

# TERMINAIS PRENSAR

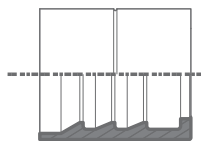
HYDRAULIC  
FITTINGS



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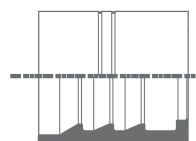
ACESSÓRIOS DE ALTA PRESSÃO - MANGUITO · HYDRAULIC FITTINGS - FERRULE

**MANGUITO 1ST-R1A**  
FERRULE 1ST



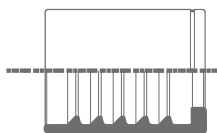
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 121100.03      | 5  | 3/16"        |
| 121100.04      | 6  | 1/4"         |
| 121100.05      | 8  | 5/16"        |
| 121100.06      | 10 | 3/8"         |
| 121100.08      | 12 | 1/2"         |
| 121100.10      | 16 | 5/8"         |
| 121100.12      | 20 | 3/4"         |
| 121100.16      | 25 | 1"           |
| 121100.20      | 32 | 1.1/4"       |
| 121100.24      | 40 | 1.1/2"       |
| 121100.32      | 50 | 2"           |

**MANGUITO 2ST-R2A**  
FERRULE 2ST



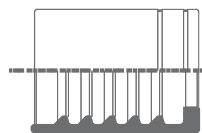
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 121204.03      | 5  | 3/16"        |
| 121204.04      | 6  | 1/4"         |
| 121204.05      | 8  | 5/16"        |
| 121204.06      | 10 | 3/8"         |
| 121204.08      | 12 | 1/2"         |
| 121204.10      | 16 | 5/8"         |
| 121204.12      | 20 | 3/4"         |
| 121204.16      | 25 | 1"           |
| 121204.20      | 32 | 1.1/4"       |
| 121204.24      | 40 | 1.1/2"       |
| 121204.32      | 50 | 2"           |

**MANGUITO 1SN-R1AT**  
FERRULE 1SN



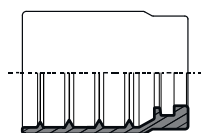
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 121050.03      | 5  | 3/16"        |
| 121050.04      | 6  | 1/4"         |
| 121050.05      | 8  | 5/16"        |
| 121050.06      | 10 | 3/8"         |
| 121050.08      | 12 | 1/2"         |
| 121050.10      | 16 | 5/8"         |
| 121050.12      | 20 | 3/4"         |
| 121050.16      | 25 | 1"           |
| 121050.20      | 32 | 1.1/4"       |
| 121050.24      | 40 | 1.1/2"       |

**MANGUITO R2AT**  
FERRULE R2AT



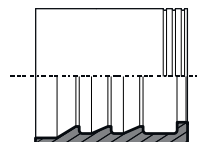
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 121200.03      | 5  | 3/16"        |
| 121200.04      | 6  | 1/4"         |
| 121200.05      | 8  | 5/16"        |
| 121200.06      | 10 | 3/8"         |
| 121200.08      | 12 | 1/2"         |
| 121200.10      | 16 | 5/8"         |
| 121200.12      | 20 | 3/4"         |
| 121200.16      | 25 | 1"           |
| 121200.20      | 32 | 1.1/4"       |
| 121200.24      | 40 | 1.1/2"       |

**MANGUITO R1AT-R2AT**  
FERRULE 1SN-2N-2SC



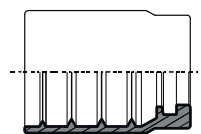
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 121300.03      | 5  | 3/16"        |
| 121300.04      | 6  | 1/4"         |
| 121300.05      | 8  | 5/16"        |
| 121300.06      | 10 | 3/8"         |
| 121300.08      | 12 | 1/2"         |
| 121300.10      | 16 | 5/8"         |
| 121300.12      | 20 | 3/4"         |
| 121300.16      | 25 | 1"           |
| 121300.20      | 32 | 1.1/4"       |
| 121300.24      | 40 | 1.1/2"       |
| 121300.32      | 50 | 2"           |

**MANGUITO 1SC-SLIM-R-17-R7-R6 1TE-R6 2TE**  
FERRULE 1SC-SLIM-R-17-R7-R6 1TE-R6 2TE



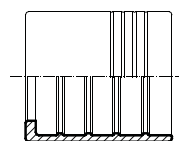
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 123220.04      | 6  | 1/4"         |
| 123220.05      | 8  | 5/16"        |
| 123220.06      | 10 | 3/8"         |
| 123220.08      | 12 | 1/2"         |
| 123220.10      | 16 | 5/8"         |
| 123220.12      | 20 | 3/4"         |
| 123220.16      | 25 | 1"           |
| 123220.20      | 32 | 1.1/4"       |
| 123220.24      | 40 | 1.1/2"       |
| 123220.32      | 50 | 2"           |

**MANGUITO 1SC-1SN-2SC**  
FERRULE 1SC-1SN-2SC



| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 121320.04      | 6  | 1/4"         |
| 121320.05      | 8  | 5/16"        |
| 121320.06      | 10 | 3/8"         |
| 121320.08      | 12 | 1/2"         |
| 121320.10      | 16 | 5/8"         |
| 121320.12      | 20 | 3/4"         |
| 121320.16      | 25 | 1"           |

**MANGUITO R3-R4**  
FERRULE R3-R4



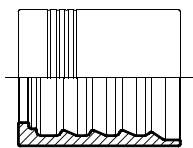
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 121330.04      | 6  | 1/4"         |
| 121330.05      | 8  | 5/16"        |
| 121330.06      | 10 | 3/8"         |
| 121330.08      | 12 | 1/2"         |
| 121330.10      | 16 | 5/8"         |
| 121330.12      | 20 | 3/4"         |
| 121330.16      | 25 | 1"           |
| 121330.20      | 32 | 1.1/4"       |

\* Todos os artigos disponíveis em AISI 316.  
\* All items available in AISI 316.

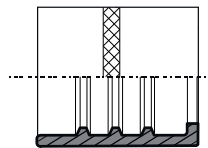
## ACESSÓRIOS DE ALTA PRESSÃO - MANGUITO · HYDRAULIC FITTINGS - FERRULE

**MANGUITO R9R-4SP**  
FERRULE R9R-4SP

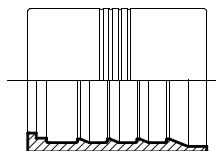
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 122001.04      | 6  | 1/4"         |
| 122001.06      | 10 | 3/8"         |
| 122001.08      | 12 | 1/2"         |
| 122001.10      | 16 | 5/8"         |
| 122001.12      | 20 | 3/4"         |
| 122001.16      | 25 | 1"           |
| 122001.20      | 32 | 1.1/4"       |
| 122001.24      | 40 | 1.1/2"       |
| 122001.32      | 50 | 2"           |

**MANGUITO R7/R7 MHT1**  
FERRULE R7/R7 MHT1

| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 123200.03      | 5  | 3/16"        |
| 123200.04      | 6  | 1/4"         |
| 123200.05      | 8  | 5/16"        |
| 123200.06      | 10 | 3/8"         |
| 123200.08      | 12 | 1/2"         |
| 123200.10      | 16 | 5/8"         |
| 123200.12      | 20 | 3/4"         |
| 123200.16      | 25 | 1"           |

**MANGUITO 4SH**  
FERRULE 4SH

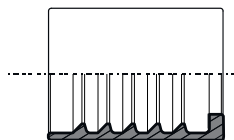
| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 122500.20      | 32 | 1.1/4"       |
| 122500.24      | 40 | 1.1/2"       |
| 122500.32      | 50 | 2"           |

**MANGUITO PTFE  
ONDULADO**  
FERRULE PTFE  
CONVOLUTED

| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 124201.03      | 5  | 3/16"        |
| 124201.04      | 6  | 1/4"         |
| 124201.05      | 8  | 5/16"        |
| 124201.06      | 10 | 3/8"         |
| 124201.08      | 12 | 1/2"         |
| 124201.10      | 16 | 5/8"         |
| 124201.12      | 20 | 3/4"         |
| 124201.16      | 25 | 1"           |

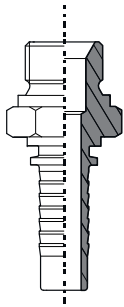
**MANGUITO PTFE LISO**  
FERRULE PTFE SMOOTH

| CÓDIGO<br>CODE | DN | POL.<br>INCH |
|----------------|----|--------------|
| 124200.03      | 5  | 3/16"        |
| 124200.04      | 6  | 1/4"         |
| 124200.05      | 8  | 5/16"        |
| 124200.06      | 10 | 3/8"         |
| 124200.08      | 12 | 1/2"         |
| 124200.10      | 16 | 5/8"         |
| 124200.12      | 20 | 3/4"         |
| 124200.16      | 25 | 1"           |



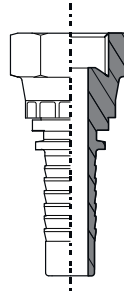
ACESSÓRIOS DE ALTA PRESSÃO - BSP · FITTINGS HIGH PRESSURE - BSP

**MACHO BSP  
CONE 60°  
BSP MALE  
PARALLEL 60° CONE**



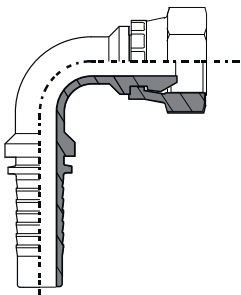
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 160101.0302    | 3/16"        | 1/8"            |
| 160101.0304    | 3/16"        | 1/4"            |
| 160101.0402    | 1/4"         | 1/8"            |
| 160101.0404    | 1/4"         | 1/4"            |
| 160101.0406    | 1/4"         | 3/8"            |
| 160101.0408    | 1/4"         | 1/2"            |
| 160101.0504    | 5/16"        | 1/4"            |
| 160101.0506    | 5/16"        | 3/8"            |
| 160101.0508    | 5/16"        | 1/2"            |
| 160101.0604    | 3/8"         | 1/4"            |
| 160101.0606    | 3/8"         | 3/8"            |
| 160101.0608    | 3/8"         | 1/2"            |
| 160101.0806    | 1/2"         | 3/8"            |
| 160101.0808    | 1/2"         | 1/2"            |
| 160101.0810    | 1/2"         | 5/8"            |
| 160101.0812    | 1/2"         | 3/4"            |
| 160101.1008    | 5/8"         | 1/2"            |
| 160101.1010    | 5/8"         | 5/8"            |
| 160101.1012    | 5/8"         | 3/4"            |
| 160101.1208    | 3/4"         | 1/2"            |
| 160101.1210    | 3/4"         | 5/8"            |
| 160101.1212    | 3/4"         | 3/4"            |
| 160101.1216    | 3/4"         | 1"              |
| 160101.1612    | 1"           | 3/4"            |
| 160101.1616    | 1"           | 1"              |
| 160101.1620    | 1"           | 1.1/4"          |
| 160101.2020    | 1.1/4"       | 1.1/4"          |
| 160101.2024    | 1.1/4"       | 1.1/2"          |
| 160101.2424    | 1.1/2"       | 1.1/2"          |
| 1.60101.2432   | 1.1/2"       | 2"              |
| 160101.3232    | 2"           | 2"              |

**FÊMEA BSP  
CONE 60°  
BSP STRAIGHT  
FEMALE 60° CONE**



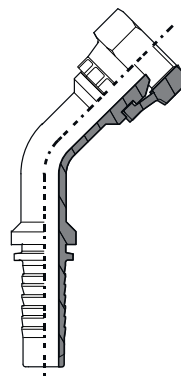
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 140100.0302    | 3/16"        | 1/8"            |
| 140100.0304    | 3/16"        | 1/4"            |
| 140100.0402    | 1/4"         | 1/8"            |
| 140100.0404    | 1/4"         | 1/4"            |
| 140100.0406    | 1/4"         | 3/8"            |
| 140100.0408    | 1/4"         | 1/2"            |
| 140100.0504    | 5/16"        | 1/4"            |
| 140100.0506    | 5/16"        | 3/8"            |
| 140100.0508    | 5/16"        | 1/2"            |
| 140100.0604    | 3/8"         | 1/4"            |
| 140100.0606    | 3/8"         | 3/8"            |
| 140100.0608    | 3/8"         | 1/2"            |
| 140100.0806    | 1/2"         | 3/8"            |
| 140100.0808    | 1/2"         | 1/2"            |
| 140100.0810    | 1/2"         | 5/8"            |
| 140100.0812    | 1/2"         | 3/4"            |
| 140100.1008    | 5/8"         | 1/2"            |
| 140100.1010    | 5/8"         | 5/8"            |
| 140100.1012    | 5/8"         | 3/4"            |
| 140100.1208    | 3/4"         | 1/2"            |
| 140100.1210    | 3/4"         | 5/8"            |
| 140100.1212    | 3/4"         | 3/4"            |
| 140100.1216    | 3/4"         | 1"              |
| 140100.1612    | 1"           | 3/4"            |
| 140100.1616    | 1"           | 1"              |
| 140100.1620    | 1"           | 1.1/4"          |
| 140100.2020    | 1.1/4"       | 1.1/4"          |
| 140100.2024    | 1.1/4"       | 1.1/2"          |
| 140100.2424    | 1.1/2"       | 1.1/2"          |
| 140100.3232    | 2"           | 2"              |

**CURVA 90° BSP CONE 60°  
90° BSP STRAIGHT  
FEMALE SWEPT**



| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180102.0302    | 3/16"        | 1/8"            |
| 180102.0304    | 3/16"        | 1/4"            |
| 180102.0402    | 1/4"         | 1/8"            |
| 180102.0404    | 1/4"         | 1/4"            |
| 180102.0406    | 1/4"         | 3/8"            |
| 180102.0408    | 1/4"         | 1/2"            |
| 180102.0504    | 5/16"        | 1/4"            |
| 180102.0506    | 5/16"        | 3/8"            |
| 180102.0508    | 5/16"        | 1/2"            |
| 180102.0604    | 3/8"         | 1/4"            |
| 180102.0606    | 3/8"         | 3/8"            |
| 180102.0608    | 3/8"         | 1/2"            |
| 180102.0806    | 1/2"         | 3/8"            |
| 180102.0808    | 1/2"         | 1/2"            |
| 180102.0810    | 1/2"         | 5/8"            |
| 180102.0812    | 1/2"         | 3/4"            |
| 180102.1008    | 5/8"         | 1/2"            |
| 180102.1010    | 5/8"         | 5/8"            |
| 180102.1012    | 5/8"         | 3/4"            |
| 180102.1208    | 3/4"         | 1/2"            |
| 180102.1210    | 3/4"         | 5/8"            |
| 180102.1212    | 3/4"         | 3/4"            |
| 180102.1216    | 3/4"         | 1"              |
| 180102.1612    | 1"           | 3/4"            |
| 180102.1616    | 1"           | 1"              |
| 180102.1620    | 1"           | 1.1/4"          |
| 180102.2020    | 1.1/4"       | 1.1/4"          |
| 180102.2024    | 1.1/4"       | 1.1/2"          |
| 180102.2424    | 1.1/2"       | 1.1/2"          |
| 180102.3232    | 2"           | 2"              |

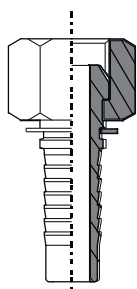
**CURVA 45° BSP CONE 60°  
45° BSP FEMALE  
SWEPT ELBOW 60° CONE**



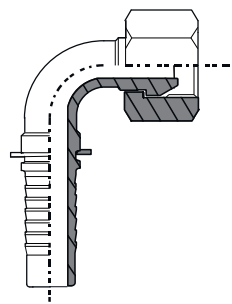
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 200103.0302    | 3/16"        | 1/8"            |
| 200103.0304    | 3/16"        | 1/4"            |
| 200103.0402    | 1/4"         | 1/8"            |
| 200103.0404    | 1/4"         | 1/4"            |
| 200103.0406    | 1/4"         | 3/8"            |
| 200103.0408    | 1/4"         | 1/2"            |
| 200103.0504    | 5/16"        | 1/4"            |
| 200103.0506    | 5/16"        | 3/8"            |
| 200103.0508    | 5/16"        | 1/2"            |
| 200103.0604    | 3/8"         | 1/4"            |
| 200103.0606    | 3/8"         | 3/8"            |
| 200103.0608    | 3/8"         | 1/2"            |
| 200103.0806    | 1/2"         | 3/8"            |
| 200103.0808    | 1/2"         | 1/2"            |
| 200103.0810    | 1/2"         | 5/8"            |
| 200103.0812    | 1/2"         | 3/4"            |
| 200103.1008    | 5/8"         | 1/2"            |
| 200103.1010    | 5/8"         | 5/8"            |
| 200103.1012    | 5/8"         | 3/4"            |
| 200103.1208    | 3/4"         | 1/2"            |
| 200103.1210    | 3/4"         | 5/8"            |
| 200103.1212    | 3/4"         | 3/4"            |
| 200103.1216    | 3/4"         | 1"              |
| 200103.1612    | 1"           | 3/4"            |
| 200103.1616    | 1"           | 1"              |
| 200103.1620    | 1"           | 1.1/4"          |
| 200103.2020    | 1.1/4"       | 1.1/4"          |
| 200103.2024    | 1.1/4"       | 1.1/2"          |
| 200103.2424    | 1.1/2"       | 1.1/2"          |
| 200103.3232    | 2"           | 2"              |

\* Todos os artigos disponíveis em AISI 316.  
\* All items available in AISI 316.

