



# Certificate of Conformity

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## Product designation

**CHIBRO, pressfitting System, pipe and fittings**

(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Marine Equipment International Pty Ltd  
Unit 4, 4 Pat Devlin Close, CHIPPING NORTON, NSW, AUSTRALIA, 2170

## Registrant

Marine Equipment International Pty Ltd  
Unit 4, 4 Pat Devlin Close, CHIPPING NORTON, NSW, AUSTRALIA, 2170

## Producer

CHIBRO S.p.A.  
Via Valtellina, 15 - 22070 Montano Lucino (CO), ITALY

## Conformance criteria and evaluation

The CHIBRO, pressfitting System, pipe and fittings has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 4118.2.1-1995, 'Fire sprinkler systems - Piping - General' incl. Amdt 1 (22 June 2005).
2. Australian Standard AS 3688-2005, 'Water supply - Metallic fittings and end connectors' incl. Amdt 1 (4 October 2006).

## Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Fire sprinkler equipment, system design and installation should be determined and verified in accordance with the performance and prescribed requirements of the regulations, standards and criteria as specified by the building code and authorities having jurisdiction. Due considerations include the occupancy fire loading, sprinkler location, coverage, response, hydraulic characteristics and other specified requirements relevant to the conformance and effectiveness of the equipment and installed system.
- ii. Specific or special requirements in relation to this product must be considered and included in the system design and installation.

(Limitations/conditions of conformance continue)

Issued by

David Whittaker  
Executive Officer – ActivFire Scheme



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- iii. The dimensional and mechanical compatibility of this product must be verified with the actual size and characteristics of the pipe to which it is to be connected.
- iv. Only o-rings specified and sourced from the producer of this product shall be used.
- v. The maximum working pressure is 1600 kPa (16 bar).

## Producer's description

The basic elements of the CHIBRO, pressfitting System, pipe and fittings are available in various forms and dimensions for the installation of pipelines and reticulation by using specially designed fittings and straight pipes.

At each end of the fittings is a toroidal groove with a synthetic rubber o-ring seal, which is deformed by a pressing tool that provides the tightness to the coupling. The mechanical strength is ensured by the deformation of fitting and inserted pipe, after the compression.

## Technical specification

The following details are a representative extract of the technical specification for the CHIBRO, pressfitting System, pipe and fittings and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

### Fittings

- Austenitic Cr-Ni-Mo stainless steel, according to AISI 316L standard – No 1.4404 according to UNI EN 10088

### Pipe

- Welded pipes of Austenitic Cr-Ni-Mo stainless steel No 1.4404 – AISI 316L standard according to UNI EN 10088.

Working pressure: 1600 kPa (16 Bar)

Working temperature: -20 to 120 °C (Standard (black EPDM) o-ring).

### Designation details - Fittings

| Trade brand | Article num. | Type description    | Nominal size | Outside diameter (O.D.) of tube |
|-------------|--------------|---------------------|--------------|---------------------------------|
| Chibro      | 6301         | Sleeve with stop    | 15 mm        | 15 mm                           |
| Chibro      | 6303         | Sleeve with stop    | 18 mm        | 18 mm                           |
| Chibro      | 6305         | Sleeve with stop    | 20 mm        | 22 mm                           |
| Chibro      | 6307         | Sleeve with stop    | 25 mm        | 28 mm                           |
| Chibro      | 6309         | Sleeve with stop    | 32 mm        | 35 mm                           |
| Chibro      | 6311         | Sleeve with stop    | 40 mm        | 42 mm                           |
| Chibro      | 6313         | Sleeve with stop    | 50 mm        | 54 mm                           |
| Chibro      | 6315         | Sleeve with stop    | 65 mm        | 76.1 mm                         |
| Chibro      | 6317         | Sleeve with stop    | 80 mm        | 88.9 mm                         |
| Chibro      | 6319         | Sleeve with stop    | 100 mm       | 108 mm                          |
| Chibro      | 6351         | Slip sleeve         | 15 mm        | 15 mm                           |
| Chibro      | 6353         | Slip sleeve         | 18 mm        | 18 mm                           |
| Chibro      | 6355         | Slip sleeve         | 20 mm        | 22 mm                           |
| Chibro      | 6357         | Slip sleeve         | 25 mm        | 28 mm                           |
| Chibro      | 6359         | Slip sleeve         | 32 mm        | 35 mm                           |
| Chibro      | 6361         | Slip sleeve         | 40 mm        | 42 mm                           |
| Chibro      | 6363         | Slip sleeve         | 50 mm        | 54 mm                           |
| Chibro      | 6365         | Slip sleeve         | 65 mm        | 76.1 mm                         |
| Chibro      | 6367         | Slip sleeve         | 80 mm        | 88.9 mm                         |
| Chibro      | 6369         | Slip sleeve         | 100 mm       | 108 mm                          |
| Chibro      | 5001         | 90° Elbow 1.5D F.F  | 15 mm        | 15 mm                           |
| Chibro      | 5003         | 90° Elbow 1.5D F.F  | 18 mm        | 18 mm                           |
| Chibro      | 5005         | 90° Elbow 1.5D F.F  | 20 mm        | 22 mm                           |
| Chibro      | 5007         | 90° Elbow 1.5D F.F  | 25 mm        | 28 mm                           |
| Chibro      | 5009         | 90° Elbow 1.5D F.F  | 32 mm        | 35 mm                           |
| Chibro      | 5011         | 90° Elbow 1.5D F.F  | 40 mm        | 42 mm                           |
| Chibro      | 5013         | 90° Elbow 1.5D F.F  | 50 mm        | 54 mm                           |
| Chibro      | 5015         | 90° Elbow 1.5D F.F  | 65 mm        | 76.1 mm                         |
| Chibro      | 5017         | 90° Elbow 1.5D F.F  | 80 mm        | 88.9 mm                         |
| Chibro      | 5019         | 90° Elbow 1.5D F.F. | 100 mm       | 108 mm                          |
| Chibro      | 5059         | 90° Elbow 1.2D F.F  | 32 mm        | 35 mm                           |
| Chibro      | 5061         | 90° Elbow 1.2D F.F  | 40 mm        | 42 mm                           |
| Chibro      | 5063         | 90° Elbow 1.2D F.F  | 50 mm        | 54 mm                           |
| Chibro      | 5065         | 90° Elbow 1D F.F    | 65 mm        | 76.1 mm                         |

