

# RECTUKEY (Keyed Couplers)

**RECTUKEY**



Series 21 KA, KB & KF  
F-101



Series 25 KA, KB & KF  
F-104

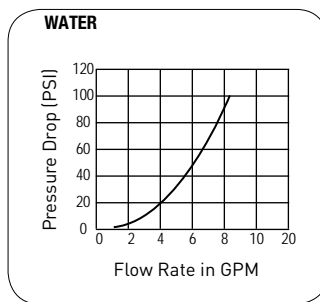
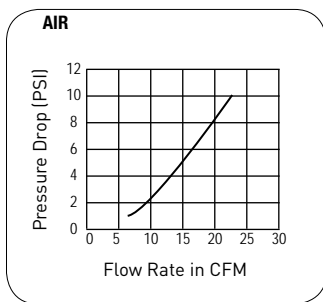
**Coming Soon....**  
**Thermoplastic Design**  
**Please check with Customer**  
**Service for details.**

**SERIES 21 KA & 21 KF RectuKey - 1/4" Body - Automatic Single Shut-Off & Automatic Straight -Thru - NOMINAL PLUG BORE .20"**

**SERIES 21 KB - Double Shut-Off**



The 21 RectuKey Series provides an excellent solution for the connecting of different media without the inherent danger of making the wrong connection. Four standard codes with matching colors for the coupling and the respective plugs make sure there is no mix-up of the media when connecting.



**Working Temperature** depending on medium

+25°F up to +572°F (NBR)  
 -4°C up to +300°C

**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.

**CAUTION**

Cannot be interconnected with the standard 21 Series.

MATERIAL		
COUPLER	STANDARD	NICKEL PLATED
Back Body	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass, Nickel Plated
Sleeve	Aluminium anodized	Aluminium anodized
Valve	Brass	Brass
Spring & Locking Ring	Stainless Steel, AISI 301	AISI 301
Locking Balls	Stainless Steel, AISI 420	AISI 420
Seals	NBR	NBR
PLUG	Brass with anodized aluminium designation	Brass, Nickel Plated with anodized aluminium designation

**Series 21 KA Standard Couplers (COLOR CODED)**

**STANDARD**

Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Color Code			
										Green P/N	Brown P/N	Blue P/N	Red P/N
Male Thread	1/8" NPT	.55	1.92	.63	.35					21KA AN10 MPX0	21KA AN10 MPX3	21KA AN10 MPX6	21KA AN10 MPX8
	1/4" NPT	.55	1.96	.63	.47					21KA AN13 MPX0	21KA AN13 MPX3	21KA AN13 MPX6	21KA AN13 MPX8
Female Thread	1/8" NPSF	.55	1.98	.63	.39					21KA IN10 MPX0	21KA IN10 MPX3	21KA IN10 MPX6	21KA IN10 MPX8
	1/4" NPSF	.66	2.16	.63	.51					21KA IN13 MPX0	21KA IN13 MPX3	21KA IN13 MPX6	21KA IN13 MPX8
Hose Barb	5/32"	.55	2.71	.63	.66					21KA TF04 MPX0	21KA TF04 MPX3	21KA TF04 MPX6	21KA TF04 MPX8
	1/4"	.55	2.71	.63	.66					21KA TF06 MPX0	21KA TF06 MPX3	21KA TF06 MPX6	21KA TF06 MPX8
	5/16"	.55	2.71	.63	.66					21KA TF08 MPX0	21KA TF08 MPX3	21KA TF08 MPX6	21KA TF08 MPX8
	3/8"	.55	2.71	.63	.66					21KA TF10 MPX0	21KA TF10 MPX3	21KA TF10 MPX6	21KA TF10 MPX8
Plastic Hose Connection	5/32" x 1/4"	.55	2.08	.63	.27	.23			M 12x1	21KA KO08 MPX0	21KA KO08 MPX3	21KA KO08 MPX6	21KA KO08 MPX8
	1/4" x 5/16"	.55	2.08	.63	.27	.23			M 10x1	21KA KO10 MPX0	21KA KO10 MPX3	21KA KO10 MPX6	21KA KO10 MPX8
Panel Mount Hose Barb	5/32"	.55	2.71	.63	.55	.66	.55	.15	M 10x1	21KA TS04 MPX0	21KA TS04 MPX3	21KA TS04 MPX6	21KA TS04 MPX8
	3/16"	.55	2.71	.63	.55	.66	.55	.15	M 12x1	21KA TS05 MPX0	21KA TS05 MPX3	21KA TS05 MPX6	21KA TS05 MPX8
	1/4"	.55	2.71	.63	.55	.66	.55	.15	M 12x1	21KA TS06 MPX0	21KA TS06 MPX3	21KA TS06 MPX6	21KA TS06 MPX8
	5/16"	.55	2.71	.63	.55	.66	.55	.15	M 12x1	21KA TS08 MPX0	21KA TS08 MPX3	21KA TS08 MPX6	21KA TS08 MPX8