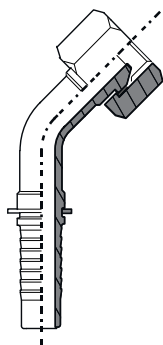
## ACESSÓRIOS DE ALTA PRESSÃO - BSP · FITTINGS HIGH PRESSURE - BSP

**FÊMEA BSP CONE 60°  
PORCA SOLTA**  
BSP STRAIGHT FEMALE  
60° CONE  
(SLIP-ON NUT)


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 140105.0302    | 3/16"        | 1/8"            |
| 140105.0304    | 3/16"        | 1/4"            |
| 140105.0402    | 1/4"         | 1/8"            |
| 140105.0404    | 1/4"         | 1/4"            |
| 140105.0406    | 1/4"         | 3/8"            |
| 140105.0408    | 1/4"         | 1/2"            |
| 140105.0504    | 5/16"        | 1/4"            |
| 140105.0506    | 5/16"        | 3/8"            |
| 140105.0508    | 5/16"        | 1/2"            |
| 140105.0604    | 3/8"         | 1/4"            |
| 140105.0606    | 3/8"         | 3/8"            |
| 140105.0608    | 3/8"         | 1/2"            |
| 140105.0806    | 1/2"         | 3/8"            |
| 140105.0808    | 1/2"         | 1/2"            |
| 140105.0810    | 1/2"         | 5/8"            |
| 140105.0812    | 1/2"         | 3/4"            |
| 140105.1008    | 5/8"         | 1/2"            |
| 140105.1010    | 5/8"         | 5/8"            |
| 140105.1012    | 5/8"         | 3/4"            |
| 140105.1208    | 3/4"         | 1/2"            |
| 140105.1210    | 3/4"         | 5/8"            |
| 140105.1212    | 3/4"         | 3/4"            |
| 140105.1216    | 3/4"         | 1"              |
| 140105.1612    | 1"           | 3/4"            |
| 140105.1616    | 1"           | 1"              |
| 140105.1620    | 1"           | 1.1/4"          |
| 140105.2020    | 1.1/4"       | 1.1/4"          |
| 140105.2024    | 1.1/4"       | 1.1/2"          |
| 140105.2424    | 1.1/2"       | 1.1/2"          |
| 140105.3232    | 2"           | 2"              |

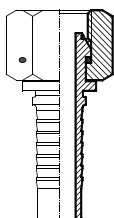
**CURVA 90° BSP CONE 60°  
PORCA SOLTA**  
90° BSP FEMALE SWEPT  
ELBOW 60° CONE  
(SLIP-ON NUT)


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180105.0302    | 3/16"        | 1/8"            |
| 180105.0304    | 3/16"        | 1/4"            |
| 180105.0402    | 1/4"         | 1/8"            |
| 180105.0404    | 1/4"         | 1/4"            |
| 180105.0406    | 1/4"         | 3/8"            |
| 180105.0408    | 1/4"         | 1/2"            |
| 180105.0504    | 5/16"        | 1/4"            |
| 180105.0506    | 5/16"        | 3/8"            |
| 180105.0508    | 5/16"        | 1/2"            |
| 180105.0604    | 3/8"         | 1/4"            |
| 180105.0606    | 3/8"         | 3/8"            |
| 180105.0608    | 3/8"         | 1/2"            |
| 180105.0806    | 1/2"         | 3/8"            |
| 180105.0808    | 1/2"         | 1/2"            |
| 180105.0810    | 1/2"         | 5/8"            |
| 180105.0812    | 1/2"         | 3/4"            |
| 180105.1008    | 5/8"         | 1/2"            |
| 180105.1010    | 5/8"         | 5/8"            |
| 180105.1012    | 5/8"         | 3/4"            |
| 180105.1208    | 3/4"         | 1/2"            |
| 180105.1210    | 3/4"         | 5/8"            |
| 180105.1212    | 3/4"         | 3/4"            |
| 180105.1216    | 3/4"         | 1"              |
| 180105.1612    | 1"           | 3/4"            |
| 180105.1616    | 1"           | 1"              |
| 180105.1620    | 1"           | 1.1/4"          |
| 180105.2020    | 1.1/4"       | 1.1/4"          |
| 180105.2024    | 1.1/4"       | 1.1/2"          |
| 180105.2424    | 1.1/2"       | 1.1/2"          |
| 180105.3232    | 2"           | 2"              |

**CURVA 45° FÊMEA BSP  
CONE 60° PORCA SOLTA**  
45° BSP FEMALE 60°  
CONE  
(SLIP-ON NUT)


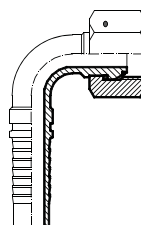
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 200105.0302    | 3/16"        | 1/8"            |
| 200105.0304    | 3/16"        | 1/4"            |
| 200105.0402    | 1/4"         | 1/8"            |
| 200105.0404    | 1/4"         | 1/4"            |
| 200105.0406    | 1/4"         | 3/8"            |
| 200105.0408    | 1/4"         | 1/2"            |
| 200105.0504    | 5/16"        | 1/4"            |
| 200105.0506    | 5/16"        | 3/8"            |
| 200105.0508    | 5/16"        | 1/2"            |
| 200105.0604    | 3/8"         | 1/4"            |
| 200105.0606    | 3/8"         | 3/8"            |
| 200105.0608    | 3/8"         | 1/2"            |
| 200105.0806    | 1/2"         | 3/8"            |
| 200105.0808    | 1/2"         | 1/2"            |
| 200105.0810    | 1/2"         | 5/8"            |
| 200105.0812    | 1/2"         | 3/4"            |
| 200105.1008    | 5/8"         | 1/2"            |
| 200105.1010    | 5/8"         | 5/8"            |
| 200105.1012    | 5/8"         | 3/4"            |
| 200105.1208    | 3/4"         | 1/2"            |
| 200105.1210    | 3/4"         | 5/8"            |
| 200105.1212    | 3/4"         | 3/4"            |
| 200105.1216    | 3/4"         | 1"              |
| 200105.1612    | 1"           | 3/4"            |
| 200105.1616    | 1"           | 1"              |
| 200105.1620    | 1"           | 1.1/4"          |
| 200105.2020    | 1.1/4"       | 1.1/4"          |
| 200105.2024    | 1.1/4"       | 1.1/2"          |
| 200105.2424    | 1.1/2"       | 1.1/2"          |
| 200105.3232    | 2"           | 2"              |

**FÊMEA BSP CONE 60°  
COM FREIO**  
BSP O-RING STRAIGHT  
FEMALE 60° CONE  
(THRUST-WIRE NUT)



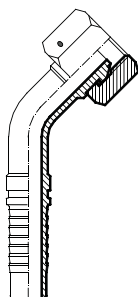
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 140106.0302*   | 3/16"        | 1/8"            |
| 140106.0304*   | 3/16"        | 1/4"            |
| 140106.0402*   | 1/4"         | 1/8"            |
| 140106.0404*   | 1/4"         | 1/4"            |
| 140106.0406*   | 1/4"         | 3/8"            |
| 140106.0408*   | 1/4"         | 1/2"            |
| 140106.0504*   | 5/16"        | 1/4"            |
| 140106.0506*   | 5/16"        | 3/8"            |
| 140106.0508*   | 5/16"        | 1/2"            |
| 140106.0604*   | 3/8"         | 1/4"            |
| 140106.0606*   | 3/8"         | 3/8"            |
| 140106.0608*   | 3/8"         | 1/2"            |
| 140106.0806*   | 1/2"         | 3/8"            |
| 140106.0808*   | 1/2"         | 1/2"            |
| 140106.0812*   | 1/2"         | 3/4"            |
| 140106.1008*   | 5/8"         | 1/2"            |
| 140106.1012*   | 5/8"         | 3/4"            |
| 140106.1208*   | 3/4"         | 1/2"            |
| 140106.1212*   | 3/4"         | 3/4"            |
| 140106.1612*   | 1"           | 3/4"            |
| 140106.1616*   | 1"           | 1"              |
| 140106.1620*   | 1"           | 1.1/4"          |
| 140106.2020*   | 1.1/4"       | 1.1/4"          |
| 140106.2024*   | 1.1/4"       | 1.1/2"          |
| 140106.2424*   | 1.1/2"       | 1.1/2"          |
| 140106.2432*   | 1.1/2"       | 2"              |
| 140106.3232*   | 2"           | 2"              |

**CURVA 90° BSP CONE 60°  
COM FREIO**  
90° BSP O-RING FEMALE  
SWEPT ELBOW 60° CONE  
(THRUST-WIRE NUT)



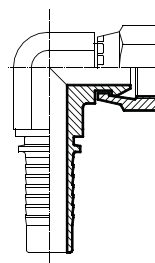
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180106.0302*   | 3/16"        | 1/8"            |
| 180106.0304*   | 3/16"        | 1/4"            |
| 180106.0402*   | 1/4"         | 1/8"            |
| 180106.0404*   | 1/4"         | 1/4"            |
| 180106.0406*   | 1/4"         | 3/8"            |
| 180106.0408*   | 1/4"         | 1/2"            |
| 180106.0504*   | 5/16"        | 1/4"            |
| 180106.0506*   | 5/16"        | 3/8"            |
| 180106.0508*   | 5/16"        | 1/2"            |
| 180106.0604*   | 3/8"         | 1/4"            |
| 180106.0606*   | 3/8"         | 3/8"            |
| 180106.0608*   | 3/8"         | 1/2"            |
| 180106.0806*   | 1/2"         | 3/8"            |
| 180106.0808*   | 1/2"         | 1/2"            |
| 180106.0812*   | 1/2"         | 3/4"            |
| 180106.1008*   | 5/8"         | 1/2"            |
| 180106.1012*   | 5/8"         | 3/4"            |
| 180106.1208*   | 3/4"         | 1/2"            |
| 180106.1212*   | 3/4"         | 3/4"            |
| 180106.1216*   | 3/4"         | 1"              |
| 180106.1612*   | 1"           | 3/4"            |
| 180106.1616*   | 1"           | 1"              |
| 180106.1620*   | 1"           | 1.1/4"          |
| 180106.2020*   | 1.1/4"       | 1.1/4"          |
| 180106.2024*   | 1.1/4"       | 1.1/2"          |
| 180106.2424*   | 1.1/2"       | 1.1/2"          |
| 180106.2432*   | 1.1/2"       | 2"              |
| 180106.3232*   | 2"           | 2"              |

**CURVA 45° BSP CONE 60°  
COM FREIO**  
45° BSP O-RING FEMALE  
SWEPT ELBOW 60° CONE  
(THRUST-WIRE NUT)



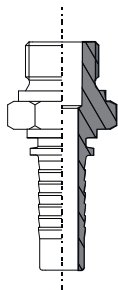
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 200106.0302*   | 3/16"        | 1/8"            |
| 200106.0304*   | 3/16"        | 1/4"            |
| 200106.0402*   | 1/4"         | 1/8"            |
| 200106.0404*   | 1/4"         | 1/4"            |
| 200106.0406*   | 1/4"         | 3/8"            |
| 200106.0408*   | 1/4"         | 1/2"            |
| 200106.0504*   | 5/16"        | 1/4"            |
| 200106.0506*   | 5/16"        | 3/8"            |
| 200106.0508*   | 5/16"        | 1/2"            |
| 200106.0604*   | 3/8"         | 1/4"            |
| 200106.0606*   | 3/8"         | 3/8"            |
| 200106.0608*   | 3/8"         | 1/2"            |
| 200106.0806*   | 1/2"         | 3/8"            |
| 200106.0808*   | 1/2"         | 1/2"            |
| 200106.0812*   | 1/2"         | 3/4"            |
| 200106.1008*   | 5/8"         | 1/2"            |
| 200106.1012*   | 5/8"         | 3/4"            |
| 200106.1208*   | 3/4"         | 1/2"            |
| 200106.1212*   | 3/4"         | 3/4"            |
| 200106.1216*   | 3/4"         | 1"              |
| 200106.1612*   | 1"           | 3/4"            |
| 200106.1616*   | 1"           | 1"              |
| 200106.1620*   | 1"           | 1.1/4"          |
| 200106.2020*   | 1.1/4"       | 1.1/4"          |
| 200106.2024*   | 1.1/4"       | 1.1/2"          |
| 200106.2424*   | 1.1/2"       | 1.1/2"          |
| 200106.2432*   | 1.1/2"       | 2"              |
| 200106.3232*   | 2"           | 2"              |

**CURVA 90° BSP  
COMPACTA (BLOCO)**  
C90° COMPACT BSP  
FEMALE SWEPT ELBOW  
60° CONE

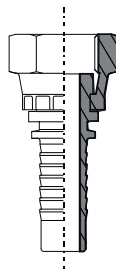


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180200.0404    | 1/4"         | 1/4"            |
| 180200.0406    | 1/4"         | 3/8"            |
| 180200.0506    | 5/16"        | 3/8"            |
| 180200.0606    | 3/8"         | 3/8"            |
| 180200.0608    | 3/8"         | 1/2"            |
| 180200.0808    | 1/2"         | 1/2"            |
| 180200.1212    | 3/4"         | 3/4"            |
| 180200.1616    | 1"           | 1"              |

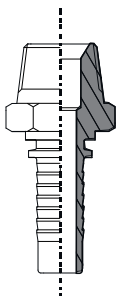
## ACESSÓRIOS DE ALTA PRESSÃO - BSP · FITTINGS HIGH PRESSURE - BSP

**MACHO BSP FACE PLANA**  
BSP MALE FLAT SEAT

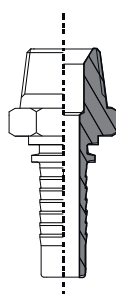
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 160201.0404    | 1/4"         | 1/4"            |
| 160201.0406    | 1/4"         | 3/8"            |
| 160201.0506    | 5/16"        | 3/8"            |
| 160201.0606    | 3/8"         | 3/8"            |
| 160201.0608    | 3/8"         | 1/2"            |
| 160201.0808    | 1/2"         | 1/2"            |
| 160201.0810    | 1/2"         | 5/8"            |
| 160201.0812    | 1/2"         | 3/4"            |
| 160201.1010    | 5/8"         | 5/8"            |
| 160201.1012    | 5/8"         | 3/4"            |
| 160201.1212    | 3/4"         | 3/4"            |
| 160201.1216    | 3/4"         | 1"              |
| 160201.1616    | 1"           | 1"              |
| 160201.2020    | 1.1/4"       | 1.1/4"          |
| 160201.2424    | 1.1/2"       | 1.1/2"          |

**FÊMEA BSP FACE PLANA**  
BSP STRAIGHT FEMALE  
FLAT SEAT

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 140300.0404    | 1/4"         | 1/4"            |
| 140300.0406    | 1/4"         | 3/8"            |
| 140300.0506    | 5/16"        | 3/8"            |
| 140300.0606    | 3/8"         | 3/8"            |
| 140300.0608    | 3/8"         | 1/2"            |
| 140300.0808    | 1/2"         | 1/2"            |
| 140300.0810    | 1/2"         | 5/8"            |
| 140300.0812    | 1/2"         | 3/4"            |
| 140300.1010    | 5/8"         | 5/8"            |
| 140300.1012    | 5/8"         | 3/4"            |
| 140300.1212    | 3/4"         | 3/4"            |
| 140300.1216    | 3/4"         | 1"              |
| 140300.1616    | 1"           | 1"              |
| 140300.2020    | 1.1/4"       | 1.1/4"          |

**MACHO BSPT**  
**CONE 60°**  
BSPT MALE 60° CONE

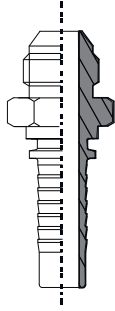
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 160405.0302    | 3/16"        | 1/8"            |
| 160405.0304    | 3/16"        | 1/4"            |
| 160405.0402    | 1/4"         | 1/8"            |
| 160405.0404    | 1/4"         | 1/4"            |
| 160405.0406    | 1/4"         | 3/8"            |
| 160405.0504    | 5/16"        | 1/4"            |
| 160405.0506    | 5/16"        | 3/8"            |
| 160405.0604    | 3/8"         | 1/4"            |
| 160405.0606    | 3/8"         | 3/8"            |
| 160405.0608    | 3/8"         | 1/2"            |
| 160405.0806    | 1/2"         | 3/8"            |
| 160405.0808    | 1/2"         | 1/2"            |
| 160405.1008    | 5/8"         | 1/2"            |
| 160405.1012    | 5/8"         | 3/4"            |
| 160405.1212    | 3/4"         | 3/4"            |
| 160405.1216    | 3/4"         | 1"              |
| 160405.1616    | 1"           | 1"              |
| 160405.1620    | 1"           | 1.1/4"          |
| 160405.2020    | 1.1/4"       | 1.1/4"          |
| 160405.2024    | 1.1/4"       | 1.1/2"          |
| 160405.2424    | 1.1/2"       | 1.1/2"          |
| 160405.3232    | 2"           | 2"              |

**MACHO NPT**  
**CONE 60°**  
NPTF MALE 60° CONE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 160401.0302    | 3/16"        | 1/8"            |
| 160401.0304    | 3/16"        | 1/4"            |
| 160401.0402    | 1/4"         | 1/8"            |
| 160401.0404    | 1/4"         | 1/4"            |
| 160401.0406    | 1/4"         | 3/8"            |
| 160401.0504    | 5/16"        | 1/4"            |
| 160401.0506    | 5/16"        | 3/8"            |
| 160401.0508    | 5/16"        | 1/2"            |
| 160401.0604    | 3/8"         | 1/4"            |
| 160401.0606    | 3/8"         | 3/8"            |
| 160401.0608    | 3/8"         | 1/2"            |
| 160401.0806    | 1/2"         | 3/8"            |
| 160401.0808    | 1/2"         | 1/2"            |
| 160401.0812    | 1/2"         | 3/4"            |
| 160401.1008    | 5/8"         | 1/2"            |
| 160401.1012    | 5/8"         | 3/4"            |
| 160401.1212    | 3/4"         | 3/4"            |
| 160401.1216    | 3/4"         | 1"              |
| 160401.1612    | 1"           | 3/4"            |
| 160401.1616    | 1"           | 1"              |
| 160401.1620    | 1"           | 1.1/4"          |
| 160401.2020    | 1.1/4"       | 1.1/4"          |
| 160401.2024    | 1.1/4"       | 1.1/2"          |
| 160401.2424    | 1.1/2"       | 1.1/2"          |
| 160401.3232    | 2"           | 2"              |

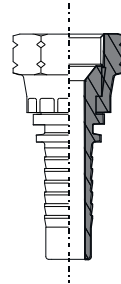


**MACHO JIC  
CONE 74°  
JIC MALE  
74° CONE**



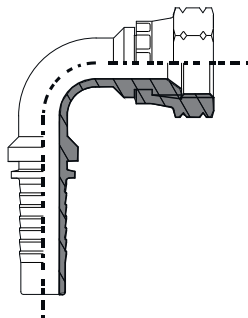
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 160501.0304    | 3/16"        | 7/16"           |
| 160501.0305    | 3/16"        | 1/2"            |
| 160501.0404    | 1/4"         | 7/16"           |
| 160501.0405    | 1/4"         | 1/2"            |
| 160501.0406    | 1/4"         | 9/16"           |
| 160501.0505    | 5/16"        | 1/2"            |
| 160501.0506    | 5/16"        | 9/16"           |
| 160501.0507    | 5/16"        | 5/8"            |
| 160501.0508    | 5/16"        | 3/4"            |
| 160501.0606    | 3/8"         | 9/16"           |
| 160501.0607    | 3/8"         | 5/8"            |
| 160501.0608    | 3/8"         | 3/4"            |
| 160501.0610    | 3/8"         | 7/8"            |
| 160501.0808    | 1/2"         | 3/4"            |
| 160501.0810    | 1/2"         | 7/8"            |
| 160501.0812    | 1/2"         | 1.1/16"         |
| 160501.1010    | 5/8"         | 7/8"            |
| 160501.1012    | 5/8"         | 1.1/16"         |
| 160501.1210    | 3/4"         | 7/8"            |
| 160501.1212    | 3/4"         | 1.1/16"         |
| 160501.1214    | 3/4"         | 1.3/16"         |
| 160501.1216    | 3/4"         | 1.5/16"         |
| 160501.1612    | 1"           | 1.1/16"         |
| 160501.1616    | 1"           | 1.5/16"         |
| 160501.1620    | 1"           | 1.5/8"          |
| 160501.2020    | 1.1/4"       | 1.5/8"          |
| 160501.2024    | 1.1/4"       | 1.7/8"          |
| 160501.2424    | 1.1/2"       | 1.7/8"          |
| 160501.3232    | 2"           | 2.1/2"          |

