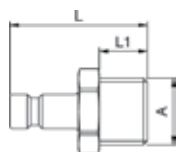
Hose Barb Plug



Plastic Hose Connection Plug



Panel Mount Hose Barb Plug



Male Thread Plug



Female Thread Plug

Miniature Couplers

MINIATURE COUPLERS



Series 21 KA & KF
F-65

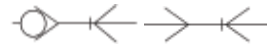


Series 21 KB
F-68

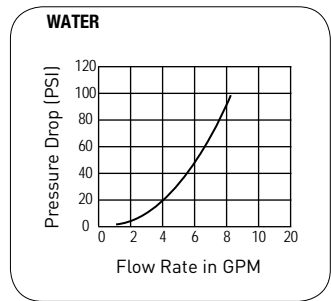
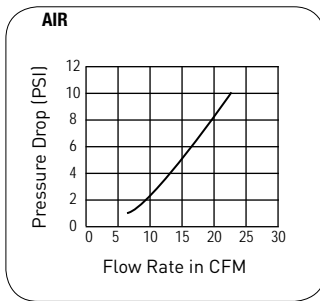


Series 90 KA
F-71

SERIES 21 KA & 21 KF - Automatic Single Shut-Off & Automatic Straight-Through - NOMINAL PLUG BORE .20"



The largest version of the 20 Series. This single hand operated, quick connect coupling is ideal wherever space plays a major role. Can be supplied as Straight-Through (no valve), single shut-off or double shut-off. This series is available in thermoplastic and RectuKey versions.



INTERCHANGE

RECTUS 90	CAMOZZI
EWO	KANI

Working Temperature depending on medium

- 4°F up to +210°F (NBR)
- 40°F up to +250/300°F (EPDM)
- +5°F up to +400°F (FKM)
- +32°F up to +600°F (FFKM)

At a temperature below -4°F and above +300°F special seals are available.

Working Pressure

500 psi maximum static working pressure with 4:1 design factor.

Note

Metric male (DIN 2353) & female threads and BSP male & female threads are available upon request.

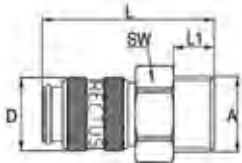
MATERIAL				
COUPLER	STANDARD	NICKEL PLATED	AISI 301	AISI 316 L
Back Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Sleeve	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve	Brass	Brass	AISI 303	AISI 316 L
Spring & Locking Ring	AISI 301	AISI 301	AISI 301	AISI 316 Ti
Locking Balls	AISI 420	AISI 420	AISI 420	AISI 420
Seals	NBR	NBR	FKM	FKM
PLUG	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L