**Series 21 KA Nickel Plated Couplers (COLOR CODED)**

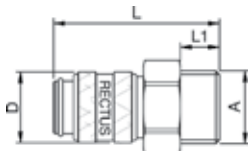
**NICKEL**

Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Color Code			
										Green P/N	Brown P/N	Blue P/N	Red P/N
Male Thread	1/8" NPT	.55	1.92	.63	.35					21KA AN10 MPN0	21KA AN10 MPN3	21KA AN10 MPN6	21KA AN10 MPN8
	1/4" NPT	.55	1.96	.63	.47					21KA AN13 MPN0	21KA AN13 MPN3	21KA AN13 MPN6	21KA AN13 MPN8
Female Thread	1/8" NPSF	.55	1.98	.63	.39					21KA IN10 MPN0	21KA IN10 MPN3	21KA IN10 MPN6	21KA IN10 MPN8
	1/4" NPSF	.66	2.16	.63	.51					21KA IN13 MPN0	21KA IN13 MPN3	21KA IN13 MPN6	21KA IN13 MPN8
Hose Barb	5/32"	.55	2.71	.63	.66					21KA TF04 MPN0	21KA TF04 MPN3	21KA TF04 MPN6	21KA TF04 MPN8
	1/4"	.55	2.71	.63	.66					21KA TF06 MPN0	21KA TF06 MPN3	21KA TF06 MPN6	21KA TF06 MPN8
	5/16"	.55	2.71	.63	.66					21KA TF08 MPN0	21KA TF08 MPN3	21KA TF08 MPN6	21KA TF08 MPN8
	3/8"	.55	2.71	.63	.66					21KA TF10 MPN0	21KA TF10 MPN3	21KA TF10 MPN6	21KA TF10 MPN8
Plastic Hose Connection	5/32" x 1/4"	.55	2.08	.63	.27	.23			M 12x1	21KA KO08 MPN0	21KA KO08 MPN3	21KA KO08 MPN6	21KA KO08 MPN8
	1/4" x 5/16"	.55	2.08	.63	.27	.23			M 10x1	21KA KO10 MPN0	21KA KO10 MPN3	21KA KO10 MPN6	21KA KO10 MPN8
Panel Mount Hose Barb	5/32"	.55	2.71	.63	.55	.66	.55	.15	M 10x1	21KA TS04 MPN0	21KA TS04 MPN3	21KA TS04 MPN6	21KA TS04 MPN8
	3/16"	.55	2.71	.63	.55	.66	.55	.15	M 12x1	21KA TS05 MPN0	21KA TS05 MPN3	21KA TS05 MPN6	21KA TS05 MPN8
	1/4"	.55	2.71	.63	.55	.66	.55	.15	M 12x1	21KA TS06 MPN0	21KA TS06 MPN3	21KA TS06 MPN6	21KA TS06 MPN8
	5/16"	.55	2.71	.63	.55	.66	.55	.15	M 12x1	21KA TS08 MPN0	21KA TS08 MPN3	21KA TS08 MPN6	21KA TS08 MPN8