**FÊMEA JIC  
CONE 74°  
JIC STRAIGHT  
FEMALE 74° CONE**



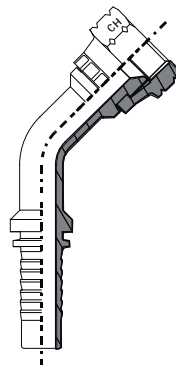
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 140500.0304    | 3/16"        | 7/16"           |
| 140500.0305    | 3/16"        | 1/2"            |
| 140500.0404    | 1/4"         | 7/16"           |
| 140500.0405    | 1/4"         | 1/2"            |
| 140500.0406    | 1/4"         | 9/16"           |
| 140500.0505    | 5/16"        | 1/2"            |
| 140500.0506    | 5/16"        | 9/16"           |
| 140500.0507    | 5/16"        | 5/8"            |
| 140500.0508    | 5/16"        | 3/4"            |
| 140500.0606    | 3/8"         | 9/16"           |
| 140500.0607    | 3/8"         | 5/8"            |
| 140500.0608    | 3/8"         | 3/4"            |
| 140500.0610    | 3/8"         | 7/8"            |
| 140500.0808    | 1/2"         | 3/4"            |
| 140500.0810    | 1/2"         | 7/8"            |
| 140500.0812    | 1/2"         | 1.1/16"         |
| 140500.1010    | 5/8"         | 7/8"            |
| 140500.1012    | 5/8"         | 1.1/16"         |
| 140500.1210    | 3/4"         | 7/8"            |
| 140500.1212    | 3/4"         | 1.1/16"         |
| 140500.1214    | 3/4"         | 1.3/16"         |
| 140500.1216    | 3/4"         | 1.5/16"         |
| 140500.1612    | 1"           | 1.1/16"         |
| 140500.1616    | 1"           | 1.5/16"         |
| 140500.1620    | 1"           | 1.5/8"          |
| 140500.2020    | 1.1/4"       | 1.5/8"          |
| 140500.2024    | 1.1/4"       | 1.7/8"          |
| 140500.2424    | 1.1/2"       | 1.7/8"          |
| 140500.3232    | 2"           | 2.1/2"          |

**CURVA 90° JIC CONE 74°  
90° JIC FEMALE SWEPT  
ELBOW  
74° CONE**



| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180502.0304    | 3/16"        | 7/16"           |
| 180502.0305    | 3/16"        | 1/2"            |
| 180502.0404    | 1/4"         | 7/16"           |
| 180502.0405    | 1/4"         | 1/2"            |
| 180502.0406    | 1/4"         | 9/16"           |
| 180502.0505    | 5/16"        | 1/2"            |
| 180502.0506    | 5/16"        | 9/16"           |
| 180502.0507    | 5/16"        | 5/8"            |
| 180502.0508    | 5/16"        | 3/4"            |
| 180502.0606    | 3/8"         | 9/16"           |
| 180502.0607    | 3/8"         | 5/8"            |
| 180502.0608    | 3/8"         | 3/4"            |
| 180502.0610    | 3/8"         | 7/8"            |
| 180502.0808    | 1/2"         | 3/4"            |
| 180502.0810    | 1/2"         | 7/8"            |
| 180502.0812    | 1/2"         | 1.1/16"         |
| 180502.1010    | 5/8"         | 7/8"            |
| 180502.1012    | 5/8"         | 1.1/16"         |
| 180502.1210    | 3/4"         | 7/8"            |
| 180502.1212    | 3/4"         | 1.1/16"         |
| 180502.1214    | 3/4"         | 1.3/16"         |
| 180502.1216    | 3/4"         | 1.5/16"         |
| 180502.1612    | 1"           | 1.1/16"         |
| 180502.1616    | 1"           | 1.5/16"         |
| 180502.1620    | 1"           | 1.5/8"          |
| 180502.2020    | 1.1/4"       | 1.5/8"          |
| 180502.2024    | 1.1/4"       | 1.7/8"          |
| 180502.2424    | 1.1/2"       | 1.7/8"          |
| 180502.3232    | 2"           | 2.1/2"          |

**CURVA 45° JIC COM  
FREIO CONE 74°  
45° JIC FEMALE SWEPT  
ELBOW 74° CONE**



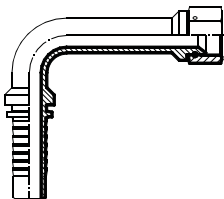
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 200503.0304    | 3/16"        | 7/16"           |
| 200503.0305    | 3/16"        | 1/2"            |
| 200503.0404    | 1/4"         | 7/16"           |
| 200503.0405    | 1/4"         | 1/2"            |
| 200503.0406    | 1/4"         | 9/16"           |
| 200503.0505    | 5/16"        | 1/2"            |
| 200503.0506    | 5/16"        | 9/16"           |
| 200503.0507    | 5/16"        | 5/8"            |
| 200503.0508    | 5/16"        | 3/4"            |
| 200503.0606    | 3/8"         | 9/16"           |
| 200503.0607    | 3/8"         | 5/8"            |
| 200503.0608    | 3/8"         | 3/4"            |
| 200503.0610    | 3/8"         | 7/8"            |
| 200503.0808    | 1/2"         | 3/4"            |
| 200503.0810    | 1/2"         | 7/8"            |
| 200503.0812    | 1/2"         | 1.1/16"         |
| 200503.1010    | 5/8"         | 7/8"            |
| 200503.1012    | 5/8"         | 1.1/16"         |
| 200503.1210    | 3/4"         | 7/8"            |
| 200503.1212    | 3/4"         | 1.1/16"         |
| 200503.1214    | 3/4"         | 1.3/16"         |
| 200503.1216    | 3/4"         | 1.5/16"         |
| 200503.1612    | 1"           | 1.1/16"         |
| 200503.1616    | 1"           | 1.5/16"         |
| 200503.1620    | 1"           | 1.5/8"          |
| 200503.2020    | 1.1/4"       | 1.5/8"          |
| 200503.2024    | 1.1/4"       | 1.7/8"          |
| 200503.2424    | 1.1/2"       | 1.7/8"          |
| 200503.3232    | 2"           | 2.1/2"          |

\* Todos os artigos disponíveis em AISI 316.  
\* All items available in AISI 316.

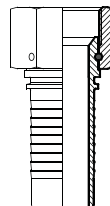
## ACESSÓRIOS DE ALTA PRESSÃO - JIC · FITTINGS HIGH PRESSURE - JIC

**CURVA 90° JIC LONGO  
CONE 74°**  
 90° JIC FEMALE SWEPT  
 ELBOW 74° CONE  
 LONG DROP

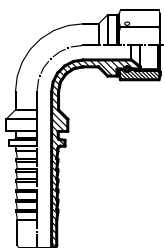
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180505.0404    | 1/4"         | 7/16"           |
| 180505.0405    | 1/4"         | 1/2"            |
| 180505.0406    | 1/4"         | 9/16"           |
| 180505.0606    | 3/8"         | 9/16"           |
| 180505.0608    | 3/8"         | 3/4"            |
| 180505.0808    | 1/2"         | 3/4"            |
| 180505.0810    | 1/2"         | 7/8"            |
| 180505.1010    | 5/8"         | 7/8"            |
| 180505.1212    | 3/4"         | 1.1/16"         |
| 180505.1616    | 1"           | 1.5/16"         |


**FÊMEA JIC COM FREIO**  
 JIC STRAIGHT  
 FEMALE 74° CONE

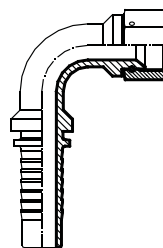
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 140505.0304    | 3/16"        | 7/16"           |
| 140505.0305    | 3/16"        | 1/2"            |
| 140505.0404    | 1/4"         | 7/16"           |
| 140505.0405    | 1/4"         | 1/2"            |
| 140505.0406    | 1/4"         | 9/16"           |
| 140505.0505    | 5/16"        | 1/2"            |
| 140505.0506    | 5/16"        | 9/16"           |
| 140505.0508    | 5/16"        | 3/4"            |
| 140505.0606    | 3/8"         | 9/16"           |
| 140505.0608    | 3/8"         | 3/4"            |
| 140505.0610    | 3/8"         | 7/8"            |
| 140505.0808    | 1/2"         | 3/4"            |
| 140505.0810    | 1/2"         | 7/8"            |
| 140505.0812    | 1/2"         | 1.1/16"         |
| 140505.1010    | 5/8"         | 7/8"            |
| 140505.1012    | 5/8"         | 1.1/16"         |
| 140505.1210    | 3/4"         | 7/8"            |
| 140505.1212    | 3/4"         | 1.1/16"         |
| 140505.1216    | 3/4"         | 1.5/16"         |


**CURVA 90° JIC COM FREIO**  
 90° JIC FEMALE SWEPT  
 ELBOW 74° CONE  
 (THRUST-WIRE NUT)

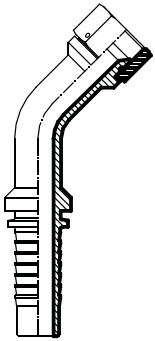
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180507.0304    | 3/16"        | 7/16"           |
| 180507.0305    | 3/16"        | 1/2"            |
| 180507.0404    | 1/4"         | 7/16"           |
| 180507.0405    | 1/4"         | 1/2"            |
| 180507.0406    | 1/4"         | 9/16"           |
| 180507.0505    | 5/16"        | 1/2"            |
| 180507.0506    | 5/16"        | 9/16"           |
| 180507.0508    | 5/16"        | 3/4"            |
| 180507.0606    | 3/8"         | 9/16"           |
| 180507.0608    | 3/8"         | 3/4"            |
| 180507.0610    | 3/8"         | 7/8"            |
| 180507.0808    | 1/2"         | 3/4"            |
| 180507.0810    | 1/2"         | 7/8"            |
| 180507.0812    | 1/2"         | 1.1/16"         |
| 180507.1010    | 5/8"         | 7/8"            |
| 180507.1012    | 5/8"         | 1.1/16"         |
| 180507.1210    | 3/4"         | 7/8"            |
| 180507.1212    | 3/4"         | 1.1/16"         |
| 180507.1216    | 3/4"         | 1.5/16"         |
| 180507.1612    | 1"           | 1.1/16"         |
| 180507.1616    | 1"           | 1.5/16"         |
| 180507.1620    | 1"           | 1.5/8"          |
| 180507.2020    | 1.1/4"       | 1.5/8"          |
| 180507.2024    | 1.1/4"       | 1.7/8"          |
| 180507.2424    | 1.1/2"       | 1.7/8"          |
| 180507.2432    | 1.1/2"       | 2.1/2"          |
| 180507.3232    | 2"           | 2.1/2"          |


**CURVA 90° JIC COM  
FREIO**  
 90° JIC FEMALE SWEPT  
 ELBOW 74° CONE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 180507.0404    | 1/4"         | 7/16"           |
| 180507.0405    | 1/4"         | 1/2"            |
| 180507.0406    | 1/4"         | 9/16"           |
| 180507.0606    | 3/8"         | 9/16"           |
| 180507.0608    | 3/8"         | 3/4"            |
| 180507.0808    | 1/2"         | 3/4"            |
| 180507.0810    | 1/2"         | 7/8"            |
| 180507.1010    | 5/8"         | 7/8"            |
| 180507.1212    | 3/4"         | 1.1/16"         |
| 180507.1616    | 1"           | 1.5/16"         |

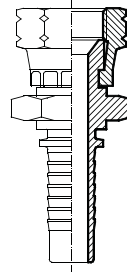


**CURVA 45° JIC  
COM FREIO**  
45° JIC FEMALE SWEPT  
ELBOW 74° CONE  
(THRUST-WIRE NUT)



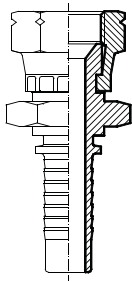
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 200507.0304    | 3/16"        | 7/16"           |
| 200507.0305    | 3/16"        | 1/2"            |
| 200507.0404    | 1/4"         | 7/16"           |
| 200507.0405    | 1/4"         | 1/2"            |
| 200507.0406    | 1/4"         | 9/16"           |
| 200507.0505    | 5/16"        | 1/2"            |
| 200507.0506    | 5/16"        | 9/16"           |
| 200507.0508    | 5/16"        | 3/4"            |
| 200507.0606    | 3/8"         | 9/16"           |
| 200507.0608    | 3/8"         | 3/4"            |
| 200507.0610    | 3/8"         | 7/8"            |
| 200507.0808    | 1/2"         | 3/4"            |
| 200507.0810    | 1/2"         | 7/8"            |
| 200507.0812    | 1/2"         | 1.1/16"         |
| 200507.1010    | 5/8"         | 7/8"            |
| 200507.1012    | 5/8"         | 1.1/16"         |
| 200507.1210    | 3/4"         | 7/8"            |
| 200507.1212    | 3/4"         | 1.1/16"         |
| 200507.1216    | 3/4"         | 1.5/16"         |
| 200507.1612    | 1"           | 1.1/16"         |
| 200507.1616    | 1"           | 1.5/16"         |
| 200507.1620    | 1"           | 1.5/8"          |
| 200507.2020    | 1.1/4"       | 1.5/8"          |
| 200507.2024    | 1.1/4"       | 1.7/8"          |
| 200507.2424    | 1.1/2"       | 1.7/8"          |
| 200507.2432    | 1.1/2"       | 2.1/2"          |
| 200507.3232    | 2"           | 2.1/2"          |

**FÊMEA JIC CONE 74°  
COM SEXTAVADO**  
JIC STRAIGHT FEMALE 74°  
CONE-DOUBLE HEXAGON

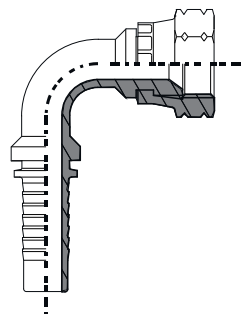


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 140510.0404    | 1/4"         | 7/16"           |
| 140510.0405    | 1/4"         | 1/2"            |
| 140510.0406    | 1/4"         | 9/16"           |
| 140510.0506    | 5/16"        | 9/16"           |
| 140510.0606    | 3/8"         | 9/16"           |
| 140510.0608    | 3/8"         | 3/4"            |
| 140510.0808    | 1/2"         | 3/4"            |
| 140510.0810    | 1/2"         | 7/8"            |
| 140510.1010    | 5/8"         | 7/8"            |
| 140510.1012    | 5/8"         | 1.1/16"         |
| 140510.1212    | 3/4"         | 1.1/16"         |
| 140510.1616    | 1"           | 1.5/16"         |

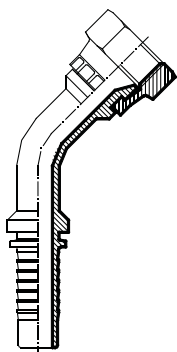
## ACESSÓRIOS DE ALTA PRESSÃO - JIS · FITTINGS HIGH PRESSURE - JIS

**FÊMEA JAPONESA JIS  
CONE 30°**  
 JAPANESE STRAIGHT  
 METRIC FEMALE 30°  
 CONE


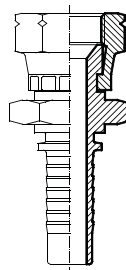
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 144900.0414    | 1/4"         | M14 x 1.5       |
| 144900.0416    | 1/4"         | M16 x 1.5       |
| 144900.0516    | 5/16"        | M16 x 1.5       |
| 144900.0614    | 3/8"         | M14 x 1.5       |
| 144900.0616    | 3/8"         | M16 x 1.5       |
| 144900.0618    | 3/8"         | M18 x 1.5       |
| 144900.0818    | 1/2"         | M18 x 1.5       |
| 144900.0820    | 1/2"         | M20 x 1.5       |
| 144900.0822    | 1/2"         | M22 x 1.5       |
| 144900.0824    | 1/2"         | M24 x 1.5       |
| 144900.1022    | 5/8"         | M22 x 1.5       |
| 144900.1024    | 5/8"         | M24 x 1.5       |
| 144900.1230    | 3/4"         | M30 x 1.5       |
| 144900.1633    | 1"           | M33 x 1.5       |
| 144900.2036    | 1.1/4"       | M36 x 1.5       |
| 144900.2442    | 1.1/2"       | M42 x 1.5       |

**CURVA JAPONESA 90°  
JIS  
CONE 30°**  
 90° JAPANESE METRIC  
 FEMALE 30° CONE


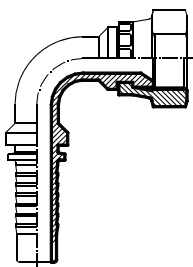
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 184601.0414    | 1/4"         | M14 x 1.5       |
| 184601.0416    | 1/4"         | M16 x 1.5       |
| 184601.0516    | 5/16"        | M16 x 1.5       |
| 184601.0614    | 3/8"         | M14 x 1.5       |
| 184601.0616    | 3/8"         | M16 x 1.5       |
| 184601.0618    | 3/8"         | M18 x 1.5       |
| 184601.0818    | 1/2"         | M18 x 1.5       |
| 184601.0820    | 1/2"         | M20 x 1.5       |
| 184601.0822    | 1/2"         | M22 x 1.5       |
| 184601.0824    | 1/2"         | M24 x 1.5       |
| 184601.1022    | 5/8"         | M22 x 1.5       |
| 184601.1024    | 5/8"         | M24 x 1.5       |
| 184601.1230    | 3/4"         | M30 x 1.5       |
| 184601.1633    | 1"           | M33 x 1.5       |
| 184601.2036    | 1.1/4"       | M36 x 1.5       |
| 184601.2442    | 1.1/2"       | M42 x 1.5       |

**CURVA JAPONESA 45° JIC  
CONE 30°**  
 45° JAPANESE METRIC  
 FEMALE 30° CONE


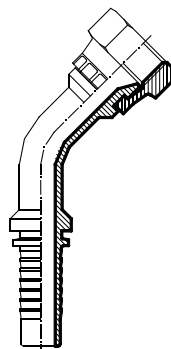
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 203703.0414    | 1/4"         | M14 x 1.5       |
| 203703.0416    | 1/4"         | M16 x 1.5       |
| 203703.0516    | 5/16"        | M16 x 1.5       |
| 203703.0614    | 3/8"         | M14 x 1.5       |
| 203703.0616    | 3/8"         | M16 x 1.5       |
| 203703.0618    | 3/8"         | M18 x 1.5       |
| 203703.0818    | 1/2"         | M18 x 1.5       |
| 203703.0820    | 1/2"         | M20 x 1.5       |
| 203703.0822    | 1/2"         | M22 x 1.5       |
| 203703.0824    | 1/2"         | M24 x 1.5       |
| 203703.1022    | 5/8"         | M22 x 1.5       |
| 203703.1024    | 5/8"         | M24 x 1.5       |
| 203703.1230    | 3/4"         | M30 x 1.5       |
| 203703.1633    | 1"           | M33 x 1.5       |
| 203703.2036    | 1.1/4"       | M36 x 1.5       |
| 203703.2442    | 1.1/2"       | M42 x 1.5       |