SERIES 21 KA Couplers

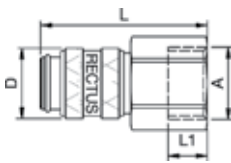
Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Male Thread	1/8" NPT	.55	1.49	.63	.35					21KA AN10 MPX	21KA AN10 MPN	21KA AN10 RVX	21KA AN10 EVX
	1/4" NPT	.55	1.61	.63	.47					21KA AN13 MPX	21KA AN13 MPN	21KA AN13 RVX	21KA AN13 EVX
	3/8" NPT	.66	1.61	.63	.47					21KA AN17 MPX	21KA AN17 MPN	21KA AN17 RVX	21KA AN17 EVX
Female Thread	1/8" NPSF	.55	1.55	.63	.47					21KA IN10 MPX	21KA IN10 MPN	21KA IN10 RVX	21KA IN10 EVX
	1/4" NPSF	.66	1.77	.63	.51					21KA IN13 MPX	21KA IN13 MPN	21KA IN13 RVX	21KA IN13 EVX
	3/8" NPSF	.74	1.88	.63	.55					21KA IN17 MPX	21KA IN17 MPN	21KA IN17 RVX	21KA IN17 EVX
Hose Barb	5/32"	.55	1.81	.63	.66					21KA TF04 MPX	21KA TF04 MPN	21KA TF04 RVX	21KA TF04 EVX
	3/16"	.55	1.81	.63	.66					21KA TF05 MPX	21KA TF05 MPN	21KA TF05 RVX	21KA TF05 EVX
	1/4"	.55	1.81	.63	.66					21KA TF06 MPX	21KA TF06 MPN	21KA TF06 RVX	21KA TF06 EVX
	5/16"	.55	1.81	.63	.66					21KA TF08 MPX	21KA TF08 MPN	21KA TF08 RVX	21KA TF08 EVX
	3/8"	.55	1.81	.63	.66					21KA TF10 MPX	21KA TF10 MPN	21KA TF10 RVX	21KA TF10 EVX
Push-Lock Hose Barb	1/4" P.L.	.55	1.96	.63	.78					21KA TP06 MPX	21KA TP06 MPN	21KA TP06 RVX	21KA TP06 EVX
Plastic Hose Connection	5/32" x 1/4"	.55	1.69	.63	.27	.27				21KA K046 MPX	21KA K046 MPN	21KA K046 RVX	21KA K046 EVX
	1/4" x 5/16"	.55	1.65	.63	.27	.23				21KA K008 MPX	21KA K008 MPN	21KA K008 RVX	21KA K008 EVX
Panel Mount, Plastic Hose Conn.	5/32" x 1/4"	.55	2.12	.63	.27	.70	.55	.15	M 10x1	21KA KS46 MPX	21KA KS46 MPN	21KA KS46 RVX	21KA KS46 EVX
	1/4" x 5/16"	.66	2.12	.63	.27	.70	.66	.15	M 12x1	21KA KS08 MPX	21KA KS08 MPN	21KA KS08 RVX	21KA KS08 EVX
Front Panel Install. Plastic Hose Conn.	5/32" x 1/4"	.86	1.65	.94	.27	.62	.94	.19	M 20x1	21KA KE46 MPX	21KA KE46 MPN	21KA KE46 RVX	21KA KE46 EVX
	1/4" x 5/16"	.86	1.65	.94	.27	.62	.94	.19	M 20x1	21KA KE08 MPX	21KA KE08 MPN	21KA KE08 RVX	21KA KE08 EVX
Front Panel Install. Hose Barb Panel Mount	5/32"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KA TE04 MPX	21KA TE04 MPN	21KA TE04 RVX	21KA TE04 EVX
	1/4"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KA TE06 MPX	21KA TE06 MPN	21KA TE06 RVX	21KA TE06 EVX
	5/16"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KA TE08 MPX	21KA TE08 MPN	21KA TE08 RVX	21KA TE08 EVX
	3/8"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KA TE10 MPX	21KA TE10 MPN	21KA TE10 RVX	21KA TE10 EVX
Panel Mount Hose Barb	5/32"	.55	2.36	.63	.66	.55	.55	.15	M 10x1	21KA TS04 MPX	21KA TS04 MPN	21KA TS04 RVX	21KA TS04 EVX
	3/16"	.66	2.36	.63	.66	.55	.66	.15	M 12x1	21KA TS05 MPX	21KA TS05 MPN	21KA TS05 RVX	21KA TS05 EVX
	1/4"	.66	2.36	.63	.66	.55	.66	.15	M 12x1	21KA TS06 MPX	21KA TS06 MPN	21KA TS06 RVX	21KA TS06 EVX
Plastic Hose Conn. w/ Spring Guard	5/32" x 1/4"	.55	4.92	.63	.27	.27				21KA KK46 MPX	21KA KK46 MPN	21KA KK46 RVX	21KA KK46 EVX
	1/4" x 5/16"	.55	5.11	.63	.27	.23				21KA KK08 MPX	21KA KK08 MPN	21KA KK08 RVX	21KA KK08 EVX

This series is also available without a valve in a Straight-Thru design.

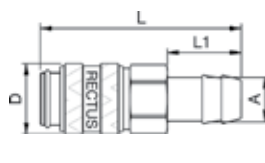
For Straight-Thru Couplers, please change the part number from 21KA to 21KF when ordering.



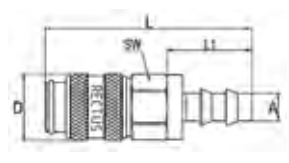
Male Thread Coupler



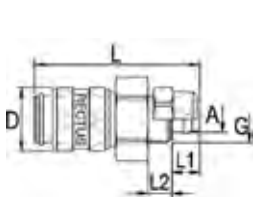
Female Thread Coupler



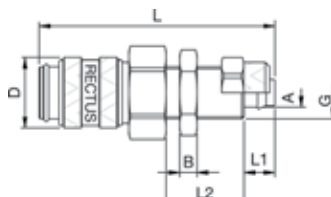
Hose Barb Coupler



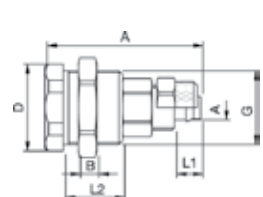
Push-Lock Hose Barb Coupler



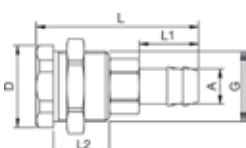
Plastic Hose Connection



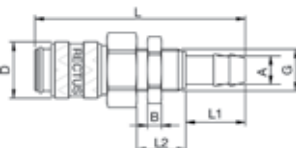
Panel Mount Plastic Hose Connect. Coupler



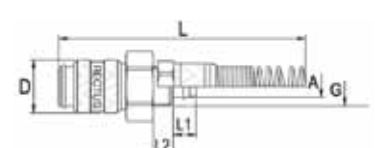
Front Panel Install. Plastic Hose Connection Coupler



Front Panel Install. Hose Barb Panel Mount



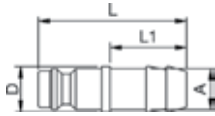
Panel Mount Hose Barb Coupler



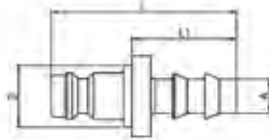
Plastic Hose Connect. with Spring Guard Coupler

