

Catálogo de  
**PRODUTOS**



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# Componentes para **MONTAGEM**



**ANILHA**

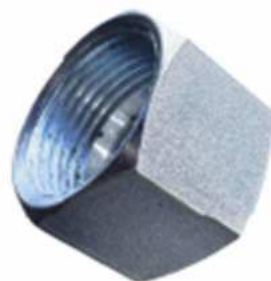
| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCC01.03      | 3/16          | 25              |
| LCC01.04      | 1/4           | 25              |
| LCC01.05      | 5/16          | 25              |
| LCC01.06      | 3/8           | 25              |
| LCC01.08      | 1/2           | 25              |
| LCC01.10      | 5/8           | 25              |

**ANILHA BOLEADA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCFM01.40     | 4MM           | 25              |
| LCFM01.60     | 6MM           | 25              |
| LCFM01.80     | 8MM           | 25              |
| LCFM01.100    | 10MM          | 25              |
| LCFM01.120    | 12MM          | 25              |
| LCFM01.160    | 16MM          | 25              |

**ANEL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCM01.40      | 4MM           | 25              |
| LCM01.60      | 6MM           | 25              |
| LCM01.80      | 8MM           | 25              |
| LCM01.100     | 10MM          | 25              |
| LCM01.120     | 12MM          | 25              |
| LCM01.140     | 14MM          | 25              |
| LCM01.150     | 15MM          | 25              |
| LCM01.160     | 16MM          | 25              |

**PORCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>           | <b>EMB. MIN</b> |
|---------------|-------------------------|-----------------|
| LCC02.03A     | 3/16 (ROSCA 3/8-24 F)   | 10              |
| LCC02.04A     | 1/4 (ROSCA 7/16-24 F)   | 10              |
| LCC02.05A     | 5/16 (ROSCA 1/2-24 F)   | 10              |
| LCC02.06A     | 3/8 (ROSCA 9/16-24 F)   | 10              |
| LCC02.08A     | 1/2 (ROSCA 1 1/16-20 F) | 10              |
| LCC02.10A     | 5/8 (ROSCA 1 3/16-18 F) | 10              |
| LCM02.40A     | 4MM (ROSCA M10 X 1)     | 10              |
| LCM02.60A     | 6MM (ROSCA M12 X 1,5)   | 10              |
| LCM02.80A     | 8MM (ROSCA M14 X 1,5)   | 10              |
| LCM02.100A    | 10MM (ROSCA M16 X 1,5)  | 10              |
| LCM02.120A    | 12MM (ROSCA M18 X 1,5)  | 10              |
| LCM02.140A    | 14MM (ROSCA M20 X 1,5)  | 10              |
| LCM02.150A    | 15MM (ROSCA M22 X 1,5)  | 10              |
| LCM02.160A    | 16MM (ROSCA M22 X 1,5)  | 10              |

**INSERT P/ TUBO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCC15.03      | 3/16          | 25              |
| LCC15.04      | 1/4           | 25              |
| LCC15.05      | 5/16          | 25              |
| LCC15.06      | 3/8           | 25              |
| LCC15.08      | 1/2           | 25              |
| LCC15.10      | 5/8           | 25              |
| LCM22.40      | 4 X 2         | 25              |
| LCM22.60      | 6 X 4         | 25              |
| LCM22.8005    | 8 X 5         | 25              |
| LCM22.8006    | 8 X 6         | 25              |
| LCM22.100     | 10 X 7        | 25              |
| LCM22.120     | 12 X 9        | 25              |
| LCM22.140     | 14 X 10       | 25              |
| LCM22.150     | 15 X 12       | 25              |
| LCM22.160     | 16 X 12       | 25              |

**CONTRA-PORCA P/ ROSCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCM20.100A    | M10 X 1       | 10              |
| LCM20.120A    | M12 X 1,5     | 10              |
| LCM20.140A    | M14 X 1,5     | 10              |
| LCM20.160A    | M16 X 1,5     | 10              |
| LCM20.220A    | M22 X 1,5     | 10              |

**ANEL DE ENCOSTO P/ ROSCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCM21.120A    | M12 X 1,5     | 10              |
| LCM21.140A    | M14 X 1,5     | 10              |
| LCM21.160A    | M16 X 1,5     | 10              |
| LCM21.220A    | M22 X 1,5     | 10              |

**ANEL O'RING P/ ROSCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCM26.100     | M10 X 1       | 10              |
| LCM26.120     | M12 X 1,5     | 10              |
| LCM26.140     | M14 X 1,5     | 10              |
| LCM26.160     | M16 X 1,5     | 10              |
| LCM26.220     | M22 X 1,5     | 10              |

**KIT REPARO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCFV31        | NG 16         | 1               |
| LCFV32        | NG 22         | 1               |

# Conexões retas

## **MONTADAS**



**UNIÃO****CÓDIGO****MEDIDA****EMB. MIN**

|             |                        |   |
|-------------|------------------------|---|
| LCC04.03MA  | 3/16                   | 5 |
| LCC04.04MA  | 1/4                    | 5 |
| LCC04.05MA  | 5/16                   | 5 |
| LCC04.06MA  | 3/8                    | 5 |
| LCC04.08MA  | 1/2                    | 5 |
| LCC04.10MA  | 5/8                    | 5 |
| LCM04.40MA  | 4MM                    | 5 |
| LCM04.60MA  | 6MM                    | 5 |
| LCM04.80MA  | 8MM                    | 5 |
| LCM04.100MA | 10MM                   | 5 |
| LCM04.120MA | 12MM                   | 5 |
| LCM04.140MA | 14MM (ROSCA M20 X 1,5) | 5 |
| LCM04.150MA | 15MM (ROSCA M22 X 1,5) | 5 |
| LCM04.160MA | 16MM (ROSCA M22 X 1,5) | 5 |

**UNIÃO REDUTORA****CÓDIGO****MEDIDA****EMB. MIN**

|                |         |   |
|----------------|---------|---|
| LCMT7.8060MA   | 8 X 6   | 5 |
| LCMT7.10060MA  | 10 X 6  | 5 |
| LCMT7.10080MA  | 10 X 8  | 5 |
| LCMT7.12080MA  | 12 X 8  | 5 |
| LCMT7.120100MA | 12 X 10 | 5 |

**CONECTOR MACHO****CÓDIGO****MEDIDA****EMB. MIN**

|                |                |   |
|----------------|----------------|---|
| LCC03.0302MA   | 3/16 X 1/8 NPT | 5 |
| LCC03.0402MA   | 1/4 X 1/8 NPT  | 5 |
| LCC03.0404MA   | 1/4 X 1/4 NPT  | 5 |
| LCC03.0406MA   | 1/4 X 3/8 NPT  | 5 |
| LCC03.0408MA   | 1/4 X 1/2 NPT  | 5 |
| LCC03.0502MA   | 5/16 X 1/8 NPT | 5 |
| LCC03.0504MA   | 5/16 X 1/4 NPT | 5 |
| LCC03.0506MA   | 5/16 X 3/8 NPT | 5 |
| LCC03.0508MA   | 5/16 X 1/2 NPT | 5 |
| LCC03.0602MA   | 3/8 X 1/8 NPT  | 5 |
| LCC03.0604MA   | 3/8 X 1/4 NPT  | 5 |
| LCC03.0606MA   | 3/8 X 3/8 NPT  | 5 |
| LCC03.0608MA   | 3/8 X 1/2 NPT  | 5 |
| LCC03.0804MA   | 1/2 X 1/4 NPT  | 5 |
| LCC03.0806MA   | 1/2 X 3/8 NPT  | 5 |
| LCC03.0808MA   | 1/2 X 1/2 NPT  | 5 |
| LCC03.1006MA   | 5/8 X 3/8 NPT  | 5 |
| LCC03.1008MA   | 5/8 X 1/2 NPT  | 5 |
| LCFM03.4002MA  | 4 X 1/8 NPT    | 5 |
| LCFM03.6002MA  | 6 X 1/8 NPT    | 5 |
| LCFM03.6004MA  | 6 X 1/4 NPT    | 5 |
| LCFM03.8002MA  | 8 X 1/8 NPT    | 5 |
| LCFM03.8004MA  | 8 X 1/4 NPT    | 5 |
| LCFM03.10004MA | 10 X 1/4 NPT   | 5 |
| LCFM03.10006MA | 10 X 3/8 NPT   | 5 |
| LCFM03.10008MA | 10 X 1/2 NPT   | 5 |
| LCFM03.12004MA | 12 X 1/4 NPT   | 5 |
| LCFM03.12006MA | 12 X 3/8 NPT   | 5 |
| LCFM03.12008MA | 12 X 1/2 NPT   | 5 |

**CONECTOR MACHO**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>   | <b>EMB. MIN</b> |
|----------------|-----------------|-----------------|
| LCFM03.04120MA | 1/4 X M12 X 1,5 | 5               |
| LCFM03.04160MA | 1/4 X M16 X 1,5 | 5               |
| LCFM03.06160MA | 3/8 X M16 X 1,5 | 5               |
| LCFM03.08160MA | 1/2 X M16 X 1,5 | 5               |
| LCFM03.08220MA | 1/2 X M22 X 1,5 | 5               |
| LCFM03.10160MA | 5/8 X M16 X 1,5 | 5               |
| LCFM03.10220MA | 5/8 X M22 X 1,5 | 5               |
| LCM03.60100MA  | 6 X M10 X 1     | 5               |
| LCM03.60120MA  | 6 X M12 X 1,5   | 5               |
| LCM03.60140MA  | 6 X M14 X 1,5   | 5               |
| LCM03.60160MA  | 6 X M16 X 1,5   | 5               |
| LCM03.80100MA  | 8 X M10 X 1     | 5               |
| LCM03.80120MA  | 8 X M12 X 1,5   | 5               |
| LCM03.80140MA  | 8 X M14 X 1,5   | 5               |
| LCM03.80160MA  | 8 X M16 X 1,5   | 5               |
| LCM03.80220MA  | 8 X M22 X 1,5   | 5               |
| LCM03.100100MA | 10 X M10 X 1    | 5               |
| LCM03.100120MA | 10 X M12 X 1,5  | 5               |
| LCM03.100140MA | 10 X M14 X 1,5  | 5               |
| LCM03.100160MA | 10 X M16 X 1,5  | 5               |
| LCM03.100220MA | 10 X M22 X 1,5  | 5               |
| LCM03.120100MA | 12 X M10 X 1    | 5               |
| LCM03.120120MA | 12 X M12 X 1,5  | 5               |
| LCM03.120140MA | 12 X M14 X 1,5  | 5               |
| LCM03.120160MA | 12 X M16 X 1,5  | 5               |
| LCM03.120220MA | 12 X M22 X 1,5  | 5               |
| LCM03.140160MA | 14 X M16 X 1,5  | 5               |
| LCM03.140220MA | 14 X M22 X 1,5  | 5               |
| LCM03.150160MA | 15 X M16 X 1,5  | 5               |
| LCM03.150220MA | 15 X M22 X 1,5  | 5               |
| LCM03.160160MA | 16 X M16 X 1,5  | 5               |
| LCM03.160220MA | 16 X M22 X 1,5  | 5               |

**CONECTOR FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|---------------|----------------|-----------------|
| LCC05.0402MA  | 1/4 X 1/8 NPT  | 5               |
| LCC05.0404MA  | 1/4 X 1/4 NPT  | 5               |
| LCC05.0502MA  | 5/16 X 1/8 NPT | 5               |
| LCC05.0504MA  | 5/16 X 1/4 NPT | 5               |
| LCC05.0602MA  | 3/8 X 1/8 NPT  | 5               |
| LCC05.0604MA  | 3/8 X 1/4 NPT  | 5               |
| LCC05.0804MA  | 1/2 X 1/4 NPT  | 5               |

**UNIÃO ANTEPARO CORPO FINO (CORPO M16 X 1,5)**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>                          | <b>EMB. MIN</b> |
|----------------|----------------------------------------|-----------------|
| LCM25.80160MA  | (CORPO M16 X 1,5)<br>OD 8 X M16 X 1,5  | 5               |
| LCM25.100160MA | (CORPO M16 X 1,5)<br>OD 10 X M16 X 1,5 | 5               |
| LCM25.120160MA | (CORPO M16 X 1,5)<br>OD 12 X M16 X 1,5 | 5               |

**UNIÃO ANTEPARO CORPO GROSSO (CORPO M22X1,5)**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>   | <b>EMB. MIN</b> |
|----------------|-----------------|-----------------|
| LCM23.60160MA  | 6 X M16 X 1,5   | 5               |
| LCM23.80160MA  | 8 X M16 X 1,5   | 5               |
| LCM23.100160MA | 10 X M16 X 1,5  | 5               |
| LCM23.120160MA | 12 X M16 X 1,5  | 5               |
| LCFM14.06160MA | 3/8 X M16 X 1,5 | 5               |
| LCFM14.08160MA | 1/2 X M16 X 1,5 | 5               |
| LCM23.60220MA  | 6 X M22 X 1,5   | 5               |
| LCM23.80220MA  | 8 X M22 X 1,5   | 5               |
| LCM23.100220MA | 10 X M22 X 1,5  | 5               |
| LCM23.120220MA | 12 X M22 X 1,5  | 5               |
| LCFM14.06220MA | 3/8 X M22 X 1,5 | 5               |
| LCFM14.08220MA | 1/2 X M22 X 1,5 | 5               |
| LCFM14.6008MA  | 6 X 1/2NPT      | 5               |
| LCFM14.8008MA  | 8 X 1/2NPT      | 5               |
| LCFM14.10008MA | 10 X 1/2NPT     | 5               |
| LCFM14.12008MA | 12 X 1/2NPT     | 5               |
| LCC14.0608MA   | 3/8 X 1/2NPT    | 5               |
| LCC14.0808MA   | 1/2 X 1/2NPT    | 5               |

**UNIÃO ANTEPARO FÊMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>         | <b>EMB. MIN</b> |
|----------------|-----------------------|-----------------|
| LCM24.160160MA | M16 X 1,5 X M16 X 1,5 | 5               |

**UNIÃO ANTEPARO MACHO X FÊMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>         | <b>EMB. MIN</b> |
|----------------|-----------------------|-----------------|
| LCM27.160160MA | M16 X 1,5 X M16 X 1,5 | 5               |
| LCM27.220160MA | M22 X 1,5 X M16 X 1,5 | 5               |
| LCFM27.08160MA | 1/2NPT X M16 X 1,5    | 5               |

# TEES e Cotovelos

## **MONTADOS**



**TEE UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>          | <b>EMB. MIN</b> |
|---------------|------------------------|-----------------|
| LCC12.03MA    | 3/16                   | 5               |
| LCC12.04MA    | 1/4                    | 5               |
| LCC12.05MA    | 5/16                   | 5               |
| LCC12.06MA    | 3/8                    | 5               |
| LCC12.08MA    | 1/2                    | 5               |
| LCM12.40MA    | 4MM                    | 5               |
| LCM12.60MA    | 6MM                    | 5               |
| LCM12.80MA    | 8MM                    | 5               |
| LCM12.100MA   | 10MM                   | 5               |
| LCM12.120MA   | 12MM                   | 5               |
| LCM12.140MA   | 14MM (ROSCA M20 X 1,5) | 5               |
| LCM12.150MA   | 15MM (ROSCA M22 X 1,5) | 5               |
| LCM12.160MA   | 16MM (ROSCA M22 X 1,5) | 5               |

**TEE UNIÃO REDUTOR**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>   | <b>EMB. MIN</b> |
|----------------|-----------------|-----------------|
| LCM12.608060MA | 6 X OD 8 X OD 6 | 5               |
| LCM12.806080MA | 8 X OD 6 X OD 8 | 5               |

**COTOVELO UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCC07.04MA    | 1/4           | 5               |
| LCC07.05MA    | 5/16          | 5               |
| LCC07.06MA    | 3/8           | 5               |
| LCC07.08MA    | 1/2           | 5               |
| LCM07.40MA    | 4MM           | 5               |
| LCM07.60MA    | 6MM           | 5               |
| LCM07.80MA    | 8MM           | 5               |
| LCM07.100MA   | 10MM          | 5               |
| LCM07.120MA   | 12MM          | 5               |

**COTOVELO MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|---------------|----------------|-----------------|
| LCC06.0302MA  | 3/16 X 1/8 NPT | 5               |
| LCC06.0402MA  | 1/4 X 1/8 NPT  | 5               |
| LCC06.0404MA  | 1/4 X 1/4 NPT  | 5               |
| LCC06.0406MA  | 1/4 X 3/8 NPT  | 5               |
| LCC06.0408MA  | 1/4 X 1/2 NPT  | 5               |
| LCC06.0502MA  | 5/16 X 1/8 NPT | 5               |
| LCC06.0504MA  | 5/16 X 1/4 NPT | 5               |
| LCC06.0506MA  | 5/16 X 3/8 NPT | 5               |
| LCC06.0508MA  | 5/16 X 1/2 NPT | 5               |
| LCC06.0602MA  | 3/8 X 1/8 NPT  | 5               |
| LCC06.0604MA  | 3/8 X 1/4 NPT  | 5               |
| LCC06.0606MA  | 3/8 X 3/8 NPT  | 5               |
| LCC06.0608MA  | 3/8 X 1/2 NPT  | 5               |
| LCC06.0802MA  | 1/2 X 1/8 NPT  | 5               |
| LCC06.0804MA  | 1/2 X 1/4 NPT  | 5               |
| LCC06.0806MA  | 1/2 X 3/8 NPT  | 5               |

**COTOVELO MACHO**

| <b>CÓDIGO</b>  | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|----------------|---------------|-----------------|
| LCC06.0808MA   | 1/2 X 1/2 NPT | 5               |
| LCC06.1006MA   | 5/8 X 3/8 NPT | 5               |
| LCC06.1008MA   | 5/8 X 1/2 NPT | 5               |
| LCFM06.4002MA  | 4 X 1/8 NPT   | 5               |
| LCFM06.6002MA  | 6 X 1/8 NPT   | 5               |
| LCFM06.6004MA  | 6 X 1/4 NPT   | 5               |
| LCFM06.8002MA  | 8 X 1/8 NPT   | 5               |
| LCFM06.8004MA  | 8 X 1/4 NPT   | 5               |
| LCFM06.10004MA | 10 X 1/4 NPT  | 5               |
| LCFM06.10006MA | 10 X 3/8 NPT  | 5               |
| LCFM06.10008MA | 10 X 1/2 NPT  | 5               |
| LCFM06.12002MA | 12 X 1/8 NPT  | 5               |
| LCFM06.12004MA | 12 X 1/4 NPT  | 5               |
| LCFM06.12006MA | 12 X 3/8 NPT  | 5               |
| LCFM06.12008MA | 12 X 1/2 NPT  | 5               |
| LCFM06.16008MA | 16 X 1/2 NPT  | 5               |

**COTOVELO MACHO**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>   | <b>EMB. MIN</b> |
|----------------|-----------------|-----------------|
| LCFM06.04120MA | 1/4 X M12 X 1,5 | 5               |
| LCFM06.04160MA | 1/4 X M16 X 1,5 | 5               |
| LCFM06.06160MA | 3/8 X M16 X 1,5 | 5               |
| LCFM06.08160MA | 1/2 X M16 X 1,5 | 5               |
| LCFM06.08220MA | 1/2 X M22 X 1,5 | 5               |
| LCFM06.10160MA | 5/8 X M16 X 1,5 | 5               |
| LCFM06.10220MA | 5/8 X M22 X 1,5 | 5               |
| LCM06.60100MA  | 6 X M10 X 1     | 5               |
| LCM06.60120MA  | 6 X M12 X 1,5   | 5               |
| LCM06.60140MA  | 6 X M14 X 1,5   | 5               |
| LCM06.60160MA  | 6 X M16 X 1,5   | 5               |
| LCM06.80100MA  | 8 X M10 X 1     | 5               |
| LCM06.80120MA  | 8 X M12 X 1,5   | 5               |
| LCM06.80140MA  | 8 X M14 X 1,5   | 5               |
| LCM06.80160MA  | 8 X M16 X 1,5   | 5               |
| LCM06.80220MA  | 8 X M22 X 1,5   | 5               |
| LCM06.100100MA | 10 X M10 X 1    | 5               |
| LCM06.100120MA | 10 X M12 X 1,5  | 5               |
| LCM06.100140MA | 10 X M14 X 1,5  | 5               |
| LCM06.100160MA | 10 X M16 X 1,5  | 5               |
| LCM06.100220MA | 10 X M22 X 1,5  | 5               |
| LCM06.120100MA | 12 X M10 X 1    | 5               |
| LCM06.120120MA | 12 X M12 X 1,5  | 5               |
| LCM06.120140MA | 12 X M14 X 1,5  | 5               |
| LCM06.120160MA | 12 X M16 X 1,5  | 5               |
| LCM06.120220MA | 12 X M22 X 1,5  | 5               |
| LCM06.140160MA | 14 X M16 X 1,5  | 5               |
| LCM06.140220MA | 14 X M22 X 1,5  | 5               |
| LCM06.150160MA | 15 X M16 X 1,5  | 5               |
| LCM06.150220MA | 15 X M22 X 1,5  | 5               |
| LCM06.160160MA | 16 X M16 X 1,5  | 5               |
| LCM06.160220MA | 16 X M22 X 1,5  | 5               |