**FÊMEA JAPONESA JIS  
CONE 30°**  
 JAPANESE FEMALE 30°  
 CONE


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 144600.0404    | 1/4"         | 1/4"            |
| 144600.0606    | 3/8"         | 3/8"            |
| 144600.0808    | 1/2"         | 1/2"            |
| 144600.1212    | 3/4"         | 3/4"            |
| 144600.1616    | 1"           | 1"              |
| 144600.2020    | 1.1/4"       | 1.1/4"          |
| 144600.2424    | 1.1/2"       | 1.1/2"          |

**CURVA JAPONESA 90°  
JIC CONE 30°**  
 90° JAPANESE FEMALE  
 30° CONE


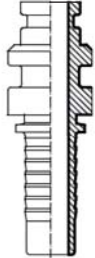
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 184602.0404    | 1/4"         | 1/4"            |
| 184602.0606    | 3/8"         | 3/8"            |
| 184602.0808    | 1/2"         | 1/2"            |
| 184602.1212    | 3/4"         | 3/4"            |
| 184602.1616    | 1"           | 1"              |
| 184602.2020    | 1.1/4"       | 1.1/2"          |
| 184602.2424    | 1.1/2"       | 1.1/2"          |

**FÊMEA JAPONESA 45° JIS  
CONE 30°**  
 45° JAPANESE  
 FEMALE 30° CONE


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 204603.0404    | 1/4"         | 1/4"            |
| 204603.0606    | 3/8"         | 3/8"            |
| 204603.0808    | 1/2"         | 1/2"            |
| 204603.1212    | 3/4"         | 3/4"            |
| 204603.1616    | 1"           | 1"              |
| 204603.2020    | 1.1/4"       | 1.1/4"          |
| 204603.2424    | 1.1/2"       | 1.1/2"          |

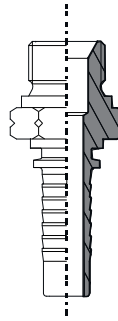
TERMINAIS DE PRENSAR - MÉTRICO · HYDRAULIC FITTINGS - METRIC

**MACHO STAPLE-LOCK  
(MINAS)  
STAPLE-LOCK MALE**



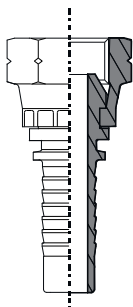
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 242900.0404    | 1/4"         | 04              |
| 242900.0606    | 3/8"         | 06              |
| 242900.0808    | 1/2"         | 08              |
| 242900.1212    | 3/4"         | 12              |
| 242900.1616    | 1"           | 16              |
| 242900.2020    | 1.1/4"       | 20              |
| 242900.2424    | 1.1/2"       | 24              |
| 242900.3232    | 2"           | 32              |

**MACHO MÉTRICO  
CONE 60° (DIN-L)  
METRIC MALE  
60° CONE**



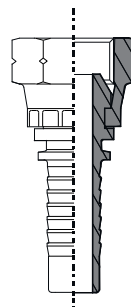
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 161301.0310    | 3/16"        | M10 x 1         |
| 161301.0312    | 3/16"        | M12 x 1.5       |
| 161301.0410    | 1/4"         | M10 x 1         |
| 161301.0412    | 1/4"         | M12 x 1.5       |
| 161301.0414    | 1/4"         | M14 x 1.5       |
| 161301.0416    | 1/4"         | M16 x 1.5       |
| 161301.0418    | 1/4"         | M18 x 1.5       |
| 161301.0514    | 5/16"        | M14 x 1.5       |
| 161301.0516    | 5/16"        | M16 x 1.5       |
| 161301.0518    | 5/16"        | M18 x 1.5       |
| 161301.0614    | 3/8"         | M14 x 1.5       |
| 161301.0616    | 3/8"         | M16 x 1.5       |
| 161301.0618    | 3/8"         | M18 x 1.5       |
| 161301.0620    | 3/8"         | M20 x 1.5       |
| 161301.0622    | 3/8"         | M22 x 1.5       |
| 161301.0818    | 1/2"         | M18 x 1.5       |
| 161301.0820    | 1/2"         | M20 x 1.5       |
| 161301.0822    | 1/2"         | M22 x 1.5       |
| 161301.0824    | 1/2"         | M24 x 1.5       |
| 161301.0826    | 1/2"         | M26 x 1.5       |
| 161301.1026    | 5/8"         | M26 x 1.5       |
| 161301.1226    | 3/4"         | M26 x 1.5       |
| 161301.1230    | 3/4"         | M30 x 1.5       |
| 161301.1638    | 1"           | M38 x 1.5       |
| 161301.2045    | 1.1/4"       | M45 x 1.5       |
| 161301.2452    | 1.1/2"       | M52 x 1.5       |

**FÊMEA MÉTRICA CONE  
60° (DIN-L)  
METRIC FEMALE 60°  
CONE**



| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 141300.0310    | 3/16"        | M10 x 1         |
| 141300.0312    | 3/16"        | M12 x 1.5       |
| 141300.0410    | 1/4"         | M10 x 1         |
| 141300.0412    | 1/4"         | M12 x 1.5       |
| 141300.0414    | 1/4"         | M14 x 1.5       |
| 141300.0416    | 1/4"         | M16 x 1.5       |
| 141300.0418    | 1/4"         | M18 x 1.5       |
| 141300.0514    | 5/16"        | M14 x 1.5       |
| 141300.0516    | 5/16"        | M16 x 1.5       |
| 141300.0518    | 5/16"        | M18 x 1.5       |
| 141300.0614    | 3/8"         | M14 x 1.5       |
| 141300.0616    | 3/8"         | M16 x 1.5       |
| 141300.0618    | 3/8"         | M18 x 1.5       |
| 141300.0620    | 3/8"         | M20 x 1.5       |

**FÊMEA MÉTRICA CONE  
60° (DIN-L)  
METRIC FEMALE 60°  
CONE**

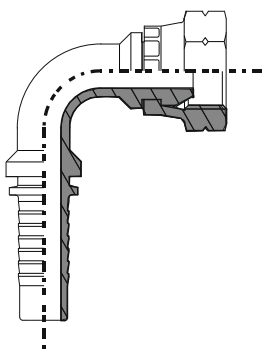


\* Porca Removível  
\* Removable Nut

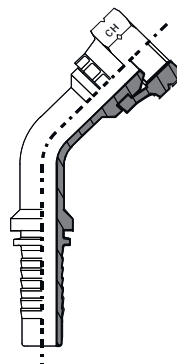
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 141300.0622    | 3/8"         | M22 x 1.5       |
| 141300.0818    | 1/2"         | M18 x 1.5       |
| 141300.0820    | 1/2"         | M20 x 1.5       |
| 141300.0822    | 1/2"         | M22 x 1.5       |
| 141300.0824    | 1/2"         | M24 x 1.5       |
| 141300.0826    | 1/2"         | M26 x 1.5       |
| 141300.1026    | 5/8"         | M26 x 1.5       |
| 141300.1027    | 3/4"         | M26 x 1.5       |
| 141300.1226    | 3/4"         | M26 x 1.5       |
| 141300.1227    | 3/4"         | M27 x 1.5       |
| 141300.1230*   | 3/4"         | M30 x 1.5       |
| 141300.1233    | 3/4"         | M33 x 1.5       |
| 141300.1638*   | 1"           | M38 x 1.5       |
| 141300.2045    | 1.1/4"       | M45 x 1.5       |
| 141300.2452*   | 1.1/2"       | M52 x 1.5       |

\* Todos os artigos disponíveis em AISI 316.  
\* All items available in AISI 316.

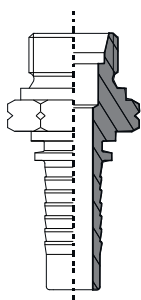
## TERMINAIS DE PRENSAR - MÉTRICO · HYDRAULIC FITTINGS - METRIC

**CURVA 90° MÉTRICA  
CONE 60° (DIN-L)**  
90° METRIC FEMALE  
SWEEP ELBOW 60° CONE


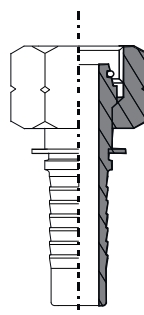
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 181302.0310    | 3/16"        | M10 x 1         |
| 181302.0312    | 3/16"        | M12 x 1.5       |
| 181302.0410    | 1/4"         | M10 x 1         |
| 181302.0412    | 1/4"         | M12 x 1.5       |
| 181302.0414    | 1/4"         | M14 x 1.5       |
| 181302.0416    | 1/4"         | M16 x 1.5       |
| 181302.0418    | 1/4"         | M18 x 1.5       |
| 181302.0514    | 5/16"        | M14 x 1.5       |
| 181302.0516    | 5/16"        | M16 x 1.5       |
| 181302.0518    | 5/16"        | M18 x 1.5       |
| 181302.0614    | 3/8"         | M14 x 1.5       |
| 181302.0616    | 3/8"         | M16 x 1.5       |
| 181302.0618    | 3/8"         | M18 x 1.5       |
| 181302.0620    | 3/8"         | M20 x 1.5       |
| 181302.0622    | 3/8"         | M22 x 1.5       |
| 181302.0818    | 1/2"         | M18 x 1.5       |
| 181302.0820    | 1/2"         | M20 x 1.5       |
| 181302.0822    | 1/2"         | M22 x 1.5       |
| 181302.0824    | 1/2"         | M24 x 1.5       |
| 181302.0826    | 1/2"         | M26 x 1.5       |
| 181302.1026    | 5/8"         | M26 x 1.5       |
| 181302.1027    | 5/8"         | M27 x 1.5       |
| 181302.1226    | 3/4"         | M26 x 1.5       |
| 181302.1227    | 3/4"         | M27 x 1.5       |
| 181302.1230    | 3/4"         | M30 x 1.5       |
| 181302.1638    | 1"           | M38 x 1.5       |
| 181302.2045    | 1.1/4"       | M45 x 1.5       |
| 181302.2452    | 1.1/2"       | M52 x 1.5       |

**CURVA 45° MÉTRICA  
CONE 60°(DIN-L)**  
45° METRIC FEMALE  
SWEEP ELBOW  
60° CONE


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 201303.0310    | 3/16"        | M10 x 1         |
| 201303.0312    | 3/16"        | M12 x 1.5       |
| 201303.0410    | 1/4"         | M10 x 1         |
| 201303.0412    | 1/4"         | M12 x 1.5       |
| 201303.0414    | 1/4"         | M14 x 1.5       |
| 201303.0416    | 1/4"         | M16 x 1.5       |
| 201303.0418    | 1/4"         | M18 x 1.5       |
| 201303.0514    | 5/16"        | M14 x 1.5       |
| 201303.0516    | 5/16"        | M16 x 1.5       |
| 201303.0518    | 5/16"        | M18 x 1.5       |
| 201303.0614    | 3/8"         | M14 x 1.5       |
| 201303.0616    | 3/8"         | M16 x 1.5       |
| 201303.0618    | 3/8"         | M18 x 1.5       |
| 201303.0620    | 3/8"         | M20 x 1.5       |
| 201303.0622    | 3/8"         | M22 x 1.5       |
| 201303.0818    | 1/2"         | M18 x 1.5       |
| 201303.0820    | 1/2"         | M20 x 1.5       |
| 201303.0822    | 1/2"         | M22 x 1.5       |
| 201303.0824    | 1/2"         | M24 x 1.5       |
| 201303.0826    | 1/2"         | M26 x 1.5       |
| 201303.1026    | 5/8"         | M26 x 1.5       |
| 201303.1027    | 5/8"         | M27 x 1.5       |
| 201303.1226    | 3/4"         | M26 x 1.5       |
| 201303.1227    | 3/4"         | M27 x 1.5       |
| 201303.1230    | 3/4"         | M30 x 1.5       |
| 201303.1638    | 1"           | M38 x 1.5       |
| 201303.2045    | 1.1/4"       | M45 x 1.5       |
| 201303.2452    | 1.1/2"       | M52 x 1.5       |

**MACHO MÉTRICO  
CONE 24°  
(SÉRIE LEVE)**  
METRIC MALE  
24° CONE - L TYPE


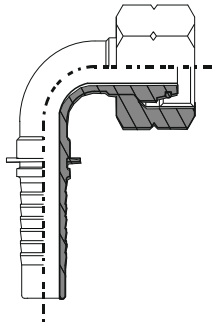
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 161201.0312    | 3/16"        | M12 x 1.5       |
| 161201.0314    | 3/16"        | M14 x 1.5       |
| 161201.0412    | 1/4"         | M12 x 1.5       |
| 161201.0414    | 1/4"         | M14 x 1.5       |
| 161201.0416    | 1/4"         | M16 x 1.5       |
| 161201.0418    | 1/4"         | M18 x 1.5       |
| 161201.0514    | 5/16"        | M14 x 1.5       |
| 161201.0516    | 5/16"        | M16 x 1.5       |
| 161201.0518    | 5/16"        | M18 x 1.5       |
| 161201.0616    | 3/8"         | M16 x 1.5       |
| 161201.0618    | 3/8"         | M18 x 1.5       |
| 161201.0622    | 3/8"         | M22 x 1.5       |
| 161201.0818    | 1/2"         | M18 x 1.5       |
| 161201.0822    | 1/2"         | M22 x 1.5       |
| 161201.0826    | 1/2"         | M26 x 1.5       |
| 161201.1026    | 5/8"         | M26 x 1.5       |
| 161201.1030    | 5/8"         | M30 x 2         |
| 161201.1226    | 3/4"         | M26 x 1.5       |
| 161201.1230    | 3/4"         | M30 x 2         |
| 161201.1636    | 1"           | M36 x 2         |
| 161201.2045    | 1.1/4"       | M45 x 2         |
| 161201.2452    | 1.1/2"       | M52 x 2         |

**FÊMEA MÉTRICA  
CONE 24°  
(SÉRIE LEVE)**  
O-RING STRAIGHT  
METRIC FEMALE  
24° CONE - L TYPE


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 141200.0312    | 3/16"        | M12 x 1.5       |
| 141200.0314    | 3/16"        | M14 x 1.5       |
| 141200.0412    | 1/4"         | M12 x 1.5       |
| 141200.0414    | 1/4"         | M14 x 1.5       |
| 141200.0416    | 1/4"         | M16 x 1.5       |
| 141200.0418    | 1/4"         | M18 x 1.5       |
| 141200.0514    | 5/16"        | M14 x 1.5       |
| 141200.0516    | 5/16"        | M16 x 1.5       |
| 141200.0518    | 5/16"        | M18 x 1.5       |
| 141200.0616    | 3/8"         | M16 x 1.5       |
| 141200.0618    | 3/8"         | M18 x 1.5       |
| 141200.0622    | 3/8"         | M22 x 1.5       |
| 141200.0818    | 1/2"         | M18 x 1.5       |
| 141200.0822    | 1/2"         | M22 x 1.5       |
| 141200.0826    | 1/2"         | M26 x 1.5       |
| 141200.1026    | 5/8"         | M26 x 1.5       |
| 141200.1030    | 5/8"         | M30 x 2         |
| 141200.1226    | 3/4"         | M26 x 1.5       |
| 141200.1230    | 3/4"         | M30 x 2         |
| 141200.1636    | 1"           | M36 x 2         |
| 141200.2045    | 1.1/4"       | M45 x 2         |
| 141200.2452    | 1.1/2"       | M52 x 2         |

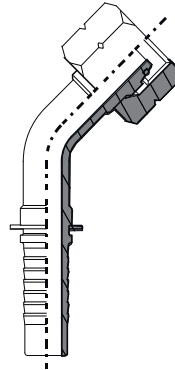
TERMINAIS DE PRENSAR - MÉTRICO · HYDRAULIC FITTINGS - METRIC

**CURVA 90° MÉTRICA  
CONE 24° (SÉRIE LEVE)**  
90° O-RING METRIC  
FEMALE SWEPT ELBOW  
24° CONE - L TYPE



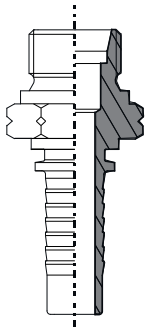
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 181202.0312    | 3/16"        | M12 x 1.5       |
| 181202.0314    | 3/16"        | M14 x 1.5       |
| 181202.0412    | 1/4"         | M12 x 1.5       |
| 181202.0414    | 1/4"         | M14 x 1.5       |
| 181202.0416    | 1/4"         | M16 x 1.5       |
| 181202.0418    | 1/4"         | M18 x 1.5       |
| 181202.0514    | 5/16"        | M14 x 1.5       |
| 181202.0516    | 5/16"        | M16 x 1.5       |
| 181202.0518    | 5/16"        | M18 x 1.5       |
| 181202.0616    | 3/8"         | M16 x 1.5       |
| 181202.0618    | 3/8"         | M18 x 1.5       |
| 181202.0622    | 3/8"         | M22 x 1.5       |
| 181202.0818    | 1/2"         | M18 x 1.5       |
| 181202.0822    | 1/2"         | M22 x 1.5       |
| 181202.0826    | 1/2"         | M26 x 1.5       |
| 181202.1026    | 5/8"         | M26 x 1.5       |
| 181202.1030    | 5/8"         | M30 x 2         |
| 181202.1226    | 3/4"         | M26 x 1.5       |
| 181202.1230    | 3/4"         | M30 x 2         |
| 181202.1636    | 1"           | M36 x 2         |
| 181202.2045    | 1.1/4"       | M45 x 2         |
| 181202.2452    | 1.1/2"       | M52 x 2         |

**CURVA 45° MÉTRICA  
CONE 24° (SÉRIE LEVE)**  
45° O-RING METRIC  
FEMALE SWEPT ELBOW  
24° CONE - L TYPE



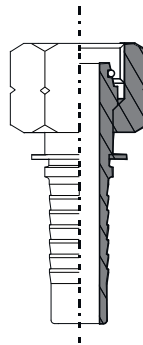
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 201203.0312    | 3/16"        | M12 x 1.5       |
| 201203.0314    | 3/16"        | M14 x 1.5       |
| 201203.0412    | 1/4"         | M12 x 1.5       |
| 201203.0414    | 1/4"         | M14 x 1.5       |
| 201203.0416    | 1/4"         | M16 x 1.5       |
| 201203.0418    | 1/4"         | M18 x 1.5       |
| 201203.0514    | 5/16"        | M14 x 1.5       |
| 201203.0516    | 5/16"        | M16 x 1.5       |
| 201203.0518    | 5/16"        | M18 x 1.5       |
| 201203.0616    | 3/8"         | M16 x 1.5       |
| 201203.0618    | 3/8"         | M18 x 1.5       |
| 201203.0622    | 3/8"         | M22 x 1.5       |
| 201203.0818    | 1/2"         | M18 x 1.5       |
| 201203.0822    | 1/2"         | M22 x 1.5       |
| 201203.0826    | 1/2"         | M26 x 1.5       |
| 201203.1026    | 5/8"         | M26 x 1.5       |
| 201203.1030    | 5/8"         | M30 x 2         |
| 201203.1226    | 3/4"         | M26 x 1.5       |
| 201203.1230    | 3/4"         | M30 x 2         |
| 201203.1636    | 1"           | M36 x 2         |
| 201203.2045    | 1.1/4"       | M45 x 2         |
| 201203.2452    | 1.1/2"       | M52 x 2         |