SERIES 21 SF PLUGS

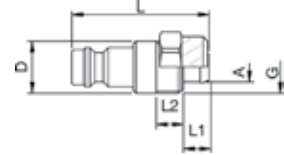
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Hose Barb	5/32"		1.26	.35	.66					21SF TF04 MXX	21SF TF04 MXN	21SF TF04 RXX	21SF TF04 EXX
	3/16"		1.26	.35	.66					21SF TF05 MXX	21SF TF05 MXN	21SF TF05 RXX	21SF TF05 EXX
	1/4"		1.26	.35	.66					21SF TF06 MXX	21SF TF06 MXN	21SF TF06 RXX	21SF TF06 EXX
	5/16"		1.26	.35	.66					21SF TF08 MXX	21SF TF08 MXN	21SF TF08 RXX	21SF TF08 EXX
	3/8"		1.29	.47	.66					21SF TF10 MXX	21SF TF10 MXN	21SF TF10 RXX	21SF TF10 EXX
Push-Lock Hose Barb	1/4" P.L.		.36	.16	.20					21SF TP06 MXX	21SF TP06 MXN	21SF TP06 RXX	21SF TP06 EXX
Plastic Hose Connection	5/32" x 1/4"		1.26	.39	.23				M 10x1	21SF K046 MXX	21SF K046 MXN	21SF K046 RXX	21SF K046 EXX
	1/4" x 5/16"		1.26	.47	.23				M 12x1	21SF K008 MXX	21SF K008 MXN	21SF K008 RXX	21SF K008 EXX
Panel Mount Plastic Hose Connection	5/32" x 1/4"	.55	1.73		.55	.71	.55	.16	M 10x1	21SF KS46 MXX	21SF KS46 MXN	21SF KS46 RXX	21SF KS46 EXX
	1/4" x 5/16"	.55	1.73		.27	.70	.66	.15	M 12x1	21SF KS08 MXX	21SF KS08 MXN	21SF KS08 RXX	21SF KS08 EXX
Panel Mount, Hose Barb	5/32"	.55	1.96		.66	.55	.55	.15	M 10x1	21SF TS04 MXX	21SF TS04 MXN	21SF TS04 RXX	21SF TS04 EXX
	3/16"		1.96		.66	.55	.66	.15	M 12x1	21SF TS05 MXX	21SF TS05 MXN	21SF TS05 RXX	21SF TS05 EXX
	1/4"	.55	1.96		.66	.55	.66	.15	M 12x1	21SF TS06 MXX	21SF TS06 MXN	21SF TS06 RXX	21SF TS06 EXX
	5/16"	.55	1.96		.66	.55	.66	.15	M 12x1	21SF TS08 MXX	21SF TS08 MXN	21SF TS08 RXX	21SF TS08 EXX
	3/8"	.55	1.96		.66	.55	.74	.15	M 14x1	21SF TS10 MXX	21SF TS10 MXN	21SF TS10 RXX	21SF TS10 EXX
Plastic Hose Connect. w/ Spring Guard	5/32" x 1/4"		4.52	.39	.23	.23			M 10x1	21SF KK46 MXX	21SF KK46 MXN	21SF KK46 RXX	21SF KK46 EXX
	1/4" x 5/16"		4.72	.47	.23	.23			M 12x1	21SF KK08 MXX	21SF KK08 MXN	21SF KK08 RXX	21SF KK08 EXX
Male Thread	1/8" NPT	.43	1.06	.35						21SF AN10 MXX	21SF AN10 MXN	21SF AN10 RXX	21SF AN10 EXX
	1/4" NPT	.55	1.20		.47					21SF AN13 MXX	21SF AN13 MXN	21SF AN13 RXX	21SF AN13 EXX
	3/8" NPT	.66	1.22		.47					21SF AN17 MXX	21SF AN17 MXN	21SF AN17 RXX	21SF AN17 EXX
Female Thread	1/8" NPSF	.55	1.14		.35					21SF IN10 MXX	21SF IN10 MXN	21SF IN10 RXX	21SF IN10 EXX
	1/4" NPSF	.66	1.33		.51					21SF IN13 MXX	21SF IN13 MXN	21SF IN13 RXX	21SF IN13 EXX



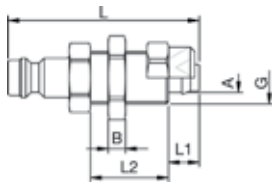
Hose Barb Plug



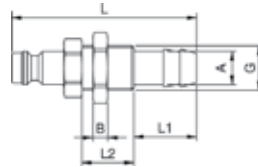
Push Lock Hose Barb Plug



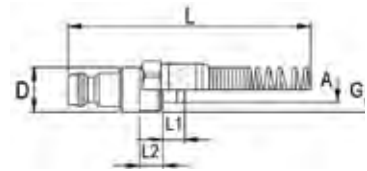
Plastic Hose Connection Plug



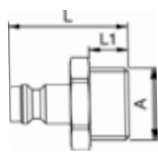
Panel Mount Plastic Hose Connect. Plug



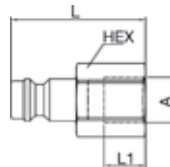
Panel Mount Hose Barb Plug



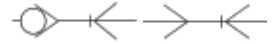
Plastic Hose Connect. with Spring Guard Plug