**TEE MACHO CENTRAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|---------------|----------------|-----------------|
| LCC10.0402MA  | 1/4 X 1/8 NPT  | 5               |
| LCC10.0404MA  | 1/4 X 1/4 NPT  | 5               |
| LCC10.0504MA  | 5/16 X 1/4 NPT | 5               |
| LCC10.0604MA  | 3/8 X 1/4 NPT  | 5               |
| LCC10.0804MA  | 1/2 X 1/4 NPT  | 5               |

**TEE MACHO CENTRAL**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|----------------|----------------|-----------------|
| LCM10.60160MA  | 6 X M16 X 1,5  | 5               |
| LCM10.80160MA  | 8 X M16 X 1,5  | 5               |
| LCM10.100160MA | 10 X M16 X 1,5 | 5               |
| LCM10.120160MA | 12 X M16 X 1,5 | 5               |

**TEE MACHO LATERAL**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|----------------|----------------|-----------------|
| LCM11.60160MA  | 6 X M16 X 1,5  | 5               |
| LCM11.80160MA  | 8 X M16 X 1,5  | 5               |
| LCM11.100160MA | 10 X M16 X 1,5 | 5               |
| LCM11.120160MA | 12 X M16 X 1,5 | 5               |

# Conexões retas

## **ADAPTADORAS**



**PONTEIRA DA CUICA E ADAPTADOR DO ESPIRAL**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>           | <b>EMB. MIN</b> |
|----------------|-------------------------|-----------------|
| LCAM37.180160A | M18 X 1,5 X M16 X 1,5   | 5               |
| LCAM38.08160A  | M X M 11/16 X M16 X 1,5 | 5               |

**PONTEIRA DA CUICA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>          | <b>EMB. MIN</b> |
|---------------|------------------------|-----------------|
| LCAM37.1204A  | 3/4-20FIOS X 1/4NPT    | 5               |
| LCAM37.12160A | 3/4-20FIOS X M16 X 1,5 | 5               |

**ADAPTADOR DO ESPIRAL FEMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>           | <b>EMB. MIN</b> |
|----------------|-------------------------|-----------------|
| LCAM38.08160FA | M X F 11/16 X M16 X 1,5 | 5               |

**NIPLE MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA04.02A     | 1/8 NPT       | 5               |
| LCA04.04A     | 1/4 NPT       | 5               |
| LCA04.06A     | 3/8 NPT       | 5               |
| LCA04.08A     | 1/2 NPT       | 5               |
| LCA04.12A     | 3/4 NPT       | 5               |
| LCA04.16A     | 1 NPT         | 5               |

**NIPLE MACHO REDUTOR**

| <b>CÓDIGO</b> | <b>MEDIDA</b>     | <b>EMB. MIN</b> |
|---------------|-------------------|-----------------|
| LCA03.0402A   | 1/4 NPT X 1/8 NPT | 5               |
| LCA03.0604A   | 3/8 NPT X 1/4 NPT | 5               |
| LCA03.0804A   | 1/2 NPT X 1/4 NPT | 5               |
| LCA03.0806A   | 1/2 NPT X 3/8 NPT | 5               |
| LCA03.1208A   | 3/4 NPT X 1/2 NPT | 5               |

**NIPLE MACHO CURTO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>   | <b>EMB. MIN</b> |
|---------------|-----------------|-----------------|
| LCAM04.120A   | M12 X 1,5 CURTO | 5               |
| LCAM04.140A   | M14 X 1,5 CURTO | 5               |
| LCAM04.160A   | M16 X 1,5 CURTO | 5               |

**NIPLE MACHO X FÊMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>         | <b>EMB. MIN</b> |
|----------------|-----------------------|-----------------|
| LCAM05.12002A  | M12 X 1,5 X 1/8 NPT   | 5               |
| LCAM05.12004A  | M12 X 1,5 X 1/4 NPT   | 5               |
| LCAM05.120120A | M12 X 1,5 X M12 X 1,5 | 5               |
| LCAM05.120140A | M12 X 1,5 X M14 X 1,5 | 5               |
| LCAM05.120160A | M12 X 1,5 X M16 X 1,5 | 5               |
| LCAM05.14004A  | M14 X 1,5 X 1/4 NPT   | 5               |
| LCAM05.140120A | M14 X 1,5 X M12 X 1,5 | 5               |
| LCAM05.140140A | M14 X 1,5 X M14 X 1,5 | 5               |
| LCAM05.140160A | M14 X 1,5 X M16 X 1,5 | 5               |
| LCAM05.16006A  | M16 X 1,5 X 3/8 NPT   | 5               |
| LCAM05.16008A  | M16 X 1,5 X 1/2 NPT   | 5               |
| LCAM05.160120A | M16 X 1,5 X M12 X 1,5 | 5               |
| LCAM05.160140A | M16 X 1,5 X M14 X 1,5 | 5               |
| LCAM05.160160A | M16 X 1,5 X M16 X 1,5 | 5               |
| LCAM05.160180A | M16 X 1,5 X M18 X 1,5 | 5               |
| LCAM05.160220A | M16 X 1,5 X M22 X 1,5 | 5               |
| LCAM05.180160A | M18 X 1,5 X M16 X 1,5 | 5               |
| LCAM05.22008A  | M22 X 1,5 X 1/2 NPT   | 5               |

**NIPLE MACHO LONGO**

| <b>CÓDIGO</b>   | <b>MEDIDA</b>               | <b>EMB. MIN</b> |
|-----------------|-----------------------------|-----------------|
| LCAM04.160AL    | M16 X 1,5 LONGO             | 5               |
| LCAM03.160220AL | M16 X 1,5 X M22 X 1,5 LONGO | 5               |

**NIPLE MACHO REDUTOR**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>               | <b>EMB. MIN</b> |
|----------------|-----------------------------|-----------------|
| LCAM03.04160A  | 1/4 NPT X M16 X 1,5         | 5               |
| LCAM03.04220A  | 1/4 NPT X M22 X 1,5         | 5               |
| LCAM03.08160A  | 1/2 NPT X M16 X 1,5         | 5               |
| LCAM03.160220A | M16 X 1,5 X M22 X 1,5 CURTO | 5               |

**NIPLE MACHO X FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>       | <b>EMB. MIN</b> |
|---------------|---------------------|-----------------|
| LCA05.0202A   | 1/8 NPT X 1/8 NPT   | 5               |
| LCA05.0204A   | 1/8 NPT X 1/4 NPT   | 5               |
| LCA05.0404A   | 1/4 NPT X 1/4 NPT   | 5               |
| LCA05.0406A   | 1/4 NPT X 3/8 NPT   | 5               |
| LCA05.0408A   | 1/4 NPT X 1/2 NPT   | 5               |
| LCAM05.02120A | 1/8 NPT X M12 X 1,5 | 5               |
| LCAM05.04120A | 1/4 NPT X M12 X 1,5 | 5               |
| LCAM05.04140A | 1/4 NPT X M14 X 1,5 | 5               |
| LCAM05.04160A | 1/4 NPT X M16 X 1,5 | 5               |
| LCAM05.04220A | 1/4 NPT X M22 X 1,5 | 5               |
| LCAM05.06160A | 3/8 NPT X M16 X 1,5 | 5               |
| LCAM05.08220A | 1/2 NPT X M22 X 1,5 | 5               |

**NIPLE MACHO X FÊMEA C/REBAIXO**

| <b>CÓDIGO</b>    | <b>MEDIDA</b>                    | <b>EMB. MIN</b> |
|------------------|----------------------------------|-----------------|
| LCAM05.160220ACR | M16 X 1,5 X M22 X 1,5 C/ REBAIXO | 5               |

**REDUTORA MACHO X FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>       | <b>EMB. MIN</b> |
|---------------|---------------------|-----------------|
| LCA13.0402A   | 1/4 NPT X 1/8 NPT   | 5               |
| LCA13.0602A   | 3/8 NPT X 1/8 NPT   | 5               |
| LCA13.0604A   | 3/8 NPT X 1/4 NPT   | 5               |
| LCA13.0802A   | 1/2 NPT X 1/8 NPT   | 5               |
| LCA13.0804A   | 1/2 NPT X 1/4 NPT   | 5               |
| LCA13.0806A   | 1/2 NPT X 3/8 NPT   | 5               |
| LCA13.1204A   | 3/4 NPT X 1/4 NPT   | 5               |
| LCA13.1206A   | 3/4 NPT X 3/8 NPT   | 5               |
| LCA13.1208A   | 3/4 NPT X 1/2 NPT   | 5               |
| LCA13.1604A   | 1 NPT X 1/4 NPT     | 5               |
| LCA13.1606A   | 1 NPT X 3/8 NPT     | 5               |
| LCA13.1608A   | 1 NPT X 1/2 NPT     | 5               |
| LCA13.1612A   | 1 NPT X 3/4 NPT     | 5               |
| LCAM13.08160A | 1/2 NPT X M16 X 1,5 | 5               |

**REDUTORA MACHO X FÊMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>         | <b>EMB. MIN</b> |
|----------------|-----------------------|-----------------|
| LCAM13.16004A  | M16 X 1,5 X 1/4 NPT   | 5               |
| LCAM13.22004A  | M22 X 1,5 X 1/4 NPT   | 5               |
| LCAM13.22006A  | M22 X 1,5 X 3/8 NPT   | 5               |
| LCAM13.220120A | M22 X 1,5 X M12 X 1,5 | 5               |
| LCAM13.220140A | M22 X 1,5 X M14 X 1,5 | 5               |
| LCAM13.220160A | M22 X 1,5 X M16 X 1,5 | 5               |

**TAMPÃO MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA22.02A     | 1/8 NPT       | 5               |
| LCA22.04A     | 1/4 NPT       | 5               |
| LCA22.06A     | 3/8 NPT       | 5               |
| LCA22.08A     | 1/2 NPT       | 5               |
| LCA22.12L     | 3/4 NPT       | 5               |
| LCA22.16L     | 1 NPT         | 5               |

**TAMPÃO MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCAM22.120A   | M12 X 1,5     | 5               |
| LCAM22.140A   | M14 X 1,5     | 5               |
| LCAM22.160A   | M16 X 1,5     | 5               |
| LCAM22.180A   | M18 X 1,5     | 5               |
| LCAM22.220A   | M22 X 1,5     | 5               |

**TAMPÃO SEXTAVADO INTERNO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA29.02A     | 1/8 BSP       | 5               |
| LCA29.04A     | 1/4 BSP       | 5               |
| LCA29.06A     | 3/8 BSP       | 5               |
| LCA29.08A     | 1/2 BSP       | 5               |

**LUVA FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA16.02A     | 1/8 NPT       | 5               |
| LCA16.04A     | 1/4 NPT       | 5               |
| LCA16.06A     | 3/8 NPT       | 5               |
| LCA16.08A     | 1/2 NPT       | 5               |
| LCAM16.120A   | M12 X 1,5     | 5               |
| LCAM16.140A   | M14 X 1,5     | 5               |
| LCAM16.160A   | M16 X 1,5     | 5               |
| LCAM16.220A   | M22 X 1,5     | 5               |

**BICO PARA MANGUEIRA**

| <b>CÓDIGO</b>   | <b>MEDIDA</b>     | <b>EMB. MIN</b> |
|-----------------|-------------------|-----------------|
| LCA18.0402A     | 1/4 X 1/8 NPT     | 5               |
| LCA18.0502A     | 5/16 X 1/8 NPT    | 5               |
| LCA18.0602A     | 3/8 X 1/8 NPT     | 5               |
| LCA18.0802A     | 1/2 X 1/8 NPT     | 5               |
| LCA18.0404A     | 1/4 X 1/4 NPT     | 5               |
| LCA18.0504A     | 5/16 X 1/4 NPT    | 5               |
| LCA18.0604A     | 3/8 X 1/4 NPT     | 5               |
| LCA18.0804A     | 1/2 X 1/4 NPT     | 5               |
| LCA18.0806A     | 1/2 X 3/8 NPT     | 5               |
| LCA18.0808A     | 1/2 X 1/2 NPT     | 5               |
| LCA18.0812A     | 1/2 X 3/4 NPT     | 5               |
| LCA18.1208A     | 3/4 X 1/2 NPT     | 5               |
| LCA18.1212A     | 3/4 X 3/4 NPT     | 5               |
| LCA18.1612A     | 1 X 3/4 NPT       | 5               |
| LCA18.1616A     | 1 X 1 NPT         | 5               |
| LCA18.16041604L | 1.1/4 X 1.1/4 NPT | 5               |
| LCA18.16081608L | 1.1/2 X 1.1/2 NPT | 5               |

**BICO PARA MANGUEIRA FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|---------------|----------------|-----------------|
| LCA26.0402A   | 1/4 X 1/8 NPT  | 5               |
| LCA26.0404A   | 1/4 X 1/4 NPT  | 5               |
| LCA26.0504A   | 5/16 X 1/4 NPT | 5               |
| LCA26.0604A   | 3/8 X 1/4 NPT  | 5               |
| LCA26.0804A   | 1/2 X 1/4 NPT  | 5               |

**UNIÃO ESCAMADA PARA MANGUEIRA DE BORRACHA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA20.04A     | 1/4           | 5               |
| LCA20.05A     | 5/16          | 5               |
| LCA20.06A     | 3/8           | 5               |
| LCA20.08A     | 1/2           | 5               |

**UNIÃO ESCAMADA PARA TUBO DE NYLON**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCAM36.60A    | 6 X 4         | 5               |
| LCAM36.80A    | 8 X 5         | 5               |
| LCAM36.100A   | 10 X 7        | 5               |
| LCAM36.120A   | 12 X 9        | 5               |

**BICO PARA ACIONAR TOMADA DE TESTE**

| <b>CÓDIGO</b> | <b>MEDIDA</b>    | <b>EMB. MIN</b> |
|---------------|------------------|-----------------|
| LCM18.04160A  | 1/4 X M16 X 1,5  | 5               |
| LCM18.05160A  | 5/16 X M16 X 1,5 | 5               |
| LCM18.06160A  | 3/8 X M16 X 1,5  | 5               |

**TOMADA DE TESTE**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCM19.160A    | M16 X 1,5     | 5               |

**PONTEIRA UBL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCFV01        | M16 X 1,5     | 5               |
| LCFV02        | M22 X 1,5     | 5               |

**REDUTORA MACHO X FEMEA PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                | <b>EMB. MIN</b> |
|---------------|------------------------------|-----------------|
| LBT.350       | M35 X 1,5 X M14 X 1,5 ANTIGA | 5               |
| LBT.380       | M38 X 3 X M14 X 1,5 MODERNA  | 5               |

# **TEES e Cotovelos** **ADAPTADORES**



**TEE MACHO CENTRAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA01.04      | 1/4 NPT       | 5               |

**TEE MACHO CENTRAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCAM01.160    | M16 X 1,5     | 5               |

**TEE MACHO LATERAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA11.02      | 1/8 NPT       | 5               |
| LCA11.04      | 1/4 NPT       | 5               |
| LCA11.06      | 3/8 NPT       | 5               |
| LCA11.08      | 1/2 NPT       | 5               |

**TEE MACHO LATERAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b>         | <b>EMB. MIN</b> |
|---------------|-----------------------|-----------------|
| LCAM11.160    | M16 X 1,5 (TEE TESTE) | 5               |
| LCAM11.220    | M22 X 1,5             | 5               |

**COTOVELO MACHO X FEMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA08.02      | 1/8 NPT       | 5               |
| LCA08.04      | 1/4 NPT       | 5               |
| LCA08.06      | 3/8 NPT       | 5               |
| LCA08.08      | 1/2 NPT       | 5               |
| LCA08.12      | 3/4 NPT       | 5               |
| LCA08.16      | 1 NPT         | 5               |

**COTOVELO MACHO X FEMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCAM08.160    | M16 X 1,5     | 5               |
| LCAM08.220    | M22 X 1,5     | 5               |

**COTOVELO FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA07.02      | 1/8 NPT       | 5               |
| LCA07.04      | 1/4 NPT       | 5               |
| LCA07.06      | 3/8 NPT       | 5               |
| LCA07.08      | 1/2 NPT       | 5               |
| LCA07.12      | 3/4 NPT       | 5               |
| LCA07.16      | 1 NPT         | 5               |
| LCAM07.160    | M16 X 1,5     | 5               |
| LCAM07.220    | M22 X 1,5     | 5               |

**TEE FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA10.02      | 1/8 NPT       | 5               |
| LCA10.04      | 1/4 NPT       | 5               |
| LCA10.06      | 3/8 NPT       | 5               |
| LCA10.08      | 1/2 NPT       | 5               |
| LCA10.12      | 3/4 NPT       | 5               |
| LCA10.16      | 1 NPT         | 5               |
| LCAM10.160    | M16 X 1,5     | 5               |
| LCAM10.220    | M22 X 1,5     | 5               |

**COTOVELO MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA30.02      | 1/8 NPT       | 5               |
| LCA30.04      | 1/4 NPT       | 5               |
| LCA30.06      | 3/8 NPT       | 5               |
| LCA30.08      | 1/2 NPT       | 5               |

**COTOVELO MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCAM30.160    | M16 X 1,5     | 5               |

**TEE ESCAMADO PARA MANGUEIRA DE BORRACHA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCA28.04      | 1/4           | 5               |
| LCA28.05      | 5/16          | 5               |
| LCA28.06      | 3/8           | 5               |
| LCA28.08      | 1/2           | 5               |

**COTOVELO BICO PARA MANGUEIRA DE BORRACHA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|---------------|----------------|-----------------|
| LCA27.0402    | 1/4X 1/8 NPT   | 5               |
| LCA27.0404    | 1/4X 1/4 NPT   | 5               |
| LCA27.0406    | 1/4X 3/8 NPT   | 5               |
| LCA27.0408    | 1/4X 1/2 NPT   | 5               |
| LCA27.0502    | 5/16 X 1/8 NPT | 5               |
| LCA27.0504    | 5/16 X 1/4 NPT | 5               |
| LCA27.0506    | 5/16 X 3/8 NPT | 5               |
| LCA27.0508    | 5/16 X 1/2 NPT | 5               |
| LCA27.0602    | 3/8X 1/8 NPT   | 5               |
| LCA27.0604    | 3/8X 1/4 NPT   | 5               |
| LCA27.0606    | 3/8X 3/8 NPT   | 5               |
| LCA27.0608    | 3/8X 1/2 NPT   | 5               |
| LCA27.0802    | 1/2X 1/8 NPT   | 5               |
| LCA27.0804    | 1/2X 1/4 NPT   | 5               |
| LCA27.0806    | 1/2X 3/8 NPT   | 5               |
| LCA27.0808    | 1/2X 1/2 NPT   | 5               |

## Conexões cônico **INVERTIDO**

An abstract graphic on the right side of the page consists of several overlapping, thick, curved bands. The colors are a warm orange and a muted purple. The bands are arranged in a way that suggests a spiral or a series of interlocking rings, creating a sense of depth and movement. The overall style is modern and minimalist.