**MACHO MÉTRICO  
CONE 24°  
(SÉRIE PESADA)**  
METRIC MALE  
24° CONE - S TYPE



| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 162201.0314    | 3/16"        | M14 x 1.5       |
| 162201.0316    | 3/16"        | M16 x 1.5       |
| 162201.0414    | 1/4"         | M14 x 1.5       |
| 162201.0416    | 1/4"         | M16 x 1.5       |
| 162201.0418    | 1/4"         | M18 x 1.5       |
| 162201.0420    | 1/4"         | M20 x 1.5       |
| 162201.0518    | 5/16"        | M18 x 1.5       |
| 162201.0520    | 5/16"        | M20 x 1.5       |
| 162201.0618    | 3/8"         | M18 x 1.5       |
| 162201.0620    | 3/8"         | M20 x 1.5       |
| 162201.0622    | 3/8"         | M22 x 1.5       |
| 162201.0822    | 1/2"         | M22 x 1.5       |
| 162201.0824    | 1/2"         | M24 x 1.5       |
| 162201.1030    | 5/8"         | M30 x 2         |
| 162201.1230    | 3/4"         | M30 x 2         |
| 162201.1236    | 3/4"         | M36 x 2         |
| 162201.1636    | 1"           | M36 x 2         |
| 162201.1642    | 1"           | M42 x 2         |
| 162201.2042    | 1.1/4"       | M42 x 2         |
| 162201.2052    | 1.1/4"       | M52 x 2         |
| 162201.2452    | 1.1/2"       | M52 x 2         |

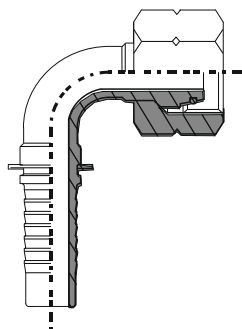
**FÊMEA MÉTRICA  
CONE 24°  
(SÉRIE PESADA)**  
O-RING STRAIGHT  
METRIC FEMALE  
24° CONE - S TYPE



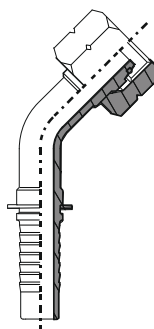
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 142200.0314    | 3/16"        | M14 x 1.5       |
| 142200.0316    | 3/16"        | M16 x 1.5       |
| 142200.0414    | 1/4"         | M14 x 1.5       |
| 142200.0416    | 1/4"         | M16 x 1.5       |
| 142200.0418    | 1/4"         | M18 x 1.5       |
| 142200.0420    | 1/4"         | M20 x 1.5       |
| 142200.0518    | 5/16"        | M18 x 1.5       |
| 142200.0520    | 5/16"        | M20 x 1.5       |
| 142200.0618    | 3/8"         | M18 x 1.5       |
| 142200.0620    | 3/8"         | M20 x 1.5       |
| 142200.0622    | 3/8"         | M22 x 1.5       |
| 142200.0822    | 1/2"         | M22 x 1.5       |
| 142200.0824    | 1/2"         | M24 x 1.5       |
| 142200.1030    | 5/8"         | M30 x 2         |
| 142200.1230    | 3/4"         | M30 x 2         |
| 142200.1236    | 3/4"         | M36 x 2         |
| 142200.1636    | 1"           | M36 x 2         |
| 142200.1642    | 1"           | M42 x 2         |
| 142200.2042    | 1.1/4"       | M42 x 2         |
| 142200.2052    | 1.1/4"       | M52 x 2         |
| 142200.2452    | 1.1/2"       | M52 x 2         |

\* Todos os artigos disponíveis em AISI 316.  
\* All items available in AISI 316.

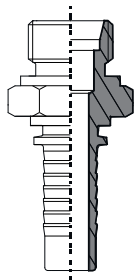
## TERMINAIS DE PRENSAR - MÉTRICO · HYDRAULIC FITTINGS - METRIC

**CURVA 90°  
MÉTRICA CONE 24°  
(SÉRIE PESADA)**  
90° O-RING METRIC  
FEMALE SWEPT ELBOW  
24° CONE - S TYPE


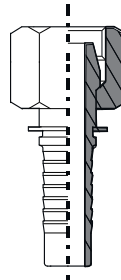
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 182202.0314    | 3/16"        | M14 x 1.5       |
| 182202.0316    | 3/16"        | M16 x 1.5       |
| 182202.0414    | 1/4"         | M14 x 1.5       |
| 182202.0416    | 1/4"         | M16 x 1.5       |
| 182202.0418    | 1/4"         | M18 x 1.5       |
| 182202.0420    | 1/4"         | M20 x 1.5       |
| 182202.0518    | 5/16"        | M18 x 1.5       |
| 182202.0520    | 5/16"        | M20 x 1.5       |
| 182202.0618    | 3/8"         | M18 x 1.5       |
| 182202.0620    | 3/8"         | M20 x 1.5       |
| 182202.0622    | 3/8"         | M22 x 1.5       |
| 182202.0822    | 1/2"         | M22 x 1.5       |
| 182202.0824    | 1/2"         | M24 x 1.5       |
| 182202.1030    | 5/8"         | M30 x 2         |
| 182202.1230    | 3/4"         | M30 x 2         |
| 182202.1236    | 3/4"         | M36 x 2         |
| 182202.1636    | 1"           | M36 x 2         |
| 182202.1642    | 1"           | M42 x 2         |
| 182202.2042    | 1.1/4"       | M42 x 2         |
| 182202.2052    | 1.1/4"       | M52 x 2         |
| 182202.2452    | 1.1/2"       | M52 x 2         |
| 161201.2452    | 1.1/2"       | M52 x 2         |

**CURVA 45°  
MÉTRICA CONE 24°  
(SÉRIE PESADA)**  
45° O-RING METRIC  
FEMALE SWEPT ELBOW  
24° CONE - S TYPE


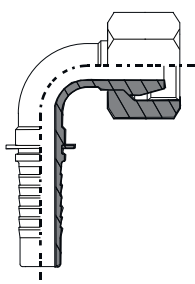
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 202203.0314    | 3/16"        | M14 x 1.5       |
| 202203.0316    | 3/16"        | M16 x 1.5       |
| 202203.0414    | 1/4"         | M14 x 1.5       |
| 202203.0416    | 1/4"         | M16 x 1.5       |
| 202203.0418    | 1/4"         | M18 x 1.5       |
| 202203.0420    | 1/4"         | M20 x 1.5       |
| 202203.0518    | 5/16"        | M18 x 1.5       |
| 202203.0520    | 5/16"        | M20 x 1.5       |
| 202203.0618    | 3/8"         | M18 x 1.5       |
| 202203.0620    | 3/8"         | M20 x 1.5       |
| 202203.0622    | 3/8"         | M22 x 1.5       |
| 202203.0822    | 1/2"         | M22 x 1.5       |
| 202203.0824    | 1/2"         | M24 x 1.5       |
| 202203.1030    | 5/8"         | M30 x 2         |
| 202203.1230    | 3/4"         | M30 x 2         |
| 202203.1236    | 3/4"         | M36 x 2         |
| 202203.1636    | 1"           | M36 x 2         |
| 202203.1642    | 1"           | M42 x 2         |
| 202203.2042    | 1.1/4"       | M42 x 2         |
| 202203.2052    | 1.1/4"       | M52 x 2         |
| 202203.2452    | 1.1/2"       | M52 x 2         |

**MACHO ROSCA  
FRANCESA CONE 24°  
METRIC MALE 24° CONE  
FRENCH TYPE**


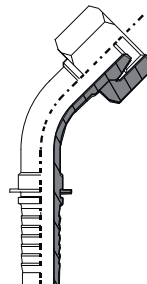
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 160801.0420    | 1/4"         | M20x1.5         |
| 160801.0520    | 5/16"        | M20x1.5         |
| 160801.0620    | 3/8"         | M20x1.5         |
| 160801.0624    | 3/8"         | M24x1.5         |
| 160801.0824    | 1/2"         | M24x1.5         |
| 160801.0830    | 1/2"         | M30x1.5         |
| 160801.1030    | 5/8"         | M30x1.5         |
| 160801.1230    | 3/4"         | M30x1.5         |
| 160801.1236    | 3/4"         | M36x1.5         |
| 160801.1645    | 1"           | M45x1.5         |
| 160801.2045    | 1.1/4"       | M45x1.5         |

**FÊMEA MÉTRICA  
CONE 24° (FRANCESA)  
STRAIGHT METRIC  
FEMALE 24° CONE  
FRENCH TYPE**


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 142800.0420    | 1/4"         | M20 x 1.5       |
| 142800.0520    | 5/16"        | M20 x 1.5       |
| 142800.0620    | 3/8"         | M20 x 1.5       |
| 142800.0624    | 3/8"         | M24 x 1.5       |
| 142800.0824    | 1/2"         | M24 x 1.5       |
| 142800.0830    | 1/2"         | M30 x 1.5       |
| 142800.1030    | 5/8"         | M30 x 1.5       |
| 142800.1230    | 3/4"         | M30 x 1.5       |
| 142800.1236    | 3/4"         | M36 x 1.5       |
| 142800.1645    | 1"           | M45 x 1.5       |
| 142800.2045    | 1.1/4"       | M45 x 1.5       |

**FÊMEA MÉTRICA  
CONE 24°  
(FRANCESA)  
90° METRIC  
FEMALE SWEPT ELBOW  
24° CONE - FRENCH TYPE**


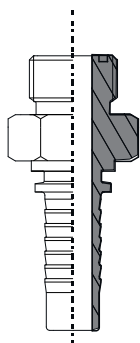
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 182802.0420    | 1/4"         | M20x1.5         |
| 182802.0520    | 5/16"        | M20x1.5         |
| 182802.0620    | 3/8"         | M20x1.5         |
| 182802.0624    | 3/8"         | M24x1.5         |
| 182802.0824    | 1/2"         | M24x1.5         |
| 182802.0830    | 1/2"         | M30x1.5         |
| 182802.1030    | 5/8"         | M30x1.5         |
| 182802.1230    | 3/4"         | M30x1.5         |
| 182802.1236    | 3/4"         | M36x1.5         |
| 182802.1645    | 1"           | M45x1.5         |
| 182802.2045    | 1.1/4"       | M45x1.5         |

**CURVA 45° MÉTRICA  
CONE 24° (FRANCESA)  
45° METRIC  
FEMALE SWEPT ELBOW  
24° CONE - FRENCH TYPE**


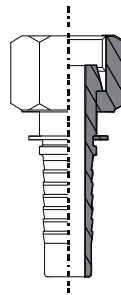
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 202803.0420    | 1/4"         | M20 x 1.5       |
| 202803.0520    | 5/16"        | M20 x 1.5       |
| 202803.0620    | 3/8"         | M20 x 1.5       |
| 202803.0624    | 3/8"         | M24 x 1.5       |
| 202803.0820    | 1/2"         | M24 x 1.5       |
| 202803.0820    | 1/2"         | M30 x 1.5       |
| 202803.1020    | 5/8"         | M30 x 1.5       |
| 202803.1220    | 3/4"         | M30 x 1.5       |
| 202803.1220    | 3/4"         | M36 x 1.5       |
| 202803.1620    | 1"           | M45 x 1.5       |
| 202803.2020    | 1.1/4"       | M45 x 1.5       |



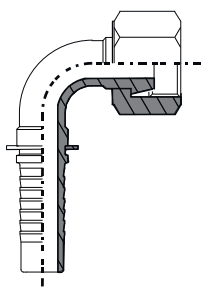
## TERMINAIS DE PRENSAR - ORFS · HYDRAULIC FITTINGS - ORFS

MACHO ORFS  
ORFS MALE

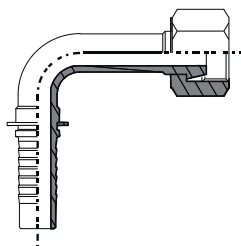
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 163601.0404    | 1/4"         | 9/16"           |
| 163601.0406    | 1/4"         | 11/16"          |
| 163601.0506    | 5/16"        | 11/16"          |
| 163601.0606    | 3/8"         | 11/16"          |
| 163601.0608    | 3/8"         | 13/16"          |
| 163601.0808    | 3/8"         | 1"              |
| 163601.0810    | 1/2"         | 13/16"          |
| 163601.0812    | 1/2"         | 1"              |
| 163601.1010    | 1/2"         | 1.3/16"         |
| 163601.1012    | 5/8"         | 1"              |
| 163601.1212    | 5/8"         | 1.3/16"         |
| 163601.1216    | 3/4"         | 1.3/16"         |
| 163601.1616    | 3/4"         | 1.7/16"         |
| 163601.1620    | 1"           | 1.7/16"         |
| 163601.2020    | 1.1/4"       | 1.11/16"        |
| 163601.2424    | 1.1/2"       | 2"              |

FÊMEA ORFS  
STRAIGHT ORFS FEMALE

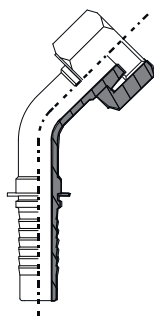
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 143600.0404    | 1/4"         | 9/16"           |
| 143600.0406    | 1/4"         | 11/16"          |
| 143600.0506    | 5/16"        | 11/16"          |
| 143600.0606    | 3/8"         | 11/16"          |
| 143600.0608    | 3/8"         | 13/16"          |
| 143600.0808    | 1/2"         | 13/16"          |
| 143600.0810    | 1/2"         | 1"              |
| 143600.0812    | 1/2"         | 1.3/16"         |
| 143600.1010    | 5/8"         | 1"              |
| 143600.1012    | 5/8"         | 1.3/16"         |
| 143600.1212    | 3/4"         | 1.3/16"         |
| 143600.1216    | 3/4"         | 1.7/16"         |
| 143600.1616    | 1"           | 1.7/16"         |
| 143600.1620    | 1"           | 1.11/16"        |
| 143600.2020    | 1.1/4"       | 1.11/16"        |
| 143600.2424    | 1.1/2"       | 2"              |

FÊMEA ORFS 90°  
90° ORFS FEMALE

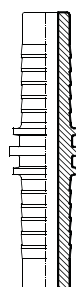
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 183602.0404    | 1/4"         | 9/16"           |
| 183602.0406    | 1/4"         | 11/16"          |
| 183602.0506    | 5/16"        | 11/16"          |
| 183602.0606    | 3/8"         | 11/16"          |
| 183602.0608    | 3/8"         | 13/16"          |
| 183602.0808    | 1/2"         | 13/16"          |
| 183602.0810    | 1/2"         | 1"              |
| 183602.0812    | 1/2"         | 1.3/16"         |
| 183602.1010    | 5/8"         | 1"              |
| 183602.1012    | 5/8"         | 1.3/16"         |
| 183602.1212    | 3/4"         | 1.3/16"         |
| 183602.1216    | 3/4"         | 1.7/16"         |
| 183602.1616    | 1"           | 1.7/16"         |
| 183602.1620    | 1"           | 1.11/16"        |
| 183602.2020    | 1.1/4"       | 1.11/16"        |
| 183602.2424    | 1.1/2"       | 2"              |

CURVA 90° ORFS LONGO  
90° ORFS FEMALE  
LONG DROP

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 183605.0404    | 1/4"         | 9/16"           |
| 183605.0606    | 3/8"         | 11/16"          |
| 183605.0608    | 3/8"         | 13/16"          |
| 183605.0808    | 1/2"         | 13/16"          |
| 183605.0810    | 1/2"         | 1"              |
| 183605.1010    | 5/8"         | 1"              |
| 183605.1012    | 5/8"         | 1.3/16"         |
| 183605.1212    | 3/4"         | 1.3/16"         |
| 183605.1616    | 1"           | 1.7/16"         |

FÊMEA 45° ORFS  
45° ORFS FEMALE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 203603.0404    | 1/4"         | 9/16"           |
| 203603.0406    | 1/4"         | 11/16"          |
| 203603.0506    | 5/16"        | 11/16"          |
| 203603.0606    | 3/8"         | 11/16"          |
| 203603.0608    | 3/8"         | 13/16"          |
| 203603.0808    | 1/2"         | 13/16"          |
| 203603.0810    | 1/2"         | 1"              |
| 203603.0812    | 1/2"         | 1.3/16"         |
| 203603.1010    | 5/8"         | 1"              |
| 203603.1012    | 5/8"         | 1.3/16"         |
| 203603.1212    | 3/4"         | 1.3/16"         |
| 203603.1216    | 3/4"         | 1.7/16"         |
| 203603.1616    | 1"           | 1.7/16"         |
| 203603.2020    | 1"           | 1.11/16"        |
| 203603.2020    | 1.1/4"       | 1.11/16"        |
| 203603.2424    | 1.1/2"       | 2"              |

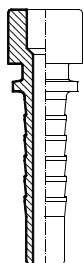
UNIÃO MANGUEIRA  
DOUBLE CONECTOR

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 280300.04      | 1/4"         | 04        |
| 280300.05      | 5/16"        | 05        |
| 280300.06      | 3/8"         | 06        |
| 280300.08      | 1/2"         | 08        |
| 280300.10      | 5/8"         | 10        |
| 280300.12      | 3/4"         | 12        |
| 280300.16      | 1"           | 16        |
| 280300.20      | 1.1/4"       | 20        |

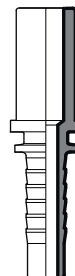
\* Todos os artigos disponíveis em AISI 316.

\* All items available in AISI 316.