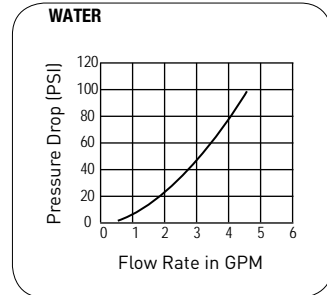
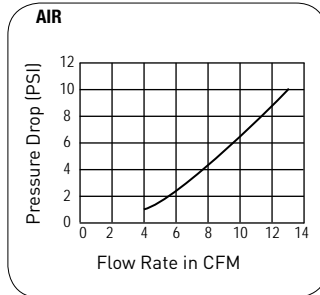
Male Thread Plug



Female Thread Plug



Both the couplings and plugs are fitted with a valve. While both valves are opened, full flow is guaranteed as soon as the two are connected. The valves close when disconnected.



INTERCHANGE

CAMOZZI KANI
EWO

Working Temperature depending on medium

- 4°F up to +210°F (NBR)
- 40°F up to +250/300°F (EPDM)
- +5°F up to +400°F (FKM)
- +32°F up to +600°F (FFKM)

At a temperature below -4°F and above +300°F special seals are available.

Working Pressure

500 psi maximum static working pressure with 4:1 design factor.

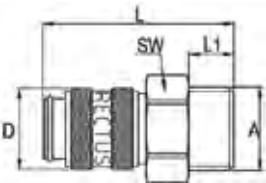
Note

Metric male (DIN 2353) & female threads and BSP male & female threads are available upon request.

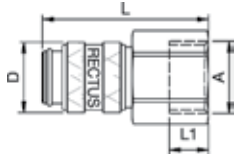
MATERIAL				
COUPLER	STANDARD	NICKEL PLATED	AISI 301	AISI 316 L
Back Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Sleeve	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve	Brass	Brass	AISI 303	AISI 316 L
Spring & Locking Ring	AISI 301	AISI 301	AISI 301	AISI 316 Ti
Locking Balls	AISI 420	AISI 420	AISI 420	AISI 420
Seals	NBR	NBR	FKM	FKM
PLUG				
Plug Profile	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Back Body	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Valve	Brass	Brass, Nickel Plated	AISI 303	AISI 316 L
Spring	AISI 301	AISI 301	AISI 301	AISI 316 L
Seal	NBR	NBR	FKM	FKM