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| Trade brand | Article num. | Type description    | Nominal size | Outside diameter (O.D.) of tube |
|-------------|--------------|---------------------|--------------|---------------------------------|
| Chibro      | 5067         | 90° Elbow 1D F.F    | 80 mm        | 88.9 mm                         |
| Chibro      | 5069         | 90° Elbow 1D F.F.   | 100 mm       | 108 mm                          |
| Chibro      | 5159         | 90° Elbow 1.2D M.F  | 32 mm        | 35 mm                           |
| Chibro      | 5161         | 90° Elbow 1.2D M.F  | 40 mm        | 42 mm                           |
| Chibro      | 5163         | 90° Elbow 1.2D M.F  | 50 mm        | 54 mm                           |
| Chibro      | 5165         | 90° Elbow 1D M.F    | 65 mm        | 76.1 mm                         |
| Chibro      | 5167         | 90° Elbow 1D M.F    | 80 mm        | 88.9 mm                         |
| Chibro      | 5169         | 90° Elbow 1D M.F.   | 100 mm       | 108 mm                          |
| Chibro      | 5101         | 90° Elbow 1.5D M.F  | 15 mm        | 15 mm                           |
| Chibro      | 5103         | 90° Elbow 1.5D M.F  | 18 mm        | 18 mm                           |
| Chibro      | 5105         | 90° Elbow 1.5D M.F  | 20 mm        | 22 mm                           |
| Chibro      | 5107         | 90° Elbow 1.5D M.F  | 25 mm        | 28 mm                           |
| Chibro      | 5109         | 90° Elbow 1.5D M.F  | 32 mm        | 35 mm                           |
| Chibro      | 5111         | 90° Elbow 1.5D M.F  | 40 mm        | 42 mm                           |
| Chibro      | 5113         | 90° Elbow 1.5D M.F  | 50 mm        | 54 mm                           |
| Chibro      | 5115         | 90° Elbow 1.5D M.F  | 65 mm        | 76.1 mm                         |
| Chibro      | 5117         | 90° Elbow 1.5D M.F  | 80 mm        | 88.9 mm                         |
| Chibro      | 5119         | 90° Elbow 1.5D M.F. | 100 mm       | 108 mm                          |
| Chibro      | 5201         | 60° Elbow 1.5D F.F  | 15 mm        | 15 mm                           |
| Chibro      | 5203         | 60° Elbow 1.5D F.F  | 18 mm        | 18 mm                           |
| Chibro      | 5205         | 60° Elbow 1.5D F.F  | 20 mm        | 22 mm                           |
| Chibro      | 5207         | 60° Elbow 1.5D F.F  | 25 mm        | 28 mm                           |
| Chibro      | 5209         | 60° Elbow 1.5D F.F  | 32 mm        | 35 mm                           |
| Chibro      | 5211         | 60° Elbow 1.5D F.F  | 40 mm        | 42 mm                           |
| Chibro      | 5213         | 60° Elbow 1.5D F.F  | 50 mm        | 54 mm                           |
| Chibro      | 5215         | 60° Elbow 1.5D F.F  | 65 mm        | 76.1 mm                         |
| Chibro      | 5217         | 60° Elbow 1.5D F.F  | 80 mm        | 88.9 mm                         |
| Chibro      | 5219         | 60° Elbow 1.5D F.F. | 100 mm       | 108 mm                          |
| Chibro      | 5301         | 60° Elbow 1.5D M.F  | 15 mm        | 15 mm                           |
| Chibro      | 5303         | 60° Elbow 1.5D M.F  | 18 mm        | 18 mm                           |
| Chibro      | 5305         | 60° Elbow 1.5D M.F  | 20 mm        | 22 mm                           |
| Chibro      | 5307         | 60° Elbow 1.5D M.F  | 25 mm        | 28 mm                           |
| Chibro      | 5309         | 60° Elbow 1.5D M.F  | 32 mm        | 35 mm                           |
| Chibro      | 5311         | 60° Elbow 1.5D M.F  | 40 mm        | 42 mm                           |
| Chibro      | 5313         | 60° Elbow 1.5D M.F  | 50 mm        | 54 mm                           |
| Chibro      | 5315         | 60° Elbow 1.5D M.F  | 65 mm        | 76.1 mm                         |
| Chibro      | 5317         | 60° Elbow 1.5D M.F  | 80 mm        | 88.9 mm                         |
| Chibro      | 5319         | 60° Elbow 1.5D M.F. | 100 mm       | 108 mm                          |
| Chibro      | 5401         | 45° Elbow 1.5D F.F  | 15 mm        | 15 mm                           |
| Chibro      | 5403         | 45° Elbow 1.5D F.F  | 18 mm        | 18 mm                           |
| Chibro      | 5405         | 45° Elbow 1.5D F.F  | 20 mm        | 22 mm                           |
| Chibro      | 5407         | 45° Elbow 1.5D F.F  | 25 mm        | 28 mm                           |
| Chibro      | 5409         | 45° Elbow 1.5D F.F  | 32 mm        | 35 mm                           |
| Chibro      | 5411         | 45° Elbow 1.5D F.F  | 40 mm        | 42 mm                           |
| Chibro      | 5413         | 45° Elbow 1.5D F.F  | 50 mm        | 54 mm                           |
| Chibro      | 5415         | 45° Elbow 1.5D F.F  | 65 mm        | 76.1 mm                         |
| Chibro      | 5417         | 45° Elbow 1.5D F.F  | 80 mm        | 88.9 mm                         |
| Chibro      | 5419         | 45° Elbow 1.5D F.F. | 100 mm       | 108 mm                          |
| Chibro      | 5501         | 45° Elbow 1.5D M.F  | 15 mm        | 15 mm                           |
| Chibro      | 5503         | 45° Elbow 1.5D M.F  | 18 mm        | 18 mm                           |
| Chibro      | 5505         | 45° Elbow 1.5D M.F  | 20 mm        | 22 mm                           |
| Chibro      | 5507         | 45° Elbow 1.5D M.F  | 25 mm        | 28 mm                           |
| Chibro      | 5509         | 45° Elbow 1.5D M.F  | 32 mm        | 35 mm                           |
| Chibro      | 5511         | 45° Elbow 1.5D M.F  | 40 mm        | 42 mm                           |
| Chibro      | 5513         | 45° Elbow 1.5D M.F  | 50 mm        | 54 mm                           |
| Chibro      | 5515         | 45° Elbow 1.5D M.F  | 65 mm        | 76.1 mm                         |
| Chibro      | 5517         | 45° Elbow 1.5D M.F  | 80 mm        | 88.9 mm                         |
| Chibro      | 5519         | 45° Elbow 1.5D M.F. | 100 mm       | 108 mm                          |
| Chibro      | 5601         | 30° Elbow 1.5D F.F  | 15 mm        | 15 mm                           |
| Chibro      | 5603         | 30° Elbow 1.5D F.F  | 18 mm        | 18 mm                           |
| Chibro      | 5605         | 30° Elbow 1.5D F.F  | 20 mm        | 22 mm                           |
| Chibro      | 5607         | 30° Elbow 1.5D F.F  | 25 mm        | 28 mm                           |
| Chibro      | 5609         | 30° Elbow 1.5D F.F  | 32 mm        | 35 mm                           |
| Chibro      | 5611         | 30° Elbow 1.5D F.F  | 40 mm        | 42 mm                           |
| Chibro      | 5613         | 30° Elbow 1.5D F.F  | 50 mm        | 54 mm                           |