## TERMINAIS DE PRENSAR · HYDRAULIC FITTINGS

**TERMINAL PARA  
SOLDAR**  
BRAZING TAIL


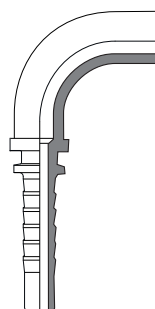
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 243100.0312    | 3/16"        | 03        |
| 243100.0412    | 1/4"         | 04        |
| 243100.0514    | 5/16"        | 05        |
| 243100.0516    | 3/8"         | 05        |
| 243100.0616    | 3/8"         | 06        |
| 243100.0820    | 1/2"         | 08        |
| 243100.1024    | 5/8"         | 10        |
| 243100.1226    | 3/4"         | 12        |
| 243100.1632    | 1"           | 16        |
| 243100.2040    | 1.1/4"       | 20        |
| 243100.2446    | 1.1/2"       | 24        |
| 243100.3260    | 2"           | 32        |

**TUBULAR  
(SÉRIE FRANCESA)**  
STRAIGHT STANDPIPE  
(FRENCH TYPE)


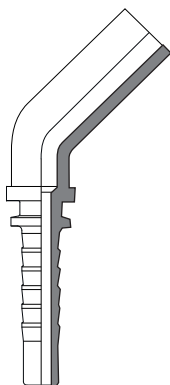
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 242005.0413    | 1/4"         | 13        |
| 242005.0513    | 5/16"        | 13        |
| 242005.0613    | 3/8"         | 13        |
| 242005.0617    | 3/8"         | 17        |
| 242005.0817    | 1/2"         | 17        |
| 242005.0821    | 1/2"         | 21        |
| 242005.1021    | 5/8"         | 21        |
| 242005.1221    | 3/4"         | 21        |
| 242005.1227    | 3/4"         | 27        |
| 242005.1633    | 1"           | 33        |
| 242005.2033    | 1.1/4"       | 33        |

**PONTEIRA TUBULAR**  
STRAIGHT STANDPIPE

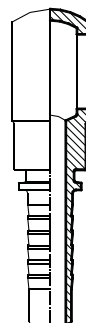

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 241002.0306    | 3/16"        | 06        |
| 241002.0308    | 3/16"        | 08        |
| 241002.0406    | 1/4"         | 06        |
| 241002.0408    | 1/4"         | 08        |
| 241002.0410    | 1/4"         | 10        |
| 241002.0412    | 1/4"         | 12        |
| 241002.0508    | 5/16"        | 08        |
| 241002.0510    | 5/16"        | 10        |
| 241002.0512    | 5/16"        | 12        |
| 241002.0610    | 3/8"         | 10        |
| 241002.0612    | 3/8"         | 12        |
| 241002.0614    | 3/8"         | 14        |
| 241002.0615    | 3/8"         | 15        |
| 241002.0812    | 1/2"         | 12        |
| 241002.0814    | 1/2"         | 14        |
| 241002.0815    | 1/2"         | 15        |
| 241002.0816    | 1/2"         | 16        |
| 241002.0818    | 1/2"         | 18        |
| 241002.1018    | 5/8"         | 18        |
| 241002.1020    | 5/8"         | 20        |
| 241002.1022    | 5/8"         | 22        |
| 241002.1218    | 3/4"         | 18        |
| 241002.1220    | 3/4"         | 20        |
| 241002.1222    | 3/4"         | 22        |
| 241002.1225    | 3/4"         | 25        |
| 241002.1625    | 1"           | 25        |
| 241002.1628    | 1"           | 28        |
| 241002.1630    | 1"           | 30        |
| 241002.2030    | 1.1/4"       | 30        |
| 241002.2035    | 1.1/4"       | 35        |
| 241002.2038    | 1.1/4"       | 38        |
| 241002.2438    | 1.1/2"       | 38        |
| 241002.2442    | 1.1/2"       | 42        |

**TUBULAR 90°**  
90° STANDPIPE


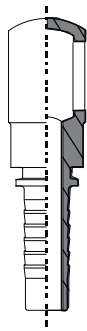
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 241903.0306    | 3/16"        | 06        |
| 241903.0308    | 3/16"        | 08        |
| 241903.0406    | 1/4"         | 06        |
| 241903.0408    | 1/4"         | 08        |
| 241903.0410    | 1/4"         | 10        |
| 241903.0412    | 1/4"         | 12        |
| 241903.0508    | 5/16"        | 08        |
| 241903.0510    | 5/16"        | 10        |
| 241903.0512    | 5/16"        | 12        |
| 241903.0610    | 3/8"         | 10        |
| 241903.0612    | 3/8"         | 12        |
| 241903.0614    | 3/8"         | 14        |
| 241903.0615    | 3/8"         | 15        |
| 241903.0812    | 1/2"         | 12        |
| 241903.0814    | 1/2"         | 14        |
| 241903.0815    | 1/2"         | 15        |
| 241903.0816    | 1/2"         | 16        |
| 241903.0818    | 1/2"         | 18        |
| 241903.1018    | 5/8"         | 18        |
| 241903.1020    | 5/8"         | 20        |
| 241903.1022    | 5/8"         | 22        |
| 241903.1218    | 3/4"         | 18        |
| 241903.1220    | 3/4"         | 20        |
| 241903.1222    | 3/4"         | 22        |
| 241903.1225    | 3/4"         | 25        |
| 241903.1625    | 1"           | 25        |
| 241903.1628    | 1"           | 28        |
| 241903.1630    | 1"           | 30        |

**TUBULAR 45°**  
45° STANDPIPE

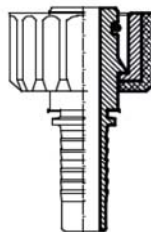
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 241402.0306    | 3/16"        | 06        |
| 241402.0308    | 3/16"        | 08        |
| 241402.0406    | 1/4"         | 06        |
| 241402.0408    | 1/4"         | 08        |
| 241402.0410    | 1/4"         | 10        |
| 241402.0412    | 1/4"         | 12        |
| 241402.0508    | 5/16"        | 08        |
| 241402.0510    | 5/16"        | 10        |
| 241402.0512    | 5/16"        | 12        |
| 241402.0610    | 3/8"         | 10        |
| 241402.0612    | 3/8"         | 12        |
| 241402.0614    | 3/8"         | 14        |
| 241402.0615    | 3/8"         | 15        |
| 241402.0812    | 1/2"         | 12        |
| 241402.0814    | 1/2"         | 14        |
| 241402.0815    | 1/2"         | 15        |
| 241402.0816    | 1/2"         | 16        |
| 241402.0818    | 1/2"         | 18        |
| 241402.1018    | 5/8"         | 18        |
| 241402.1020    | 5/8"         | 20        |
| 241402.1022    | 5/8"         | 22        |
| 241402.1218    | 3/4"         | 18        |
| 241402.1220    | 3/4"         | 20        |
| 241402.1222    | 3/4"         | 22        |
| 241402.1225    | 3/4"         | 25        |
| 241402.1625    | 1"           | 25        |
| 241402.1628    | 1"           | 28        |
| 241402.1630    | 1"           | 30        |

**BANJO BSP**  
BSP BANJO

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 242800.0302    | 3/16"        | 1/8"      |
| 242800.0304    | 3/16"        | 1/4"      |
| 242800.0402    | 1/4"         | 1/8"      |
| 242800.0404    | 1/4"         | 1/4"      |
| 242800.0406    | 1/4"         | 3/8"      |
| 242800.0408    | 1/4"         | 1/2"      |
| 242800.0504    | 5/16"        | 1/4"      |
| 242800.0506    | 5/16"        | 3/8"      |
| 242800.0508    | 5/16"        | 1/2"      |
| 242800.0604    | 3/8"         | 1/4"      |
| 242800.0606    | 3/8"         | 3/8"      |
| 242800.0608    | 3/8"         | 1/2"      |
| 242800.0806    | 1/2"         | 3/8"      |
| 242800.0808    | 1/2"         | 1/2"      |
| 242800.0810    | 1/2"         | 5/8"      |
| 242800.0812    | 1/2"         | 3/4"      |
| 242800.1010    | 5/8"         | 5/8"      |
| 242800.1012    | 5/8"         | 3/4"      |
| 242800.1212    | 3/4"         | 3/4"      |
| 242800.1216    | 3/4"         | 1"        |
| 242800.1616    | 1"           | 1"        |
| 242800.2020    | 1.1/4"       | 1.1/4"    |

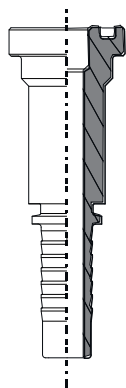
**BANJO MÉTRICO**  
METRIC BANJO

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 242010.0310    | 3/16"        | M10       |
| 242010.0312    | 3/16"        | M12       |
| 242010.0314    | 3/16"        | M14       |
| 242010.0410    | 1/4"         | M10       |
| 242010.0412    | 1/4"         | M12       |
| 242010.0414    | 1/4"         | M14       |
| 242010.0416    | 1/4"         | M16       |
| 242010.0418    | 1/4"         | M18       |
| 242010.0512    | 5/16"        | M12       |
| 242010.0514    | 5/16"        | M14       |
| 242010.0516    | 5/16"        | M16       |
| 242010.0518    | 5/16"        | M18       |
| 242010.0520    | 5/16"        | M20       |
| 242010.0522    | 5/16"        | M22       |
| 242010.0614    | 3/8"         | M14       |
| 242010.0616    | 3/8"         | M16       |
| 242010.0618    | 3/8"         | M18       |
| 242010.0620    | 3/8"         | M20       |
| 242010.0622    | 1/2"         | M22       |
| 242010.0818    | 1/2"         | M18       |
| 242010.0820    | 1/2"         | M20       |
| 242010.0822    | 1/2"         | M22       |
| 242010.0826    | 1/2"         | M26       |
| 242010.1022    | 5/8"         | M22       |
| 242010.1026    | 5/8"         | M26       |
| 242010.1226    | 3/4"         | M26       |
| 242010.1230    | 3/4"         | M30       |
| 242010.1630    | 1"           | M30       |

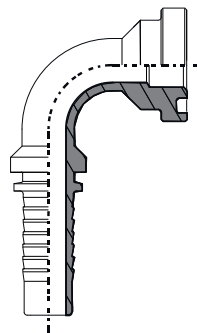
**FÊMEA**  
MÁQUINA LAVAR  
FEMALE FOR  
HIGH HOSE PRESSURE  
WATER JET CLEANER

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| Cone Ø 14mm    |              |                 |
| 280200.0422    | 1/4"         | M22 x1.5        |
| 280200.0522    | 5/16"        | M22 x1.5        |
| 280200.0622    | 3/8"         | M22 x1.5        |
| Cone Ø 15mm    |              |                 |
| 280250.0422    | 1/4"         | M22 x1.5        |
| 280250.0522    | 5/16"        | M22 x1.5        |
| 280250.0622    | 3/8"         | M22 x1.5        |

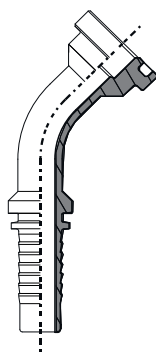
## TERMINAIS DE PRENSAR · HYDRAULIC FITTINGS

**FLANGE DIRETA SAE  
3000 PSI  
STRAIGHT FLANGE 3000  
PSI**

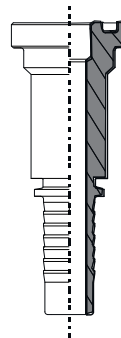
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 223100.0808    | 1/2"         | 1/2"      |
| 223100.0810    | 1/2"         | 5/8"      |
| 223100.0812    | 1/2"         | 3/4"      |
| 223100.1008    | 5/8"         | 1/2"      |
| 223100.1010    | 5/8"         | 5/8"      |
| 223100.1012    | 5/8"         | 3/4"      |
| 223100.1208    | 3/4"         | 1/2"      |
| 223100.1212    | 3/4"         | 3/4"      |
| 223100.1216    | 3/4"         | 1"        |
| 223100.1612    | 1"           | 3/4"      |
| 223100.1616    | 1"           | 1"        |
| 223100.1620    | 1"           | 1.1/4"    |
| 223100.2020    | 1.1/4"       | 1"        |
| 223100.2024    | 1.1/4"       | 1.1/4"    |
| 223100.2424    | 1.1/4"       | 1.1/2"    |
| 223100.2432    | 1.1/2"       | 1.1/2"    |
| 223100.2432    | 1.1/2"       | 2"        |
| 223100.3232    | 2"           | 2"        |

**CURVA 90° FLANGE 3000  
PSI  
90° FLANGE 3000 PSI**

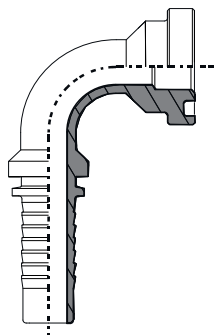
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 223900.0808    | 1/2"         | 1/2"      |
| 223900.0810    | 1/2"         | 5/8"      |
| 223900.0812    | 1/2"         | 3/4"      |
| 223900.1008    | 5/8"         | 1/2"      |
| 223900.1010    | 5/8"         | 5/8"      |
| 223900.1012    | 5/8"         | 3/4"      |
| 223900.1208    | 3/4"         | 1/2"      |
| 223900.1212    | 3/4"         | 3/4"      |
| 223900.1216    | 3/4"         | 1"        |
| 223900.1612    | 1"           | 3/4"      |
| 223900.1616    | 1"           | 1"        |
| 223900.1620    | 1"           | 1.1/4"    |
| 223900.2016    | 1.1/4"       | 1"        |
| 223900.2020    | 1.1/4"       | 1.1/4"    |
| 223900.2024    | 1.1/4"       | 1.1/2"    |
| 223900.2424    | 1.1/2"       | 1.1/2"    |
| 223900.2432    | 1.1/2"       | 2"        |
| 223900.3232    | 2"           | 2"        |

**CURVA 45° FLANGE 3000  
PSI  
45° FLANGE 3000 PSI**

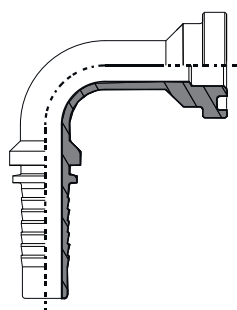
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 223400.0808    | 1/2"         | 1/2"      |
| 223400.0810    | 1/2"         | 5/8"      |
| 223400.0812    | 1/2"         | 3/4"      |
| 223400.1008    | 5/8"         | 1/2"      |
| 223400.1010    | 5/8"         | 5/8"      |
| 223400.1012    | 5/8"         | 3/4"      |
| 223400.1208    | 3/4"         | 1/2"      |
| 223400.1212    | 3/4"         | 3/4"      |
| 223400.1216    | 3/4"         | 1"        |
| 223400.1612    | 1"           | 3/4"      |
| 223400.1616    | 1"           | 1"        |
| 223400.1620    | 1"           | 1.1/4"    |
| 223400.2016    | 1.1/4"       | 1"        |
| 223400.2020    | 1.1/4"       | 1.1/4"    |
| 223400.2024    | 1.1/4"       | 1.1/2"    |
| 223400.2424    | 1.1/2"       | 1.1/2"    |
| 223400.2432    | 1.1/2"       | 2"        |
| 223400.3232    | 2"           | 2"        |

**FLANGE 6000 PSI  
STRAIGHT FLANGE 6000  
PSI**

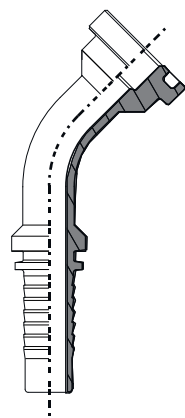
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 226100.0808    | 1/2"         | 1/2"      |
| 226100.0812    | 1/2"         | 3/4"      |
| 226100.1008    | 5/8"         | 1/2"      |
| 226100.1012    | 5/8"         | 3/4"      |
| 226100.1208    | 3/4"         | 1/2"      |
| 226100.1212    | 3/4"         | 3/4"      |
| 226100.1216    | 3/4"         | 1"        |
| 226100.1612    | 1"           | 3/4"      |
| 226100.1616    | 1"           | 1"        |
| 226100.1620    | 1"           | 1.1/4"    |
| 226100.2016    | 1.1/4"       | 1"        |
| 226100.2020    | 1.1/4"       | 1.1/4"    |
| 226100.2024    | 1.1/4"       | 1.1/2"    |
| 226100.2424    | 1.1/2"       | 1.1/2"    |
| 226100.2432    | 1.1/2"       | 2"        |
| 226100.3232    | 2"           | 2"        |

**CURVA 90° FLANGE 6000 PSI**  
 90° FLANGE 6000 PSI


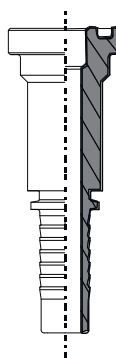
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 226900.0808    | 1/2"         | 1/2"      |
| 226900.0812    | 1/2"         | 3/4"      |
| 226900.1008    | 5/8"         | 1/2"      |
| 226900.1012    | 5/8"         | 3/4"      |
| 226900.1208    | 3/4"         | 1/2"      |
| 226900.1212    | 3/4"         | 3/4"      |
| 226900.1216    | 3/4"         | 1"        |
| 226900.1612    | 1"           | 3/4"      |
| 226900.1616    | 1"           | 1"        |
| 226900.1620    | 1"           | 1.1/4"    |
| 226900.2016    | 1.1/4"       | 1"        |
| 226900.2020    | 1.1/4"       | 1.1/4"    |
| 226900.2024    | 1.1/4"       | 1.1/2"    |
| 226900.2424    | 1.1/2"       | 1.1/2"    |
| 226900.2432    | 1.1/2"       | 2"        |
| 226900.3232    | 2"           | 2"        |

**CURVA 90° FLANGE 6000 PSI LONGA**  
 90° FLANGE 6000 PSI  
 LONG DROP


| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 226950.1212    | 3/4"         | 3/4"      |
| 226950.1216    | 3/4"         | 1"        |
| 226950.1616    | 1"           | 1"        |
| 226950.2020    | 1.1/4"       | 1.1/4"    |
| 226950.2424    | 1.1/2"       | 1.1/2"    |

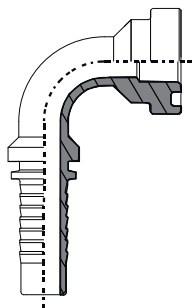
**CURVA 45° FLANGE 6000 PSI**  
 45° FLANGE 6000 PSI


| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 226400.0808    | 1/2"         | 1/2"      |
| 226400.0812    | 1/2"         | 3/4"      |
| 226400.1008    | 5/8"         | 1/2"      |
| 226400.1012    | 5/8"         | 3/4"      |
| 226400.1208    | 3/4"         | 1/2"      |
| 226400.1212    | 3/4"         | 3/4"      |
| 226400.1216    | 3/4"         | 1"        |
| 226400.1612    | 1"           | 3/4"      |
| 226400.1616    | 1"           | 1"        |
| 226400.1620    | 1"           | 1.1/4"    |
| 226400.2016    | 1.1/4"       | 1"        |
| 226400.2020    | 1.1/4"       | 1.1/4"    |
| 226400.2024    | 1.1/4"       | 1.1/2"    |
| 226400.2424    | 1.1/2"       | 1.1/2"    |
| 226400.2432    | 1.1/2"       | 2"        |
| 226400.3232    | 2"           | 2"        |

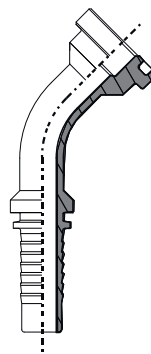
**FLANGE DIREITA SUPERCAT**  
 STRAIGHT FLANGE  
 SUPERCAT


| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 227100.1212    | 3/4"         | 3/4"      |
| 227100.1216    | 3/4"         | 1"        |
| 227100.1616    | 1"           | 1"        |
| 227100.1620    | 1"           | 1.1/4"    |
| 227100.2020    | 1.1/4"       | 1.1/4"    |
| 227100.2024    | 1.1/4"       | 1.1/2"    |
| 227100.2424    | 1.1/2"       | 1.1/2"    |

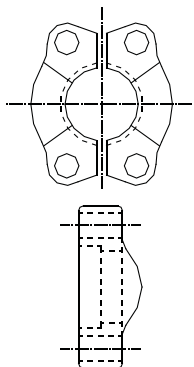
## TERMINAIS DE PRENSAR · HYDRAULIC FITTINGS