SERIES 21 KB Couplers

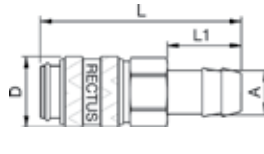
Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Male Thread	1/8" NPT	.55	1.49	.63	.35					21KB AN10 MPX	21KB AN10 MPN	21KB AN10 RVX	21KB AN10 EVX
	1/4" NPT	.55	1.61	.63	.47					21KB AN13 MPX	21KB AN13 MPN	21KB AN13 RVX	21KB AN13 EVX
	3/8" NPT	.66	1.61	.63	.47					21KB AN17 MPX	21KB AN17 MPN	21KB AN17 RVX	21KB AN17 EVX
Female Thread	1/8" NPSF	.55	1.55	.63	.47					21KB IN10 MPX	21KB IN10 MPN	21KB IN10 RVX	21KB IN10 EVX
	1/4" NPSF	.66	1.77	.63	.51					21KB IN13 MPX	21KB IN13 MPN	21KB IN13 RVX	21KB IN13 EVX
	3/8" NPSF	.74	1.88	.63	.55					21KB IN17 MPX	21KB IN17 MPN	21KB IN17 RVX	21KB IN17 EVX
Hose Barb	5/32"	.55	1.81	.63	.66					21KB TF04 MPX	21KB TF04 MPN	21KB TF04 RVX	21KB TF04 EVX
	3/16"	.55	1.81	.63	.66					21KB TF05 MPX	21KB TF05 MPN	21KB TF05 RVX	21KB TF05 EVX
	1/4"	.55	1.81	.63	.66					21KB TF06 MPX	21KB TF06 MPN	21KB TF06 RVX	21KB TF06 EVX
	5/16"	.55	1.81	.63	.66					21KB TF08 MPX	21KB TF08 MPN	21KB TF08 RVX	21KB TF08 EVX
3/8"	.55	1.81	.63	.66					21KB TF10 MPX	21KB TF10 MPN	21KB TF10 RVX	21KB TF10 EVX	
Push-Lock Hose Barb	1/4" P.L.	.55	1.96	.63	.78					21KB TP06 MPX	21KB TP06 MPN	21KB TP06 RVX	21KB TP06 EVX
Plastic Hose Connection	5/32" x 1/4"	.55	1.69	.63	.27	.27				21KB K046 MPX	21KB K046 MPN	21KB K046 RVX	21KB K046 EVX
	1/4" x 5/16"	.55	1.65	.63	.27	.23				21KB K008 MPX	21KB K008 MPN	21KB K008 RVX	21KB K008 EVX
Panel Mount, Plastic Hose Conn.	5/32" x 1/4"	.55	2.12	.63	.27	.70	.55	.15	M 10x1	21KB KS46 MPX	21KB KS46 MPN	21KB KS46 RVX	21KB KS46 EVX
	1/4" x 5/16"	.66	2.12	.63	.27	.70	.66	.15	M 12x1	21KB KS08 MPX	21KB KS08 MPN	21KB KS08 RVX	21KB KS08 EVX
Front Panel Install. Plastic Hose Conn.	5/32" x 1/4"	.86	1.65	.94	.27	.62	.94	.19	M 20x1	21KB KE46 MPX	21KB KE46 MPN	21KB KE46 RVX	21KB KE46 EVX
	1/4" x 5/16"	.86	1.65	.94	.27	.62	.94	.19	M 20x1	21KB KE08 MPX	21KB KE08 MPN	21KB KE08 RVX	21KB KE08 EVX
Front Panel Install. Hose Barb Panel Mount	5/32"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KB TE04 MPX	21KB TE04 MPN	21KB TE04 RVX	21KB TE04 EVX
	1/4"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KB TE06 MPX	21KB TE06 MPN	21KB TE06 RVX	21KB TE06 EVX
	5/16"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KB TE08 MPX	21KB TE08 MPN	21KB TE08 RVX	21KB TE08 EVX
	3/8"	.86	1.81	.94	.66	.62	.94	.19	M 20x1	21KB TE10 MPX	21KB TE10 MPN	21KB TE10 RVX	21KB TE10 EVX
Panel Mount Hose Barb	5/32"	.55	2.36	.63	.66	.55	.55	.15	M 10x1	21KB TS04 MPX	21KB TS04 MPN	21KB TS04 RVX	21KB TS04 EVX
	3/16"	.66	2.36	.63	.66	.55	.66	.15	M 12x1	21KB TS05 MPX	21KB TS05 MPN	21KB TS05 RVX	21KB TS05 EVX
	1/4"	.66	2.36	.63	.66	.55	.66	.15	M 12x1	21KB TS06 MPX	21KB TS06 MPN	21KB TS06 RVX	21KB TS06 EVX
5/16"	.66	2.36	.63	.66	.55	.66	.15	M 12x1	21KB TS08 MPX	21KB TS08 MPN	21KB TS08 RVX	21KB TS08 EVX	
Plastic Hose Conn. w/ Spring Guard	5/32" x 1/4"	.55	4.92	.63	.27	.27				21KB KK46 MPX	21KB KK46 MPN	21KB KK46 RVX	21KB KK46 EVX
	1/4" x 5/16"	.55	5.11	.63	.27	.23				21KB KK08 MPX	21KB KK08 MPN	21KB KK08 RVX	21KB KK08 EVX



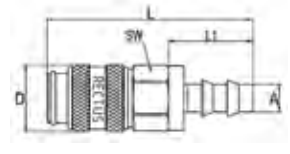
Male Thread Coupler



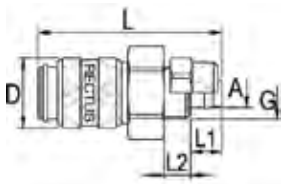
Female Thread Coupler



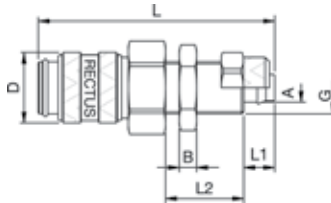
Hose Barb Coupler



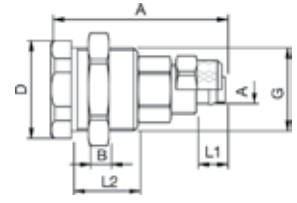
Push-Lock Hose Barb Coupler



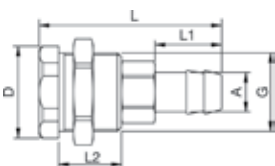
Plastic Hose Connection



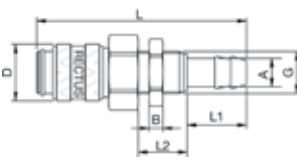
Panel Mount Plastic Hose Connect. Coupler



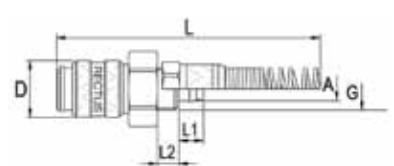
Front Panel Install. Plastic Hose Connection Coupler