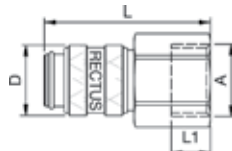
**This series is also available without a valve in a Straight -Thru design and a Double Shut-Off design.**

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

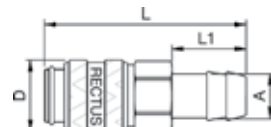
**For Double Shut-Off Couplers, please change the part number from 21KA to 21KB when ordering.**



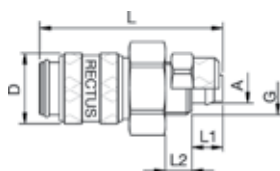
Male Thread Coupler



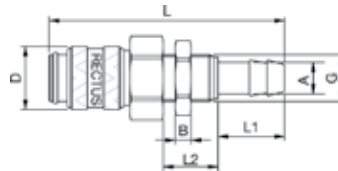
Female Thread Coupler



Hose Barb Coupler



Plastic Hose Connect. Coupler



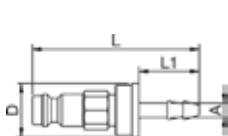
Panel Mount Hose Barb Coupler

Series 21 SF Standard Plugs (COLOR CODED) **STANDARD**

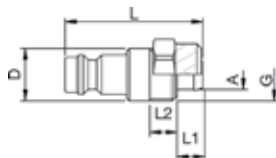
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Color Code			
										Green P/N	Brown P/N	Blue P/N	Red P/N
Hose Barb	5/32"		1.85	.59	.66					21SF TF04 MXX0	21SF TF04 MXX3	21SF TF04 MXX6	21SF TF04 MXX8
	1/4"		1.85	.59	.66					21SF TF06 MXX0	21SF TF06 MXX3	21SF TF06 MXX6	21SF TF06 MXX8
Plastic Hose Connection	5/32" x 1/4"		1.69	.59	.27	.23			M 10x1	21SF KO46 MXX0	21SF KO46 MXX3	21SF KO46 MXX6	21SF KO46 MXX8
	1/4" x 5/16"		1.69	.59	.27	.23			M 12x1	21SF KO08 MXX0	21SF KO08 MXX3	21SF KO08 MXX6	21SF KO08 MXX8
Panel Mount, Hose Barb	5/32"	.66	2.48		.66	.55	.55	.15	M 10x1	21SF TS04 MXX0	21SF TS04 MXX3	21SF TS04 MXX6	21SF TS04 MXX8
	1/4"	.66	2.48		.66	.55	.66	.15	M 12x1	21SF TS06 MXX0	21SF TS06 MXX3	21SF TS06 MXX6	21SF TS06 MXX8
Male Thread	1/8" NPT	.66	1.63		.35					21SF AN10 MXX0	21SF AN10 MXX3	21SF AN10 MXX6	21SF AN10 MXX8
	1/4" NPT	.66	1.75		.47					21SF AN13 MXX0	21SF AN13 MXX3	21SF AN13 MXX6	21SF AN13 MXX8
Female Thread	1/8" NPSF	.66	1.49		.35					21SF IN10 MXX0	21SF IN10 MXX3	21SF IN10 MXX6	21SF IN10 MXX8
	1/4" NPSF	.66	1.88		.51					21SF IN13 MXX0	21SF IN13 MXX3	21SF IN13 MXX6	21SF IN13 MXX8