**PORCA HIDRÁULICA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                     | <b>EMB. MIN</b> |
|---------------|-----------------------------------|-----------------|
| LFH02.67A     | 1/4 ROSCA M12 X 1 (MERCEDES)      | 5               |
| LFH02.67B     | 3/16 ROSCA M12 X 1 (MERCEDES)     | 5               |
| LFH02.70A     | 4MM ROSCA M8 X 1 (VW)             | 5               |
| LFH02.71      | 3/16 ROSCA 3/8-24 (FORD/GM)       | 5               |
| LFH02.71A     | 3/16 ROSCA 3/8-24 LONGA (FORD/GM) | 5               |
| LFH02.72      | 1/4 ROSCA 7/16-24 (FORD/GM)       | 5               |
| LFH02.72A     | 3/16 ROSCA 7/16-24 (FORD/GM)      | 5               |
| LFH02.72B     | 1/4 ROSCA 7/16-24 LONGA (FORD/GM) | 5               |
| LFH02.73      | 1/4 ROSCA 7/16-20 (FORD 600)      | 5               |
| LFH02.74      | 5/16 ROSCA 1/2-20 (OPALA)         | 5               |
| LFH02.76      | 7/16 ROSCA 11/16-18 (FORD/GM)     | 5               |
| LFH02.77      | 1/2 ROSCA 3/4-18 (TRATOR F600)    | 5               |
| LFH02.79      | 3/16 ROSCA M10 X 1 (VW)           | 5               |
| LFH02.79A     | 3/16 ROSCA 3/8-24 (VARIOS)        | 5               |
| LFH02.79L     | 3/16 ROSCA M10 X 1 (GM/MONZA)     | 5               |
| LFH02.79B     | 3/16 ROSCA M10 X 1,25             | 5               |
| LFH02.79C     | 1/4 ROSCA M12 X 1,25 (VW)         | 5               |
| LFH02.79E     | 3/16 ROSCA M12 X 1 (MERCEDES)     | 5               |
| LFH02.80      | 6MM ROSCA 1/2-20 (FORD/CHEVROLET) | 5               |
| LFH02.82      | 1/4 ROSCA 1/2-20 (FORD/CHEVROLET) | 5               |

**UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                         | <b>EMB. MIN</b> |
|---------------|---------------------------------------|-----------------|
| LFH04.D201    | 3/16 X ROSCA M10 X 1                  | 5               |
| LFH04.D202    | 3/16 X ROSCA M10 X 1,25               | 5               |
| LFH04.D113    | 1/4 OU 3/16 X ROSCA 12 X 1 (MERCEDES) | 5               |

**DISTRIBUIDOR**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                                                          | <b>EMB. MIN</b> |
|---------------|------------------------------------------------------------------------|-----------------|
| LFH12.45      | FURO 7,1MM. ROSCA LATERAL 3/8-24 X ROSCA CENTRAL 7/16-20 (JEEP WILLYS) | 5               |
| LFH12.45A     | FURO 7,1MM. ROSCA 3/8-24 (JEEP WILLYS ANTIGO)                          | 5               |
| LFH12.45B     | FURO 7,0MM ROSCA M10 X 1 (VW FUSCA)                                    | 5               |
| LFH12.45C     | FURO 8,0MM ROSCA M10 X 1 (GM)                                          | 5               |
| LFH12.45D     | FURO 8,0MM ROSCA M10 X 1,25 (FIAT)                                     | 5               |
| LFH12.67      | FURO 8,0MM ROSCA M12 X 1 (MERCEDES)                                    | 5               |

# Engates e **PINOS**



**ENGATE CARRETA COMPLETO EM AÇO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>    | <b>EMB. MIN</b> |
|---------------|------------------|-----------------|
| ENG160        | M16 X 1,5 EM AÇO | 1               |
| ENG1/2        | 1/2 NPT EM AÇO   | 1               |

**PINO ENGATE FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LP160F        | M16 X 1,5     | 1               |
| LP1/2F        | 1/2 NPT       | 1               |

**ENGATE FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| ENG1/4F       | 1/4 NPT       | 1               |

**ENGATE MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| ENG1/4M       | 1/4 NPT       | 1               |

**PINO ENGATE FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LP1/4F        | 1/4 NPT       | 1               |

**PINO ENGATE MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LP1/4M        | 1/4 NPT       | 1               |

**PINO ENGATE ESCAMADO MANGUEIRA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LP1/4.1/4M    | 1/4 AÇO       | 1               |
| LP1/4.5/16M   | 5/16 AÇO      | 1               |
| LP1/4.3/8M    | 3/8 AÇO       | 1               |
| LP1/4.1/2M    | 1/2 AÇO       | 1               |

# Registros e **DRENOS**



**REGISTRO MACHO X FÊMEA BORBOLETA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVE421.04MF   | 1/4 BSP       | 1               |
| LVE421.06MF   | 3/8 BSP       | 1               |
| LVE421.08MF   | 1/2 BSP       | 1               |

**REGISTRO FÊMEA X FÊMEA BORBOLETA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVE422.04FF   | 1/4 BSP       | 1               |
| LVE422.06FF   | 3/8 BSP       | 1               |
| LVE422.08FF   | 1/2 BSP       | 1               |

**REGISTRO FÊMEA X FÊMEA ALAVANCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVE427.04FF   | 1/4 BSP       | 1               |
| LVE427.06FF   | 3/8 BSP       | 1               |
| LVE427.08FF   | 1/2 BSP       | 1               |

**REGISTRO MACHO X FÊMEA ALAVANCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVE427.04MF   | 1/4 BSP       | 1               |
| LVE427.06MF   | 3/8 BSP       | 1               |
| LVE427.08MF   | 1/2 BSP       | 1               |

**REGISTRO MACHO X FÊMEA MINI**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVE440.02MF   | 1/8 BSP       | 1               |
| LVE440.04MF   | 1/4 BSP       | 1               |
| LVE440.06MF   | 3/8 BSP       | 1               |
| LVE440.08MF   | 1/2 BSP       | 1               |

**REGISTRO FÊMEA X FÊMEA MINI**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVE441.02FF   | 1/8 BSP       | 1               |
| LVE441.04FF   | 1/4 BSP       | 1               |
| LVE441.06FF   | 3/8 BSP       | 1               |
| LVE441.08FF   | 1/2 BSP       | 1               |

**REGISTRO MACHO X FÊMEA BORBOLETA BALÃO DE AR**

| <b>CÓDIGO</b> | <b>MEDIDA</b>       | <b>EMB. MIN</b> |
|---------------|---------------------|-----------------|
| LVD426.22004M | M22 X 1,5 X 1/4 BSP | 1               |

**REGISTRO AGULHA MACHO X FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVA9166.02    | 1/8 NPT       | 1               |
| LVA9166.04    | 1/4 NPT       | 1               |

**REGISTRO AGULHA MACHO X MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVA9164.02    | 1/8 NPT       | 1               |
| LVA9164.04    | 1/4 NPT       | 1               |

**REGISTRO AGULHA FÊMEA X FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVA9165.02    | 1/8 NPT       | 1               |
| LVA9165.04    | 1/4 NPT       | 1               |

**VÁLVULA DRENO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVD426.220A   | M22 X 1,5     | 5               |

**VÁLVULA DRENO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVD426.08A    | 1/2 NPT       | 5               |

**DRENO BORBOLETA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVD426.04     | 1/4 NPT       | 1               |

# Olhais e **PARAFUSOS OCOS**



**PARAFUSO OCO SIMPLES**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCD100.08     | M1/2          | 5               |
| LCD100.80     | M8 X 1        | 5               |
| LCD100.100    | M10 X 1,5     | 5               |
| LCD100.120    | M12 X 1,5     | 5               |
| LCD100.140    | M14 X 1,5     | 5               |
| LCD100.160    | M16 X 1,5     | 5               |
| LCD100.180    | M18 X 1,5     | 5               |
| LCD100.220    | M22 X 1,5     | 5               |
| LCD100.260    | M26 X 1,5     | 5               |

**PARAFUSO OCO DUPLO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCD101.80     | M8 X 1        | 5               |
| LCD101.100    | M10 X 1,5     | 5               |
| LCD101.120    | M12 X 1,5     | 5               |
| LCD101.140    | M14 X 1,5     | 5               |
| LCD101.160    | M16 X 1,5     | 5               |
| LCD101.180    | M18 X 1,5     | 5               |

**OLHAL**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>         | <b>EMB. MIN</b> |
|----------------|-----------------------|-----------------|
| LCD104.800604  | 8MM - MANG 6 X 4      | 5               |
| LCD104.800806  | 8MM - MANG 8 X 6      | 5               |
| LCD104.1000604 | 10MM - MANG 6 X 4     | 5               |
| LCD104.1000806 | 10MM - MANG 8 X 6     | 5               |
| LCD104.1200604 | 12MM - MANG 6 X 4     | 5               |
| LCD104.1200806 | 12MM - MANG 8 X 6     | 5               |
| LCD104.1201007 | 12MM - MANG 10 X 7    | 5               |
| LCD104.1201108 | 12MM - MANG 11 X 8    | 5               |
| LCD104.1201209 | 12MM - MANG 12 X 9    | 5               |
| LCD104.1300604 | 13MM - MANG 6 X 4     | 5               |
| LCD104.1300806 | 13MM - MANG 8 X 6     | 5               |
| LCD104.1301007 | 13MM - MANG 10 X 7    | 5               |
| LCD104.1301108 | 13MM - MANG 11 X 8    | 5               |
| LCD104.1301209 | 13MM - MANG 12 X 9    | 5               |
| LCD104.1301238 | 13MM - MANG 1/2 X 3/8 | 5               |
| LCD104.1400604 | 14MM - MANG 6 X 4     | 5               |
| LCD104.1400806 | 14MM - MANG 8 X 6     | 5               |
| LCD104.1401007 | 14MM - MANG 10 X 7    | 5               |
| LCD104.1401108 | 14MM - MANG 11 X 8    | 5               |
| LCD104.1401209 | 14MM - MANG 12 X 9    | 5               |
| LCD104.1401238 | 14MM - MANG 1/2 X 3/8 | 5               |
| LCD104.1600604 | 16MM - MANG 6 X 4     | 5               |
| LCD104.1600806 | 16MM - MANG 8 X 6     | 5               |
| LCD104.1601007 | 16MM - MANG 10 X 7    | 5               |
| LCD104.1601108 | 16MM - MANG 11 X 8    | 5               |
| LCD104.1601209 | 16MM - MANG 12 X 9    | 5               |
| LCD104.1603814 | 16MM - MANG 3/8 X 1/4 | 5               |
| LCD104.1601238 | 16MM - MANG 1/2 X 3/8 | 5               |
| LCD104.080806  | 1/2 - MANG 8 X 6      | 5               |
| LCD104.081007  | 1/2 - MANG 10 X 7     | 5               |
| LCD104.081108  | 1/2 - MANG 11 X 8     | 5               |
| LCD104.081209  | 1/2 - MANG 12 X 9     | 5               |

**ARRUELA DE ALUMINIO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCD108.80AL   | 8MM           | 25              |
| LCD108.100AL  | 10MM          | 25              |
| LCD108.120AL  | 12MM          | 25              |
| LCD108.140AL  | 14MM          | 25              |
| LCD108.160AL  | 16MM          | 25              |
| LCD108.180AL  | 18MM          | 25              |
| LCD108.220AL  | 22MM          | 25              |
| LCD108.260AL  | 26MM          | 25              |

**ARRUELA DE COBRE**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCD108.80CB   | 8MM           | 25              |
| LCD108.100CB  | 10MM          | 25              |
| LCD108.120CB  | 12MM          | 25              |
| LCD108.140CB  | 14MM          | 25              |
| LCD108.160CB  | 16MM          | 25              |
| LCD108.180CB  | 18MM          | 25              |
| LCD108.220CB  | 22MM          | 25              |
| LCD108.260CB  | 26MM          | 25              |

## *Faixa refletiva e* **ACESSÓRIOS**

An abstract graphic on the right side of the page consists of several overlapping, curved bands. The bands are in shades of orange and a muted purple. They are arranged in a way that creates a sense of depth and movement, resembling a stylized, modern logo or a decorative element.

**FAIXA REFLETIVA LATERAL**

| CÓDIGO | MEDIDA   | EMB. MIN |
|--------|----------|----------|
| LFX.D  | DIREITA  | 1        |
| LFX.E  | ESQUERDA | 1        |

**FAIXA REFLETIVA PARA-CHOQUE**

| CÓDIGO | MEDIDA     | EMB. MIN |
|--------|------------|----------|
| LFX.P  | PARACHOQUE | 1        |

VEÍCULO LONGO  
COMPRIMENTO METROS

**FAIXA REFLETIVA P/ VEÍCULO LONGO**

| CÓDIGO | MEDIDA        | EMB. MIN |
|--------|---------------|----------|
| LFX.L  | VEICULO LONGO | 1        |

**BATENTE DE CARROCERIA**

| CÓDIGO       | MEDIDA               | EMB. MIN |
|--------------|----------------------|----------|
| LBT.FACCHINI | FACCHINI 26,5 X 10,5 | 1        |
| LBT.RANDON   | RANDON 26,5 X 12     | 1        |

**MARTELO MULTIUSO PARA BATER PNEU**

| CÓDIGO | MEDIDA     | EMB. MIN |
|--------|------------|----------|
| LMT.01 | PVC MACIÇO | 1        |

**CALÇO PNEU/RODA**

| CÓDIGO | MEDIDA | EMB. MIN |
|--------|--------|----------|
| LCL.01 | PVC    | 1        |

**TRIÂNGULO SINALIZADOR**

| CÓDIGO | MEDIDA | EMB. MIN |
|--------|--------|----------|
| LTR.01 |        | 1        |

**ABRAÇADEIRA NYLON****CÓDIGO****MEDIDA****EMB. MIN**

LABR.01

NYLON 2,5 X 150

100

LABR.02

NYLON 3,6 X 200

100

LABR.03

NYLON 4,8 X 300

100

LABR.04

NYLON 7,6 X 400

50

# Válvulas **DIVERSAS**



**VÁLVULA SOLENOIDE SIMPLES**

| <b>CÓDIGO</b> | <b>MEDIDA</b>      | <b>EMB. MIN</b> |
|---------------|--------------------|-----------------|
| LV53.1/8S     | 3 VIAS 1/8 SIMPLES | 1               |
| LV53.1/4S     | 3 VIAS 1/4 SIMPLES | 1               |
| LV55.1/8S     | 5 VIAS 1/8 SIMPLES | 1               |
| LV55.1/4S     | 5 VIAS 1/4 SIMPLES | 1               |

**VÁLVULA SOLENOIDE DUPLA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>    | <b>EMB. MIN</b> |
|---------------|------------------|-----------------|
| LV53.1/8D     | 3 VIAS 1/8 DUPLA | 1               |
| LV53.1/4D     | 3 VIAS 1/4 DUPLA | 1               |
| LV55.1/8D     | 5 VIAS 1/8 DUPLA | 1               |
| LV55.1/4D     | 5 VIAS 1/4 DUPLA | 1               |

**VÁLVULA BOTÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVB32.1/8     | 3/2 VIAS 1/8  | 1               |
| LVB32.1/4     | 3/2 VIAS 1/4  | 1               |
| LVB52.1/8     | 5/2 VIAS 1/8  | 1               |
| LVB52.1/4     | 5/2 VIAS 1/4  | 1               |

**VÁLVULA TIK TAC**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVT.160       | M16 X 1,5     | 1               |
| LVT.1/4       | 1/4 NPT       | 1               |

**VÁLVULA DE DISCARGA RÁPIDA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVD.160       | M16 X 1,5     | 1               |

**VÁLVULAS PUSH PULL**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                  | <b>EMB. MIN</b> |
|---------------|--------------------------------|-----------------|
| LVPUS.VM      | BLOQUEIA/DESBLOQUEIA M16 X 1,5 | 1               |
| LVPUS.PT      | TRAVAMENTO M16 X 1,5           | 1               |
| LVPUS.AM      | ESTACIONAR/LIBERAR M16 X 1,5   | 1               |
| LVPUS.AZ      | EIXO/LEVANTAR EIXO M16 X 1,5   | 1               |

**VÁLVULA DE BLOQUEIO PARA SUSPENSOR**

| <b>CÓDIGO</b> | <b>MEDIDA</b>      | <b>EMB. MIN</b> |
|---------------|--------------------|-----------------|
| LVB22.160     | 2/2 VIAS M16 X 1,5 | 1               |
| LVB32.160     | 3/2 VIAS M16 X 1,5 | 1               |

**VÁLVULA RELE**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVR.160       | M16 X 1,5     | 1               |
| LVR.220       | M22 X 1,5     | 1               |

**VÁLVULA MESTRE**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LVM.160220    | RE4 M16 X 1,5 | 1               |



# Roletes, Rolamentos, Retentores e **LINHA RODOAR**


**ROLETE**

| CÓDIGO  | MEDIDA                | EMB. MIN |
|---------|-----------------------|----------|
| LRLT.32 | 32MM (58 x 32 x 19)   | 1        |
| LRLT.35 | 35MM (58 x 35 x 19)   | 1        |
| LRLT.38 | 38MM (58 x 38 x 19)   | 1        |
| LRLT.41 | 41MM (58 x 41,5 x 19) | 1        |


**ROLETE PINO FLANGE**

| CÓDIGO      | MEDIDA        | EMB. MIN |
|-------------|---------------|----------|
| LRLT.MASTER | FLANGE MASTER | 1        |
| LRLT.BENDIX | FLANGE BENDIX | 1        |


**ROLAMENTO DA CARRETA**

| CÓDIGO   | MEDIDA | EMB. MIN |
|----------|--------|----------|
| LR.32218 | 32218  | 1        |
| LR.32216 | 32216  | 1        |


**RETENTOR CARRETA**

| CÓDIGO   | MEDIDA | EMB. MIN |
|----------|--------|----------|
| LRT.0310 | 0310   | 1        |


**PORCA RODOAR**

| CÓDIGO   | MEDIDA      | EMB. MIN |
|----------|-------------|----------|
| LRD02.80 | 8MM OU 5/16 | 5        |


**UNIÃO RODOAR MONTADA**

| CÓDIGO    | MEDIDA      | EMB. MIN |
|-----------|-------------|----------|
| LRD04.80M | 8MM OU 5/16 | 5        |


**CONECTOR MACHO RODOAR MONTADO**

| CÓDIGO      | MEDIDA                | EMB. MIN |
|-------------|-----------------------|----------|
| LRD03.8004M | 8MM OU 5/16 X 1/4 NPT | 5        |



#### TEE UNIAO RODOAR MONTADO

##### CÓDIGO

LRD12.80M

##### MEDIDA

8MM OU 5/16

##### EMB. MIN

5



#### TEE UNIAO RODOAR REDUTOR

##### CÓDIGO

LRD12.040504M

##### MEDIDA

1/4 X OD 5/16 X OD 1/4

##### EMB. MIN

5

# Conexões

## **LINHA RÁPIDA (DT)**



**UNIÃO RÁPIDA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>    | <b>EMB. MIN</b> |
|---------------|------------------|-----------------|
| LDT04.60      | 6MM EM ALUMINIO  | 1               |
| LDT04.80      | 8MM EM ALUMINIO  | 1               |
| LDT04.100     | 10MM EM ALUMINIO | 1               |
| LDT04.120     | 12MM EM ALUMINIO | 1               |
| LDT04.160     | 16MM EM ALUMINIO | 1               |

**TEE UNIÃO RÁPIDO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>    | <b>EMB. MIN</b> |
|---------------|------------------|-----------------|
| LDT12.60      | 6MM EM ALUMINIO  | 1               |
| LDT12.80      | 8MM EM ALUMINIO  | 1               |
| LDT12.100     | 10MM EM ALUMINIO | 1               |
| LDT12.120     | 12MM EM ALUMINIO | 1               |
| LDT12.160     | 16MM EM ALUMINIO | 1               |

**CONECTOR MACHO RÁPIDO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                | <b>EMB. MIN</b> |
|---------------|------------------------------|-----------------|
| LDT03.60120   | 6MM X M12 X 1,5 EM ALUMINIO  | 1               |
| LDT03.60160   | 6MM X M16 X 1,5 EM ALUMINIO  | 1               |
| LDT03.80120   | 8MM X M12 X 1,5 EM ALUMINIO  | 1               |
| LDT03.80160   | 8MM X M16 X 1,5 EM ALUMINIO  | 1               |
| LDT03.100120  | 10MM X M12 X 1,5 EM ALUMINIO | 1               |
| LDT03.100160  | 10MM X M16 X 1,5 EM ALUMINIO | 1               |
| LDT03.120120  | 12MM X M12 X 1,5 EM ALUMINIO | 1               |
| LDT03.120160  | 12MM X M16 X 1,5 EM ALUMINIO | 1               |
| LDT03.160160  | 16MM X M16 X 1,5 EM ALUMINIO | 1               |
| LDT03.160220  | 16MM X M22 X 1,5 EM ALUMINIO | 1               |

**COTOVELO MACHO RÁPIDO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                | <b>EMB. MIN</b> |
|---------------|------------------------------|-----------------|
| LDT06.60120   | 6MM X M12 X 1,5 EM ALUMINIO  | 1               |
| LDT06.60160   | 6MM X M16 X 1,5 EM ALUMINIO  | 1               |
| LDT06.80120   | 8MM X M12 X 1,5 EM ALUMINIO  | 1               |
| LDT06.80160   | 8MM X M16 X 1,5 EM ALUMINIO  | 1               |
| LDT06.100120  | 10MM X M12 X 1,5 EM ALUMINIO | 1               |
| LDT06.100160  | 10MM X M16 X 1,5 EM ALUMINIO | 1               |
| LDT06.120120  | 12MM X M12 X 1,5 EM ALUMINIO | 1               |
| LDT06.120160  | 12MM X M16 X 1,5 EM ALUMINIO | 1               |
| LDT06.160160  | 16MM X M16 X 1,5 EM ALUMINIO | 1               |
| LDT06.160220  | 16MM X M22 X 1,5 EM ALUMINIO | 1               |

# Conexões Plásticas Rosca NPT e **SILENCIADORES**

An abstract graphic on the right side of the page consists of several interlocking, thick, curved bands. The bands are colored in shades of orange, light brown, and a muted purple-grey. They overlap and curve around each other, creating a sense of depth and movement, resembling a stylized spiral or a complex mechanical joint.

