

Inch

**Flexible Tubing Fittings**

Pouce

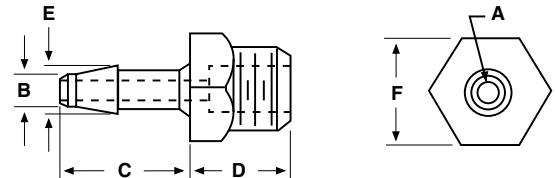
**Raccords pour tubes flexibles**

# MINIATURE FITTINGS

Our high-quality, leak-proof fittings are for use with Polyurethane tubing. Our close tolerance fittings maintain a sharp barb which makes a leak-proof seal. In addition no special tools or ferrules are required for fitting insertions. Fittings are stocked in Nylon, natural colour.



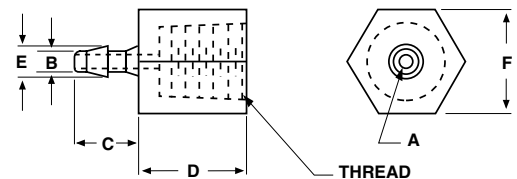
## Miniature Barbed Fittings



SPAENAUR No.	TUBING ID	THREAD	A	B	C	D	E	F	PKG QTY.
210-200	1/16 ID	10-32 UNF	.046	.075	.275	.285	.108	.245	25
210-201	1/8 ID	10-32 UNF	.078	.125	.375	.250	.175	.245	25
210-202	1/8 ID	1/4-28 UNF	.078	.125	.453	.375	.175	.312	25
210-203	1/4 ID	1/4-28 UNF	.140	.250	.765	.375	.359	.312	25
210-204	1/16 ID	1/8-27 NPT	.046	.068	.285	.610	.105	.438	25
210-205	1/8 ID	1/8-27 NPT	.078	.125	.453	.625	.175	.438	25
210-206	3/16 ID	1/8-27 NPT	.125	.187	.625	.625	.281	.438	25
210-207	1/4 ID	1/8-27 NPT	.187	.250	.766	.625	.359	.438	25
210-199	3/8 ID	1/8-27 NPT	.250	.375	.937	.619	.472	.434	25
210-208	1/16 ID	1/4-18 NPT	.046	.070	.290	.530	.107	.531	25
210-209	1/8 ID	1/4-18 NPT	.080	.125	.307	.700	.175	.531	25
210-210	3/16 ID	1/4-18 NPT	.130	.187	.525	.700	.250	.531	25
210-A01-1W	1/4 ID	1/4-18 NPT	.187	.250	.700	.700	.345	.560	25



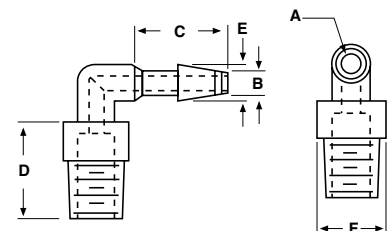
## Miniature Barbed Fittings



SPAENAUR No.	TUBING ID	THREAD	A	B	C	D	E	F	PKG QTY.
210-212	1/8 ID	1/8-27 FPT	.078	.125	.375	.659	.175	.625	25
210-213	1/8 ID	1/4-18 FPT	.078	.125	.375	.659	.175	.625	25



## 90 Degree Barbed Fittings



SPAENAUR No.	TUBING ID	THREAD	A	B	C	D	E	F	PKG QTY.
210-214	1/16 ID	10-32 UNF	.045	.062	.290	.262	.105	.240	25
210-215	1/8 ID	10-32 UNF	.078	.125	.310	.250	.175	.245	25
210-216	1/8 ID	1/8-27 NPT	.078	.125	.280	.617	.175	.430	25
210-217	3/16 ID	1/8-27 NPT	.125	.187	.630	.630	.250	.440	25
210-218	1/4 ID	1/8-27 NPT	.180	.250	.685	.630	.345	.430	25

Continued on the next page...