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| Trade brand | Article num. | Type description    | Nominal size           | Outside diameter (O.D.) of tube |
|-------------|--------------|---------------------|------------------------|---------------------------------|
| Chibro      | 5615         | 30° Elbow 1.5D F.F  | 65 mm                  | 76.1 mm                         |
| Chibro      | 5807         | 15° Elbow 1.5D F.F  | 25 mm                  | 28 mm                           |
| Chibro      | 5809         | 15° Elbow 1.5D F.F  | 32 mm                  | 35 mm                           |
| Chibro      | 5811         | 15° Elbow 1.5D F.F  | 40 mm                  | 42 mm                           |
| Chibro      | 5813         | 15° Elbow 1.5D F.F  | 50 mm                  | 54 mm                           |
| Chibro      | 5815         | 15° Elbow 1.5D F.F  | 65 mm                  | 76.1 mm                         |
| Chibro      | 5817         | 15° Elbow 1.5D F.F  | 80 mm                  | 88.9 mm                         |
| Chibro      | 5819         | 15° Elbow 1.5D F.F. | 100 mm                 | 108 mm                          |
| Chibro      | 5901         | 15° Elbow 1.5D M.F  | 15 mm                  | 15 mm                           |
| Chibro      | 5903         | 15° Elbow 1.5D M.F  | 18 mm                  | 18 mm                           |
| Chibro      | 5905         | 15° Elbow 1.5D M.F  | 20 mm                  | 22 mm                           |
| Chibro      | 5907         | 15° Elbow 1.5D M.F  | 25 mm                  | 28 mm                           |
| Chibro      | 5909         | 15° Elbow 1.5D M.F  | 32 mm                  | 35 mm                           |
| Chibro      | 5911         | 15° Elbow 1.5D M.F  | 40 mm                  | 42 mm                           |
| Chibro      | 5913         | 15° Elbow 1.5D M.F  | 50 mm                  | 54 mm                           |
| Chibro      | 5915         | 15° Elbow 1.5D M.F  | 65 mm                  | 76.1 mm                         |
| Chibro      | 5917         | 15° Elbow 1.5D M.F  | 80 mm                  | 88.9 mm                         |
| Chibro      | 5919         | 15° Elbow 1.5D M.F. | 100 mm                 | 108 mm                          |
| Chibro      | 7001         | Overrun             | 15 mm                  | 15 mm                           |
| Chibro      | 7003         | Overrun             | 18 mm                  | 18 mm                           |
| Chibro      | 7005         | Overrun             | 20 mm                  | 22 mm                           |
| Chibro      | 7007         | Overrun             | 25 mm                  | 28 mm                           |
| Chibro      | 7021         | Crossover           | 15 mm                  | 15 mm                           |
| Chibro      | 7023         | Crossover           | 18 mm                  | 18 mm                           |
| Chibro      | 7025         | Crossover           | 20 mm                  | 22 mm                           |
| Chibro      | 7027         | Crossover           | 25 mm                  | 28 mm                           |
| Chibro      | 6901         | Reducer             | 18 mm x 15 mm          | 18 mm x 15 mm                   |
| Chibro      | 6903         | Reducer             | 20 mm x 15 mm          | 22 mm x 15 mm                   |
| Chibro      | 6905         | Reducer             | 20 mm x 18 mm          | 22 mm x 18 mm                   |
| Chibro      | 6907         | Reducer             | 25 mm x 15 mm          | 28 mm x 15 mm                   |
| Chibro      | 6909         | Reducer             | 25 mm x 18 mm          | 28 mm x 18 mm                   |
| Chibro      | 6911         | Reducer             | 25 mm x 20 mm          | 28 mm x 22 mm                   |
| Chibro      | 6912         | Reducer             | 32 mm x 15 mm          | 35 mm x 15 mm                   |
| Chibro      | 6917         | Reducer             | 32 mm x 20 mm          | 35 mm x 22 mm                   |
| Chibro      | 6919         | Reducer             | 32 mm x 25 mm          | 35 mm x 28 mm                   |
| Chibro      | 6925         | Reducer             | 40 mm x 20 mm          | 42 mm x 22 mm                   |
| Chibro      | 6927         | Reducer             | 40 mm x 25 mm          | 42 mm x 28 mm                   |
| Chibro      | 6929         | Reducer             | 40 mm x 32 mm          | 42 mm x 35 mm                   |
| Chibro      | 6937         | Reducer             | 50 mm x 25 mm          | 54 mm x 28 mm                   |
| Chibro      | 6939         | Reducer             | 50 mm x 32 mm          | 54 mm x 35 mm                   |
| Chibro      | 6941         | Reducer             | 50 mm x 40 mm          | 54 mm x 42 mm                   |
| Chibro      | 6943         | Reducer             | 50 mm x 40 mm          | 76.1 mm x 42 mm                 |
| Chibro      | 6945         | Reducer             | 65 mm x 50 mm          | 76.1 mm x 54 mm                 |
| Chibro      | 6947         | Reducer             | 80 mm x 50 mm          | 88.9 mm x 54 mm                 |
| Chibro      | 6949         | Reducer             | 80 mm x 65 mm          | 88.9 mm x 76.1 mm               |
| Chibro      | 6951         | Reducer             | 100 mm x 50 mm         | 108 mm x 54 mm                  |
| Chibro      | 6953         | Reducer             | 100 mm x 65 mm         | 108 mm x 76.1 mm                |
| Chibro      | 6955         | Reducer             | 100 mm x 80 mm         | 108 mm x 88.9 mm                |
| Chibro      | 6937         | Reducer             | 50 mm x 25 mm          | 54 x 28 mm                      |
| Chibro      | 7051         | MM 90° bent pipe90  | 15 mm                  | 15 mm                           |
| Chibro      | 7053         | MM 90° bent pipe90  | 18 mm                  | 18 mm                           |
| Chibro      | 7055         | MM 90° bent pipe90  | 20 mm                  | 22 mm                           |
| Chibro      | 7057         | MM 90° bent pipe90  | 25 mm                  | 28 mm                           |
| Chibro      | 7059         | MM 90° bent pipe90  | 32 mm                  | 35 mm                           |
| Chibro      | 7061         | MM 90° bent pipe90  | 40 mm                  | 42 mm                           |
| Chibro      | 7063         | MM 90° bent pipe90  | 50 mm                  | 54 mm                           |
| Chibro      | 6601         | Straight tee        | 15 mm x 15 mm (branch) | 15 mm x 15 mm                   |
| Chibro      | 6603         | Straight tee        | 18 mm x 18 mm (branch) | 18 mm x 18 mm                   |
| Chibro      | 6605         | Straight tee        | 20 mm x 20 mm (branch) | 22 mm x 22 mm                   |
| Chibro      | 6607         | Straight tee        | 25 mm x 25 mm (branch) | 28 mm x 28 mm                   |
| Chibro      | 6609         | Straight tee        | 32 mm x 32 mm (branch) | 35 mm x 35 mm                   |
| Chibro      | 6611         | Straight tee        | 40 mm x 40 mm (branch) | 42 mm x 42 mm                   |
| Chibro      | 6613         | Straight tee        | 50 mm x 50 mm (branch) | 54 mm x 54 mm                   |
| Chibro      | 6615         | Straight tee        | 65 mm x 65 mm (branch) | 76.1 mm x 76.1 mm               |
| Chibro      | 6617         | Straight tee        | 80 mm x 80 mm (branch) | 88.9 mm x 88.9 mm               |