**CURVA 90° SUPERCAT**  
90° SUPERCAT FLANGE

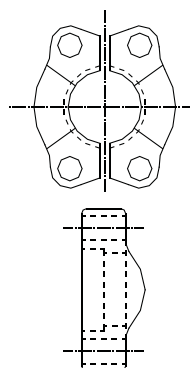
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 227900.1212    | 3/4"         | 3/4"      |
| 227900.1216    | 3/4"         | 1"        |
| 227900.1616    | 1"           | 1"        |
| 227900.1620    | 1"           | 1.1/4"    |
| 227900.2020    | 1.1/4"       | 1.1/4"    |
| 227900.2024    | 1.1/4"       | 1.1/2"    |
| 227900.2424    | 1.1/2"       | 1.1/2"    |

**CURVA 45° SUPERCAT**  
45° SUPERCAT FLANGE

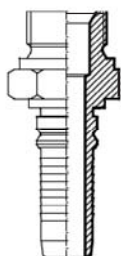
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 227400.1212    | 3/4"         | 3/4"      |
| 227400.1216    | 3/4"         | 1"        |
| 227400.1616    | 1"           | 1"        |
| 227400.1620    | 1"           | 1.1/4"    |
| 227400.2020    | 1.1/4"       | 1.1/4"    |
| 227400.2024    | 1.1/4"       | 1.1/2"    |
| 227400.2424    | 1.1/2"       | 1.1/2"    |

**MEIA LUA 3000 PSI**  
SLIP FLANGE CLAMPS  
3000 PSI

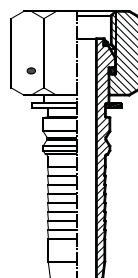
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 222100.08      | 1/2"         | 1/2"      |
| 222100.12      | 3/4"         | 3/4"      |
| 222100.16      | 1"           | 1"        |
| 222100.20      | 1.1/4"       | 1.1/4"    |
| 222100.24      | 1.1/2"       | 1.1/2"    |
| 222100.32      | 2"           | 2"        |

**MEIA LUA 6000 PSI**  
SLIP FLANGE CLAMPS  
6000 PSI

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| 222200.08      | 1/2"         | 1/2"      |
| 222200.12      | 3/4"         | 3/4"      |
| 222200.16      | 1"           | 1"        |
| 222200.20      | 1.1/4"       | 1.1/4"    |
| 222200.24      | 1.1/2"       | 1.1/2"    |
| 222200.32      | 2"           | 2"        |

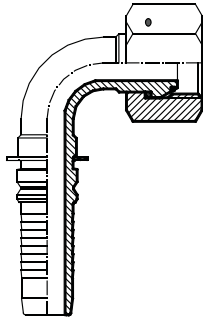
**INTERLOCK MACHO BSP**  
CONE 60°  
BSP MALE  
PARALLEL 60° CONE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT160101.1212  | 3/4"         | 3/4"            |
| IT160101.1616  | 1"           | 1"              |
| IT160101.1620  | 1"           | 1.1/4"          |
| IT160101.2020  | 1.1/4"       | 1.1/4"          |
| IT160101.2424  | 1.1/2"       | 1.1/2"          |
| IT160101.3232  | 2"           | 2"              |

**INTERLOCK FÊMEA BSP**  
CONE 60°  
BSP FEMALE 60° CONE

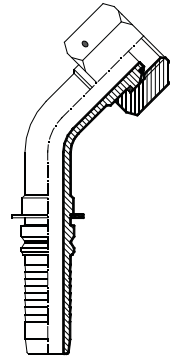
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT140100.1212  | 3/4"         | 3/4"            |
| IT140100.1616  | 1"           | 1"              |
| IT140100.1620  | 1"           | 1.1/4"          |
| IT140100.2020  | 1.1/4"       | 1.1/4"          |
| IT140100.2424  | 1.1/2"       | 1.1/2"          |
| IT140100.3232  | 2"           | 2"              |

**INTERLOCK**  
CURVA 90° BSP CONE 60°  
90° FEMALE BSP 60°  
CONE



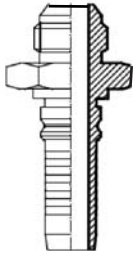
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT180102.1212  | 3/4"         | 3/4"            |
| IT180102.1616  | 1"           | 1"              |
| IT180102.1620  | 1"           | 1.1/4"          |
| IT180102.2020  | 1.1/4"       | 1.1/4"          |
| IT180102.2424  | 1.1/2"       | 1.1/2"          |
| IT180102.3232  | 2"           | 2"              |

**INTERLOCK**  
CURVA 45° BSP  
CONE 60°  
45° FEMALE BSP  
60° CONE



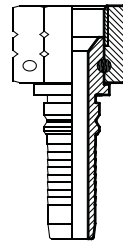
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT200103.1212  | 3/4"         | 3/4"            |
| IT200103.1616  | 1"           | 1"              |
| IT200103.1620  | 1"           | 1.1/4"          |
| IT200103.2020  | 1.1/4"       | 1.1/4"          |
| IT200103.2424  | 1.1/2"       | 1.1/2"          |
| IT200103.3232  | 2"           | 2"              |

**INTERLOCK**  
MACHO JIC CONE 74°  
JIC MALE 74° CONE



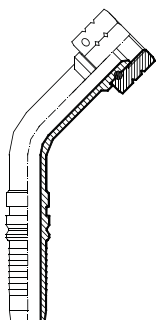
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT160501.1212  | 3/4"         | 1.1/16"         |
| IT160501.1214  | 3/4"         | 1.3/16"         |
| IT160501.1216  | 3/4"         | 1.5/16"         |
| IT160501.1616  | 1"           | 1.5/16"         |
| IT160501.1620  | 1"           | 1.5/8"          |
| IT160501.2020  | 1.1/4"       | 1.5/8"          |
| IT160501.2024  | 1.1/4"       | 1.7/8"          |
| IT160501.2424  | 1.1/2"       | 1.7/8"          |
| IT160501.3232  | 2"           | 2.1/2"          |

**INTERLOCK**  
FEMEA JIC CONE 74° JIC  
STRAIGHT FEMALE  
74° CONE  
(THRUST WIRE NUT)



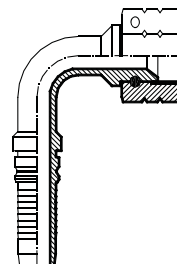
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT140500.1212  | 3/4"         | 1.1/16"         |
| IT140500.1214  | 3/4"         | 1.3/16"         |
| IT140500.1216  | 3/4"         | 1.5/16"         |
| IT140500.1616  | 1"           | 1.5/16"         |
| IT140500.1620  | 1"           | 1.5/8"          |
| IT140500.2020  | 1.1/4"       | 1.5/8"          |
| IT140500.2024  | 1.1/4"       | 1.7/8"          |
| IT140500.2424  | 1.1/2"       | 1.7/8"          |
| IT140500.3232  | 2"           | 2.1/2"          |

**INTERLOCK**  
CURVA 45° JIC CONE 74°  
45° JIC FEMALE  
SWEEP ELBOW 74° CONE  
(THRUST-WIRE NUT)



| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT200503.1212  | 3/4"         | 1.1/16"         |
| IT200503.1214  | 3/4"         | 1.3/16"         |
| IT200503.1216  | 3/4"         | 1.5/16"         |
| IT200503.1616  | 1"           | 1.5/16"         |
| IT200503.1620  | 1"           | 1.5/8"          |
| IT200503.2020  | 1.1/4"       | 1.5/8"          |
| IT200503.2024  | 1.1/4"       | 1.7/8"          |
| IT200503.2424  | 1.1/2"       | 1.7/8"          |
| IT200503.3232  | 2"           | 2.1/2"          |

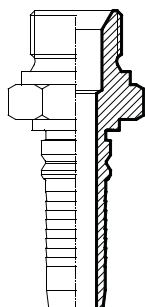
**INTERLOCK**  
CURVA 90° JIC CONE 74°  
90° JIC FEMALE  
SWEEP ELBOW 74° CONE  
(THRUST-WIRE NUT)



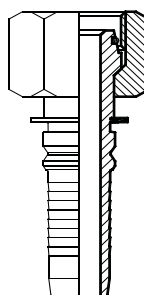
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT180502.1212  | 3/4"         | 1.1/16"         |
| IT180502.1214  | 3/4"         | 1.3/16"         |
| IT180502.1216  | 3/4"         | 1.5/16"         |
| IT180502.1616  | 1"           | 1.5/16"         |
| IT180502.1620  | 1"           | 1.5/8"          |
| IT180502.2020  | 1.1/4"       | 1.5/8"          |
| IT180502.2024  | 1.1/4"       | 1.7/8"          |
| IT180502.2424  | 1.1/2"       | 1.7/8"          |
| IT180502.3232  | 2"           | 2.1/2"          |

\* Todos os artigos disponíveis em AISI 316.  
\* All items available in AISI 316.

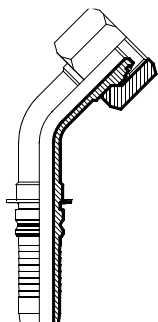
## TERMINAIS DE PRENSAR · HYDRAULIC FITTINGS

**INTERLOCK  
MACHO MÉTRICO CONE  
24° (SÉRIE S)**  
METRIC MALE  
24° CONE (S TYPE)


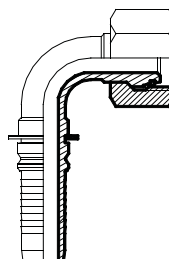
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT162201.1230  | 3/4"         | M30 x 2         |
| IT162201.1236  | 3/4"         | M36 x 2         |
| IT162201.1636  | 1"           | M36 x 2         |
| IT162201.1642  | 1"           | M42 x 2         |
| IT162201.2042  | 1.1/4"       | M42 x 2         |
| IT162201.2052  | 1.1/4"       | M52 x 2         |
| IT162201.2452  | 1.1/2"       | M52 x 2         |

**INTERLOCK  
FÊMEA MÉTRICA  
CONE 24° (SÉRIE S)**  
METRIC FEMALE  
24° CONE (S TYPE)


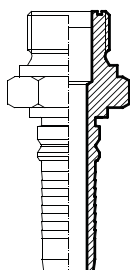
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT142200.1230  | 3/4"         | M30 x 2         |
| IT142200.1236  | 3/4"         | M36 x 2         |
| IT142200.1636  | 1"           | M36 x 2         |
| IT142200.1642  | 1"           | M42 x 2         |
| IT142200.2042  | 1.1/4"       | M42 x 2         |
| IT142200.2052  | 1.1/4"       | M52 x 2         |
| IT142200.2452  | 1.1/2"       | M52 x 2         |

**INTERLOCK  
FÊMEA 45° CONE  
24° (SÉRIE S)**  
45° O-RING FEMALE  
SWEEP ELBOW  
24° CONE (S TYPE)


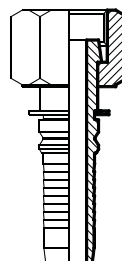
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT202203.1220  | 3/4"         | M30 x 2         |
| IT202203.1225  | 3/4"         | M36 x 2         |
| IT202203.1625  | 1"           | M36 x 2         |
| IT202203.1630  | 1"           | M42 x 2         |
| IT202203.2030  | 1.1/4"       | M42 x 2         |
| IT202203.2038  | 1.1/4"       | M52 x 2         |
| IT202203.2438  | 1.1/2"       | M52 x 2         |

**INTERLOCK  
FÊMEA 90° CONE 24°  
(SÉRIE S)**  
90° METRIC FEMALE  
24° CONE (S TYPE)


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT182202.1220  | 3/4"         | M30 x 2         |
| IT182202.1225  | 3/4"         | M36 x 2         |
| IT182202.1625  | 1"           | M36 x 2         |
| IT182202.1630  | 1"           | M42 x 2         |
| IT182202.2030  | 1.1/4"       | M42 x 2         |
| IT182202.2038  | 1.1/4"       | M52 x 2         |
| IT182202.2438  | 1.1/2"       | M52 x 2         |

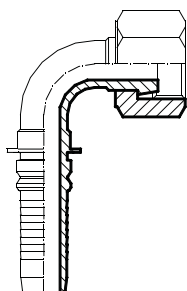
**INTERLOCK  
MACHO ORFS**  
ORFS MALE


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT163602.1215  | 3/4"         | 1.7/16"         |
| IT163606.1615  | 1"           | 1.7/16"         |
| IT163600.1621  | 1"           | 1.11/16"        |
| IT163600.2021  | 1.1/4"       | 1.11/16"        |

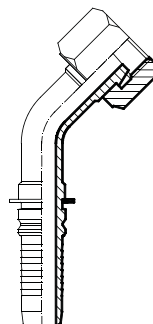
**INTERLOCK  
FÊMEA ORFS**  
ORFS FEMALE


| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT143600.1212  | 3/4"         | 1.7/16"         |
| IT143600.1616  | 1"           | 1.7/16"         |
| IT143600.1620  | 1"           | 1.11/16"        |
| IT143600.2020  | 1.1/4"       | 1.11/16"        |

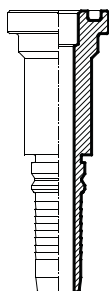


**INTERLOCK  
FÊMEA 90° ORFS**  
90° ORFS FEMALE


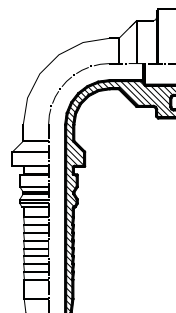
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT183602.1212  | 3/4"         | 1.3/16"         |
| IT183602.1216  | 3/4"         | 1.7/16"         |
| IT183602.1616  | 1"           | 1.7/16"         |
| IT183602.2020  | 1.1/4"       | 1.11/16"        |

**INTERLOCK  
FÊMEA 45° ORFS**  
45° ORFS FEMALE


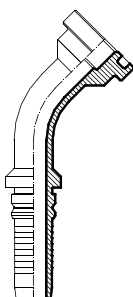
| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| IT203603.1212  | 3/4"         | 1.3/16"         |
| IT203603.1216  | 3/4"         | 1.7/16"         |
| IT203603.1616  | 1"           | 1.7/16"         |
| IT203603.2020  | 1.1/4"       | 1.11/16"        |

**INTERLOCK  
FLANGE DIREITA SAE  
3000 PSI**  
STRAIGHT FLANGE 3000  
PSI


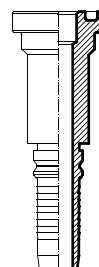
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT223100.1212  | 3/4"         | 3/4"      |
| IT223100.1216  | 3/4"         | 1"        |
| IT223100.1612  | 1"           | 3/4"      |
| IT223100.1616  | 1"           | 1"        |
| IT223100.1620  | 1"           | 1.1/4"    |
| IT223100.2020  | 1.1/4"       | 1.1/4"    |
| IT223100.2024  | 1.1/4"       | 1.1/2"    |
| IT223100.2424  | 1.1/2"       | 1.1/2"    |
| IT223100.2432  | 1.1/2"       | 2"        |
| IT223100.3232  | 2"           | 2"        |

**INTERLOCK  
FLANGE 90° SAE 3000  
SAE PSI**  
90° FLANGE 3000 PSI


| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT223900.1212  | 3/4"         | 3/4"      |
| IT223900.1216  | 3/4"         | 1"        |
| IT223900.1612  | 1"           | 3/4"      |
| IT223900.1616  | 1"           | 1"        |
| IT223900.1620  | 1"           | 1.1/4"    |
| IT223900.2020  | 1.1/4"       | 1.1/4"    |
| IT223900.2024  | 1.1/4"       | 1.1/2"    |
| IT223900.2424  | 1.1/2"       | 1.1/2"    |
| IT223900.2432  | 1.1/2"       | 2"        |
| IT223900.3232  | 2"           | 2"        |

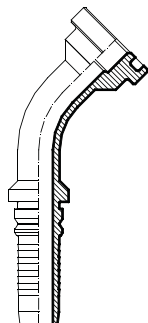
**INTERLOCK  
FLANGE 45° SAE 3000 PSI**  
45° FLANGE 3000 PSI


| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT223400.1212  | 3/4"         | 3/4"      |
| IT223400.1216  | 3/4"         | 1"        |
| IT223400.1612  | 1"           | 3/4"      |
| IT223400.1616  | 1"           | 1"        |
| IT223400.1620  | 1"           | 1.1/4"    |
| IT223400.2020  | 1.1/4"       | 1.1/4"    |
| IT223400.2024  | 1.1/4"       | 1.1/2"    |
| IT223400.2424  | 1.1/2"       | 1.1/2"    |
| IT223400.2432  | 1.1/2"       | 2"        |
| IT223400.3232  | 2"           | 2"        |

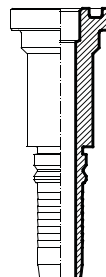
**INTERLOCK  
FLANGE SAE 6000 PSI**  
STRAIGHT FLANGE 6000  
PSI


| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT226100.1212  | 3/4"         | 3/4"      |
| IT226100.1216  | 3/4"         | 1"        |
| IT226100.1612  | 1"           | 3/4"      |
| IT226100.1616  | 1"           | 1"        |
| IT226100.1620  | 1"           | 1.1/4"    |
| IT226100.2020  | 1.1/4"       | 1.1/4"    |
| IT226100.2024  | 1.1/4"       | 1.1/2"    |
| IT226100.2424  | 1.1/2"       | 1.1/2"    |
| IT226100.2432  | 1.1/2"       | 2"        |
| IT226100.3232  | 2"           | 2"        |

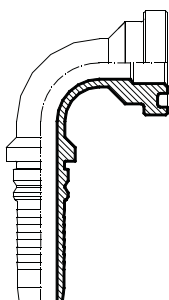
## TERMINAIS DE PRENSAR · HYDRAULIC FITTINGS

**INTERLOCK  
FLANGE 45° SAE 6000 PSI**  
45° FLANGE 6000 PSI

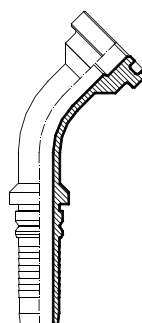
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT226400.1212  | 3/4"         | 3/4"      |
| IT226400.1216  | 3/4"         | 1"        |
| IT226400.1612  | 1"           | 3/4"      |
| IT226400.1616  | 1"           | 1"        |
| IT226400.1620  | 1"           | 1.1/4"    |
| IT226400.2020  | 1.1/4"       | 1.1/4"    |
| IT226400.2024  | 1.1/4"       | 1.1/2"    |
| IT226400.2424  | 1.1/2"       | 1.1/2"    |
| IT226400.2432  | 1.1/2"       | 2"        |
| IT226400.3232  | 2"           | 2"        |

**INTERLOCK  
FLANGE SUPERCAT  
STRAIGHT SUPERCAT  
FLANGE**

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT227110.1212  | 3/4"         | 3/4"      |
| IT227110.1216  | 3/4"         | 1"        |
| IT227110.1616  | 1"           | 1"        |
| IT227110.1620  | 1"           | 1.1/4"    |
| IT227110.2020  | 1.1/4"       | 1.1/4"    |
| IT227110.2024  | 1.1/4"       | 1.1/2"    |
| IT227110.2424  | 1.1/2"       | 1.1/2"    |