**SILENCIADOR CONICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LBSL.M5       | M5            | 5               |
| LBSL.01       | 1/8           | 5               |
| LBSL.02       | 1/4           | 5               |
| LBSL.03       | 3/8           | 5               |
| LBSL.04       | 1/2           | 5               |

**SILENCIADOR PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPSU.01       | 1/8           | 5               |
| LPSU.02       | 1/4           | 5               |
| LPSU.03       | 3/8           | 5               |
| LPSU.04       | 1/2           | 5               |

**SILENCIADOR MINI**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LBSLM.M5      | M5            | 5               |
| LBSLM.01      | 1/8           | 5               |
| LBSLM.02      | 1/4           | 5               |
| LBSLM.03      | 3/8           | 5               |
| LBSLM.04      | 1/2           | 5               |

**SILENCIADOR PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPSL.01       | 1/8           | 5               |
| LPSL.02       | 1/4           | 5               |
| LPSL.03       | 3/8           | 5               |
| LPSL.04       | 1/2           | 5               |

**SILENCIADOR COM REGULAGEM DE FLUXO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LBESL.01      | 1/8           | 5               |
| LBESL.02      | 1/4           | 5               |
| LBESL.03      | 3/8           | 5               |
| LBESL.04      | 1/2           | 5               |

**UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPUC.40       | 4MM           | 5               |
| LPUC.60       | 6MM           | 5               |
| LPUC.80       | 8MM           | 5               |
| LPUC.100      | 10MM          | 5               |
| LPUC.120      | 12MM          | 5               |
| LPUC.140      | 14MM          | 5               |
| LPUC.160      | 16MM          | 5               |
| LPUC.1/8      | 1/8           | 5               |
| LPUC.5/32     | 5/32          | 5               |
| LPUC. 3/16    | 3/16          | 5               |
| LPUC.1/4      | 1/4           | 5               |
| LPUC.5/16     | 5/16          | 5               |
| LPUC.3/8      | 3/8           | 5               |
| LPUC.1/2      | 1/2           | 5               |

**TEE UNIÃO****CÓDIGO****MEDIDA****EMB. MIN**

|           |      |   |
|-----------|------|---|
| LPUT.40   | 4MM  | 5 |
| LPUT.60   | 6MM  | 5 |
| LPUT.80   | 8MM  | 5 |
| LPUT.100  | 10MM | 5 |
| LPUT.120  | 12MM | 5 |
| LPUT.140  | 14MM | 5 |
| LPUT.160  | 16MM | 5 |
| LPUT.1/8  | 1/8  | 5 |
| LPUT.5/32 | 5/32 | 5 |
| LPUT.1/4  | 1/4  | 5 |
| LPUT.5/16 | 5/16 | 5 |
| LPUT.3/8  | 3/8  | 5 |
| LPUT.1/2  | 1/2  | 5 |

**COTOVELO UNIÃO****CÓDIGO****MEDIDA****EMB. MIN**

|           |      |   |
|-----------|------|---|
| LPUL.40   | 4MM  | 5 |
| LPUL.60   | 6MM  | 5 |
| LPUL.80   | 8MM  | 5 |
| LPUL.100  | 10MM | 5 |
| LPUL.120  | 12MM | 5 |
| LPUL.140  | 14MM | 5 |
| LPUL.160  | 16MM | 5 |
| LPUL.1/8  | 1/8  | 5 |
| LPUL.5/32 | 5/32 | 5 |
| LPUL.1/4  | 1/4  | 5 |
| LPUL.5/16 | 5/16 | 5 |
| LPUL.3/8  | 3/8  | 5 |
| LPUL.1/2  | 1/2  | 5 |

**UNIÃO REDUTORA****CÓDIGO****MEDIDA****EMB. MIN**

|               |             |   |
|---------------|-------------|---|
| LPG.6040      | 6 X 4       | 5 |
| LPG.8040      | 8 X 4       | 5 |
| LPG.8060      | 8 X 6       | 5 |
| LPG.10060     | 10 X 6      | 5 |
| LPG.10080     | 10 X 8      | 5 |
| LPG.12080     | 12 X 8      | 5 |
| LPG.120100    | 12 X 10     | 5 |
| LPG.160120    | 16 X 12     | 5 |
| LPG.160140    | 16 X 14     | 5 |
| LPG.1/4.5/32  | 1/4 X 5/32  | 5 |
| LPG.5/16.5/32 | 5/16 X 5/32 | 5 |
| LPG.5/16.1/4  | 5/16 X 1/4  | 5 |
| LPG.3/8.1/4   | 3/8 X 1/4   | 5 |
| LPG.3/8.5/16  | 3/8 X 5/16  | 5 |
| LPG.1/2.1/4   | 1/2 X 1/4   | 5 |
| LPG.1/2.5/16  | 1/2 X 5/16  | 5 |
| LPG.1/2.3/8   | 1/2 X 3/8   | 5 |

**TEE UNIÃO REDUTOR**

| <b>CÓDIGO</b>       | <b>MEDIDA</b>      | <b>EMB. MIN</b> |
|---------------------|--------------------|-----------------|
| LPUG.604060         | 6 X 4 X 6          | 5               |
| LPUG.608060         | 6 X 8 X 6          | 5               |
| LPUG.804080         | 8 X 4 X 8          | 5               |
| LPUG.806080         | 8 X 6 X 8          | 5               |
| LPUG.10060100       | 10 X 6 X 10        | 5               |
| LPUG.10080100       | 10 X 8 X 10        | 5               |
| LPUG.12080120       | 12 X 8 X 12        | 5               |
| LPUG.120100120      | 12 X 10 X 12       | 5               |
| LPUG.160120160      | 16 X 12 X 16       | 5               |
| LPUG.160140160      | 16 X 14 X 16       | 5               |
| LPUG.1/4.5/32.1/4   | 1/4 X 5/32 X 1/4   | 5               |
| LPUG.5/16.5/32.5/16 | 5/16 X 5/32 X 5/16 | 5               |
| LPUG.5/16.1/4.5/16  | 5/16 X 1/4 X 5/16  | 5               |
| LPUG.3/8.1/4.3/8    | 3/8 X 1/4 X 3/8    | 5               |
| LPUG.3/8.5/16.3/8   | 3/8 X 5/16 X 3/8   | 5               |
| LPUG.1/2.1/4.1/2    | 1/2 X 1/4 X 1/2    | 5               |
| LPUG.1/2.5/16.1/2   | 1/2 X 5/16 X 1/2   | 5               |
| LPUG.1/2.3/8.1/2    | 1/2 X 3/8 X 1/2    | 5               |

**Y UNIÃO REDUTOR**

| <b>CÓDIGO</b>      | <b>MEDIDA</b>      | <b>EMB. MIN</b> |
|--------------------|--------------------|-----------------|
| LPW.604060         | 6 X 4 X 6          | 5               |
| LPW.608060         | 6 X 8 X 6          | 5               |
| LPW.804080         | 8 X 4 X 8          | 5               |
| LPW.806080         | 8 X 6 X 8          | 5               |
| LPW.10060100       | 10 X 6 X 10        | 5               |
| LPW.10080100       | 10 X 8 X 10        | 5               |
| LPW.12080120       | 12 X 8 X 12        | 5               |
| LPW.120100120      | 12 X 10 X 12       | 5               |
| LPW.160120160      | 16 X 12 X 16       | 5               |
| LPW.160140160      | 16 X 14 X 16       | 5               |
| LPW.1/4.5/32.1/4   | 1/4 X 5/32 X 1/4   | 5               |
| LPW.5/16.5/32.5/16 | 5/16 X 5/32 X 5/16 | 5               |
| LPW.5/16.1/4.5/16  | 5/16 X 1/4 X 5/16  | 5               |
| LPW.3/8.1/4.3/8    | 3/8 X 1/4 X 3/8    | 5               |
| LPW.3/8.5/16.3/8   | 3/8 X 5/16 X 3/8   | 5               |
| LPW.1/2.1/4.1/2    | 1/2 X 1/4 X 1/2    | 5               |
| LPW.1/2.5/16.1/2   | 1/2 X 5/16 X 1/2   | 5               |
| LPW.1/2.3/8.1/2    | 1/2 X 3/8 X 1/2    | 5               |

**TAMPÃO PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPP.40        | 4MM           | 5               |
| LPP.60        | 6MM           | 5               |
| LPP.80        | 8MM           | 5               |
| LPP.100       | 10MM          | 5               |
| LPP.120       | 12MM          | 5               |
| LPP.140       | 14MM          | 5               |
| LPP.160       | 16MM          | 5               |

**Y UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPY.40        | 4MM           | 5               |
| LPY.60        | 6MM           | 5               |
| LPY.80        | 8MM           | 5               |
| LPY.100       | 10MM          | 5               |
| LPY.120       | 12MM          | 5               |
| LPY.140       | 14MM          | 5               |
| LPY.160       | 16MM          | 5               |
| LPY.1/8       | 1/8           | 5               |
| LPY.5/32      | 5/32          | 5               |
| LPY.1/4       | 1/4           | 5               |
| LPY.5/16      | 5/16          | 5               |
| LPY.3/8       | 3/8           | 5               |
| LPY.1/2       | 1/2           | 5               |

**CRUZETA UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPZA.40       | 4MM           | 5               |
| LPZA.60       | 6MM           | 5               |
| LPZA.80       | 8MM           | 5               |
| LPZA.100      | 10MM          | 5               |
| LPZA.120      | 12MM          | 5               |
| LPZA.1/8      | 1/8           | 5               |
| LPZA.5/32     | 5/32          | 5               |
| LPZA.1/4      | 1/4           | 5               |
| LPZA.5/16     | 5/16          | 5               |
| LPZA.3/8      | 3/8           | 5               |
| LPZA.1/2      | 1/2           | 5               |

**UNIÃO PAINEL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPMM.40       | 4MM           | 5               |
| LPMM.60       | 6MM           | 5               |
| LPMM.80       | 8MM           | 5               |
| LPMM.100      | 10MM          | 5               |
| LPMM.120      | 12MM          | 5               |
| LPMM.1/8      | 1/8           | 5               |
| LPMM.5/32     | 5/32          | 5               |
| LPMM.1/4      | 1/4           | 5               |
| LPMM.5/16     | 5/16          | 5               |
| LPMM.3/8      | 3/8           | 5               |
| LPMM.1/2      | 1/2           | 5               |

**DISTRIBUIDOR UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPK.40        | 4MM           | 5               |
| LPK.60        | 6MM           | 5               |
| LPK.80        | 8MM           | 5               |
| LPK.100       | 10MM          | 5               |
| LPK.120       | 12MM          | 5               |
| LPK.1/8       | 1/8           | 5               |
| LPK.5/32      | 5/32          | 5               |
| LPK.1/4       | 1/4           | 5               |
| LPK.5/16      | 5/16          | 5               |
| LPK.3/8       | 3/8           | 5               |
| LPK.1/2       | 1/2           | 5               |

**REGULADORA DE FLUXO UNIÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LNSF.40       | 4MM           | 5               |
| LNSF.60       | 6MM           | 5               |
| LNSF.80       | 8MM           | 5               |
| LNSF.100      | 10MM          | 5               |
| LNSF.120      | 12MM          | 5               |
| LNSF.1/8      | 1/8           | 5               |
| LNSF.5/32     | 5/32          | 5               |
| LNSF.1/4      | 1/4           | 5               |
| LNSF.5/16     | 5/16          | 5               |
| LNSF.3/8      | 3/8           | 5               |
| LNSF.1/2      | 1/2           | 5               |

**CONECTOR MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|---------------|----------------|-----------------|
| LPC.40M5      | 4 X M5         | 5               |
| LPC.40M6      | 4 X M6         | 5               |
| LPC.4001      | 4 X 1/8 NPT    | 5               |
| LPC.4002      | 4 X 1/4 NPT    | 5               |
| LPC.4003      | 4 X 3/8 NPT    | 5               |
| LPC.60M5      | 6 X M5         | 5               |
| LPC.60M6      | 6 X M6         | 5               |
| LPC.6001      | 6 X 1/8 NPT    | 5               |
| LPC.6002      | 6 X 1/4 NPT    | 5               |
| LPC.6003      | 6 X 3/8 NPT    | 5               |
| LPC.6004      | 6 X 1/2 NPT    | 5               |
| LPC.8001      | 8 X 1/8 NPT    | 5               |
| LPC.8002      | 8 X 1/4 NPT    | 5               |
| LPC.8003      | 8 X 3/8 NPT    | 5               |
| LPC.8004      | 8 X 1/2 NPT    | 5               |
| LPC.10001     | 10 X 1/8 NPT   | 5               |
| LPC.10002     | 10 X 1/4 NPT   | 5               |
| LPC.10003     | 10 X 3/8 NPT   | 5               |
| LPC.10004     | 10 X 1/2 NPT   | 5               |
| LPC.12001     | 12 X 1/8 NPT   | 5               |
| LPC.12002     | 12 X 1/4 NPT   | 5               |
| LPC.12003     | 12 X 3/8 NPT   | 5               |
| LPC.12004     | 12 X 1/2 NPT   | 5               |
| LPC.14002     | 14 X 1/4 NPT   | 5               |
| LPC.14003     | 14 X 3/8 NPT   | 5               |
| LPC.14004     | 14 X 1/2 NPT   | 5               |
| LPC.16002     | 16 X 1/4 NPT   | 5               |
| LPC.16003     | 16 X 3/8 NPT   | 5               |
| LPC.16004     | 16 X 1/2 NPT   | 5               |
| LPC.16006     | 16 X 3/4 NPT   | 5               |
| LPC5/32.R01   | 5/32 X 1/8 NPT | 5               |
| LPC5/32.R02   | 5/32 X 1/4 NPT | 5               |
| LPC1/4.R01    | 1/4 X 1/8 NPT  | 5               |
| LPC1/4.R02    | 1/4 X 1/4 NPT  | 5               |
| LPC1/4.R03    | 1/4 X 3/8 NPT  | 5               |
| LPC1/4.R04    | 1/4 X 1/2 NPT  | 5               |
| LPC5/16.R01   | 5/16 X 1/8 NPT | 5               |
| LPC5/16.R02   | 5/16 X 1/4 NPT | 5               |
| LPC5/16.R03   | 5/16 X 3/8 NPT | 5               |
| LPC5/16.R04   | 5/16 X 1/2 NPT | 5               |
| LPC3/8.R01    | 3/8 X 1/8 NPT  | 5               |
| LPC3/8.R02    | 3/8 X 1/4 NPT  | 5               |
| LPC3/8.R03    | 3/8 X 3/8 NPT  | 5               |
| LPC3/8.R04    | 3/8 X 1/2 NPT  | 5               |
| LPC1/2.R01    | 1/2 X 1/8 NPT  | 5               |
| LPC1/2.R02    | 1/2 X 1/4 NPT  | 5               |
| LPC1/2.R03    | 1/2 X 3/8 NPT  | 5               |
| LPC1/2.R04    | 1/2 X 1/2 NPT  | 5               |

## CONECTOR FÊMEA



| CÓDIGO       | MEDIDA        | EMB. MIN |
|--------------|---------------|----------|
| LPCF.40M5    | 4 X M5        | 5        |
| LPCF.4001    | 4 X 1/8 NPT   | 5        |
| LPCF.4002    | 4 X 1/4 NPT   | 5        |
| LPCF.60M5    | 6 X M5        | 5        |
| LPCF.6001    | 6 X 1/8 NPT   | 5        |
| LPCF.6002    | 6 X 1/4 NPT   | 5        |
| LPCF.6003    | 6 X 3/8 NPT   | 5        |
| LPCF.6004    | 6 X 1/2 NPT   | 5        |
| LPCF.8001    | 8 X 1/8 NPT   | 5        |
| LPCF.8002    | 8 X 1/4 NPT   | 5        |
| LPCF.8003    | 8 X 3/8 NPT   | 5        |
| LPCF.8004    | 8 X 1/2 NPT   | 5        |
| LPCF.10001   | 10 X 1/8 NPT  | 5        |
| LPCF.10002   | 10 X 1/4 NPT  | 5        |
| LPCF.10003   | 10 X 3/8 NPT  | 5        |
| LPCF.10004   | 10 X 1/2 NPT  | 5        |
| LPCF.12001   | 12 X 1/8 NPT  | 5        |
| LPCF.12002   | 12 X 1/4 NPT  | 5        |
| LPCF.12003   | 12 X 3/8 NPT  | 5        |
| LPCF.12004   | 12 X 1/2 NPT  | 5        |
| LPCF5/32.R01 | 5/32 X 1/8NPT | 5        |
| LPCF5/32.R02 | 5/32 X 1/4NPT | 5        |
| LPCF1/4.R01  | 1/4 X 1/8NPT  | 5        |
| LPCF1/4.R02  | 1/4 X 1/4NPT  | 5        |
| LPCF1/4.R03  | 1/4 X 3/8NPT  | 5        |
| LPCF1/4.R04  | 1/4 X 1/2NPT  | 5        |
| LPCF5/16.R01 | 5/16 X 1/8NPT | 5        |
| LPCF5/16.R02 | 5/16 X 1/4NPT | 5        |
| LPCF5/16.R03 | 5/16 X 3/8NPT | 5        |
| LPCF5/16.R04 | 5/16 X 1/2NPT | 5        |
| LPCF3/8.R01  | 3/8 X 1/8NPT  | 5        |
| LPCF3/8.R02  | 3/8 X 1/4NPT  | 5        |
| LPCF3/8.R03  | 3/8 X 3/8NPT  | 5        |
| LPCF3/8.R04  | 3/8 X 1/2NPT  | 5        |
| LPCF1/2.R01  | 1/2 X 1/8NPT  | 5        |
| LPCF1/2.R02  | 1/2 X 1/4NPT  | 5        |
| LPCF1/2.R03  | 1/2 X 3/8NPT  | 5        |
| LPCF1/2.R04  | 1/2 X 1/2NPT  | 5        |