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| Trade brand | Article num. | Type description                          | Nominal size             | Outside diameter (O.D.) of tube |
|-------------|--------------|---|--------------------------|---------------------------------|
| Chibro      | 6619         | Straight tee                              | 100 mm x 100 mm (branch) | 108 mm x 108 mm                 |
| Chibro      | 6701         | Reduced tee                               | 18 mm x 15 mm (branch)   | 18 mm x 15 mm                   |
| Chibro      | 6703         | Reduced tee                               | 20 mm x 15 mm (branch)   | 22 mm x 15 mm                   |
| Chibro      | 6705         | Reduced tee                               | 20 mm x 18 mm (branch)   | 22 mm x 18 mm                   |
| Chibro      | 6707         | Reduced tee                               | 25 mm x 15 mm (branch)   | 28 mm x 15 mm                   |
| Chibro      | 6709         | Reduced tee                               | 25 mm x 18 mm (branch)   | 28 mm x 18 mm                   |
| Chibro      | 6711         | Reduced tee                               | 25 mm x 20 mm (branch)   | 28 mm x 22 mm                   |
| Chibro      | 6713         | Reduced tee                               | 32 mm x 15 mm (branch)   | 35 mm x 15 mm                   |
| Chibro      | 6715         | Reduced tee                               | 32 mm x 18 mm (branch)   | 35 mm x 18 mm                   |
| Chibro      | 6717         | Reduced tee                               | 32 mm x 20 mm (branch)   | 35 mm x 22 mm                   |
| Chibro      | 6719         | Reduced tee                               | 32 mm x 25 mm (branch)   | 35 mm x 28 mm                   |
| Chibro      | 6720         | Reduced tee                               | 40 mm x 15 mm (branch)   | 42 mm x 15 mm                   |
| Chibro      | 6722         | Reduced tee                               | 40 mm x 18 mm (branch)   | 42 mm x 18 mm                   |
| Chibro      | 6721         | Reduced tee                               | 40 mm x 20 mm (branch)   | 42 mm x 22 mm                   |
| Chibro      | 6723         | Reduced tee                               | 40 mm x 25 mm (branch)   | 42 mm x 28 mm                   |
| Chibro      | 6725         | Reduced tee                               | 40 mm x 32 mm (branch)   | 42 mm x 35 mm                   |
| Chibro      | 6724         | Reduced tee                               | 50 mm x 15 mm (branch)   | 54 mm x 15 mm                   |
| Chibro      | 6726         | Reduced tee                               | 50 mm x 18 mm (branch)   | 54 mm x 18 mm                   |
| Chibro      | 6727         | Reduced tee                               | 50 mm x 20 mm (branch)   | 54 mm x 22 mm                   |
| Chibro      | 6729         | Reduced tee                               | 50 mm x 25 mm (branch)   | 54 mm x 28 mm                   |
| Chibro      | 6731         | Reduced tee                               | 50 mm x 32 mm (branch)   | 54 mm x 35 mm                   |
| Chibro      | 6733         | Reduced tee                               | 50 mm x 40 mm (branch)   | 54 mm x 42 mm                   |
| Chibro      | 6735         | Reduced tee                               | 65 mm x 20 mm (branch)   | 76.1 mm x 22 mm                 |
| Chibro      | 6737         | Reduced tee                               | 65 mm x 25 mm (branch)   | 76.1 mm x 28 mm                 |
| Chibro      | 6739         | Reduced tee                               | 65 mm x 32 mm (branch)   | 76.1 mm x 35 mm                 |
| Chibro      | 6741         | Reduced tee                               | 65 mm x 40 mm (branch)   | 76.1 mm x 42 mm                 |
| Chibro      | 6743         | Reduced tee                               | 65 mm x 50 mm (branch)   | 76.1 mm x 54 mm                 |
| Chibro      | 6745         | Reduced tee                               | 80 mm x 20 mm (branch)   | 88.9 mm x 22 mm                 |
| Chibro      | 6747         | Reduced tee                               | 80 mm x 25 mm (branch)   | 88.9 mm x 28 mm                 |
| Chibro      | 6749         | Reduced tee                               | 80 mm x 32 mm (branch)   | 88.9 mm x 35 mm                 |
| Chibro      | 6751         | Reduced tee                               | 80 mm x 40 mm (branch)   | 88.9 mm x 42 mm                 |