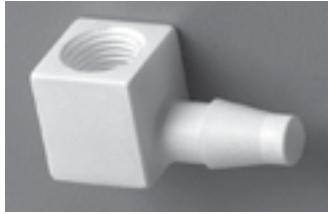
CATALOG 14 SPAENAUR

# Flexible Tubing Fittings

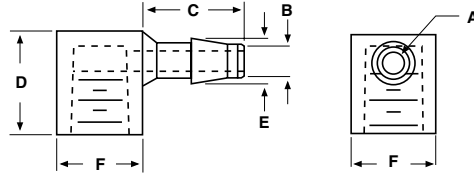
Inch

## Raccords pour tubes flexibles

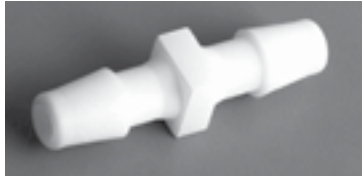
Pouce



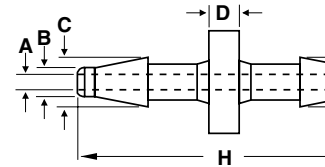
### 90 Degree Barbed Fittings



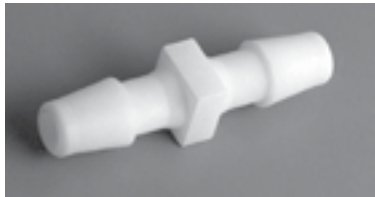
SPAENAUR No.	TUBING ID	THREAD	A	B	C	D	E	F	PKG QTY.
210-219	3/16 ID	1/8-27 FPT	.125	.187	.625	.625	.250	.562	25
210-220	1/4 ID	1/8-27	.190	.242	.680	.615	.340	.560	25



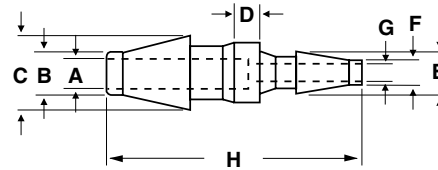
### Miniature Barbed Connectors



SPAENAUR No.	TUBING ID	A	B	C	D	E	F	G	H	PKG QTY.
210-221	1/16 ID to 1/16 ID	.047	.068	.125	.100	.125	.068	.047	.770	25
210-222	1/8 ID to 1/8 ID	.080	.125	.185	.100	.185	.125	.080	.832	25
210-225	3/16 ID to 3/16 ID	.120	.218	.275	.125	.275	.218	.120	1.175	25
210-226	1/4 ID to 1/4 ID	.187	.250	.355	.200	.355	.250	.187	2.002	25



### Barbed Reducing Connectors

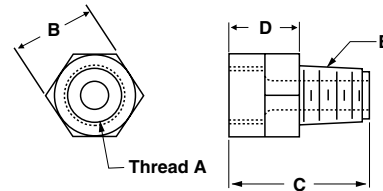


SPAENAUR No.	TUBING ID	A	B	C	D	E	F	G	H	PKG QTY.
210-227	1/16 ID to 3/32 ID	.060	.095	.145	.100	.125	.068	.047	.740	25
210-223	1/16 ID to 1/8 ID	.080	.125	.175	.100	.125	.068	.047	.830	25
210-224	3/16 ID to 1/8 ID	.125	.182	.292	.125	.187	.125	.086	1.250	25
210-A04-1A	1/4 ID to 5/32 ID	.187	.250	.350	.200	.229	.154	.100	1.540	25
*210-A03-1X	1/4 ID to 3/16 ID	.135	.250	.350	.125	.275	.187	.135	1.560	25

\* Round Center



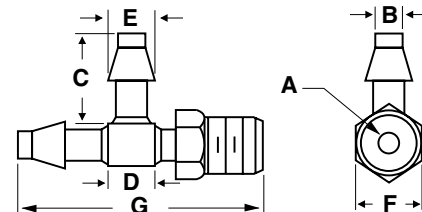
### Threaded Connector



SPAENAUR No.	A	B	C	D	E	PKG QTY.
210-230	1/8-27 FPT	.555	.875	.500	1/8-27 NPT	25



### Miniature Branch Elbow



SPAENAUR No.	TUBING ID	THREAD	A	B	C	D	E	F	G	PKG QTY.
210-231	3/16 ID	1/8-27 NPT	.135	.190	.635	.305	.280	.430	1.687	25

Continued on the next page...