Series 21 SF Nickel Plated Plugs (COLOR CODED) **NICKEL**

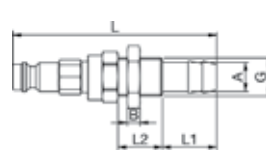
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Color Code			
										Green P/N	Brown P/N	Blue P/N	Red P/N
Hose Barb	5/32"		1.85	.59	.66					21SF TF04 MXN0	21SF TF04 MXN3	21SF TF04 MXN6	21SF TF04 MXN8
	1/4"		1.85	.59	.66					21SF TF06 MXN0	21SF TF06 MXN3	21SF TF06 MXN6	21SF TF06 MXN8
Plastic Hose Connection	5/32" x 1/4"		1.69	.59	.27	.23			M 10x1	21SF KO46 MXN0	21SF KO46 MXN3	21SF KO46 MXN6	21SF KO46 MXN8
	1/4" x 5/16"		1.69	.59	.27	.23			M 12x1	21SF KO08 MXN0	21SF KO08 MXN3	21SF KO08 MXN6	21SF KO08 MXN8
Panel Mount, Hose Barb	5/32"	.66	2.48		.66	.55	.55	.15	M 10x1	21SF TS04 MXN0	21SF TS04 MXN3	21SF TS04 MXN6	21SF TS04 MXN8
	1/4"	.66	2.48		.66	.55	.66	.15	M 12x1	21SF TS06 MXN0	21SF TS06 MXN3	21SF TS06 MXN6	21SF TS06 MXN8
Male Thread	1/8" NPT	.66	1.63		.35					21SF AN10 MXN0	21SF AN10 MXN3	21SF AN10 MXN6	21SF AN10 MXN8
	1/4" NPT	.66	1.75		.47					21SF AN13 MXN0	21SF AN13 MXN3	21SF AN13 MXN6	21SF AN13 MXN8
Female Thread	1/8" NPSF	.66	1.49		.35					21SF IN10 MXN0	21SF IN10 MXN3	21SF IN10 MXN6	21SF IN10 MXN8
	1/4" NPSF	.66	1.88		.51					21SF IN13 MXN0	21SF IN13 MXN3	21SF IN13 MXN6	21SF IN13 MXN8



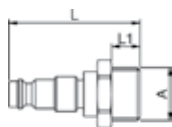
Hose Barb Plug



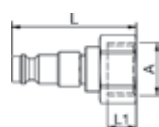
Plastic Hose Connection Plug



Panel Mount Hose Barb Plug



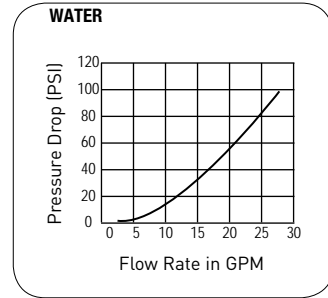
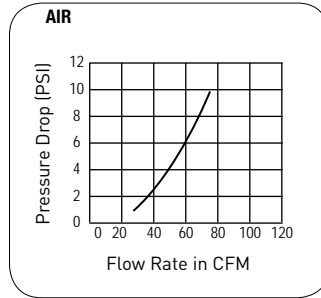
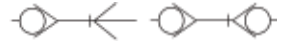
Male Thread Plug



Female Thread Plug

**SERIES 25 KA & KF RectuKey - 1/4" Body - Automatic Single Shut-Off & Straight -Thru - NOMINAL PLUG BORE .31"**

**SERIES 25 KB - Double Shut-Off**



**Working Temperature** depending on medium  
 -4°F up to +300°F (NBR)

**Working Pressure**

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

**Note**

BSP male & female threads are available upon request.

**CAUTION**

Cannot be interconnected with the standard 25 Series.