| Chibro      | 6753         | Reduced tee                               | 80 mm x 50 mm (branch)   | 88.9 mm x 54 mm                 |
| Chibro      | 6755         | Reduced tee                               | 80 mm x 65 mm (branch)   | 88.9 mm x 76.1 mm               |
| Chibro      | 6757         | Reduced tee                               | 100 mm x 20 mm (branch)  | 108 mm x 22 mm                  |
| Chibro      | 6759         | Reduced tee                               | 100 mm x 25 mm (branch)  | 108 mm x 28 mm                  |
| Chibro      | 6761         | Reduced tee                               | 100 mm x 32 mm (branch)  | 108 mm x 35 mm                  |
| Chibro      | 6763         | Reduced tee                               | 100 mm x 40 mm (branch)  | 108 mm x 42 mm                  |
| Chibro      | 6765         | Reduced tee                               | 100 mm x 50 mm (branch)  | 108 mm x 54 mm                  |
| Chibro      | 6767         | Reduced tee                               | 100 mm x 65 mm (branch)  | 108 mm x 76.1 mm                |
| Chibro      | 6769         | Reduced tee                               | 100 mm x 80 mm (branch)  | 108 mm x 88.9 mm                |
| Chibro      | 6763         | Reduced tee                               | 100 mm x 40 mm (branch)  | 108 mm x 42 mm                  |
| Chibro      | 6765         | Reduced tee                               | 100 mm x 50 mm (branch)  | 108 mm x 54 mm                  |
| Chibro      | 6767         | Reduced tee                               | 100 mm x 65 mm (branch)  | 108 mm x 76 mm                  |
| Chibro      | 6769         | Reduced tee                               | 100 mm x 80 mm (branch)  | 108 mm x 88 mm                  |
| Chibro      | 6801         | Branch tee (internal threads ISO 7/1)     | 15 mm x ½ (threaded)     | 15 mm x ½                       |
| Chibro      | 6803         | Branch tee (internal threads ISO 7/1)     | 18 mm x ½ (threaded)     | 18 mm x ½                       |
| Chibro      | 6807         | Branch tee (internal threads ISO 7/1)     | 20 mm x ½ (threaded)     | 22 mm x ½                       |
| Chibro      | 6809         | Branch tee (internal threads ISO 7/1)     | 20 mm x ¾ (threaded)     | 22 mm x ¾                       |
| Chibro      | 6811         | Branch tee (internal threads ISO 7/1)     | 25 mm x ½ (threaded)     | 28 mm x ½                       |
| Chibro      | 6813         | Branch tee (internal threads ISO 7/1)     | 25 mm x ¾ (threaded)     | 28 mm x ¾                       |
| Chibro      | 6815         | Branch tee (internal threads ISO 7/1)     | 32 mm x ½ (threaded)     | 35 mm x ½                       |
| Chibro      | 6817         | Branch tee (internal threads ISO 7/1)     | 32 mm x ¾ (threaded)     | 35 mm x ¾                       |
| Chibro      | 6819         | Branch tee (internal threads ISO 7/1)     | 40 mm x ½ (threaded)     | 42 mm x ½                       |
| Chibro      | 6821         | Branch tee (internal threads ISO 7/1)     | 40 mm x ¾ (threaded)     | 42 mm x ¾                       |
| Chibro      | 6823         | Branch tee (internal threads ISO 7/1)     | 50 mm x ½ (threaded)     | 54 mm x ½                       |
| Chibro      | 6825         | Branch tee (internal threads ISO 7/1)     | 50 mm x ¾ (threaded)     | 54 mm x ¾                       |
| Chibro      | 6827         | Branch tee (internal threads ISO 7/1)     | 50 mm x 2 (threaded)     | 54 mm x 2                       |
| Chibro      | 6829         | Branch tee (internal threads ISO 7/1)     | 65 mm x ¾ (threaded)     | 76.1 mm x ¾                     |
| Chibro      | 6835         | Branch tee (internal threads ISO 7/1)     | 65 mm x 2 (threaded)     | 76.1 mm x 2                     |
| Chibro      | 6831         | Branch tee (internal threads ISO 7/1)     | 80 mm x ¾ (threaded)     | 88.9 mm x ¾                     |
| Chibro      | 6837         | Branch tee (internal threads ISO 7/1)     | 80 mm x 2 (threaded)     | 88.9 mm x 2                     |
| Chibro      | 6833         | Branch tee (internal threads ISO 7/1)     | 100 mm x ¾ (threaded)    | 108 mm x ¾                      |
| Chibro      | 6839         | Branch tee (internal threads ISO 7/1)     | 100 mm x 2 (threaded)    | 108 mm x 2                      |
| Chibro      | 6401         | Female adapter (internal threads ISO 7/1) | 15 mm                    | 15 mm                           |
| Chibro      | 6402         | Female adapter (internal threads ISO 7/1) | 15 mm                    | 15 mm                           |