Front Panel Install. Hose Barb Panel Mount



Panel Mount Hose Barb Coupler

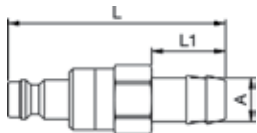


Plastic Hose Connect. with Spring Guard Coupler

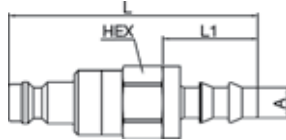
MICRO, SUB-MINIATURE & MINIATURE COUPLERS

SERIES 21 SB PLUGS

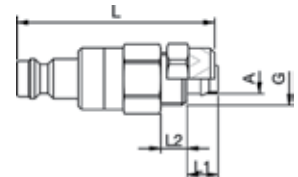
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Hose Barb	5/32"	.55	1.96		.66					21SB TF04 MPX	21SB TF04 MPN	21SB TF04 RVX	21SB TF04 EVX
	3/16"	.55	1.96		.66					21SB TF05 MPX	21SB TF05 MPN	21SB TF05 RVX	21SB TF05 EVX
	1/4"	.55	1.96		.66					21SB TF06 MPX	21SB TF06 MPN	21SB TF06 RVX	21SB TF06 EVX
	5/16"	.55	1.96		.66					21SB TF08 MPX	21SB TF08 MPN	21SB TF08 RVX	21SB TF08 EVX
	3/8"	.55	1.96		.66					21SB TF10 MPX	21SB TF10 MPN	21SB TF10 RVX	21SB TF10 EVX
Push-Lock Hose Barb	1/4" P.L.	.55	2.12		.78					21SB TP06 MPX	21SB TP06 MPN	21SB TP06 RVX	21SB TP06 EVX
Plastic Hose Connection	5/32" x 1/4"		1.81		.27	.23			M 10x1	21SB K046 MPX	21SB K046 MPN	21SB K046 RVX	21SB K046 EVX
	1/4" x 5/16"		1.81		.27	.23			M 12x1	21SB K008 MPX	21SB K008 MPN	21SB K008 RVX	21SB K008 EVX
Panel Mount Plastic Hose Connection	5/32" x 1/4"	.55	2.28		.27	.70	.47	.11	M 10x1	21SB KS46 MPX	21SB KS46 MPN	21SB KS46 RVX	21SB KS46 EVX
	1/4" x 5/16"	.55	2.28		.27	.70	.66	.15	M 12x1	21SB KS08 MPX	21SB KS08 MPN	21SB KS08 RVX	21SB KS08 EVX
Panel Mount, Hose Barb	5/32"	.55	2.51		.55	.55	.55	.15	M 10x1	21SB TS04 MPX	21SB TS04 MPN	21SB TS04 RVX	21SB TS04 EVX
	3/16"	.22	2.51		.55	.55	.55	.15	M 12x1	21SB TS05 MPX	21SB TS05 MPN	21SB TS05 RVX	21SB TS05 EVX
	1/4"	.55	2.51		.55	.55	.66	.15	M 12x1	21SB TS06 MPX	21SB TS06 MPN	21SB TS06 RVX	21SB TS06 EVX
	5/16"	.55	2.51		.55	.55	.66	.15	M 12x1	21SB TS08 MPX	21SB TS08 MPN	21SB TS08 RVX	21SB TS08 EVX
	3/8"	.55	2.51		.66	.55	.74	.15	M 14x1	21SB TS10 MPX	21SB TS10 MPN	21SB TS10 RVX	21SB TS10 EVX
Plastic Hose Connect. w/ Spring Guard	5/32" x 1/4"	.55	5.11		.27	.23			M 10x1	21SB KK46 MPX	21SB KK46 MPN	21SB KK46 RVX	21SB KK46 EVX
	1/4" x 5/16"	.55	5.31		.27	.23			M 12x1	21SB KK08 MPX	21SB KK08 MPN	21SB KK08 RVX	21SB KK08 EVX
Male Thread	1/8" NPT	.55	1.65		.35					21SB AN10 MPX	21SB AN10 MPN	21SB AN10 RVX	21SB AN10 EVX
	1/4" NPT	.55	1.77		.47					21SB AN13 MPX	21SB AN13 MPN	21SB AN13 RVX	21SB AN13 EVX
	3/8" NPT	.66	1.77		.47					21SB AN17 MPX	21SB AN17 MPN	21SB AN17 RVX	21SB AN17 EVX
Female Thread	1/8" NPSF	.55	1.71		.39					21SB IN10 MPX	21SB IN10 MPN	21SB IN10 RVX	21SB IN10 EVX
	1/4" NPSF	.66	1.96		.51					21SB IN13 MPX	21SB IN13 MPN	21SB IN13 RVX	21SB IN13 EVX
	1/4" NPSF	.74	2.04		.55					21SB IN17 MPX	21SB IN17 MPN	21SB IN17 RVX	21SB IN17 EVX



