

## FLEXIBLE CONNECTIONS EXTENSIBLE IN STAINLES

### SEALING

The tightness tests are carried out at 100% of the production: each piece is tested individually and is immersed in water by internally applying pressurized air in order to test all the parts of the tube, mainly the welds. Sampling tests, including destructive ones, are also carried out in the internal laboratory, as required by the specific regulations in force..

### RADIUS OF CURVATURE

The radius of curvature must be at least 1.5 times the outer diameter of the tube. Never below this. If we have an outer diameter tube 18, the minimum radius of curvature is 27.

### MEASUREMENTS

CODE	THREAD	Ø	LENGTH	NUT
5171122000	1/2"	12	200-400	Brass
5171123000	1/2"	12	300-600	Brass
5171127500	1/2"	12	750-1500	Brass
5171342000	3/4"	20	200-400	Brass
5171343000	3/4"	20	300-600	Brass
5171347500	3/4"	20	750-1500	Brass
5171122000	1"	25	200-400	Brass

### MATERIALS

Corrugated tube obtained from stainless steel band. The types of stainless steel used are: AISI 321, AISI 304 or AISI 316L. The connections are made from bars of: carbon steel, brass CW619N, AISI 303 or AISI 304. The gaskets are made of EPDM.

### WELDINGS

All welding is carried out automatically using the TIG method, in an atmosphere protected by Argon, without any material input, through the direct fusion of the base materials.

### WORK PRESSURE

The maximum working pressure is 10 Bar.