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| Trade brand | Article num. | Type description                          | Nominal size             | Outside diameter (O.D.) of tube |
|-------------|--------------|---|--------------------------|---------------------------------|
| Chibro      | 6403         | Female adapter (internal threads ISO 7/1) | 18 mm                    | 18 mm                           |
| Chibro      | 6404         | Female adapter (internal threads ISO 7/1) | 18 mm                    | 18 mm                           |
| Chibro      | 6407         | Female adapter (internal threads ISO 7/1) | 20 mm                    | 22 mm                           |
| Chibro      | 6409         | Female adapter (internal threads ISO 7/1) | 20 mm                    | 22 mm                           |
| Chibro      | 6405         | Female adapter (internal threads ISO 7/1) | 20 mm                    | 22 mm                           |
| Chibro      | 6406         | Female adapter (internal threads ISO 7/1) | 25 mm                    | 28 mm                           |
| Chibro      | 6411         | Female adapter (internal threads ISO 7/1) | 25 mm                    | 28 mm                           |
| Chibro      | 6408         | Female adapter (internal threads ISO 7/1) | 25 mm                    | 28 mm                           |
| Chibro      | 6412         | Female adapter (internal threads ISO 7/1) | 32 mm                    | 35 mm                           |
| Chibro      | 6413         | Female adapter (internal threads ISO 7/1) | 32 mm                    | 35 mm                           |
| Chibro      | 6414         | Female adapter (internal threads ISO 7/1) | 32 mm                    | 35 mm                           |
| Chibro      | 6416         | Female adapter (internal threads ISO 7/1) | 40 mm                    | 42 mm                           |
| Chibro      | 6415         | Female adapter (internal threads ISO 7/1) | 40 mm                    | 42 mm                           |
| Chibro      | 6418         | Female adapter (internal threads ISO 7/1) | 50 mm                    | 54 mm                           |
| Chibro      | 6417         | Female adapter (internal threads ISO 7/1) | 50 mm                    | 54 mm                           |
| Chibro      | 6410         | Female adapter (NPT female thread)        | 25 mm                    | 28 mm                           |
| Chibro      | 6451         | Male adapter (ISO 7/1)                    | 15 mm x 1/2 (threaded)   | 15 mm x 1/2                     |
| Chibro      | 6452         | Male adapter (ISO 7/1)                    | 15 mm x 3/4 (threaded)   | 15 mm x 3/4                     |
| Chibro      | 6453         | Male adapter (ISO 7/1)                    | 18 mm x 1/2 (threaded)   | 18 mm x 1/2                     |
| Chibro      | 6455         | Male adapter (ISO 7/1)                    | 18 mm x 3/4 (threaded)   | 18 mm x 3/4                     |
| Chibro      | 6456         | Male adapter (ISO 7/1)                    | 20 mm x 1/2 (threaded)   | 22 mm x 1/2                     |
| Chibro      | 6457         | Male adapter (ISO 7/1)                    | 20 mm x 3/4 (threaded)   | 22 mm x 3/4                     |
| Chibro      | 6458         | Male adapter (ISO 7/1)                    | 20 mm x 1 (threaded)     | 22 mm x 1                       |
| Chibro      | 6445         | Male adapter (ISO 7/1)                    | 25 mm x 1/2 (threaded)   | 28 mm x 1/2                     |
| Chibro      | 6447         | Male adapter (ISO 7/1)                    | 25 mm x 3/4 (threaded)   | 28 mm x 3/4                     |
| Chibro      | 6459         | Male adapter (ISO 7/1)                    | 25 mm x 1 (threaded)     | 28 mm x 1                       |
| Chibro      | 6449         | Male adapter (ISO 7/1)                    | 25 mm x 1 1/4 (threaded) | 28 mm x 1 1/4                   |
| Chibro      | 6460         | Male adapter (ISO 7/1)                    | 32 mm x 1 (threaded)     | 35 mm x 1                       |
| Chibro      | 6461         | Male adapter (ISO 7/1)                    | 32 mm x 1 1/4 (threaded) | 35 mm x 1 1/4                   |
| Chibro      | 6462         | Male adapter (ISO 7/1)                    | 32 mm x 1 1/2 (threaded) | 35 mm x 1 1/2                   |
| Chibro      | 6464         | Male adapter (ISO 7/1)                    | 40 mm x 1 1/4 (threaded) | 42 mm x 1 1/4                   |