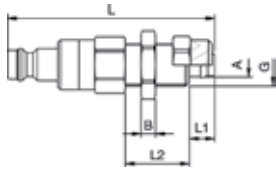
Hose Barb Plug



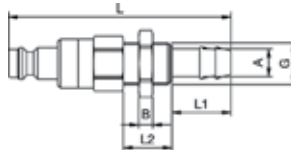
Push Lock Hose Barb Plug



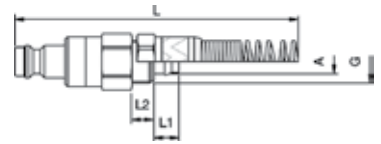
Plastic Hose Connection Plug



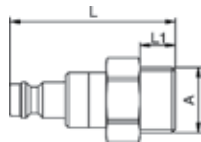
Panel Mount Plastic Hose Connect. Plug



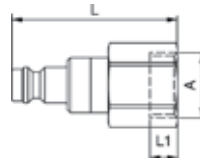
Panel Mount Hose Barb Plug



Plastic Hose Connect. with Spring Guard Plug



Male Thread Plug

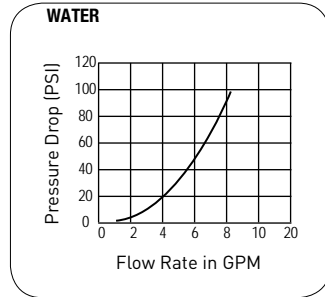
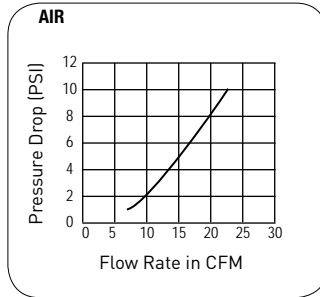


Female Thread Plug

SERIES 90 KA - Automatic Single Shut-Off - NOMINAL PLUG BORE .20"



The 90 Series is a variation of the 20 Series. The valve has been shortened so that the plug seals prior to opening the coupler's valve. In spite of the short valve, the well-proven, single hand operation is retained, as the ball-lock is replaced by a pin-lock. This extends the external diameter of the sleeve from 16mm to 20mm.



INTERCHANGE

RECTUS 21 KANI
EWO

Working Temperature depending on medium

- 4°F up to +210°F (NBR)
- 40°F up to +250/300°F (EPDM)
- +5°F up to +400°F (FKM)
- +32°F up to +600°F (FFKM)

At a temperature below -4°F and above +300°F special seals are available.

Working Pressure

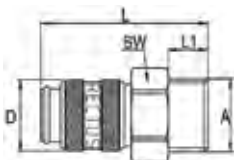
500 psi, maximum static working pressure with 4:1 design factor.

Note

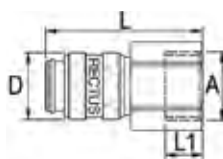
BSP male & female threads are available upon request.

MATERIAL		
COUPLER	STANDARD	NICKEL PLATED
Back Body	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass, Nickel Plated
Sleeve	Brass	Brass, Nickel Plated
Valve	Brass	Brass
Spring & Locking Ring	AISI 301	AISI 301
Locking Pins	AISI 420	AISI 420
Seals	NBR	NBR
PLUG	Brass (21 Series)	Brass, Nickel Plated (21 Series)

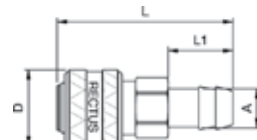
SERIES 90 KA Couplers											
Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N
Male Thread	1/8" NPT	.55	1.49	.78	.35					90KA AN10 MPX	90KA AN10 MPN
	1/4" NPT	.55	1.61	.78	.47					90KA AN13 MPX	90KA AN13 MPN
	3/8" NPT	.66	1.61	.78	.47					90KA AN17 MPX	90KA AN17 MPN
Female Thread	1/8" NPSF	.55	1.55	.78	.47					90KA IN10 MPX	90KA IN10 MPN
	1/4" NPSF	.66	1.77	.78	.51					90KA IN13 MPX	90KA IN13 MPN
	3/8" NPSF	.74	1.88	.78	.55					90KA IN17 MPX	90KA IN17 MPN
Hose Barb	5/32"	.55	1.81	.78	.66					90KA TF04 MPX	90KA TF04 MPN
	1/4"	.55	1.81	.78	.66					90KA TF06 MPX	90KA TF06 MPN
	5/16"	.55	1.81	.78	.66					90KA TF08 MPX	90KA TF08 MPN
	3/8"	.55	1.81	.78	.66					90KA TF10 MPX	90KA TF10 MPN