**COTOVELO MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>  | <b>EMB. MIN</b> |
|---------------|----------------|-----------------|
| LPL40M5       | 4 X M5         | 5               |
| LPL40M6       | 4 X M6         | 5               |
| LPL4001       | 4 X 1/8 NPT    | 5               |
| LPL4002       | 4 X 1/4 NPT    | 5               |
| LPL4003       | 4 X 3/8 NPT    | 5               |
| LPL60M5       | 6 X M5         | 5               |
| LPL60M6       | 6 X M6         | 5               |
| LPL6001       | 6 X 1/8 NPT    | 5               |
| LPL6002       | 6 X 1/4 NPT    | 5               |
| LPL6003       | 6 X 3/8 NPT    | 5               |
| LPL6004       | 6 X 1/2 NPT    | 5               |
| LPL8001       | 8 X 1/8 NPT    | 5               |
| LPL8002       | 8 X 1/4 NPT    | 5               |
| LPL8003       | 8 X 3/8 NPT    | 5               |
| LPL8004       | 8 X 1/2 NPT    | 5               |
| LPL10001      | 10 X 1/8 NPT   | 5               |
| LPL10002      | 10 X 1/4 NPT   | 5               |
| LPL10003      | 10 X 3/8 NPT   | 5               |
| LPL10004      | 10 X 1/2 NPT   | 5               |
| LPL12001      | 12 X 1/8 NPT   | 5               |
| LPL12002      | 12 X 1/4 NPT   | 5               |
| LPL12003      | 12 X 3/8 NPT   | 5               |
| LPL12004      | 12 X 1/2 NPT   | 5               |
| LPL14002      | 14 X 1/4 NPT   | 5               |
| LPL14003      | 14 X 3/8 NPT   | 5               |
| LPL14004      | 14 X 1/2 NPT   | 5               |
| LPL16002      | 16 X 1/4 NPT   | 5               |
| LPL16003      | 16 X 3/8 NPT   | 5               |
| LPL16004      | 16 X 1/2 NPT   | 5               |
| LPL16006      | 16 X 3/4 NPT   | 5               |
| LPL5/32.R01   | 5/32 X 1/8 NPT | 5               |
| LPL5/32.R02   | 5/32 X 1/4 NPT | 5               |
| LPL1/4.R01    | 1/4 X 1/8 NPT  | 5               |
| LPL1/4.R02    | 1/4 X 1/4 NPT  | 5               |
| LPL1/4.R03    | 1/4 X 3/8 NPT  | 5               |
| LPL1/4.R04    | 1/4 X 1/2 NPT  | 5               |
| LPL5/16.R01   | 5/16 X 1/8 NPT | 5               |
| LPL5/16.R02   | 5/16 X 1/4 NPT | 5               |
| LPL5/16.R03   | 5/16 X 3/8 NPT | 5               |
| LPL5/16.R04   | 5/16 X 1/2 NPT | 5               |
| LPL3/8.R01    | 3/8 X 1/8 NPT  | 5               |
| LPL3/8.R02    | 3/8 X 1/4 NPT  | 5               |
| LPL3/8.R03    | 3/8 X 3/8 NPT  | 5               |
| LPL3/8.R04    | 3/8 X 1/2 NPT  | 5               |
| LPL1/2.R01    | 1/2 X 1/8 NPT  | 5               |
| LPL1/2.R02    | 1/2 X 1/4 NPT  | 5               |
| LPL1/2.R03    | 1/2 X 3/8 NPT  | 5               |
| LPL1/2.R04    | 1/2 X 1/2 NPT  | 5               |

**COTOVELO FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPF40M5       | 4 X M5        | 5               |
| LPF4001       | 4 X 1/8 NPT   | 5               |
| LPF4002       | 4 X 1/4 NPT   | 5               |
| LPF60M5       | 6 X M5        | 5               |
| LPF6001       | 6 X 1/8 NPT   | 5               |
| LPF6002       | 6 X 1/4 NPT   | 5               |
| LPF6003       | 6 X 3/8 NPT   | 5               |
| LPF6004       | 6 X 1/2 NPT   | 5               |
| LPF8001       | 8 X 1/8 NPT   | 5               |
| LPF8002       | 8 X 1/4 NPT   | 5               |
| LPF8003       | 8 X 3/8 NPT   | 5               |
| LPF8004       | 8 X 1/2 NPT   | 5               |

**COTOVELO FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPF.10001     | 10 X 1/8NPT   | 5               |
| LPF.10002     | 10 X 1/4NPT   | 5               |
| LPF.10003     | 10 X 3/8NPT   | 5               |
| LPF.10004     | 10 X 1/2NPT   | 5               |
| LPF.12001     | 12 X 1/8NPT   | 5               |
| LPF.12002     | 12 X 1/4NPT   | 5               |
| LPF.12003     | 12 X 3/8NPT   | 5               |
| LPF.12004     | 12 X 1/2NPT   | 5               |
| LPF5/32.R01   | 5/32 X 1/8NPT | 5               |
| LPF5/32.R02   | 5/32 X 1/4NPT | 5               |
| LPF1/4.R01    | 1/4 X 1/8NPT  | 5               |
| LPF1/4.R02    | 1/4 X 1/4NPT  | 5               |
| LPF1/4.R03    | 1/4 X 3/8NPT  | 5               |
| LPF1/4.R04    | 1/4 X 1/2NPT  | 5               |
| LPF5/16.R01   | 5/16 X 1/8NPT | 5               |
| LPF5/16.R02   | 5/16 X 1/4NPT | 5               |
| LPF5/16.R03   | 5/16 X 3/8NPT | 5               |
| LPF5/16.R04   | 5/16 X 1/2NPT | 5               |
| LPF3/8.R01    | 3/8 X 1/8NPT  | 5               |
| LPF3/8.R02    | 3/8 X 1/4NPT  | 5               |
| LPF3/8.R03    | 3/8 X 3/8NPT  | 5               |
| LPF3/8.R04    | 3/8 X 1/2NPT  | 5               |
| LPF1/2.R01    | 1/2 X 1/8NPT  | 5               |
| LPF1/2.R02    | 1/2 X 1/4NPT  | 5               |
| LPF1/2.R03    | 1/2 X 3/8NPT  | 5               |
| LPF1/2.R04    | 1/2 X 1/2NPT  | 5               |

**COTOVELO MACHO LONGO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPLL.40M5     | 4 X M5        | 5               |
| LPLL.4001     | 4 X 1/8NPT    | 5               |
| LPLL.4002     | 4 X 1/4NPT    | 5               |
| LPLL.60M5     | 6 X M5        | 5               |
| LPLL.6001     | 6 X 1/8NPT    | 5               |
| LPLL.6002     | 6 X 1/4NPT    | 5               |
| LPLL.6003     | 6 X 3/8NPT    | 5               |
| LPLL.6004     | 6 X 1/2NPT    | 5               |
| LPLL.8001     | 8 X 1/8NPT    | 5               |
| LPLL.8002     | 8 X 1/4NPT    | 5               |
| LPLL.8003     | 8 X 3/8NPT    | 5               |
| LPLL.8004     | 8 X 1/2NPT    | 5               |
| LPLL.10001    | 10 X 1/8NPT   | 5               |
| LPLL.10002    | 10 X 1/4NPT   | 5               |
| LPLL.10003    | 10 X 3/8NPT   | 5               |
| LPLL.10004    | 10 X 1/2NPT   | 5               |
| LPLL.12001    | 12 X 1/8NPT   | 5               |
| LPLL.12002    | 12 X 1/4NPT   | 5               |
| LPLL.12003    | 12 X 3/8NPT   | 5               |
| LPLL.12004    | 12 X 1/2NPT   | 5               |
| LPLL5/32.R01  | 5/32 X 1/8NPT | 5               |
| LPLL5/32.R02  | 5/32 X 1/4NPT | 5               |
| LPLL1/4.R01   | 1/4 X 1/8NPT  | 5               |
| LPLL1/4.R02   | 1/4 X 1/4NPT  | 5               |
| LPLL1/4.R03   | 1/4 X 3/8NPT  | 5               |
| LPLL1/4.R04   | 1/4 X 1/2NPT  | 5               |
| LPLL5/16.R01  | 5/16 X 1/8NPT | 5               |
| LPLL5/16.R02  | 5/16 X 1/4NPT | 5               |
| LPLL5/16.R03  | 5/16 X 3/8NPT | 5               |

**COTOVELO MACHO LONGO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPL15/16.R04  | 5/16 X 1/2NPT | 5               |
| LPL13/8.R01   | 3/8 X 1/8NPT  | 5               |
| LPL13/8.R02   | 3/8 X 1/4NPT  | 5               |
| LPL13/8.R03   | 3/8 X 3/8NPT  | 5               |
| LPL13/8.R04   | 3/8 X 1/2NPT  | 5               |
| LPL11/2.R01   | 1/2 X 1/8NPT  | 5               |
| LPL11/2.R02   | 1/2 X 1/4NPT  | 5               |
| LPL11/2.R03   | 1/2 X 3/8NPT  | 5               |
| LPL11/2.R04   | 1/2 X 1/2NPT  | 5               |

**TEE MACHO CENTRAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPT.40M5      | 4 X M5        | 5               |
| LPT.4001      | 4 X 1/8NPT    | 5               |
| LPT.4002      | 4 X 1/4NPT    | 5               |
| LPT.4003      | 4 X 3/8NPT    | 5               |
| LPT.60M5      | 6 X M5        | 5               |
| LPT.6001      | 6 X 1/8NPT    | 5               |
| LPT.6002      | 6 X 1/4NPT    | 5               |
| LPT.6003      | 6 X 3/8NPT    | 5               |
| LPT.6004      | 6 X 1/2NPT    | 5               |
| LPT.8001      | 8 X 1/8NPT    | 5               |
| LPT.8002      | 8 X 1/4NPT    | 5               |
| LPT.8003      | 8 X 3/8NPT    | 5               |
| LPT.8004      | 8 X 1/2NPT    | 5               |
| LPT.10001     | 10 X 1/8NPT   | 5               |
| LPT.10002     | 10 X 1/4NPT   | 5               |
| LPT.10003     | 10 X 3/8NPT   | 5               |
| LPT.10004     | 10 X 1/2NPT   | 5               |
| LPT.12001     | 12 X 1/8NPT   | 5               |
| LPT.12002     | 12 X 1/4NPT   | 5               |
| LPT.12003     | 12 X 3/8NPT   | 5               |
| LPT.12004     | 12 X 1/2NPT   | 5               |
| LPT5/32.R01   | 5/32 X 1/8NPT | 5               |
| LPT5/32.R02   | 5/32 X 1/4NPT | 5               |
| LPT1/4.R01    | 1/4 X 1/8NPT  | 5               |
| LPT1/4.R02    | 1/4 X 1/4NPT  | 5               |
| LPT1/4.R03    | 1/4 X 3/8NPT  | 5               |
| LPT1/4.R04    | 1/4 X 1/2NPT  | 5               |
| LPT5/16.R01   | 5/16 X 1/8NPT | 5               |
| LPT5/16.R02   | 5/16 X 1/4NPT | 5               |
| LPT5/16.R03   | 5/16 X 3/8NPT | 5               |
| LPT5/16.R04   | 5/16 X 1/2NPT | 5               |
| LPT3/8.R01    | 3/8 X 1/8NPT  | 5               |
| LPT3/8.R02    | 3/8 X 1/4NPT  | 5               |
| LPT3/8.R03    | 3/8 X 3/8NPT  | 5               |
| LPT3/8.R04    | 3/8 X 1/2NPT  | 5               |
| LPT1/2.R01    | 1/2 X 1/8NPT  | 5               |
| LPT1/2.R02    | 1/2 X 1/4NPT  | 5               |
| LPT1/2.R03    | 1/2 X 3/8NPT  | 5               |
| LPT1/2.R04    | 1/2 X 1/2NPT  | 5               |

## TEE MACHO LATERAL



| CÓDIGO       | MEDIDA        | EMB. MIN |
|--------------|---------------|----------|
| LPST.40M5    | 4 X M5        | 5        |
| LPST.4001    | 4 X 1/8NPT    | 5        |
| LPST.4002    | 4 X 1/4NPT    | 5        |
| LPST.4003    | 4 X 3/8NPT    | 5        |
| LPST.60M5    | 6 X M5        | 5        |
| LPST.6001    | 6 X 1/8NPT    | 5        |
| LPST.6002    | 6 X 1/4NPT    | 5        |
| LPST.6003    | 6 X 3/8NPT    | 5        |
| LPST.6004    | 6 X 1/2NPT    | 5        |
| LPST.8001    | 8 X 1/8NPT    | 5        |
| LPST.8002    | 8 X 1/4NPT    | 5        |
| LPST.8003    | 8 X 3/8NPT    | 5        |
| LPST.8004    | 8 X 1/2NPT    | 5        |
| LPST.10001   | 10 X 1/8NPT   | 5        |
| LPST.10002   | 10 X 1/4NPT   | 5        |
| LPST.10003   | 10 X 3/8NPT   | 5        |
| LPST.10004   | 10 X 1/2NPT   | 5        |
| LPST.12001   | 12 X 1/8NPT   | 5        |
| LPST.12002   | 12 X 1/4NPT   | 5        |
| LPST.12003   | 12 X 3/8NPT   | 5        |
| LPST.12004   | 12 X 1/2NPT   | 5        |
| LPST5/32.R01 | 5/32 X 1/8NPT | 5        |
| LPST5/32.R02 | 5/32 X 1/4NPT | 5        |
| LPST1/4.R01  | 1/4 X 1/8NPT  | 5        |
| LPST1/4.R02  | 1/4 X 1/4NPT  | 5        |
| LPST1/4.R03  | 1/4 X 3/8NPT  | 5        |
| LPST1/4.R04  | 1/4 X 1/2NPT  | 5        |
| LPST5/16.R01 | 5/16 X 1/8NPT | 5        |
| LPST5/16.R02 | 5/16 X 1/4NPT | 5        |
| LPST5/16.R03 | 5/16 X 3/8NPT | 5        |
| LPST5/16.R04 | 5/16 X 1/2NPT | 5        |
| LPST3/8.R01  | 3/8 X 1/8NPT  | 5        |
| LPST3/8.R02  | 3/8 X 1/4NPT  | 5        |
| LPST3/8.R03  | 3/8 X 3/8NPT  | 5        |
| LPST3/8.R04  | 3/8 X 1/2NPT  | 5        |
| LPST1/2.R01  | 1/2 X 1/8NPT  | 5        |
| LPST1/2.R02  | 1/2 X 1/4NPT  | 5        |
| LPST1/2.R03  | 1/2 X 3/8NPT  | 5        |
| LPST1/2.R04  | 1/2 X 1/2NPT  | 5        |

## Y MACHO CENTRAL



| CÓDIGO     | MEDIDA      | EMB. MIN |
|------------|-------------|----------|
| LPWT.40M5  | 4 X M5      | 5        |
| LPWT.4001  | 4 X 1/8NPT  | 5        |
| LPWT.4002  | 4 X 1/4NPT  | 5        |
| LPWT.4003  | 4 X 3/8NPT  | 5        |
| LPWT.60M5  | 6 X M5      | 5        |
| LPWT.6001  | 6 X 1/8NPT  | 5        |
| LPWT.6002  | 6 X 1/4NPT  | 5        |
| LPWT.6003  | 6 X 3/8NPT  | 5        |
| LPWT.6004  | 6 X 1/2NPT  | 5        |
| LPWT.8001  | 8 X 1/8NPT  | 5        |
| LPWT.8002  | 8 X 1/4NPT  | 5        |
| LPWT.8003  | 8 X 3/8NPT  | 5        |
| LPWT.8004  | 8 X 1/2NPT  | 5        |
| LPWT.10001 | 10 X 1/8NPT | 5        |
| LPWT.10002 | 10 X 1/4NPT | 5        |
| LPWT.10003 | 10 X 3/8NPT | 5        |

## Y MACHO CENTRAL



| CÓDIGO       | MEDIDA        | EMB. MIN |
|--------------|---------------|----------|
| LPWT.10004   | 10 X 1/2NPT   | 5        |
| LPWT.12001   | 12 X 1/8NPT   | 5        |
| LPWT.12002   | 12 X 1/4NPT   | 5        |
| LPWT.12003   | 12 X 3/8NPT   | 5        |
| LPWT.12004   | 12 X 1/2NPT   | 5        |
| LPWT5/32.R01 | 5/32 X 1/8NPT | 5        |
| LPWT5/32.R02 | 5/32 X 1/4NPT | 5        |
| LPWT1/4.R01  | 1/4 X 1/8NPT  | 5        |
| LPWT1/4.R02  | 1/4 X 1/4NPT  | 5        |
| LPWT1/4.R03  | 1/4 X 3/8NPT  | 5        |
| LPWT1/4.R04  | 1/4 X 1/2NPT  | 5        |
| LPWT5/16.R01 | 5/16 X 1/8NPT | 5        |
| LPWT5/16.R02 | 5/16 X 1/4NPT | 5        |
| LPWT5/16.R03 | 5/16 X 3/8NPT | 5        |
| LPWT5/16.R04 | 5/16 X 1/2NPT | 5        |
| LPWT3/8.R01  | 3/8 X 1/8NPT  | 5        |
| LPWT3/8.R02  | 3/8 X 1/4NPT  | 5        |
| LPWT3/8.R03  | 3/8 X 3/8NPT  | 5        |
| LPWT3/8.R04  | 3/8 X 1/2NPT  | 5        |
| LPWT1/2.R01  | 1/2 X 1/8NPT  | 5        |
| LPWT1/2.R02  | 1/2 X 1/4NPT  | 5        |
| LPWT1/2.R03  | 1/2 X 3/8NPT  | 5        |
| LPWT1/2.R04  | 1/2 X 1/2NPT  | 5        |

## REGULADORA DE FLUXO TUBO X ROSCA



| CÓDIGO       | MEDIDA        | EMB. MIN |
|--------------|---------------|----------|
| LNSE.40M5    | 4 X M5        | 5        |
| LNSE.4001    | 4 X 1/8NPT    | 5        |
| LNSE.4002    | 4 X 1/4NPT    | 5        |
| LNSE.60M5    | 6 X M5        | 5        |
| LNSE.6001    | 6 X 1/8NPT    | 5        |
| LNSE.6002    | 6 X 1/4NPT    | 5        |
| LNSE.6003    | 6 X 3/8NPT    | 5        |
| LNSE.6004    | 6 X 1/2NPT    | 5        |
| LNSE.8001    | 8 X 1/8NPT    | 5        |
| LNSE.8002    | 8 X 1/4NPT    | 5        |
| LNSE.8003    | 8 X 3/8NPT    | 5        |
| LNSE.8004    | 8 X 1/2NPT    | 5        |
| LNSE.10001   | 10 X 1/8NPT   | 5        |
| LNSE.10002   | 10 X 1/4NPT   | 5        |
| LNSE.10003   | 10 X 3/8NPT   | 5        |
| LNSE.10004   | 10 X 1/2NPT   | 5        |
| LNSE.12001   | 12 X 1/8NPT   | 5        |
| LNSE.12002   | 12 X 1/4NPT   | 5        |
| LNSE.12003   | 12 X 3/8NPT   | 5        |
| LNSE.12004   | 12 X 1/2NPT   | 5        |
| LNSE5/32.R01 | 5/32 X 1/8NPT | 5        |
| LNSE5/32.R02 | 5/32 X 1/4NPT | 5        |
| LNSE1/4.R01  | 1/4 X 1/8NPT  | 5        |
| LNSE1/4.R02  | 1/4 X 1/4NPT  | 5        |
| LNSE1/4.R03  | 1/4 X 3/8NPT  | 5        |
| LNSE1/4.R04  | 1/4 X 1/2NPT  | 5        |
| LNSE5/16.R01 | 5/16 X 1/8NPT | 5        |
| LNSE5/16.R02 | 5/16 X 1/4NPT | 5        |
| LNSE5/16.R03 | 5/16 X 3/8NPT | 5        |
| LNSE5/16.R04 | 5/16 X 1/2NPT | 5        |
| LNSE3/8.R01  | 3/8 X 1/8NPT  | 5        |

**REGULADORA DE FLUXO TUBO X ROSCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LNSE3/8.R02   | 3/8 X 1/4NPT  | 5               |
| LNSE3/8.R03   | 3/8 X 3/8NPT  | 5               |
| LNSE3/8.R04   | 3/8 X 1/2NPT  | 5               |
| LNSE1/2.R01   | 1/2 X 1/8NPT  | 5               |
| LNSE1/2.R02   | 1/2 X 1/4NPT  | 5               |
| LNSE1/2.R03   | 1/2 X 3/8NPT  | 5               |
| LNSE1/2.R04   | 1/2 X 1/2NPT  | 5               |