| Chibro      | 6463         | Male adapter (ISO 7/1)                    | 50 mm x 1 1/2 (threaded) | 52 mm x 1 1/2                   |
| Chibro      | 6466         | Male adapter (ISO 7/1)                    | 50 mm x 1 1/2 (threaded) | 54 mm x 1 1/2                   |
| Chibro      | 6465         | Male adapter (ISO 7/1)                    | 04 mm x 2 (threaded)     | 54 mm x 2                       |
| Chibro      | 6467         | Male adapter (ISO 7/1)                    | 65 mm x 2 1/2 (threaded) | 76.1 mm x 2 1/2                 |
| Chibro      | 6469         | Male adapter (ISO 7/1)                    | 80 mm x 3 (threaded)     | 88.9 mm x 3                     |
| Chibro      | 6593         | Male adapter (ISO 7/1)                    | 18 mm                    | 18 mm                           |
| Chibro      | 6595         | Male adapter (ISO 7/1)                    | 20 mm                    | 22 mm                           |
| Chibro      | 6597         | Male adapter (ISO 7/1)                    | 25 mm                    | 28 mm                           |
| Chibro      | 6599         | Male adapter (ISO 7/1)                    | 32 mm                    | 35 mm                           |
| Chibro      | 6570         | Union (ISO 228)                           | 15 mm                    | 15 mm                           |
| Chibro      | 6571         | Union (ISO 228)                           | 15 mm                    | 15 mm                           |
| Chibro      | 6573         | Union (ISO 228)                           | 18 mm                    | 18 mm                           |
| Chibro      | 6575         | Union (ISO 228)                           | 20 mm                    | 22 mm                           |
| Chibro      | 6577         | Union (ISO 228)                           | 25 mm                    | 28 mm                           |
| Chibro      | 6579         | Union (ISO 228)                           | 32 mm                    | 35 mm                           |
| Chibro      | 6581         | Union (ISO 228)                           | 40 mm                    | 42 mm                           |
| Chibro      | 6583         | Union (ISO 228)                           | 50 mm                    | 54 mm                           |
| Chibro      | 7121         | MM nipple ((ISO 228 / ISO 7/1)            | 3/4 x 1/2                | 3/4 x 1/2                       |
| Chibro      | 7122         | MM nipple ((ISO 228 / ISO 7/1)            | 3/4 x 3/4                | 3/4 x 3/4                       |
| Chibro      | 7124         | MM nipple ((ISO 228 / ISO 7/1)            | 1 x 1/2                  | 1 x 1/2                         |
| Chibro      | 7123         | MM nipple ((ISO 228 / ISO 7/1)            | 1 x 3/4                  | 1 x 3/4                         |
| Chibro      | 7126         | MM nipple ((ISO 228 / ISO 7/1)            | 1 x 1                    | 1 x 1                           |
| Chibro      | 7125         | MM nipple ((ISO 228 / ISO 7/1)            | 1 1/4 x 1                | 1 1/4 x 1                       |
| Chibro      | 7127         | MM nipple ((ISO 228 / ISO 7/1)            | 1 1/2 x 1 1/4            | 1 1/2 x 1 1/4                   |
| Chibro      | 7129         | MM nipple ((ISO 228 / ISO 7/1)            | 2 x 1 1/2                | 2 x 1 1/2                       |
| Chibro      | 7131         | MM nipple ((ISO 228 / ISO 7/1)            | 2 x 2                    | 2 x 2                           |
| Chibro      | 7101         | MF nipple ((ISO 228 / ISO 7/1)            | 3/4 x 1/2                | 3/4 x 1/2                       |
| Chibro      | 7102         | MF nipple ((ISO 228 / ISO 7/1)            | 3/4 x 3/4                | 3/4 x 3/4                       |
| Chibro      | 7103         | MF nipple ((ISO 228 / ISO 7/1)            | 1 x 3/4                  | 1 x 3/4                         |
| Chibro      | 7104         | MF nipple ((ISO 228 / ISO 7/1)            | 1 x 1                    | 1 x 1                           |
| Chibro      | 7105         | MF nipple ((ISO 228 / ISO 7/1)            | 1 1/4 x 1                | 1 1/4 x 1                       |
| Chibro      | 7107         | MF nipple ((ISO 228 / ISO 7/1)            | 1 1/2 x 1 1/4            | 1 1/2 x 1 1/4                   |
| Chibro      | 7109         | MF nipple ((ISO 228 / ISO 7/1)            | 2 x 1 1/2                | 2 x 1 1/2                       |
| Chibro      | 7111         | MF nipple ((ISO 228 / ISO 7/1)            | 2 x 2                    | 2 x 2                           |