G

Inch

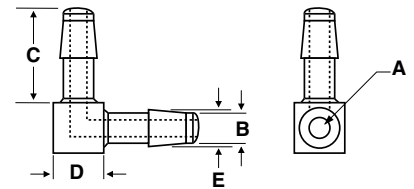
**Flexible Tubing Fittings**

Pouce

**Raccords pour tubes flexibles**



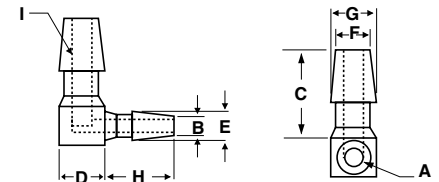
**Barbed Elbows**



SPAENAUR No.	TUBING ID	A	B	C	D	E	PKG QTY.
210-233	1/16 ID	.046	.068	.328	.125	.105	25
210-234	3/32 ID	.060	.095	.375	.187	.145	25
210-235	1/8 ID	.078	.125	.375	.250	.175	25
210-236	3/16 ID	.115	.187	.600	.345	.275	25
210-237	1/4 ID	.187	.250	.906	.375	.350	25



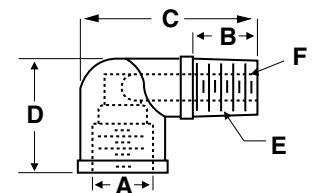
**Barbed Reducing Elbows**



SPAENAUR No.	TUBING ID	A	B	C	D	E	F	G	H	I	PKG QTY.
210-238	3/32 ID x 1/16 ID	.050	.055	.257	.125	.090	.091	.145	.206	.060	25



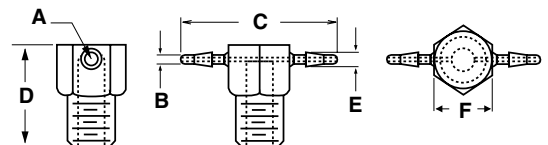
**Elbow**



SPAENAUR No.	THREAD A	B	C	D	THREAD E	F	PKG QTY.
210-240	1/8-27 FPT	.531	1.310	1.059	1/4-18 NPT	.245	25
210-241	1/4-18 FPT	.531	1.310	1.059	1/4-18 NPT	.245	25



**Miniature Branch Trees**



SPAENAUR No.	TUBING ID	THREAD	A	B	C	D	E	F	PKG QTY.
210-242	1/8 ID	10-32 UNF	.080	.125	.990	.560	.180	.250	25
210-243	1/16 ID	1/8-27 NPT	.045	.065	1.13	.880	.120	.430	25
210-244	1/4 ID	1/8-27 NPT	.185	.250	1.655	1.053	.345	.430	25

Continued on the next page...

# Flexible Tubing Fittings

Inch

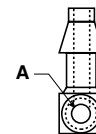
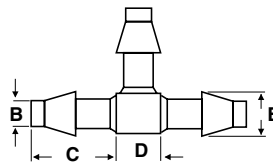
## Raccords pour tubes flexibles

Pouce

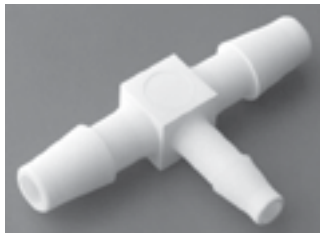


### Miniature Barbed Tees

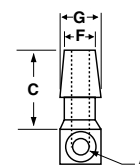
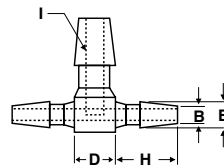
■ Tolerance ± .005



SPAENAUR No.	TUBING ID	A	B	C	D	E	PKG QTY.
210-245	1/16 ID 1/16 ID 1/16 ID	.046	.068	.328	.125	.107	25
210-246	1/8 ID 1/8 ID 1/8 ID	.078	.125	.395	.250	.175	25
210-247	3/16 ID 3/16 ID 3/16 ID	.120	.187	.605	.307	.240	25
210-248	1/4 ID 1/4 ID 1/4 ID	.187	.250	.906	.375	.350	25
■ 210-A02-1M	3/8 ID 3/8 ID 3/8 ID	.245	.370	.906	.500	.465	25