MATERIAL		
COUPLER	STANDARD	NICKEL PLATED
Back Body	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass, Nickel Plated
Sleeve	Aluminium, anodized	Aluminium, anodized
Valve	Zinc Die-Casting, Nickel Plated	Zinc Die-Casting, Nickel Plated
Spring & Locking Ring	AISI 301	AISI 301
Locking Balls	AISI 420	AISI 420
Seals	NBR	NBR
<b>PLUG</b>	Brass w/anodized aluminium designation	Brass, Nickel plated w/anodized aluminium designation

Series 25 KA Standard Couplers (COLOR CODED)

**STANDARD**

Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Green	Brown	Blue	Red
										P/N	P/N	P/N	P/N
Male Thread	1/4" NPT	.74	2.30	.90	.47					25KA AN13 BPX0	25KA AN13 BPX3	25KA AN13 BPX6	25KA AN13 BPX8
	3/8" NPT	.74	2.30	.90	.47					25KA AN17 BPX0	25KA AN17 BPX3	25KA AN17 BPX6	25KA AN17 BPX8
	1/2" NPT	.86	2.40	.90	.66					25KA AN21 BPX0	25KA AN21 BPX3	25KA AN21 BPX6	25KA AN21 BPX8
Female Thread	1/4" NPSF	.74	2.30	.90	.51					25KA IN13 BPX0	25KA IN13 BPX3	25KA IN13 BPX6	25KA IN13 BPX8
	3/8" NPSF	.74	2.55	.90	.55					25KA IN17 BPX0	25KA IN17 BPX3	25KA IN17 BPX6	25KA IN17 BPX8
	1/2" NPSF	.94	2.67	.90	.72					25KA IN21 BPX0	25KA IN21 BPX3	25KA IN21 BPX6	25KA IN21 BPX8
Hose Barb	1/4"	.74	2.91	.90	.98					25KA TF06 BPX0	25KA TF06 BPX3	25KA TF06 BPX6	25KA TF06 BPX8
	3/8"	.74	2.91	.90	.98					25KA TF10 BPX0	25KA TF10 BPX3	25KA TF10 BPX6	25KA TF10 BPX8
	1/2"	.74	2.91	.90	.98					25KA TF13 BPX0	25KA TF13 BPX3	25KA TF13 BPX6	25KA TF13 BPX8
Plastic Hose Connection	1/4" x 5/16"	.74	2.40	.90	.27	.23			M 12x1	25KA K008 BPX0	25KA K008 BPX3	25KA K008 BPX6	25KA K008 BPX8
	5/16" x .393"	.74	2.55	.90	.35	.31			M 16x1	25KA K010 BPX0	25KA K010 BPX3	25KA K010 BPX6	25KA K010 BPX8
	3/8" x .455"	.74	2.55	.90	.35	.31			M 16x1	25KA K012 BPX0	25KA K012 BPX3	25KA K012 BPX6	25KA K012 BPX8

Series 25 KA Nickel Plated Couplers (COLOR CODED)

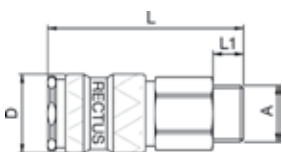
**NICKEL**

Coupler Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Green	Brown	Blue	Red
										P/N	P/N	P/N	P/N
Male Thread	1/4" NPT	.74	2.30	.90	.47					25KA AN13 BPN0	25KA AN13 BPN3	25KA AN13 BPN6	25KA AN13 BPN8
	3/8" NPT	.74	2.30	.90	.47					25KA AN17 BPN0	25KA AN17 BPN3	25KA AN17 BPN6	25KA AN17 BPN8
	1/2" NPT	.86	2.40	.90	.66					25KA AN21 BPN0	25KA AN21 BPN3	25KA AN21 BPN6	25KA AN21 BPN8
Female Thread	1/4" NPSF	.74	2.30	.90	.51					25KA IN13 BPN0	25KA IN13 BPN3	25KA IN13 BPN6	25KA IN13 BPN8
	3/8" NPSF	.74	2.55	.90	.55					25KA IN17 BPN0	25KA IN17 BPN3	25KA IN17 BPN6	25KA IN17 BPN8
	1/2" NPSF	.94	2.67	.90	.72					25KA IN21 BPN0	25KA IN21 BPN3	25KA IN21 BPN6	25KA IN21 BPN8
Hose Barb	1/4"	.74	2.91	.90	.98					25KA TF06 BPN0	25KA TF06 BPN3	25KA TF06 BPN6	25KA TF06 BPN8
	3/8"	.74	2.91	.90	.98					25KA TF10 BPN0	25KA TF10 BPN3	25KA TF10 BPN6	25KA TF10 BPN8
	1/2"	.74	2.91	.90	.98					25KA TF13 BPN0	25KA TF13 BPN3	25KA TF13 BPN6	25KA TF13 BPN8
Plastic Hose Connection	1/4" x 5/16"	.74	2.40	.90	.27	.23			M 12x1	25KA K008 BPN0	25KA K008 BPN3	25KA K008 BPN6	25KA K008 BPN8
	5/16" x .393"	.74	2.55	.90	.35	.31			M 16x1	25KA K010 BPN0	25KA K010 BPN3	25KA K010 BPN6	25KA K010 BPN8
	3/8" x .455"	.74	2.55	.90	.35	.31			M 16x1	25KA K012 BPN0	25KA K012 BPN3	25KA K012 BPN6	25KA K012 BPN8