Male Thread Coupler



Female Thread Coupler

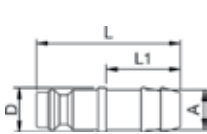


Hose Barb Coupler

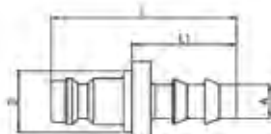
MICRO, SUB-MINIATURE & MINIATURE COUPLERS

SERIES 21 (90) SF Plugs

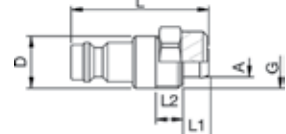
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Standard Design P/N	Nickel Plated P/N	AISI 303 P/N	AISI 316 L P/N
Hose Barb	5/32"		1.26	.35	.66					21SF TF04 MXX	21SF TF04 MXN	21SF TF04 RXX	21SF TF04 EXX
	3/16"		1.26	.35	.66					21SF TF05 MXX	21SF TF05 MXN	21SF TF05 RXX	21SF TF05 EXX
	1/4"		1.26	.35	.66					21SF TF06 MXX	21SF TF06 MXN	21SF TF06 RXX	21SF TF06 EXX
	5/16"		1.26	.35	.66					21SF TF08 MXX	21SF TF08 MXN	21SF TF08 RXX	21SF TF08 EXX
	3/8"		1.29	.47	.66					21SF TF10 MXX	21SF TF10 MXN	21SF TF10 RXX	21SF TF10 EXX
Plastic Hose Connection	5/32" x 1/4"		1.26	.39	.23	.23			M 10x1	21SF KO46 MXX	21SF KO46 MXN	21SF KO46 RXX	21SF KO46 EXX
	1/4" x 5/16"		1.26	.47	.23	.23			M 12x1	21SF KO08 MXX	21SF KO08 MXN	21SF KO08 RXX	21SF KO08 EXX
Panel Mount, Plastic Hose Conn.	5/32" x 1/4"	.55	1.73		.55	.71	.55	.16	M 10x1	21SF KS46 MXX	21SF KS46 MXN	21SF KS46 RXX	21SF KS46 EXX
	1/4" x 5/16"	.55	1.73		.27	.70	.66	.15	M 12x1	21SF KS08 MXX	21SF KS08 MXN	21SF KS08 RXX	21SF KS08 EXX
Panel Mount, Hose Barb	5/32"	.55	1.96		.66	.55	.55	.15	M 10x1	21SF TS04 MXX	21SF TS04 MXN	21SF TS04 RXX	21SF TS04 EXX
	3/16"	.55	1.96		.66	.55	.66	.15	M 12x1	21SF TS05 MXX	21SF TS05 MXN	21SF TS05 RXX	21SF TS05 EXX
	1/4"	.55	1.96		.66	.55	.66	.15	M 12x1	21SF TS06 MXX	21SF TS06 MXN	21SF TS06 RXX	21SF TS06 EXX
	5/16"	.55	1.96		.66	.55	.66	.15	M 12x1	21SF TS08 MXX	21SF TS08 MXN	21SF TS08 RXX	21SF TS08 EXX
	3/8"	.66	1.96		.66	.55	.74	.15	M 14x1	21SF TS10 MXX	21SF TS10 MXN	21SF TS10 RXX	21SF TS10 EXX
Plastic Hose Conn. w/ Spring Guard	5/32" x 1/4"		4.52	.39	.23	.23			M 10x1	21SF KK46 MXX	21SF KK46 MXN	21SF KK46 RXX	21SF KK46 EXX
	1/4" x 5/16"		4.72	.47	.23	.23			M 12x1	21SF KK08 MXX	21SF KK08 MXN	21SF KK08 RXX	21SF KK08 EXX
Male Thread	1/8" NPT	.43	1.06							21SF AN10 MXX	21SF AN10 MXN	21SF AN10 RXX	21SF AN10 EXX
	1/4" NPT	.55	1.20		.47					21SF AN13 MXX	21SF AN13 MXN	21SF AN13 RXX	21SF AN13 EXX
	3/8" NPT	.66	1.22		.47					21SF AN17 MXX	21SF AN17 MXN	21SF AN17 RXX	21SF AN17 EXX
Female Thread	1/8" NPSF	.55	1.14		.35					21SF IN10 MXX	21SF IN10 MXN	21SF IN10 RXX	21SF IN10 EXX
	1/4" NPSF	.66	1.33		.51					21SF IN13 MXX	21SF IN13 MXN	21SF IN13 RXX	21SF IN13 EXX



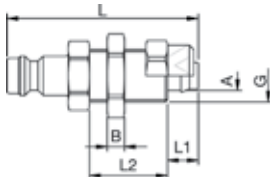
Hose Barb Plug



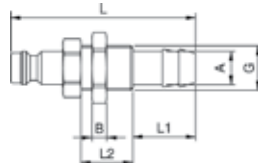
Push Lock Hose Barb Plug



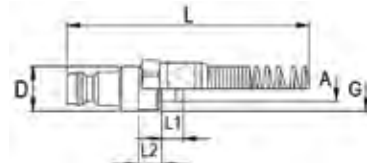
Plastic Hose Connection Plug



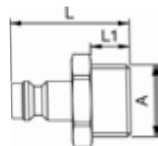
Panel Mount Plastic Hose Connect. Plug



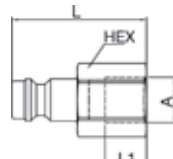
Panel Mount Hose Barb Plug



Plastic Hose Connect. with Spring Guard Plug



Male Thread Plug



Female Thread Plug