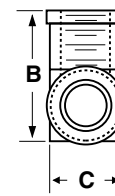
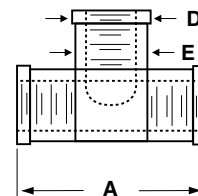
### Barbed Reducing Tees



SPAENAUR No.	TUBING ID	A	B	C	D	E	F	G	H	I	PKG QTY.
210-249	1/16 ID 1/16 ID 3/32 ID	.050	.055	.295	.125	.089	.097	.145	.180	.060	25
210-250	3/32 ID 3/32 ID 1/16 ID	.059	.098	.305	.187	.148	.067	.107	.386	.046	25



### Internally Threaded Tee

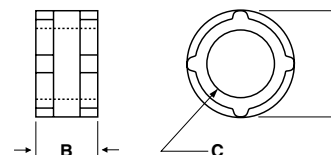


SPAENAUR No.	THREAD	A	B	C	D	E	PKG QTY.
210-251	1/8-27 FPT	1.50	1.00	.525	.560	.531	25
210-252	1/4-18 FPT	1.75	1.218	.680	.718	.687	25

**Locking sleeves** enable barbed fittings to be used in to 100% of the rated burst pressure of the flexible plastic tubing. To use, simply slide appropriate sleeve over suggested O.D. tubing. Insert miniature barbed fitting into tubing, slide sleeve back over barb, locking soft tubing onto the self sealing barb. **Locking sleeves** are recommended for thin wall flexible vinyl (PVC) tubing and other very soft grades tubing with little elastic memory.



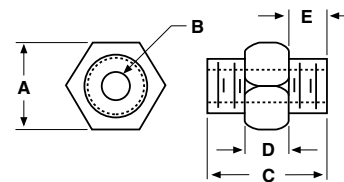
### Locking Sleeves



SPAENAUR No.	TUBING OD	A	B	C	PKG QTY.
210-253	1/8 OD	.310	.245	.147	25
210-254	5/32 OD	.375	.281	.176	25
210-255	3/16 OD	.400	.300	.215	25
210-256	1/4 OD	.435	.315	.260	25



### Miniature Nipple



SPAENAUR No.	THREAD	A	B	C	D	E	PKG QTY.
210-257	10-32 UNF to 10-32 UNF	.250	.078	.375	.175	.250	25

Continued on the next page...

G

Inch

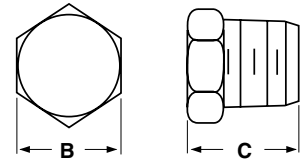
**Flexible Tubing Fittings**

Pouce

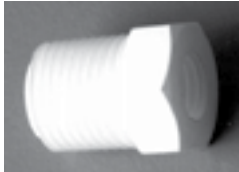
**Raccords pour tubes flexibles**



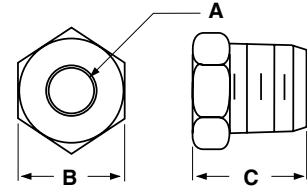
**Miniature Plugs**



SPAENAUR No.	THREAD	B	C	PKG QTY.
210-258	10-32 UNF	.250	.275	25
210-259	1/8-27 NPT	.440	.575	25
210-260	1/4-18 NPT	.525	.700	25



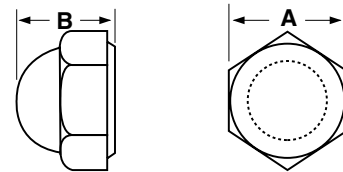
**Reducers**



SPAENAUR No.	THREAD	THREAD A	B	C	PKG QTY.
210-261	1/8-27 NPT	10-32 UNF	.440	.575	25
210-262	1/8-27 NPT	1/4-28 UNF	.440	.575	25
210-263	1/4-18 NPT	10-32 UNF	.525	.700	25
210-264	1/4-18 NPT	1/4-28 UNF	.525	.700	25
210-265	1/4-18 NPT	1/8-27 FPT	.525	.700	25