**INTERLOCK  
FLANGE 90° SUPERCAT**  
90° SUPERCAT FLANGE

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT227910.1212  | 3/4"         | 3/4"      |
| IT227910.1216  | 3/4"         | 1"        |
| IT227910.1616  | 1"           | 1"        |
| IT227910.1620  | 1"           | 1.1/4"    |
| IT227910.2020  | 1.1/4"       | 1.1/4"    |
| IT227910.2024  | 1.1/4"       | 1.1/2"    |
| IT227910.2424  | 1.1/2"       | 1.1/2"    |

**INTERLOCK  
FLANGE 90° SUPERCAT**  
45° SUPERCAT FLANGE

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIÂM<br>Ø |
|----------------|--------------|-----------|
| IT227410.1212  | 3/4"         | 3/4"      |
| IT227410.1216  | 3/4"         | 1"        |
| IT227410.1616  | 1"           | 1"        |
| IT227410.1620  | 1"           | 1.1/4"    |
| IT227410.2020  | 1.1/4"       | 1.1/4"    |
| IT227410.2024  | 1.1/4"       | 1.1/2"    |
| IT227410.2424  | 1.1/2"       | 1.1/2"    |

**MANGUITO INOX**  
STAINLESS STEEL  
FERRULE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.001     | 1/8"         | -               |

**BANJO INOX 20°**  
STAINLESS STEEL  
20° BANJO

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM<br>Ø |
|----------------|--------------|-----------|
| 453300.08      | 1/8"         | 10mm      |

**BANJO INOX 70°**  
STAINLESS STEEL  
70° BANJO

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM<br>Ø |
|----------------|--------------|-----------|
| 453300.22      | 1/8"         | 10mm      |

**BANJO INOX 20°**  
STAINLESS  
STEEL 20° BANJO

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM<br>Ø |
|----------------|--------------|-----------|
| 453300.24      | 1/8"         | 10mm      |

**PARAFUSO INOX**  
STAINLESS STEEL  
BANJO BOLT

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.12      | 1/8"         | 3/8" SAE        |
| 453300.13      | 1/8"         | M10x1           |
| 453300.14      | 1/8"         | M10x1.25        |

**MACHO INOX**  
STAINLESS STEEL  
MALE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.01      | 1/8"         | 3/8" SAE        |
| 453300.02      | 1/8"         | M10x1           |
| 453300.03      | 1/8"         | M10x1.25        |

**FÊMEA 45° INOX**  
STAINLESS STEEL  
45° FEMALE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.39      | 1/8"         | 3/8" SAE        |
| 453300.40      | 1/8"         | M10x1           |

**MACHO 45° INOX**  
STAINLESS STEEL  
45° MALE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.51      | 1/8"         | 3/8" SAE        |
| 453300.52      | 1/8"         | M10x1           |
| 453300.53      | 1/8"         | M10x1.25        |

**BANJO INOX 10MM**  
BANJO STAINLESS  
STEEL

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM<br>Ø |
|----------------|--------------|-----------|
| 453300.07      | 1/8"         | 10mm      |

**BANJO INOX 45°**  
STAINLESS STEEL  
45° BANJO

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM<br>Ø |
|----------------|--------------|-----------|
| 453300.09      | 1/8"         | 10mm      |

**BANJO INOX 90°**  
STAINLESS STEEL  
90° BANJO

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM<br>Ø |
|----------------|--------------|-----------|
| 453300.11      | 1/8"         | 10mm      |

**UNIÃO · UNION**

| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM<br>Ø |
|----------------|--------------|-----------|
| 453300.10      | 1/8"         | 10mm      |

**PARAFUSO DUPLO INOX**  
STAINLESS STEEL  
DOUBLE BOLT

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.15      | 1/8"         | 3/8" SAE        |
| 453300.16      | 1/8"         | M10x1           |
| 453300.17      | 1/8"         | M10x1.25        |

**FÊMEA INOX**  
STAINLESS STEEL  
FEMALE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.18      | 1/8"         | 3/8" SAE        |
| 453300.19      | 1/8"         | M10x1           |
| 453300.20      | 1/8"         | M10x2.25        |

**MACHO INOX**  
STAINLESS STEEL  
MALE

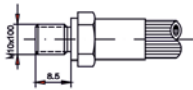
| CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM     |
|----------------|--------------|----------|
| 453300.25      | 1/8"         | 3/8" SAE |
| 453300.26      | 1/8"         | M10x1    |
| 453300.27      | 1/8"         | M10x1.25 |

**MACHO 90° INOX**  
STAINLESS STEEL  
90° MALE

| CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|----------------|--------------|-----------------|
| 453300.57      | 1/8"         | 3/8" SAE        |
| 453300.58      | 1/8"         | M10x1           |
| 453300.59      | 1/8"         | M10x1.25        |

AUTO · AUTO

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0126

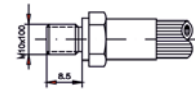
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0145

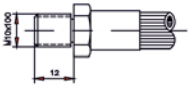
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0193

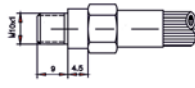
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0185

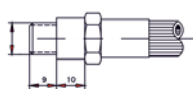
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0137

**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0122

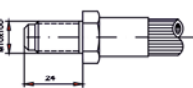
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0194

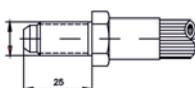
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0194

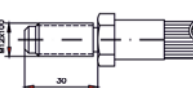
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0173

**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M12x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0120

**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0168

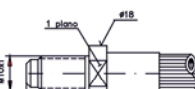
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0161

**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0152

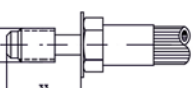
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0205

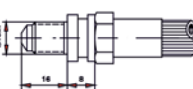
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0206

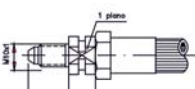
**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

**MACHO**  
MALE



**CÓDIGO**  
CODE

441205.0160

**TUBO**  
HOSE

1/8"

**ROSCA**  
THREAD

M10x1

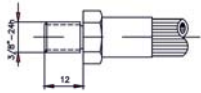
| MACHO<br>MALE   | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD | MACHO<br>MALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|---|----------------|--------------|-----------------|--|----------------|--------------|-----------------|
|    | 441205.0209    | 1/8"         | M10x1           |    | 441205.0121    | 1/8"         | M10x1           |
|    | 441205.0123    | 1/8"         | M10x1           |    | 441205.0124    | 1/8"         | M10x1.25        |
|    | 441205.0198    | 1/8"         | M10x1.25        |    | 441205.0154    | 1/8"         | M10x1.25        |
|   | 441205.0196    | 1/8"         | M10x1.25        |   | 441205.0127    | 1/8"         | M12x1           |
|  | 441205.0144    | 1/8"         | M12x1           |  | 441205.0131    | 1/8"         | M12x1           |
|  | 441205.0183    | 1/8"         | M12x1           |  | 441205.0128    | 1/8"         | M12x1.5         |
|  | 441205.0133    | 1/8"         | M12x1.25        |  | 441205.0163    | 1/8"         | M12x1.25        |
|  | 441205.0147    | 1/8"         | M12x1.5         |  | 441205.0190    | 1/8"         | M10x1           |

\* Todos os artigos disponíveis em AISI 316.

\* All items available in AISI 316.

AUTO · AUTO

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

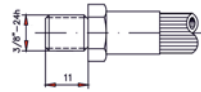
**ROSCA**  
THREAD

441205.0107

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

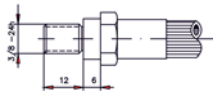
**ROSCA**  
THREAD

441205.0132

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

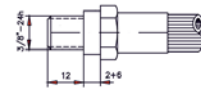
**ROSCA**  
THREAD

441205.0139

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD

441205.0101

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD

441205.0138

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

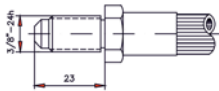
**ROSCA**  
THREAD

441205.0157

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

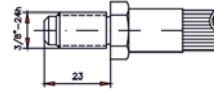
**ROSCA**  
THREAD

441205.0125

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

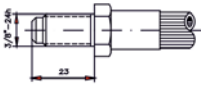
**ROSCA**  
THREAD

441205.0130

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

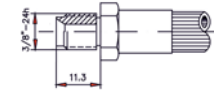
**ROSCA**  
THREAD

441205.0169

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

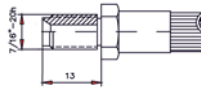
**ROSCA**  
THREAD

441205.0129

1/8"

3/8 - 24

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

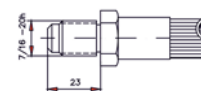
**ROSCA**  
THREAD

441205.0134

1/8"

7/16 - 20

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

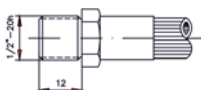
**ROSCA**  
THREAD

441205.0149

1/8"

7/16 - 20

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

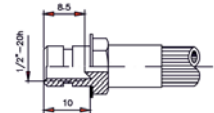
**ROSCA**  
THREAD

441205.0135

1/8"

7/16 - 20

**FÊMELE**  
FEMALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

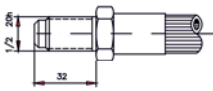
**ROSCA**  
THREAD

441205.0150

1/8"

1/2 - 20

**MACHO**  
MALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

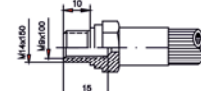
**ROSCA**  
THREAD

441205.0552

1/8"

1/2 - 20

**MACHO / FÊMELE**  
MALE / FEMALE



**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD

441205.0117

1/8"

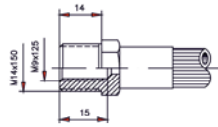
M. M14x1.5  
F. M9x1

**MACHO / FÊMEA**  
MALE / FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0116

1/8"

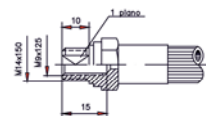
M. M14x1.5  
F. M9x1.5

**MACHO / FÊMEA**  
MALE / FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0118

1/8"

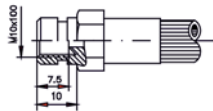
M. M14x1.5  
F. M9x1.25

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0171

1/8"

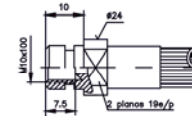
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0175

1/8"

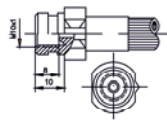
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0192

1/8"

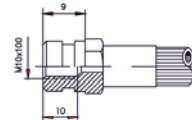
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0205

1/8"

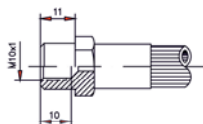
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0136

1/8"

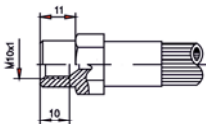
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0137

1/8"

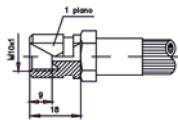
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0158

1/8"

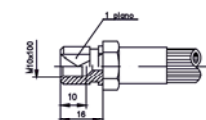
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0148

1/8"

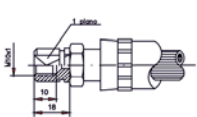
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0186

1/8"

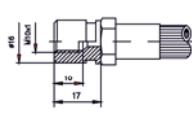
M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0179

1/8"

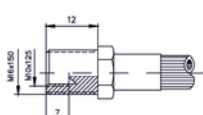
M10x1

**MACHO / FÊMEA**  
MALE / FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0109

1/8"

M. M16x1.5  
F. M10x1.25

**MACHO / FÊMEA**  
MALE / FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0146

1/8"

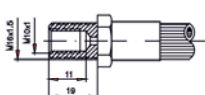
M. M16x1.5  
F. M10x1

**MACHO / FÊMEA**  
MALE / FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0184

1/8"

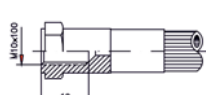
M. M16x1.5  
F. M10x1

**FÊMEA**  
FEMALE

**CÓDIGO**  
CODE

**TUBO**  
HOSE

**ROSCA**  
THREAD



441205.0141

1/8"

M10x1

\* Todos os artigos disponíveis em AISI 316.  
\* All items available in AISI 316.

AUTO · AUTO

| FÊMEA<br>FEMALE | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD          | FÊMEA<br>FEMALE | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD           |
|-----------------|----------------|--------------|--------------------------|-----------------|----------------|--------------|---------------------------|
|                 | 441205.0156    | 1/8"         | M10x1                    |                 | 441205.0104    | 1/8"         | M10x1                     |
|                 | 441205.0776    | 1/8"         | M10x1                    |                 | 441205.0105    | 1/8"         | M10x1.25                  |
|                 | 441205.0106    | 1/8"         | M10x1.25                 |                 | 441205.0111    | 1/8"         | M10x1.25                  |
|                 | 441205.0199    | 1/8"         | M10x1.25                 |                 | 441205.0115    | 1/8"         | M. M16x1.5<br>F. M10x1.25 |
|                 | 441205.0112    | 1/8"         | M12x1                    |                 | 441205.0172    | 1/8"         | M12x1                     |
|                 | 441205.0162    | 1/8"         | M. M16x1.5<br>F. M12x1   |                 | 441205.0152    | 1/8"         | M12x1.25                  |
|                 | 441205.0195    | 1/8"         | M. M20x1.5<br>F. M14x1.5 |                 | 441205.0102    | 1/8"         | 3/8-24                    |
|                 | 441205.0108    | 1/8"         | 3/8 - 24                 |                 | 441205.0155    | 1/8"         | 3/8 - 24                  |

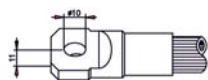














|                                       |                       |                     |                            |                                       |                       |                     |                             |
|---------------------------------------|-----------------------|---------------------|----------------------------|---------------------------------------|-----------------------|---------------------|-----------------------------|
| <b>FÊMEA</b><br>FEMALE                | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>ROSCA</b><br>THREAD     | <b>FÊMEA</b><br>FEMALE                | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>ROSCA</b><br>THREAD      |
|                                       | 441205.0165           | 1/8"                | 3/8 - 24                   |                                       | 441205.0114           | 1/8"                | 7/16 - 20                   |
| <b>MACHO / FÊMEA</b><br>MALE / FEMALE | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>ROSCA</b><br>THREAD     | <b>MACHO / FÊMEA</b><br>MALE / FEMALE | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>ROSCA</b><br>THREAD      |
|                                       | 441205.0119           | 1/8"                | M. 5/8 - 26<br>F. 3/8 - 24 |                                       | 441205.0140           | 1/8"                | M. 5/8 - 18<br>F. 7/16 - 24 |
| <b>MACHO / FÊMEA</b><br>MALE / FEMALE | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>ROSCA</b><br>THREAD     | <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                 |
|                                       | 441205.0188           | 1/8"                | M. 5/8 - 18<br>F. 3/8 - 20 |                                       | 441205.0159           | 1/8"                | 10mm                        |
| <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                | <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                 |
|                                       | 441205.0166           | 1/8"                | 10mm                       |                                       | 441205.0174           | 1/8"                | 10mm                        |
| <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                | <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                 |
|                                       | 441205.0176           | 1/8"                | 10mm                       |                                       | 441205.0178           | 1/8"                | 10mm                        |
| <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                | <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                 |
|                                       | 441205.0182           | 1/8"                | 10mm                       |                                       | 441205.0189           | 1/8"                | 10mm                        |
| <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                | <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                 |
|                                       | 441205.0191           | 1/8"                | 10mm                       |                                       | 441205.0203           | 1/8"                | 10mm                        |
| <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                | <b>BANJO</b>                          | <b>CÓDIGO</b><br>CODE | <b>TUBO</b><br>HOSE | <b>DIAM</b>                 |
|                                       | 441205.0143           | 1/8"                | 11mm                       |                                       | 441205.0153           | 1/8"                | 11mm                        |

\* Todos os artigos disponíveis em AISI 316.

\* All items available in AISI 316.

AUTO · AUTO

| BANJO   | CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM            | BANJO  | CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM            |
|---|----------------|--------------|-----------------|--|----------------|--------------|-----------------|
|    | 441205.0177    | 1/8"         | 12mm            |    | 441205.0142    | 1/8"         | 12mm            |
| TUBULAR<br>STAND PIPE   | CÓDIGO<br>CODE | TUBO<br>HOSE | DIAM            | FÊMEA<br>FEMALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|    | 441205.0110    | 1/8"         | 12mm            |     | 42999.0404     | 4,75         | 3/8 - 24        |
| MACHO<br>MALE   | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD | MACHO<br>MALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|    | 42999.0224     | 4,75         | M10x1           |    | 42974.0300     | 4,75         | 3/8 - 24        |
| MACHO<br>MALE   | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD | MACHO<br>MALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|  | 42999.0215     | 4,75         | 1/2 - 20        |  | 42999.0216     | 4,75         | 7/16 - 20       |
| MACHO<br>MALE   | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD | MACHO<br>MALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|  | 42999.0203     | 4,75         | M10x1.25        |  | 42999.0204     | 4,75         | M10x1.25        |
| MACHO<br>MALE   | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD | MACHO<br>MALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|  | 42999.0210     | 6            | 7/16 - 24       |  | 42999.0200     | 6            | 1/2 - 20        |
| MACHO<br>MALE   | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD | MACHO<br>MALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|  | 42974.1008     | 10           | 5/8 - 18        |  | 42972.0300     | 4,75         | M10x1           |
| FÊMEA<br>FEMALE   | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD | MACHO<br>MALE  | CÓDIGO<br>CODE | TUBO<br>HOSE | ROSCA<br>THREAD |
|  | 42999.0425     | 6            | 7/16 - 20       |   | 42999.0600     | 8"           | 1/2 - 20        |

**MACHO  
MALE**



**CÓDIGO  
CODE** 42999.0218  
**TUBO  
HOSE** 4/75"  
**ROSCA  
THREAD** 7/16 - 20

**MACHO  
MALE**



**CÓDIGO  
CODE** 42971.0403  
**TUBO  
HOSE** 4/75"  
**ROSCA  
THREAD** M12x1

**MACHO  
MALE**



**CÓDIGO  
CODE** 42971.0400  
**TUBO  
HOSE** 6  
**ROSCA  
THREAD** M12x1

**MACHO  
MALE**



**CÓDIGO  
CODE** 42971.0600  
**TUBO  
HOSE** 6  
**ROSCA  
THREAD** M14x1.5

**MACHO  
MALE**



**CÓDIGO  
CODE** 42971.0651  
**TUBO  
HOSE** 8  
**ROSCA  
THREAD** M14x1

**MACHO  
MALE**



**CÓDIGO  
CODE** 42971.0301  
**TUBO  
HOSE** 4.75  
**ROSCA  
THREAD** M10x1

**MACHO  
MALE**



**CÓDIGO  
CODE** 42972.0401  
**TUBO  
HOSE** 4.75  
**ROSCA  
THREAD** M12x1

**MÁQUINA DE  
CONES TRAVÃO  
BRAKE FLARE TOOL**

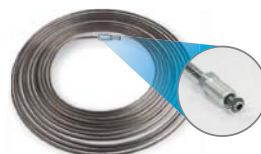


**CÓDIGO  
CODE** 429990.029/6

**INFO**

Mais informação no catálogo das máquinas.  
More information available in the machine's catalogue.

**TUBO DE TRAVÃO  
BRAKE TUBE**



**CÓDIGO  
CODE** 105900.05  
105900.06  
105900.08  
105900.10

**INFO**

Mais informação no catálogo das máquinas.  
More information available in the machine's catalogue.