**COTOVELO MACHO COM PARAFUSO OCO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPH.40M5      | 4 X M5        | 5               |
| LPH.4001      | 4 X 1/8NPT    | 5               |
| LPH.4002      | 4 X 1/4NPT    | 5               |
| LPH.60M5      | 6 X M5        | 5               |
| LPH.6001      | 6 X 1/8NPT    | 5               |
| LPH.6002      | 6 X 1/4NPT    | 5               |
| LPH.6003      | 6 X 3/8NPT    | 5               |
| LPH.6004      | 6 X 1/2NPT    | 5               |
| LPH.8001      | 8 X 1/8NPT    | 5               |
| LPH.8002      | 8 X 1/4NPT    | 5               |
| LPH.8003      | 8 X 3/8NPT    | 5               |
| LPH.8004      | 8 X 1/2NPT    | 5               |
| LPH.10001     | 10 X 1/8NPT   | 5               |
| LPH.10002     | 10 X 1/4NPT   | 5               |
| LPH.10003     | 10 X 3/8NPT   | 5               |
| LPH.10004     | 10 X 1/2NPT   | 5               |
| LPH.12001     | 12 X 1/8NPT   | 5               |
| LPH.12002     | 12 X 1/4NPT   | 5               |
| LPH.12003     | 12 X 3/8NPT   | 5               |
| LPH.12004     | 12 X 1/2NPT   | 5               |
| LPH5/32.R01   | 5/32 X 1/8NPT | 5               |
| LPH5/32.R02   | 5/32 X 1/4NPT | 5               |
| LPH1/4.R01    | 1/4 X 1/8NPT  | 5               |
| LPH1/4.R02    | 1/4 X 1/4NPT  | 5               |
| LPH1/4.R03    | 1/4 X 3/8NPT  | 5               |
| LPH1/4.R04    | 1/4 X 1/2NPT  | 5               |
| LPH5/16.R01   | 5/16 X 1/8NPT | 5               |
| LPH5/16.R02   | 5/16 X 1/4NPT | 5               |
| LPH5/16.R03   | 5/16 X 3/8NPT | 5               |
| LPH5/16.R04   | 5/16 X 1/2NPT | 5               |
| LPH3/8.R01    | 3/8 X 1/8NPT  | 5               |
| LPH3/8.R02    | 3/8 X 1/4NPT  | 5               |
| LPH3/8.R03    | 3/8 X 3/8NPT  | 5               |
| LPH3/8.R04    | 3/8 X 1/2NPT  | 5               |
| LPH1/2.R01    | 1/2 X 1/8NPT  | 5               |
| LPH1/2.R02    | 1/2 X 1/4NPT  | 5               |
| LPH1/2.R03    | 1/2 X 3/8NPT  | 5               |
| LPH1/2.R04    | 1/2 X 1/2NPT  | 5               |

**CORTADOR DE PLÁSTICO**

| <b>CÓDIGO</b> | <b>EMB. MIN</b> |
|---------------|-----------------|
| CTP01         | 1               |

**ALICATE DE CORTAR TUBO**

| <b>CÓDIGO</b> | <b>EMB. MIN</b> |
|---------------|-----------------|
| ALT01         | 1               |

# Conexões Plásticas

## **ROSCA BSP**



**CONECTOR MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPC.4001G     | 4 X 1/8BSP    | 5               |
| LPC.4002G     | 4 X 1/4BSP    | 5               |
| LPC.4003G     | 4 X 3/8BSP    | 5               |
| LPC.6001G     | 6 X 1/8BSP    | 5               |
| LPC.6002G     | 6 X 1/4BSP    | 5               |
| LPC.6003G     | 6 X 3/8BSP    | 5               |
| LPC.6004G     | 6 X 1/2BSP    | 5               |
| LPC.8001G     | 8 X 1/8BSP    | 5               |
| LPC.8002G     | 8 X 1/4BSP    | 5               |
| LPC.8003G     | 8 X 3/8BSP    | 5               |
| LPC.8004G     | 8 X 1/2BSP    | 5               |
| LPC.10001G    | 10 X 1/8BSP   | 5               |
| LPC.10002G    | 10 X 1/4BSP   | 5               |
| LPC.10003G    | 10 X 3/8BSP   | 5               |
| LPC.10004G    | 10 X 1/2BSP   | 5               |
| LPC.12001G    | 12 X 1/8BSP   | 5               |
| LPC.12002G    | 12 X 1/4BSP   | 5               |
| LPC.12003G    | 12 X 3/8BSP   | 5               |
| LPC.12004G    | 12 X 1/2BSP   | 5               |
| LPC.14002G    | 14 X 1/4BSP   | 5               |
| LPC.14003G    | 14 X 3/8BSP   | 5               |
| LPC.14004G    | 14 X 1/2BSP   | 5               |
| LPC.16002G    | 16 X 1/4BSP   | 5               |
| LPC.16003G    | 16 X 3/8BSP   | 5               |
| LPC.16004G    | 16 X 1/2BSP   | 5               |
| LPC.16006G    | 16 X 3/4BSP   | 5               |

**CONECTOR FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPCF.4001G    | 4 X 1/8BSP    | 5               |
| LPCF.4002G    | 4 X 1/4BSP    | 5               |
| LPCF.6001G    | 6 X 1/8BSP    | 5               |
| LPCF.6002G    | 6 X 1/4BSP    | 5               |
| LPCF.6003G    | 6 X 3/8BSP    | 5               |
| LPCF.6004G    | 6 X 1/2BSP    | 5               |
| LPCF.8001G    | 8 X 1/8BSP    | 5               |
| LPCF.8002G    | 8 X 1/4BSP    | 5               |
| LPCF.8003G    | 8 X 3/8BSP    | 5               |
| LPCF.8004G    | 8 X 1/2BSP    | 5               |
| LPCF.10001G   | 10 X 1/8BSP   | 5               |
| LPCF.10002G   | 10 X 1/4BSP   | 5               |
| LPCF.10003G   | 10 X 3/8BSP   | 5               |
| LPCF.10004G   | 10 X 1/2BSP   | 5               |
| LPCF.12001G   | 12 X 1/8BSP   | 5               |
| LPCF.12002G   | 12 X 1/4BSP   | 5               |
| LPCF.12003G   | 12 X 3/8BSP   | 5               |
| LPCF.12004G   | 12 X 1/2BSP   | 5               |

**COTOVELO MACHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPL.4001G     | 4 X 1/8BSP    | 5               |
| LPL.4002G     | 4 X 1/4BSP    | 5               |
| LPL.4003G     | 4 X 3/8BSP    | 5               |
| LPL.6001G     | 6 X 1/8BSP    | 5               |
| LPL.6002G     | 6 X 1/4BSP    | 5               |
| LPL.6003G     | 6 X 3/8BSP    | 5               |
| LPL.6004G     | 6 X 1/2BSP    | 5               |
| LPL.8001G     | 8 X 1/8BSP    | 5               |
| LPL.8002G     | 8 X 1/4BSP    | 5               |
| LPL.8003G     | 8 X 3/8BSP    | 5               |
| LPL.8004G     | 8 X 1/2BSP    | 5               |
| LPL.10001G    | 10 X 1/8BSP   | 5               |
| LPL.10002G    | 10 X 1/4BSP   | 5               |
| LPL.10003G    | 10 X 3/8BSP   | 5               |
| LPL.10004G    | 10 X 1/2BSP   | 5               |
| LPL.12001G    | 12 X 1/8BSP   | 5               |
| LPL.12002G    | 12 X 1/4BSP   | 5               |
| LPL.12003G    | 12 X 3/8BSP   | 5               |
| LPL.12004G    | 12 X 1/2BSP   | 5               |
| LPL.14002G    | 14 X 1/4BSP   | 5               |
| LPL.14003G    | 14 X 3/8BSP   | 5               |
| LPL.14004G    | 14 X 1/2BSP   | 5               |
| LPL.16002G    | 16 X 1/4BSP   | 5               |
| LPL.16003G    | 16 X 3/8BSP   | 5               |
| LPL.16004G    | 16 X 1/2BSP   | 5               |
| LPL.16006G    | 16 X 3/4BSP   | 5               |

**COTOVELO FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPF.4001G     | 4 X 1/8BSP    | 5               |
| LPF.4002G     | 4 X 1/4BSP    | 5               |
| LPF.6001G     | 6 X 1/8BSP    | 5               |
| LPF.6002G     | 6 X 1/4BSP    | 5               |
| LPF.6003G     | 6 X 3/8BSP    | 5               |
| LPF.6004G     | 6 X 1/2BSP    | 5               |
| LPF.8001G     | 8 X 1/8BSP    | 5               |
| LPF.8002G     | 8 X 1/4BSP    | 5               |
| LPF.8003G     | 8 X 3/8BSP    | 5               |
| LPF.8004G     | 8 X 1/2BSP    | 5               |
| LPF.10001G    | 10 X 1/8BSP   | 5               |
| LPF.10002G    | 10 X 1/4BSP   | 5               |
| LPF.10003G    | 10 X 3/8BSP   | 5               |
| LPF.10004G    | 10 X 1/2BSP   | 5               |
| LPF.12001G    | 12 X 1/8BSP   | 5               |
| LPF.12002G    | 12 X 1/4BSP   | 5               |
| LPF.12003G    | 12 X 3/8BSP   | 5               |
| LPF.12004G    | 12 X 1/2BSP   | 5               |

**COTOVELO MACHO LONGO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPLL.4001G    | 4 X 1/8BSP    | 5               |
| LPLL.4002G    | 4 X 1/4BSP    | 5               |
| LPLL.6001G    | 6 X 1/8BSP    | 5               |
| LPLL.6002G    | 6 X 1/4BSP    | 5               |
| LPLL.6003G    | 6 X 3/8BSP    | 5               |
| LPLL.6004G    | 6 X 1/2BSP    | 5               |
| LPLL.8001G    | 8 X 1/8BSP    | 5               |
| LPLL.8002G    | 8 X 1/4BSP    | 5               |
| LPLL.8003G    | 8 X 3/8BSP    | 5               |
| LPLL.8004G    | 8 X 1/2BSP    | 5               |
| LPLL.10001G   | 10 X 1/8BSP   | 5               |
| LPLL.10002G   | 10 X 1/4BSP   | 5               |
| LPLL.10003G   | 10 X 3/8BSP   | 5               |
| LPLL.10004G   | 10 X 1/2BSP   | 5               |
| LPLL.12001G   | 12 X 1/8BSP   | 5               |
| LPLL.12002G   | 12 X 1/4BSP   | 5               |
| LPLL.12003G   | 12 X 3/8BSP   | 5               |
| LPLL.12004G   | 12 X 1/2BSP   | 5               |

**TEE MACHO CENTRAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPT.4001G     | 4 X 1/8BSP    | 5               |
| LPT.4002G     | 4 X 1/4BSP    | 5               |
| LPT.4003G     | 4 X 3/8BSP    | 5               |
| LPT.6001G     | 6 X 1/8BSP    | 5               |
| LPT.6002G     | 6 X 1/4BSP    | 5               |
| LPT.6003G     | 6 X 3/8BSP    | 5               |
| LPT.6004G     | 6 X 1/2BSP    | 5               |
| LPT.8001G     | 8 X 1/8BSP    | 5               |
| LPT.8002G     | 8 X 1/4BSP    | 5               |
| LPT.8003G     | 8 X 3/8BSP    | 5               |
| LPT.8004G     | 8 X 1/2BSP    | 5               |
| LPT.10001G    | 10 X 1/8BSP   | 5               |
| LPT.10002G    | 10 X 1/4BSP   | 5               |
| LPT.10003G    | 10 X 3/8BSP   | 5               |
| LPT.10004G    | 10 X 1/2BSP   | 5               |
| LPT.12001G    | 12 X 1/8BSP   | 5               |
| LPT.12002G    | 12 X 1/4BSP   | 5               |
| LPT.12003G    | 12 X 3/8BSP   | 5               |
| LPT.12004G    | 12 X 1/2BSP   | 5               |

## TEE MACHO LATERAL



| CÓDIGO      | MEDIDA      | EMB. MIN |
|-------------|-------------|----------|
| LPST.4001G  | 4 X 1/8BSP  | 5        |
| LPST.4002G  | 4 X 1/4BSP  | 5        |
| LPST.4003G  | 4 X 3/8BSP  | 5        |
| LPST.6001G  | 6 X 1/8BSP  | 5        |
| LPST.6002G  | 6 X 1/4BSP  | 5        |
| LPST.6003G  | 6 X 3/8BSP  | 5        |
| LPST.6004G  | 6 X 1/2BSP  | 5        |
| LPST.8001G  | 8 X 1/8BSP  | 5        |
| LPST.8002G  | 8 X 1/4BSP  | 5        |
| LPST.8003G  | 8 X 3/8BSP  | 5        |
| LPST.8004G  | 8 X 1/2BSP  | 5        |
| LPST.10001G | 10 X 1/8BSP | 5        |
| LPST.10002G | 10 X 1/4BSP | 5        |
| LPST.10003G | 10 X 3/8BSP | 5        |
| LPST.10004G | 10 X 1/2BSP | 5        |
| LPST.12001G | 12 X 1/8BSP | 5        |
| LPST.12002G | 12 X 1/4BSP | 5        |
| LPST.12003G | 12 X 3/8BSP | 5        |
| LPST.12004G | 12 X 1/2BSP | 5        |

## Y MACHO CENTRAL



| CÓDIGO      | MEDIDA      | EMB. MIN |
|-------------|-------------|----------|
| LPWT.4001G  | 4 X 1/8BSP  | 5        |
| LPWT.4002G  | 4 X 1/4BSP  | 5        |
| LPWT.4003G  | 4 X 3/8BSP  | 5        |
| LPWT.6001G  | 6 X 1/8BSP  | 5        |
| LPWT.6002G  | 6 X 1/4BSP  | 5        |
| LPWT.6003G  | 6 X 3/8BSP  | 5        |
| LPWT.6004G  | 6 X 1/2BSP  | 5        |
| LPWT.8001G  | 8 X 1/8BSP  | 5        |
| LPWT.8002G  | 8 X 1/4BSP  | 5        |
| LPWT.8003G  | 8 X 3/8BSP  | 5        |
| LPWT.8004G  | 8 X 1/2BSP  | 5        |
| LPWT.10001G | 10 X 1/8BSP | 5        |
| LPWT.10002G | 10 X 1/4BSP | 5        |
| LPWT.10003G | 10 X 3/8BSP | 5        |
| LPWT.10004G | 10 X 1/2BSP | 5        |
| LPWT.12001G | 12 X 1/8BSP | 5        |
| LPWT.12002G | 12 X 1/4BSP | 5        |
| LPWT.12003G | 12 X 3/8BSP | 5        |
| LPWT.12004G | 12 X 1/2BSP | 5        |

**REGULADOR DE FLUXO TUBO X ROSCA**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LNSE.4001G    | 4 X 1/8BSP    | 5               |
| LNSE.4002G    | 4 X 1/4BSP    | 5               |
| LNSE.6001G    | 6 X 1/8BSP    | 5               |
| LNSE.6002G    | 6 X 1/4BSP    | 5               |
| LNSE.6003G    | 6 X 3/8BSP    | 5               |
| LNSE.6004G    | 6 X 1/2BSP    | 5               |
| LNSE.8001G    | 8 X 1/8BSP    | 5               |
| LNSE.8002G    | 8 X 1/4BSP    | 5               |
| LNSE.8003G    | 8 X 3/8BSP    | 5               |
| LNSE.8004G    | 8 X 1/2BSP    | 5               |
| LNSE.10001G   | 10 X 1/8BSP   | 5               |
| LNSE.10002G   | 10 X 1/4BSP   | 5               |
| LNSE.10003G   | 10 X 3/8BSP   | 5               |
| LNSE.10004G   | 10 X 1/2BSP   | 5               |
| LNSE.12001G   | 12 X 1/8BSP   | 5               |
| LNSE.12002G   | 12 X 1/4BSP   | 5               |
| LNSE.12003G   | 12 X 3/8BSP   | 5               |
| LNSE.12004G   | 12 X 1/2BSP   | 5               |

**COTOVELO MACHO COM PARAFUSO OCO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LPH.4001G     | 4 X 1/8BSP    | 5               |
| LPH.4002G     | 4 X 1/4BSP    | 5               |
| LPH.6001G     | 6 X 1/8BSP    | 5               |
| LPH.6002G     | 6 X 1/4BSP    | 5               |
| LPH.6003G     | 6 X 3/8BSP    | 5               |
| LPH.6004G     | 6 X 1/2BSP    | 5               |
| LPH.8001G     | 8 X 1/8BSP    | 5               |
| LPH.8002G     | 8 X 1/4BSP    | 5               |
| LPH.8003G     | 8 X 3/8BSP    | 5               |
| LPH.8004G     | 8 X 1/2BSP    | 5               |
| LPH.10001G    | 10 X 1/8BSP   | 5               |
| LPH.10002G    | 10 X 1/4BSP   | 5               |
| LPH.10003G    | 10 X 3/8BSP   | 5               |
| LPH.10004G    | 10 X 1/2BSP   | 5               |
| LPH.12001G    | 12 X 1/8BSP   | 5               |
| LPH.12002G    | 12 X 1/4BSP   | 5               |
| LPH.12003G    | 12 X 3/8BSP   | 5               |
| LPH.12004G    | 12 X 1/2BSP   | 5               |

An abstract graphic on the right side of the page features two large, interlocking rings. The upper ring is a light orange color, and the lower ring is a muted purple color. They overlap in a way that creates a sense of depth and mechanical connection, mirroring the 'quick coupling' theme of the document.