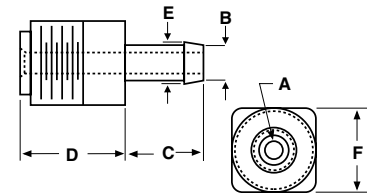
**Dome Nuts**



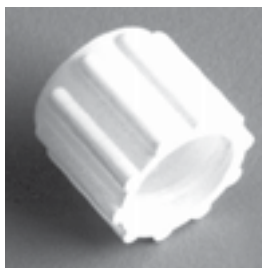
SPAENAUR No.	DESCRIPTION	A	B	PKG QTY.
210-266	1/8-27 FPT	.662	.710	25
210-267	1/4-18 FPT	.750	.810	25
210-268	3/8-18 FPT	.935	1.00	25



**Special Fittings Automotive**

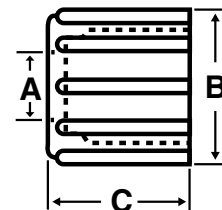


SPAENAUR No.	DESCRIPTION	A	B	C	D	E	F	PKG QTY.
210-269	5/32 ID 3/8-24 UNF	.110	.173	.380	.580	.230	.380	25



**Locking Nut**

(Use with high pressure application Male Luer fittings.)



SPAENAUR No.	A	B	C	PKG QTY.
210-277	.190	.440	.390	25

Continued on the next page...

Flexible Tubing Fittings

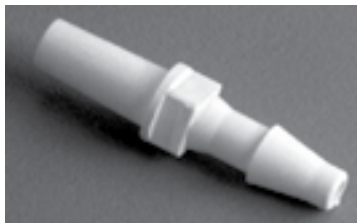
Inch

Raccords pour tubes flexibles

Pouce

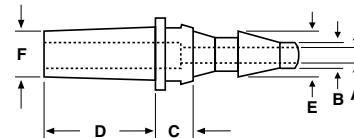
**QUICK DISCONNECT LUER FITTINGS**

STOCKED IN NATURAL NYLON

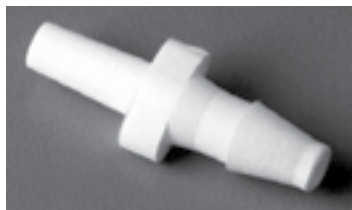


**Male Luer**

Recommended for high pressure applications. Fittings require the use of a Locking Nut. (See previous page.)

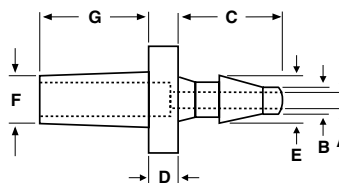


SPAENAUR No.	TUBING ID	A	B	C	D	E	F	PKG QTY.
210-270	1/16 ID	.046	.068	.265	.380	.105	.155	25
210-271	3/32 ID	.060	.095	.350	.380	.145	.155	25
210-272	1/8 ID	.078	.125	.450	.380	.187	.155	25



**Male Luer**

For use in low pressure or vacuum applications. No lock nut required.

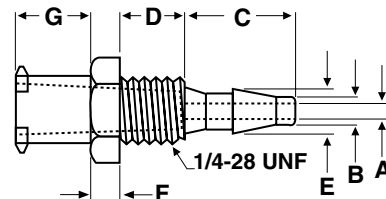


SPAENAUR No.	TUBING ID	A	B	C	D	E	F	G	PKG QTY.
210-273	1/16 ID	.046	.068	.265	.130	.105	.155	.380	25
210-274	3/32 ID	.060	.095	.350	.130	.145	.155	.380	25
210-275	1/8 ID	.078	.125	.450	.130	.187	.155	.380	25
210-276	5/32 ID	.100	.156	.480	.130	.232	.155	.380	25