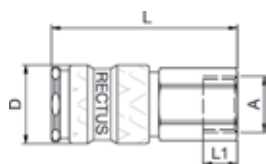
**This series is also available without a valve in a Straight -Thru design and a Double Shut-Off design.**

**For Straight -Thru Couplers, please change the part number from 25KA to 25KF when ordering.**

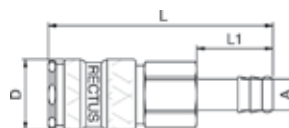
**For Double Shut-Off Couplers, please change the part number from 25KA to 25KB when ordering.**



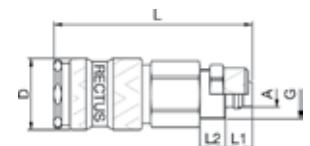
Male Thread Coupler



Female Thread Coupler



Hose Barb Coupler



Plastic Hose Connection Coupler

Series 26 (25) SF Standard Plugs (COLOR CODED)

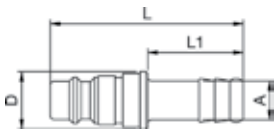
**STANDARD**

Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Green	Brown	Blue	Red
										P/N	P/N	P/N	P/N
Hose Barb	1/4"		1.98	.59	.98					26SF TF06 MXX0	26SF TF06 MXX3	26SF TF06 MXX6	26SF TF06 MXX8
	3/8"		1.98	.59	.98					26SF TF10 MXX0	26SF TF10 MXX3	26SF TF10 MXX6	26SF TF10 MXX8
	1/2"		1.98	.59	.98					26SF TF13 MXX0	26SF TF13 MXX3	26SF TF13 MXX6	26SF TF13 MXX8
Plastic Hose Connection	1/4" x 5/16"		1.71	.59	.27	.23			M 12x1	26SF KO08 MXX0	26SF KO08 MXX3	26SF KO08 MXX6	26SF KO08 MXX8
	5/16" x .393"	.66	1.79		.33	.33			M 16x1	26SF KO10 MXX0	26SF KO10 MXX3	26SF KO10 MXX6	26SF KO10 MXX8
Panel Mount, Hose Barb	1/4"	.66	2.36		.66	.55	.66	.15	M 12x1	26SF TS06 MXX0	26SF TS06 MXX3	26SF TS06 MXX6	26SF TS06 MXX8
	3/8"	.66	2.36		.66	.55	.66	.15	M 14x1	26SF TS10 MXX0	26SF TS10 MXX3	26SF TS10 MXX6	26SF TS10 MXX8
	1/2"	.74	2.67		.66	.55	.74	.15	M 16x1	26SF TS13 MXX0	26SF TS13 MXX3	26SF TS13 MXX6	26SF TS13 MXX8
Male Thread	1/4" NPT	.66	1.55		.47					26SF AN13 MXX0	26SF AN13 MXX3	26SF AN13 MXX6	26SF AN13 MXX8
	3/8" NPT	.66	1.61		.47					26SF AN17 MXX0	26SF AN17 MXX3	26SF AN17 MXX6	26SF AN17 MXX8
Female Thread	1/4" NPSF	.66	1.71		.51					26SF IN13 MXX0	26SF IN13 MXX3	26SF IN13 MXX6	26SF IN13 MXX8
	3/8" NPSF	.74	1.77		.55					26SF IN17 MXX0	26SF IN17 MXX3	26SF IN17 MXX6	26SF IN17 MXX8