# Conexões engate rápido

## **NIQUELADO ROSCA NPT**

**UNIÃO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM04.40     | 4MM           | 5               |
| LCIM04.60     | 6MM           | 5               |
| LCIM04.80     | 8MM           | 5               |
| LCIM04.100    | 10MM          | 5               |
| LCIM04.120    | 12MM          | 5               |
| LCIM04.140    | 14MM          | 5               |
| LCIM04.160    | 16MM          | 5               |

**TEE UNIÃO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM12.40     | 4MM           | 5               |
| LCIM12.60     | 6MM           | 5               |
| LCIM12.80     | 8MM           | 5               |
| LCIM12.100    | 10MM          | 5               |
| LCIM12.120    | 12MM          | 5               |
| LCIM12.140    | 14MM          | 5               |
| LCIM12.160    | 16MM          | 5               |

**UNIÃO REDUTORA INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM17.6040   | 6 X 4         | 5               |
| LCIM17.8060   | 8 X 6         | 5               |
| LCIM17.10060  | 10 X 6        | 5               |
| LCIM17.10080  | 10 X 8        | 5               |
| LCIM17.12080  | 12 X 8        | 5               |
| LCIM17.120100 | 12 X 10       | 5               |
| LCIM17.160120 | 16 X 12       | 5               |

**COTOVELO UNIÃO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM07.40     | 4MM           | 5               |
| LCIM07.60     | 6MM           | 5               |
| LCIM07.80     | 8MM           | 5               |
| LCIM07.100    | 10MM          | 5               |
| LCIM07.120    | 12MM          | 5               |
| LCIM07.140    | 14MM          | 5               |
| LCIM07.160    | 16MM          | 5               |

**CRUZETA UNIÃO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM13.40     | 4MM           | 5               |
| LCIM13.60     | 6MM           | 5               |
| LCIM13.80     | 8MM           | 5               |
| LCIM13.100    | 10MM          | 5               |
| LCIM13.120    | 12MM          | 5               |
| LCIM13.140    | 14MM          | 5               |
| LCIM13.160    | 16MM          | 5               |

**Y UNIÃO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM14.40     | 4MM           | 5               |
| LCIM14.60     | 6MM           | 5               |
| LCIM14.80     | 8MM           | 5               |
| LCIM14.100    | 10MM          | 5               |
| LCIM14.120    | 12MM          | 5               |
| LCIM14.140    | 14MM          | 5               |
| LCIM14.160    | 16MM          | 5               |

**Y REDUTOR CENTRAL INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM15.6040   | 6 X 4         | 5               |
| LCIM15.8060   | 8 X 6         | 5               |
| LCIM15.10060  | 10 X 6        | 5               |
| LCIM15.10080  | 10 X 8        | 5               |
| LCIM15.12080  | 12 X 8        | 5               |
| LCIM15.120100 | 12 X 10       | 5               |
| LCIM15.160120 | 16 X 12       | 5               |

**UNIÃO PAINEL INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM18.40     | 4MM           | 5               |
| LCIM18.60     | 6MM           | 5               |
| LCIM18.80     | 8MM           | 5               |
| LCIM18.100    | 10MM          | 5               |
| LCIM18.120    | 12MM          | 5               |
| LCIM18.140    | 14MM          | 5               |
| LCIM18.160    | 16MM          | 5               |

**CONECTOR MACHO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM03.40M5   | 4 X M5        | 5               |
| LCIM03.4002   | 4 X 1/8NPT    | 5               |
| LCIM03.4004   | 4 X 1/4NPT    | 5               |
| LCIM03.60M5   | 6 X M5        | 5               |
| LCIM03.6002   | 6 X 1/8NPT    | 5               |
| LCIM03.6004   | 6 X 1/4NPT    | 5               |
| LCIM03.6006   | 6 X 3/8NPT    | 5               |
| LCIM03.6008   | 6 X 1/2NPT    | 5               |
| LCIM03.8002   | 8 X 1/8NPT    | 5               |
| LCIM03.8004   | 8 X 1/4NPT    | 5               |
| LCIM03.8006   | 8 X 3/8NPT    | 5               |
| LCIM03.8008   | 8 X 1/2NPT    | 5               |
| LCIM03.10002  | 10 X 1/8NPT   | 5               |
| LCIM03.10004  | 10 X 1/4NPT   | 5               |
| LCIM03.10006  | 10 X 3/8NPT   | 5               |
| LCIM03.10008  | 10 X 1/2NPT   | 5               |
| LCIM03.12002  | 12 X 1/8NPT   | 5               |
| LCIM03.12004  | 12 X 1/4NPT   | 5               |
| LCIM03.12006  | 12 X 3/8NPT   | 5               |
| LCIM03.12008  | 12 X 1/2NPT   | 5               |
| LCIM03.14004  | 14 X 1/4NPT   | 5               |
| LCIM03.14006  | 14 X 3/8NPT   | 5               |
| LCIM03.14008  | 14 X 1/2NPT   | 5               |
| LCIM03.16004  | 16 X 1/4NPT   | 5               |
| LCIM03.16006  | 16 X 3/8NPT   | 5               |
| LCIM03.16008  | 16 X 1/2NPT   | 5               |
| LCIM03.16012  | 16 X 3/4NPT   | 5               |

**CONECTOR FÊMEA INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM05.40M5   | 4 X M5        | 5               |
| LCIM05.4002   | 4 X 1/8NPT    | 5               |
| LCIM05.4004   | 4 X 1/4NPT    | 5               |
| LCIM05.60M5   | 6 X M5        | 5               |
| LCIM05.6002   | 6 X 1/8NPT    | 5               |
| LCIM05.6004   | 6 X 1/4NPT    | 5               |
| LCIM05.6006   | 6 X 3/8NPT    | 5               |
| LCIM05.6008   | 6 X 1/2NPT    | 5               |
| LCIM05.8002   | 8 X 1/8NPT    | 5               |
| LCIM05.8004   | 8 X 1/4NPT    | 5               |
| LCIM05.8006   | 8 X 3/8NPT    | 5               |
| LCIM05.8008   | 8 X 1/2NPT    | 5               |
| LCIM05.10002  | 10 X 1/8NPT   | 5               |
| LCIM05.10004  | 10 X 1/4NPT   | 5               |
| LCIM05.10006  | 10 X 3/8NPT   | 5               |
| LCIM05.10008  | 10 X 1/2NPT   | 5               |
| LCIM05.12002  | 12 X 1/8NPT   | 5               |
| LCIM05.12004  | 12 X 1/4NPT   | 5               |
| LCIM05.12006  | 12 X 3/8NPT   | 5               |
| LCIM05.12008  | 12 X 1/2NPT   | 5               |

**COTOVELO MACHO GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM06.40M5   | 4 X M5        | 5               |
| LCIM06.4002   | 4 X 1/8NPT    | 5               |
| LCIM06.4004   | 4 X 1/4NPT    | 5               |
| LCIM06.60M5   | 6 X M5        | 5               |
| LCIM06.6002   | 6 X 1/8NPT    | 5               |
| LCIM06.6004   | 6 X 1/4NPT    | 5               |
| LCIM06.6006   | 6 X 3/8NPT    | 5               |
| LCIM06.6008   | 6 X 1/2NPT    | 5               |
| LCIM06.8002   | 8 X 1/8NPT    | 5               |
| LCIM06.8004   | 8 X 1/4NPT    | 5               |
| LCIM06.8006   | 8 X 3/8NPT    | 5               |
| LCIM06.8008   | 8 X 1/2NPT    | 5               |
| LCIM06.10002  | 10 X 1/8NPT   | 5               |
| LCIM06.10004  | 10 X 1/4NPT   | 5               |
| LCIM06.10006  | 10 X 3/8NPT   | 5               |
| LCIM06.10008  | 10 X 1/2NPT   | 5               |
| LCIM06.12002  | 12 X 1/8NPT   | 5               |
| LCIM06.12004  | 12 X 1/4NPT   | 5               |
| LCIM06.12006  | 12 X 3/8NPT   | 5               |
| LCIM06.12008  | 12 X 1/2NPT   | 5               |
| LCIM06.14004  | 14 X 1/4NPT   | 5               |
| LCIM06.14006  | 14 X 3/8NPT   | 5               |
| LCIM06.14008  | 14 X 1/2NPT   | 5               |
| LCIM06.16004  | 16 X 1/4NPT   | 5               |
| LCIM06.16006  | 16 X 3/8NPT   | 5               |
| LCIM06.16008  | 16 X 1/2NPT   | 5               |
| LCIM06.16012  | 16 X 3/4NPT   | 5               |

**TEE MACHO CENTRAL GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM10.40M5   | 4 X M5        | 5               |
| LCIM10.4002   | 4 X 1/8NPT    | 5               |
| LCIM10.4004   | 4 X 1/4NPT    | 5               |
| LCIM10.60M5   | 6 X M5        | 5               |
| LCIM10.6002   | 6 X 1/8NPT    | 5               |
| LCIM10.6004   | 6 X 1/4NPT    | 5               |
| LCIM10.6006   | 6 X 3/8NPT    | 5               |
| LCIM10.6008   | 6 X 1/2NPT    | 5               |
| LCIM10.8002   | 8 X 1/8NPT    | 5               |
| LCIM10.8004   | 8 X 1/4NPT    | 5               |
| LCIM10.8006   | 8 X 3/8NPT    | 5               |
| LCIM10.8008   | 8 X 1/2NPT    | 5               |
| LCIM10.10002  | 10 X 1/8NPT   | 5               |
| LCIM10.10004  | 10 X 1/4NPT   | 5               |
| LCIM10.10006  | 10 X 3/8NPT   | 5               |
| LCIM10.10008  | 10 X 1/2NPT   | 5               |
| LCIM10.12002  | 12 X 1/8NPT   | 5               |
| LCIM10.12004  | 12 X 1/4NPT   | 5               |
| LCIM10.12006  | 12 X 3/8NPT   | 5               |
| LCIM10.12008  | 12 X 1/2NPT   | 5               |

**TEE MACHO LATERAL GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM11.40M5   | 4 X M5        | 5               |
| LCIM11.4002   | 4 X 1/8NPT    | 5               |
| LCIM11.4004   | 4 X 1/4NPT    | 5               |
| LCIM11.60M5   | 6 X M5        | 5               |
| LCIM11.6002   | 6 X 1/8NPT    | 5               |
| LCIM11.6004   | 6 X 1/4NPT    | 5               |
| LCIM11.6006   | 6 X 3/8NPT    | 5               |
| LCIM11.6008   | 6 X 1/2NPT    | 5               |
| LCIM11.8002   | 8 X 1/8NPT    | 5               |
| LCIM11.8004   | 8 X 1/4NPT    | 5               |
| LCIM11.8006   | 8 X 3/8NPT    | 5               |
| LCIM11.8008   | 8 X 1/2NPT    | 5               |
| LCIM11.10002  | 10 X 1/8NPT   | 5               |
| LCIM11.10004  | 10 X 1/4NPT   | 5               |
| LCIM11.10006  | 10 X 3/8NPT   | 5               |
| LCIM11.10008  | 10 X 1/2NPT   | 5               |
| LCIM11.12002  | 12 X 1/8NPT   | 5               |
| LCIM11.12004  | 12 X 1/4NPT   | 5               |
| LCIM11.12006  | 12 X 3/8NPT   | 5               |
| LCIM11.12008  | 12 X 1/2NPT   | 5               |

**COTOVELO FÊMEA GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM08.40M5   | 4 X M5        | 5               |
| LCIM08.4002   | 4 X 1/8NPT    | 5               |
| LCIM08.4004   | 4 X 1/4NPT    | 5               |
| LCIM08.60M5   | 6 X M5        | 5               |
| LCIM08.6002   | 6 X 1/8NPT    | 5               |
| LCIM08.6004   | 6 X 1/4NPT    | 5               |
| LCIM08.6006   | 6 X 3/8NPT    | 5               |
| LCIM08.6008   | 6 X 1/2NPT    | 5               |
| LCIM08.8002   | 8 X 1/8NPT    | 5               |
| LCIM08.8004   | 8 X 1/4NPT    | 5               |
| LCIM08.8006   | 8 X 3/8NPT    | 5               |
| LCIM08.8008   | 8 X 1/2NPT    | 5               |
| LCIM08.10002  | 10 X 1/8NPT   | 5               |
| LCIM08.10004  | 10 X 1/4NPT   | 5               |
| LCIM08.10006  | 10 X 3/8NPT   | 5               |
| LCIM08.10008  | 10 X 1/2NPT   | 5               |
| LCIM08.12002  | 12 X 1/8NPT   | 5               |
| LCIM08.12004  | 12 X 1/4NPT   | 5               |
| LCIM08.12006  | 12 X 3/8NPT   | 5               |
| LCIM08.12008  | 12 X 1/2NPT   | 5               |



# Conexões engate rápido

## **NIQUELADO ROSCA BSP**

**CONECTOR MACHO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM03.4002G  | 4 X 1/8BSP    | 5               |
| LCIM03.4004G  | 4 X 1/4BSP    | 5               |
| LCIM03.6002G  | 6 X 1/8BSP    | 5               |
| LCIM03.6004G  | 6 X 1/4BSP    | 5               |
| LCIM03.6006G  | 6 X 3/8BSP    | 5               |
| LCIM03.6008G  | 6 X 1/2BSP    | 5               |
| LCIM03.8002G  | 8 X 1/8BSP    | 5               |
| LCIM03.8004G  | 8 X 1/4BSP    | 5               |
| LCIM03.8006G  | 8 X 3/8BSP    | 5               |
| LCIM03.8008G  | 8 X 1/2BSP    | 5               |
| LCIM03.10002G | 10 X 1/8BSP   | 5               |
| LCIM03.10004G | 10 X 1/4BSP   | 5               |
| LCIM03.10006G | 10 X 3/8BSP   | 5               |
| LCIM03.10008G | 10 X 1/2BSP   | 5               |
| LCIM03.12002G | 12 X 1/8BSP   | 5               |
| LCIM03.12004G | 12 X 1/4BSP   | 5               |
| LCIM03.12006G | 12 X 3/8BSP   | 5               |
| LCIM03.12008G | 12 X 1/2BSP   | 5               |
| LCIM03.14004G | 14 X 1/4BSP   | 5               |
| LCIM03.14006G | 14 X 3/8BSP   | 5               |
| LCIM03.14008G | 14 X 1/2BSP   | 5               |
| LCIM03.16004G | 16 X 1/4BSP   | 5               |
| LCIM03.16006G | 16 X 3/8BSP   | 5               |
| LCIM03.16008G | 16 X 1/2BSP   | 5               |
| LCIM03.16012G | 16 X 3/4BSP   | 5               |

**CONECTOR FÊMEA INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM05.4002G  | 4 X 1/8BSP    | 5               |
| LCIM05.4004G  | 4 X 1/4BSP    | 5               |
| LCIM05.6002G  | 6 X 1/8BSP    | 5               |
| LCIM05.6004G  | 6 X 1/4BSP    | 5               |
| LCIM05.6006G  | 6 X 3/8BSP    | 5               |
| LCIM05.6008G  | 6 X 1/2BSP    | 5               |
| LCIM05.8002G  | 8 X 1/8BSP    | 5               |
| LCIM05.8004G  | 8 X 1/4BSP    | 5               |
| LCIM05.8006G  | 8 X 3/8BSP    | 5               |
| LCIM05.8008G  | 8 X 1/2BSP    | 5               |
| LCIM05.10002G | 10 X 1/8BSP   | 5               |
| LCIM05.10004G | 10 X 1/4BSP   | 5               |
| LCIM05.10006G | 10 X 3/8BSP   | 5               |
| LCIM05.10008G | 10 X 1/2BSP   | 5               |
| LCIM05.12002G | 12 X 1/8BSP   | 5               |
| LCIM05.12004G | 12 X 1/4BSP   | 5               |
| LCIM05.12006G | 12 X 3/8BSP   | 5               |
| LCIM05.12008G | 12 X 1/2BSP   | 5               |

**COTOVELO MACHO GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM06.4002G  | 4 X 1/8BSP    | 5               |
| LCIM06.4004G  | 4 X 1/4BSP    | 5               |
| LCIM06.6002G  | 6 X 1/8BSP    | 5               |
| LCIM06.6004G  | 6 X 1/4BSP    | 5               |
| LCIM06.6006G  | 6 X 3/8BSP    | 5               |
| LCIM06.6008G  | 6 X 1/2BSP    | 5               |
| LCIM06.8002G  | 8 X 1/8BSP    | 5               |
| LCIM06.8004G  | 8 X 1/4BSP    | 5               |
| LCIM06.8006G  | 8 X 3/8BSP    | 5               |
| LCIM06.8008G  | 8 X 1/2BSP    | 5               |
| LCIM06.10002G | 10 X 1/8BSP   | 5               |
| LCIM06.10004G | 10 X 1/4BSP   | 5               |
| LCIM06.10006G | 10 X 3/8BSP   | 5               |
| LCIM06.10008G | 10 X 1/2BSP   | 5               |
| LCIM06.12002G | 12 X 1/8BSP   | 5               |
| LCIM06.12004G | 12 X 1/4BSP   | 5               |
| LCIM06.12006G | 12 X 3/8BSP   | 5               |
| LCIM06.12008G | 12 X 1/2BSP   | 5               |
| LCIM06.14004G | 14 X 1/4BSP   | 5               |
| LCIM06.14006G | 14 X 3/8BSP   | 5               |
| LCIM06.14008G | 14 X 1/2BSP   | 5               |
| LCIM06.16004G | 16 X 1/4BSP   | 5               |
| LCIM06.16006G | 16 X 3/8BSP   | 5               |
| LCIM06.16008G | 16 X 1/2BSP   | 5               |
| LCIM06.16012G | 16 X 3/4BSP   | 5               |

**TEE MACHO CENTRAL GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM10.4002G  | 4 X 1/8BSP    | 5               |
| LCIM10.4004G  | 4 X 1/4BSP    | 5               |
| LCIM10.6002G  | 6 X 1/8BSP    | 5               |
| LCIM10.6004G  | 6 X 1/4BSP    | 5               |
| LCIM10.6006G  | 6 X 3/8BSP    | 5               |
| LCIM10.6008G  | 6 X 1/2BSP    | 5               |
| LCIM10.8002G  | 8 X 1/8BSP    | 5               |
| LCIM10.8004G  | 8 X 1/4BSP    | 5               |
| LCIM10.8006G  | 8 X 3/8BSP    | 5               |
| LCIM10.8008G  | 8 X 1/2BSP    | 5               |
| LCIM10.10002G | 10 X 1/8BSP   | 5               |
| LCIM10.10004G | 10 X 1/4BSP   | 5               |
| LCIM10.10006G | 10 X 3/8BSP   | 5               |
| LCIM10.10008G | 10 X 1/2BSP   | 5               |
| LCIM10.12002G | 12 X 1/8BSP   | 5               |
| LCIM10.12004G | 12 X 1/4BSP   | 5               |
| LCIM10.12006G | 12 X 3/8BSP   | 5               |
| LCIM10.12008G | 12 X 1/2BSP   | 5               |

**TEE MACHO LATERAL GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIMT1.4002G  | 4 X 1/8BSP    | 5               |
| LCIMT1.4004G  | 4 X 1/4BSP    | 5               |
| LCIMT1.6002G  | 6 X 1/8BSP    | 5               |
| LCIMT1.6004G  | 6 X 1/4BSP    | 5               |
| LCIMT1.6006G  | 6 X 3/8BSP    | 5               |
| LCIMT1.6008G  | 6 X 1/2BSP    | 5               |
| LCIMT1.8002G  | 8 X 1/8BSP    | 5               |
| LCIMT1.8004G  | 8 X 1/4BSP    | 5               |
| LCIMT1.8006G  | 8 X 3/8BSP    | 5               |
| LCIMT1.8008G  | 8 X 1/2BSP    | 5               |
| LCIMT1.10002G | 10 X 1/8BSP   | 5               |
| LCIMT1.10004G | 10 X 1/4BSP   | 5               |
| LCIMT1.10006G | 10 X 3/8BSP   | 5               |
| LCIMT1.10008G | 10 X 1/2BSP   | 5               |
| LCIMT1.12002G | 12 X 1/8BSP   | 5               |
| LCIMT1.12004G | 12 X 1/4BSP   | 5               |
| LCIMT1.12006G | 12 X 3/8BSP   | 5               |
| LCIMT1.12008G | 12 X 1/2BSP   | 5               |

**COTOVELO FÊMEA GIRATÓRIO INSTANTÂNEO METAL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LCIM08.4002G  | 4 X 1/8BSP    | 5               |
| LCIM08.4004G  | 4 X 1/4BSP    | 5               |
| LCIM08.6002G  | 6 X 1/8BSP    | 5               |
| LCIM08.6004G  | 6 X 1/4BSP    | 5               |
| LCIM08.6006G  | 6 X 3/8BSP    | 5               |
| LCIM08.6008G  | 6 X 1/2BSP    | 5               |
| LCIM08.8002G  | 8 X 1/8BSP    | 5               |
| LCIM08.8004G  | 8 X 1/4BSP    | 5               |
| LCIM08.8006G  | 8 X 3/8BSP    | 5               |
| LCIM08.8008G  | 8 X 1/2BSP    | 5               |
| LCIM08.10002G | 10 X 1/8BSP   | 5               |
| LCIM08.10004G | 10 X 1/4BSP   | 5               |
| LCIM08.10006G | 10 X 3/8BSP   | 5               |
| LCIM08.10008G | 10 X 1/2BSP   | 5               |
| LCIM08.12002G | 12 X 1/8BSP   | 5               |
| LCIM08.12004G | 12 X 1/4BSP   | 5               |
| LCIM08.12006G | 12 X 3/8BSP   | 5               |
| LCIM08.12008G | 12 X 1/2BSP   | 5               |

## Conexões sistema **2 TOQUES**

An abstract graphic on the right side of the page consists of several overlapping, thick, curved bands. The colors are a warm orange and a muted purple. The bands are arranged in a way that creates a sense of depth and movement, resembling a stylized 'C' or a series of interlocking loops.

