

# Self-Fastening Barb Connectors for NBR Hose

This range of fittings is designed to meet the requirements of the automotive and robotics industries, combining as it does **optimum CNOMO manufacturing quality**, simple installation, reliable operation and a **long service life**.

## Product Advantages

### Perfect for Self-Fastening NBR Hose

- Quick and simple to install
- Compatible with the Parker Legris range of brass compression fittings
- Mechanical properties proven for use in industrial robotic installations
- Spark-resistant

### Ergonomic and Time-Saving

- Fitting does not require lubrication or clamping, reducing assembly time
- Visual stop confirms installation is correct and improves operating safety
- Removal by cutting the tube
- The fitting can be re-used if necessary



**Applications**

- Welding Robots
- Pneumatics
- Compressed Air Systems
- Automotive Process
- Cooling

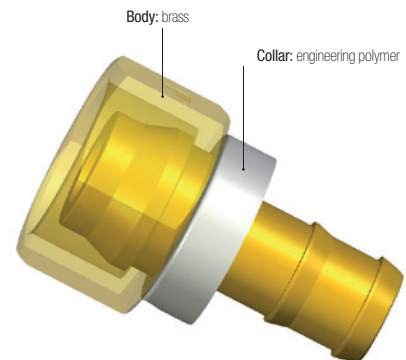
## Technical Characteristics

<b>Compatible Fluids</b>	Coolants, compressed air
<b>Working Pressure</b>	0 to 16 bar
<b>Working Temperature</b>	0°C to +100°C (water) -20°C to +70°C (air)

<b>Tightening Torque, Type 0132</b>	DN	6	8	10	14	18	22
	daN.m	0.7	1.5	1.8	3.5	6	7

Reliable performance is dependent upon the type of fluid conveyed and hose being used.

### Component Materials



**Silicone-free**

### Self-Fastening Hose Assembly Machine

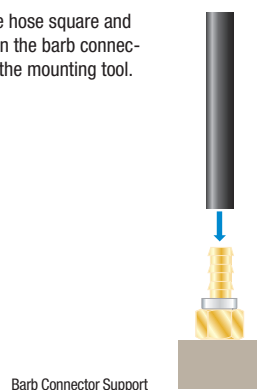
Machine designed to assemble a barb connector and a self-fastening NBR hose.

Machine part number:  
**0650 00 00 05**



#### Tube Cutting and Positioning

Cut the hose square and position the barb connector on the mounting tool.



#### Press-Fitting the Tube

Activate the press-fit tool; connection is complete when the tube is fully home on the barb connector. This tool has been designed for use with 5 different diameters and is easy to operate.




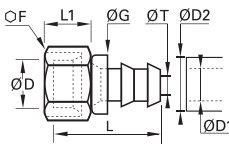

### Regulations

#### Industrial

DI: 2002/95/EC (RoHS), 2011/65/EC  
DI: 97/23/EC (PED)  
RG: 1907/2006 (REACH)  
CNOMO: E07.21.115N


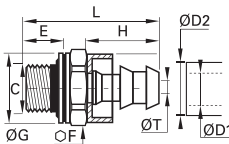

# Self-Fastening Barb Connectors for NBR Hose

## 0132 Self-Fastening Barb Connector for Brass Compression Fitting

	<p>Brass</p> 	ØD	ØD1	ØD2		F	G	L	L1	ØT	kg
		6	6.3	13	<a href="#">0132 06 56</a>	12	16.5	32.5	12.5	4.8	0.010
		8	6.3	13	<a href="#">0132 08 56</a>	14	16.5	29.5	11.5	4.8	0.015
		10	6.3	13	<a href="#">0132 10 56</a>	19	16.5	30	14	4.8	0.028
			9.5	16	<a href="#">0132 10 60</a>	19	19.5	34	14	7.5	0.030
		14	9.5	16	<a href="#">0132 14 60</a>	24	19.5	35.5	15	7.5	0.050
			12.7	19	<a href="#">0132 14 62</a>	24	23.5	39.5	15	10	0.054
		18	12.7	19	<a href="#">0132 18 62</a>	30	23.5	41.5	17	10	0.090
			15.9	23	<a href="#">0132 18 66</a>	30	27	50	17	13.5	0.090
		22	19.1	27	<a href="#">0132 22 69</a>	36	30.5	56.5	17	16	0.128


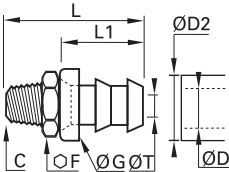

Polymer collar

## 0133..39 Self-Fastening Barb Connector with Bi-Material Seal, Male BSPP Thread

	<p>Brass, zinc-plated steel with NBR seal</p> 	ØD1	ØD2	C		E	F	G	H	L	ØT	kg
		6.3	13	G1/8	<a href="#">0133 56 10 39</a>	5.5	13	14	20	31.5	4.8	0.012
			13	G1/4	<a href="#">0133 56 13 39</a>	7	17	17	20	33.5	4.8	0.018
		9.5	16	G1/4	<a href="#">0133 60 13 39</a>	7	17	17	24	37.5	7.5	0.022
			16	G3/8	<a href="#">0133 60 17 39</a>	9.5	22	22	24	42.5	7.5	0.038
		12.7	19	G3/8	<a href="#">0133 62 17 39</a>	9.5	22	22	28	46.5	10	0.045
			19	G1/2	<a href="#">0133 62 21 39</a>	10.5	27	26	28	48.5	10	0.060
		15.9	23	G1/2	<a href="#">0133 66 21 39</a>	10.5	27	26	36.5	57	13.5	0.064
			23	G3/4	<a href="#">0133 66 27 39</a>	11.5	32	32	36.5	59	13.5	0.095
		19.1	27	G3/4	<a href="#">0133 69 27 39</a>	11.5	32	32	43	65.5	16	0.111

Thread with bi-material seal and polymer collar.  
Bi-material sealing washer part number 0139 can be found in Chapter 9.

## 0134 Self-Fastening Barb Connector, Male BSPT Thread

	<p>Brass</p> 	ØD1	ØD2	C		F	G	L	L1	ØT	kg
		6.3	13	R1/8	<a href="#">0134 56 10</a>	14	16.5	32.5	20	4.8	0.015
			13	R1/4	<a href="#">0134 56 13</a>	14	16.5	37	20	4.8	0.020
		9.5	16	R1/4	<a href="#">0134 60 13</a>	14	19.5	41	24	7.5	0.022
			16	R3/8	<a href="#">0134 60 17</a>	19	19.5	41.5	24	7.5	0.036
		12.7	19	R3/8	<a href="#">0134 62 17</a>	19	23.5	45.5	28	10	0.038
			19	R1/2	<a href="#">0134 62 21</a>	22	23.5	50	28	10	0.062
		15.9	23	R1/2	<a href="#">0134 66 21</a>	22	27	58.5	36.5	13.5	0.056
			23	R3/4	<a href="#">0134 66 27</a>	27	27	60.5	36.5	13.5	0.101
		19.1	27	R3/4	<a href="#">0134 69 27</a>	27	30.5	67	43	16	0.108

Polymer collar

Self-fastening NBR hose is selected by nominal diameter; for example:

Barb Connector	O.D. (Tube)	Ø DN (Tube)	Self-Fastening NBR hose
<b>0132 10 56</b>	<b>10</b>	<b>1/4</b>	<b>10..H 56...</b>