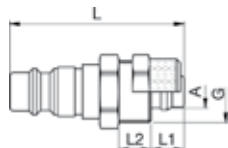
Series 26 (25) SF Nickel Plated Plugs (COLOR CODED)

**NICKEL**

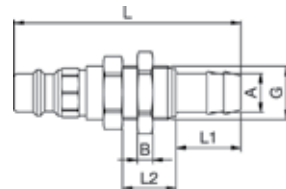
Plug Type	Connection (A)	Hex (SW)	Length (L)	Depth (D)	L1	L2	Hex1 (SW1)	B	G	Green	Brown	Blue	Red
										P/N	P/N	P/N	P/N
Hose Barb	1/4"		1.98	.59	.98					26SF TF06 MXN0	26SF TF06 MXN3	26SF TF06 MXN6	26SF TF06 MXN8
	3/8"		1.98	.59	.98					26SF TF10 MXN0	26SF TF10 MXN3	26SF TF10 MXN6	26SF TF10 MXN8
	1/2"		1.98	.59	.98					26SF TF13 MXN0	26SF TF13 MXN3	26SF TF13 MXN6	26SF TF13 MXN8
Plastic Hose Connection	1/4" x 5/16"		1.71	.59	.27	.23			M 12x1	26SF KO08 MXN0	26SF KO08 MXN3	26SF KO08 MXN6	26SF KO08 MXN8
	5/16" x .393"	.66	1.79		.33	.33			M 16x1	26SF KO10 MXN0	26SF KO10 MXN3	26SF KO10 MXN6	26SF KO10 MXN8
Panel Mount, Hose Barb	1/4"	.66	2.36		.66	.55	.66	.15	M 12x1	26SF TS06 MXN0	26SF TS06 MXN3	26SF TS06 MXN6	26SF TS06 MXN8
	3/8"	.66	2.36		.66	.55	.66	.15	M 14x1	26SF TS10 MXN0	26SF TS10 MXN3	26SF TS10 MXN6	26SF TS10 MXN8
	1/2"	.74	2.67		.66	.55	.74	.15	M 16x1	26SF TS13 MXN0	26SF TS13 MXN3	26SF TS13 MXN6	26SF TS13 MXN8
Male Thread	1/4" NPT	.66	1.55		.47					26SF AN13 MXN0	26SF AN13 MXN3	26SF AN13 MXN6	26SF AN13 MXN8
	3/8" NPT	.66	1.61		.47					26SF AN17 MXN0	26SF AN17 MXN3	26SF AN17 MXN6	26SF AN17 MXN8
Female Thread	1/4" NPSF	.66	1.71		.51					26SF IN13 MXN0	26SF IN13 MXN3	26SF IN13 MXN6	26SF IN13 MXN8
	3/8" NPSF	.74	1.77		.55					26SF IN17 MXN0	26SF IN17 MXN3	26SF IN17 MXN6	26SF IN17 MXN8



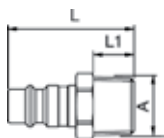
Hose Barb Plug



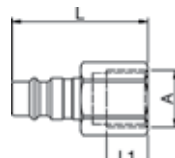
Plastic Hose Connection Plug



Panel Mount Hose Barb Plug



Male Thread Plug



Female Thread Plug