**CONECTOR MACHO 2 TOQUES NPT**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LMTTC.6001    | 6 X 1/8 NPT   | 5               |
| LMTTC.6002    | 6 X 1/4 NPT   | 5               |
| LMTTC.6003    | 6 X 3/8 NPT   | 5               |
| LMTTC.6004    | 6 X 1/2 NPT   | 5               |
| LMTTC.8001    | 8 X 1/8 NPT   | 5               |
| LMTTC.8002    | 8 X 1/4 NPT   | 5               |
| LMTTC.8003    | 8 X 3/8 NPT   | 5               |
| LMTTC.8004    | 8 X 1/2 NPT   | 5               |
| LMTTC.10001   | 10 X 1/8 NPT  | 5               |
| LMTTC.10002   | 10 X 1/4 NPT  | 5               |
| LMTTC.10003   | 10 X 3/8 NPT  | 5               |
| LMTTC.10004   | 10 X 1/2 NPT  | 5               |
| LMTTC.12002   | 12 X 1/4 NPT  | 5               |
| LMTTC.12003   | 12 X 3/8 NPT  | 5               |
| LMTTC.12004   | 12 X 1/2 NPT  | 5               |

**COTOVELO MACHO 2 TOQUES NPT**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LMTL.6001     | 6 X 1/8 NPT   | 5               |
| LMTL.6002     | 6 X 1/4 NPT   | 5               |
| LMTL.6003     | 6 X 3/8 NPT   | 5               |
| LMTL.6004     | 6 X 1/2 NPT   | 5               |
| LMTL.8001     | 8 X 1/8 NPT   | 5               |
| LMTL.8002     | 8 X 1/4 NPT   | 5               |
| LMTL.8003     | 8 X 3/8 NPT   | 5               |
| LMTL.8004     | 8 X 1/2 NPT   | 5               |
| LMTL.10001    | 10 X 1/8 NPT  | 5               |
| LMTL.10002    | 10 X 1/4 NPT  | 5               |
| LMTL.10003    | 10 X 3/8 NPT  | 5               |
| LMTL.10004    | 10 X 1/2 NPT  | 5               |
| LMTL.12002    | 12 X 1/4 NPT  | 5               |
| LMTL.12003    | 12 X 3/8 NPT  | 5               |
| LMTL.12004    | 12 X 1/2 NPT  | 5               |

**UNIÃO 2 TOQUES**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LMTUC.40      | 4MM           | 5               |
| LMTUC.60      | 6MM           | 5               |
| LMTUC.80      | 8MM           | 5               |
| LMTUC.100     | 10MM          | 5               |
| LMTUC.120     | 12MM          | 5               |

**TEE UNIÃO 2 TOQUES**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LMTUT.40      | 4MM           | 5               |
| LMTUT.60      | 6MM           | 5               |
| LMTUT.80      | 8MM           | 5               |
| LMTUT.100     | 10MM          | 5               |

**CONECTOR MACHO 2 TOQUES BSP**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LMTc.4001G    | 4 X 1/8 BSP   | 5               |
| LMTc.4002G    | 4 X 1/4 BSP   | 5               |
| LMTc.6001G    | 6 X 1/8 BSP   | 5               |
| LMTc.6002G    | 6 X 1/4 BSP   | 5               |
| LMTc.6003G    | 6 X 3/8 BSP   | 5               |
| LMTc.8001G    | 8 X 1/8 BSP   | 5               |
| LMTc.8002G    | 8 X 1/4 BSP   | 5               |
| LMTc.8003G    | 8 X 3/8 BSP   | 5               |
| LMTc.8004G    | 8 X 1/2 BSP   | 5               |
| LMTc.10002G   | 10 X 1/4 BSP  | 5               |
| LMTc.10003G   | 10 X 3/8 BSP  | 5               |
| LMTc.10004G   | 10 X 1/2 BSP  | 5               |
| LMTc.12002G   | 12 X 1/4 BSP  | 5               |
| LMTc.12003G   | 12 X 3/8 BSP  | 5               |
| LMTc.12004G   | 12 X 1/2 BSP  | 5               |

**COTOVELO MACHO 2 TOQUES BSP**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LMTL.4001G    | 4 X 1/8 BSP   | 5               |
| LMTL.4002G    | 4 X 1/4 BSP   | 5               |
| LMTL.6001G    | 6 X 1/8 BSP   | 5               |
| LMTL.6002G    | 6 X 1/4 BSP   | 5               |
| LMTL.6003G    | 6 X 3/8 BSP   | 5               |
| LMTL.8001G    | 8 X 1/8 BSP   | 5               |
| LMTL.8002G    | 8 X 1/4 BSP   | 5               |
| LMTL.8003G    | 8 X 3/8 BSP   | 5               |
| LMTL.8004G    | 8 X 1/2 BSP   | 5               |
| LMTL.10002G   | 10 X 1/4 BSP  | 5               |
| LMTL.10003G   | 10 X 3/8 BSP  | 5               |
| LMTL.10004G   | 10 X 1/2 BSP  | 5               |
| LMTL.12002G   | 12 X 1/4 BSP  | 5               |
| LMTL.12003G   | 12 X 3/8 BSP  | 5               |
| LMTL.12004G   | 12 X 1/2 BSP  | 5               |

**CONECTOR MACHO 2 TOQUES DE PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LTC.6001      | 6 X 1/8 NPT   | 5               |
| LTC.6002      | 6 X 1/4 NPT   | 5               |
| LTC.6003      | 6 X 3/8 NPT   | 5               |
| LTC.6004      | 6 X 1/2 NPT   | 5               |
| LTC.8001      | 8 X 1/8 NPT   | 5               |
| LTC.8002      | 8 X 1/4 NPT   | 5               |
| LTC.8003      | 8 X 3/8 NPT   | 5               |
| LTC.8004      | 8 X 1/2 NPT   | 5               |
| LTC.10001     | 10 X 1/8 NPT  | 5               |
| LTC.10002     | 10 X 1/4 NPT  | 5               |
| LTC.10003     | 10 X 3/8 NPT  | 5               |
| LTC.10004     | 10 X 1/2 NPT  | 5               |
| LTC.12002     | 12 X 1/4 NPT  | 5               |
| LTC.12003     | 12 X 3/8 NPT  | 5               |
| LTC.12004     | 12 X 1/2 NPT  | 5               |

**COTOVELO MACHO 2 TOQUES DE PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LTL.6001      | 6 X 1/8 NPT   | 5               |
| LTL.6002      | 6 X 1/4 NPT   | 5               |
| LTL.6003      | 6 X 3/8 NPT   | 5               |
| LTL.6004      | 6 X 1/2 NPT   | 5               |
| LTL.8001      | 8 X 1/8 NPT   | 5               |
| LTL.8002      | 8 X 1/4 NPT   | 5               |
| LTL.8003      | 8 X 3/8 NPT   | 5               |
| LTL.8004      | 8 X 1/2 NPT   | 5               |
| LTL.10001     | 10 X 1/8 NPT  | 5               |
| LTL.10002     | 10 X 1/4 NPT  | 5               |
| LTL.10003     | 10 X 3/8 NPT  | 5               |
| LTL.10004     | 10 X 1/2 NPT  | 5               |
| LTL.12002     | 12 X 1/4 NPT  | 5               |
| LTL.12003     | 12 X 3/8 NPT  | 5               |
| LTL.12004     | 12 X 1/2 NPT  | 5               |

**UNIÃO 2 TOQUES DE PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LTUC.60       | 6MM           | 5               |
| LTUC.80       | 8MM           | 5               |
| LTUC.100      | 10MM          | 5               |
| LTUC.120      | 12MM          | 5               |

**TEE UNIÃO 2 TOQUES DE PLÁSTICO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| LTUT.60       | 6MM           | 5               |
| LTUT.80       | 8MM           | 5               |
| LTUT.100      | 10MM          | 5               |
| LTUT.120      | 12MM          | 5               |

## Flexíveis de **FREIO**



**FLEXÍVEL MACHO X FÊMEA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                  | <b>EMB. MIN</b> |
|---------------|--------------------------------|-----------------|
| LF070.0412MF  | 70 CM - 1/4 NPT X 3/4-20 FIOS  | 1               |
| LF080.0412MF  | 80 CM - 1/4 NPT X 3/4-20 FIOS  | 1               |
| LF090.0412MF  | 90 CM - 1/4 NPT X 3/4-20 FIOS  | 1               |
| LF100.0412MF  | 100 CM - 1/4 NPT X 3/4-20 FIOS | 1               |
| LF110.0412MF  | 110 CM - 1/4 NPT X 3/4-20 FIOS | 1               |
| LF120.0412MF  | 120 CM - 1/4 NPT X 3/4-20 FIOS | 1               |
| LF160.0412MF  | 160 CM - 1/4 NPT X 3/4-20 FIOS | 1               |

**FLEXÍVEL MACHO X FÊMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>                      | <b>EMB. MIN</b> |
|----------------|------------------------------------|-----------------|
| LF070.160180MF | 70 CM - M16 X 1,5 X M18 X 1,5      | 1               |
| LF080.160180MF | 80 CM - M16 X 1,5 X M18 X 1,5      | 1               |
| LF090.160180MF | 90 CM - M16 X 1,5 X M18 X 1,5      | 1               |
| LF100.160180MF | 100 CM - M16 X 1,5 X M18 X 1,5     | 1               |
| LF110.160180MF | 110 CM - M16 X 1,5 X M18 X 1,5     | 1               |
| LF120.160180MF | 120 CM - M16 X 1,5 X M18 X 1,5     | 1               |
| LF070.16008MF  | 70 CM - M16 X 1,5 X 11/16-20 FIOS  | 1               |
| LF080.16008MF  | 80 CM - M16 X 1,5 X 11/16-20 FIOS  | 1               |
| LF090.16008MF  | 90 CM - M16 X 1,5 X 11/16-20 FIOS  | 1               |
| LF100.16008MF  | 100 CM - M16 X 1,5 X 11/16-20 FIOS | 1               |
| LF110.16008MF  | 110 CM - M16 X 1,5 X 11/16-20 FIOS | 1               |
| LF120.16008MF  | 120 CM - M16 X 1,5 X 11/16-20 FIOS | 1               |

**FLEXÍVEL MACHO X MACHO**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>      | <b>EMB. MIN</b> |
|----------------|--------------------|-----------------|
| LF070.160160MM | 70 CM - M16 X 1,5  | 1               |
| LF080.160160MM | 80 CM - M16 X 1,5  | 1               |
| LF090.160160MM | 90 CM - M16 X 1,5  | 1               |
| LF100.160160MM | 100 CM - M16 X 1,5 | 1               |
| LF110.160160MM | 110 CM - M16 X 1,5 | 1               |
| LF120.160160MM | 120 CM - M16 X 1,5 | 1               |
| LF125.160160MM | 125 CM - M16 X 1,5 | 1               |

**FLEXÍVEL FÊMEA X FÊMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>      | <b>EMB. MIN</b> |
|----------------|--------------------|-----------------|
| LF056.180180FF | 56 CM - M18 X 1,5  | 1               |
| LF063.180180FF | 63 CM - M18 X 1,5  | 1               |
| LF072.180180FF | 72 CM - M18 X 1,5  | 1               |
| LF090.180180FF | 90 CM - M18 X 1,5  | 1               |
| LF100.180180FF | 100 CM - M18 X 1,5 | 1               |

# Mangueiras **ESPIRAIS**



**MANGUEIRA ESPIRAL MACHO X MACHO**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>                  | <b>EMB. MIN</b> |
|----------------|--------------------------------|-----------------|
| MESP45MM.160PT | 4,5 M X M - M16 X 1,5 PRETA    | 1               |
| MESP45MM.160AM | 4,5 M X M - M16 X 1,5 AMARELA  | 1               |
| MESP45MM.160VM | 4,5 M X M - M16 X 1,5 VERMELHA | 1               |
| MESP45MM.160AZ | 4,5 M X M - M16 X 1,5 AZUL     | 1               |
| MESP55MM.160PT | 5,5 M X M - M16 X 1,5 PRETA    | 1               |
| MESP55MM.160AM | 5,5 M X M - M16 X 1,5 AMARELA  | 1               |
| MESP55MM.160VM | 5,5 M X M - M16 X 1,5 VERMELHA | 1               |
| MESP55MM.160AZ | 5,5 M X M - M16 X 1,5 AZUL     | 1               |
| MESP65MM.160PT | 6,5 M X M - M16 X 1,5 PRETA    | 1               |
| MESP65MM.160AM | 6,5 M X M - M16 X 1,5 AMARELA  | 1               |
| MESP65MM.160VM | 6,5 M X M - M16 X 1,5 VERMELHA | 1               |
| MESP65MM.160AZ | 6,5 M X M - M16 X 1,5 AZUL     | 1               |

**MANGUEIRA ESPIRAL FÊMEA X FÊMEA**

| <b>CÓDIGO</b>   | <b>MEDIDA</b>                     | <b>EMB. MIN</b> |
|-----------------|-----------------------------------|-----------------|
| MESP45FF.160PT  | 4,5 F X F - M16 X 1,5 PRETA       | 1               |
| MESP45FF.160AM  | 4,5 F X F - M16 X 1,5 AMARELA     | 1               |
| MESP45FF.160VM  | 4,5 F X F - M16 X 1,5 VERMELHA    | 1               |
| MESP45FF.160AZ  | 4,5 F X F - M16 X 1,5 AZUL        | 1               |
| MESP45FF.1116PT | 4,5 F X F - 11/16-20FIOS PRETA    | 1               |
| MESP45FF.1116AM | 4,5 F X F - 11/16-20FIOS AMARELA  | 1               |
| MESP45FF.1116VM | 4,5 F X F - 11/16-20FIOS VERMELHA | 1               |
| MESP45FF.1116AZ | 4,5 F X F - 11/16-20FIOS AZUL     | 1               |
| MESP55FF.160PT  | 5,5 F X F - M16 X 1,5 PRETA       | 1               |
| MESP55FF.160AM  | 5,5 F X F - M16 X 1,5 AMARELA     | 1               |
| MESP55FF.160VM  | 5,5 F X F - M16 X 1,5 VERMELHA    | 1               |
| MESP55FF.160AZ  | 5,5 F X F - M16 X 1,5 AZUL        | 1               |
| MESP55FF.1116PT | 5,5 F X F - 11/16-20FIOS PRETA    | 1               |
| MESP55FF.1116AM | 5,5 F X F - 11/16-20FIOS AMARELA  | 1               |
| MESP55FF.1116VM | 5,5 F X F - 11/16-20FIOS VERMELHA | 1               |
| MESP55FF.1116AZ | 5,5 F X F - 11/16-20FIOS AZUL     | 1               |
| MESP65FF.160PT  | 6,5 F X F - M16 X 1,5 PRETA       | 1               |
| MESP65FF.160AM  | 6,5 F X F - M16 X 1,5 AMARELA     | 1               |
| MESP65FF.160VM  | 6,5 F X F - M16 X 1,5 VERMELHA    | 1               |
| MESP65FF.160AZ  | 6,5 F X F - M16 X 1,5 AZUL        | 1               |
| MESP65FF.1116PT | 6,5 F X F - 11/16-20FIOS PRETA    | 1               |
| MESP65FF.1116AM | 6,5 F X F - 11/16-20FIOS AMARELA  | 1               |
| MESP65FF.1116VM | 6,5 F X F - 11/16-20FIOS VERMELHA | 1               |
| MESP65FF.1116AZ | 6,5 F X F - 11/16-20FIOS AZUL     | 1               |

**MANGUEIRA ESPIRAL MACHO X FÊMEA**

| <b>CÓDIGO</b>  | <b>MEDIDA</b>                  | <b>EMB. MIN</b> |
|----------------|--------------------------------|-----------------|
| MESP45MF.160PT | 4,5 M X F - M16 X 1,5 PRETA    | 1               |
| MESP45MF.160AM | 4,5 M X F - M16 X 1,5 AMARELA  | 1               |
| MESP45MF.160VM | 4,5 M X F - M16 X 1,5 VERMELHA | 1               |
| MESP45MF.160AZ | 4,5 M X F - M16 X 1,5 AZUL     | 1               |
| MESP55MF.160PT | 5,5 M X F - M16 X 1,5 PRETA    | 1               |
| MESP55MF.160AM | 5,5 M X F - M16 X 1,5 AMARELA  | 1               |
| MESP55MF.160VM | 5,5 M X F - M16 X 1,5 VERMELHA | 1               |
| MESP55MF.160AZ | 5,5 M X F - M16 X 1,5 AZUL     | 1               |
| MESP65MF.160PT | 6,5 M X F - M16 X 1,5 PRETA    | 1               |
| MESP65MF.160AM | 6,5 M X F - M16 X 1,5 AMARELA  | 1               |
| MESP65MF.160VM | 6,5 M X F - M16 X 1,5 VERMELHA | 1               |
| MESP65MF.160AZ | 6,5 M X F - M16 X 1,5 AZUL     | 1               |

**MANGUEIRA ESPIRAL DE LIMPEZA DESMONTADA**

| <b>CÓDIGO</b> | <b>MEDIDA</b>    | <b>EMB. MIN</b> |
|---------------|------------------|-----------------|
| MEL35PT       | 3,5 METROS PRETA | 1               |
| MEL50PT       | 5,0 METROS PRETA | 1               |

**MANGUEIRA ESPIRAL DE LIMPEZA MONTADA COM PISTOLA GATILHO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                          | <b>EMB. MIN</b> |
|---------------|----------------------------------------|-----------------|
| MEL35PTMG     | 3,5 METROS PRETA<br>C/ PISTOLA GATILHO | 1               |
| MEL50PTMG     | 5,0 METROS PRETA<br>C/ PISTOLA GATILHO | 1               |

**MANGUEIRA ESPIRAL DE LIMPEZA MONTADA COM PISTOLA BOTÃO**

| <b>CÓDIGO</b> | <b>MEDIDA</b>                        | <b>EMB. MIN</b> |
|---------------|--------------------------------------|-----------------|
| MEL35PTMB     | 3,5 METROS PRETA<br>C/ PISTOLA BOTÃO | 1               |
| MEL50PTMB     | 5,0 METROS PRETA<br>C/ PISTOLA BOTÃO | 1               |

**PISTOLA PARA MANGUEIRA DE LIMPEZA COM GATILHO**

| <b>CÓDIGO</b> | <b>EMB. MIN</b> |
|---------------|-----------------|
| PTA01G        | 1               |

**PISTOLA PARA MANGUEIRA DE LIMPEZA COM BOTÃO**

| <b>CÓDIGO</b> | <b>EMB. MIN</b> |
|---------------|-----------------|
| PTA01B        | 1               |

# *Tubos de Nylon, PU azul e **POLIETILENO***

An abstract graphic on the right side of the page consists of several interlocking, thick, curved bands. One band is a light orange color, and another is a muted purple color. They overlap and curve around each other, creating a sense of depth and movement. The background is white.

**TUBO NYLON**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| TN4002        | 4 X 2         | 50              |
| TN6004        | 6 X 4         | 50              |
| TN8005        | 8 X 5         | 50              |
| TN8006        | 8 X 6         | 50              |
| TN1007        | 10 X 7        | 50              |
| TN1209        | 12 X 9        | 50              |
| TN1410        | 14 X 10       | 50              |
| TN1512        | 15 X 12       | 50              |
| TN1612        | 16 X 12       | 50              |
| TN3/16        | 3/16          | 50              |
| TN1/4         | 1/4           | 50              |
| TN5/16        | 5/16          | 50              |
| TN3/8         | 3/8           | 50              |
| TN1/2         | 1/2           | 50              |
| TN5/8         | 5/8           | 50              |

**TUBO PU AZUL**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| TPU4002       | 4 X 2         | 50              |
| TPU6004       | 6 X 4         | 50              |
| TPU8005       | 8 X 5         | 50              |
| TPU0855       | 8 X 5,5       | 50              |
| TPU0806       | 8 X 6         | 50              |
| TPU1007       | 10 X 7        | 50              |
| TPU1208       | 12 X 8        | 50              |
| TPU1209       | 12 X 9        | 50              |
| TPU1612       | 16 X 12       | 50              |
| TPU3/16       | 3/16          | 50              |
| TPU1/4        | 1/4           | 50              |
| TPU5/16       | 5/16          | 50              |
| TPU3/8        | 3/8           | 50              |
| TPU1/2        | 1/2           | 50              |
| TPU5/8        | 5/8           | 50              |

**TUBO POLIETILENO**

| <b>CÓDIGO</b> | <b>MEDIDA</b> | <b>EMB. MIN</b> |
|---------------|---------------|-----------------|
| TPE4002       | 4 X 2         | 50              |
| TPE6004       | 6 X 4         | 50              |
| TPE8005       | 8 X 5         | 50              |
| TPE8006       | 8 X 6         | 50              |
| TPE1007       | 10 X 7        | 50              |
| TPE1209       | 12 X 9        | 50              |
| TPE1612       | 16 X 12       | 50              |
| TPE3/16       | 3/16          | 50              |
| TPE1/4        | 1/4           | 50              |
| TPE5/16       | 5/16          | 50              |
| TPE3/8        | 3/8           | 50              |
| TPE1/2        | 1/2           | 50              |