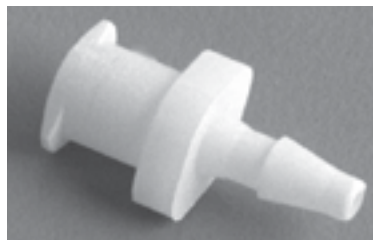


**Female Luer  
Bulkhead mounting  
External  
1/4-28 UNF Thread**

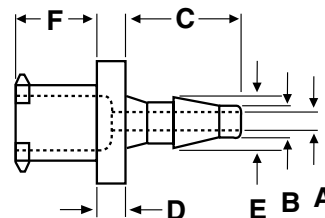
Bulkhead Quick Disconnect Luer Fittings are shipped complete with stamped 1/4 UNF Hex Nut.



SPAENAUR No.	TUBING ID	A	B	C	D	E	F	G	PKG QTY.
210-278	1/16 ID	.046	.068	.265	.250	.105	.100	.250	25
210-279	3/32 ID	.060	.095	.350	.250	.145	.100	.250	25
210-280	1/8 ID	.078	.125	.450	.250	.187	.100	.250	25



**Female Luer**



SPAENAUR No.	TUBING ID	A	B	C	D	E	F	PKG QTY.
210-281	1/16 ID	.046	.068	.265	.100	.105	.250	25
210-282	3/32 ID	.060	.095	.350	.100	.145	.250	25
210-283	1/8 ID	.078	.125	.450	.100	.187	.250	25
210-284	5/32 ID	.100	.156	.480	.100	.232	.250	25

Continued on the next page...

G

CATALOG 14

SPAENAUR

Inch

Pouce

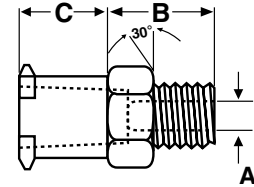
**Flexible Tubing Fittings**

Raccords pour tubes flexibles



STOCKED IN NATURAL NYLON

**Female Luer for use with Threaded Ports**

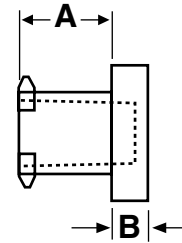


**SPAENAUR No.**  
210-285  
210-286

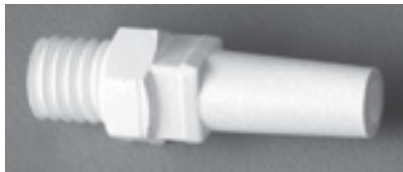
TUBING ID	A	B	C	PKG QTY.
10-32 UNF	.078	.260	.250	25
1/4-28 UNF	.100	.350	.250	25



**Female Luer Plug**

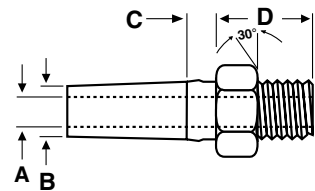


SPAENAUR No.	A	B	PKG QTY.
210-287	.250	.100	25



**Male Luer**

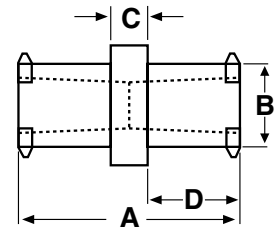
Male Luer is for use with Locking Nut.



SPAENAUR No.	THREAD	A	B	C	D	PKG QTY.
210-288	10-32 UNF	.100	.155	.380	.300	25
210-289	1/4-28 UNF	.100	.155	.380	.350	25



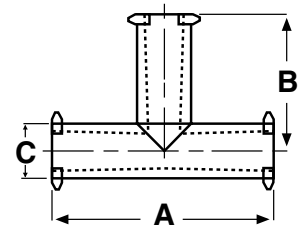
**Female Luer Connector**



SPAENAUR No.	A	B	C	D	PKG QTY.
210-290	.631	.230	.127	.245	25



**Female Luer Tee**



SPAENAUR No.	A	B	C	PKG QTY.
210-291	.940	.476	.230	25

**Swivel Nut for Adapter Hose Fittings**

*Nylon White*  
**SPAENAUR No.**  
210-293  
1/4" F.P.T.



**PKG QTY.**  
50

**G**

CATALOG 14

SPAENAUR