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| Trade brand | Article num. | Type description                                | Nominal size             | Outside diameter (O.D.) of tube |
|-------------|--------------|---|--------------------------|---------------------------------|
| Chibro      | 6850         | Female union connector (ISO 7/1)                | 15 mm x ¼                | 15 mm x ¼                       |
| Chibro      | 6851         | Female union connector (ISO 7/1)                | 15 mm x ½                | 15 mm x ½                       |
| Chibro      | 6852         | Female union connector (ISO 7/1)                | 18 mm x ¼                | 18 mm x ¼                       |
| Chibro      | 6853         | Female union connector (ISO 7/1)                | 18 mm x ½                | 18 mm x ½                       |
| Chibro      | 6855         | Female union connector (ISO 7/1)                | 20 mm x ¾                | 22 mm x ¾                       |
| Chibro      | 6856         | Female union connector (ISO 7/1)                | 20 mm x 1                | 22 mm x 1                       |
| Chibro      | 6857         | Female union connector (ISO 7/1)                | 25 mm x 1                | 28 mm x 1                       |
| Chibro      | 6859         | Female union connector (ISO 7/1)                | 32 mm x 1 ¼              | 35 mm x 1 ¼                     |
| Chibro      | 6861         | Female union connector (ISO 7/1)                | 40 mm x 1 ½              | 42 mm x 1 ½                     |
| Chibro      | 6863         | Female union connector (ISO 7/1)                | 50 mm x 2                | 54 mm x 2                       |
| Chibro      | 6870         | Male union connector (ISO 7/1)                  | 15 mm x ¾                | 15 mm x ¾                       |
| Chibro      | 6871         | Male union connector (ISO 7/1)                  | 15 mm x 1                | 15 mm x 1                       |
| Chibro      | 6872         | Male union connector (ISO 7/1)                  | 18 mm x ¾                | 18 mm x ¾                       |
| Chibro      | 6873         | Male union connector (ISO 7/1)                  | 18 mm x 1                | 18 mm x 1                       |
| Chibro      | 6874         | Male union connector (ISO 7/1)                  | 20 mm x ½                | 22 mm x ½                       |
| Chibro      | 6875         | Male union connector (ISO 7/1)                  | 20 mm x 1                | 22 mm x 1                       |
| Chibro      | 6876         | Male union connector (ISO 7/1)                  | 20 mm x 1                | 22 mm x 1                       |
| Chibro      | 6877         | Male union connector (ISO 7/1)                  | 25 mm x 1                | 28 mm x 1                       |
| Chibro      | 6879         | Male union connector (ISO 7/1)                  | 32 mm x 1 ¼              | 35 mm x 1 ¼                     |
| Chibro      | 6881         | Male union connector (ISO 7/1)                  | 40 mm x 1 ½              | 42 mm x 1 ½                     |
| Chibro      | 6883         | Male union connector (ISO 7/1)                  | 50 mm x 2                | 54 mm x 2                       |
| Chibro      | 6001         | 90° angle adapter (ISO 7/1)                     | 15 mm x ½                | 15 mm x ½                       |
| Chibro      | 6003         | 90° angle adapter (ISO 7/1)                     | 18 mm x ½                | 18 mm x ½                       |
| Chibro      | 6005         | 90° angle adapter (ISO 7/1)                     | 20 mm x ¾                | 22 mm x ¾                       |
| Chibro      | 6007         | 90° angle adapter (ISO 7/1)                     | 25 mm x 1                | 28 mm x 1                       |
| Chibro      | 6009         | 90° angle adapter (ISO 7/1)                     | 32 mm x 1 ¼              | 35 mm x 1 ¼                     |
| Chibro      | 6051         | 90° angle adapter (ISO 7/1)                     | 15 mm x ½                | 15 mm x ½                       |
| Chibro      | 6053         | 90° angle adapter (ISO 7/1)                     | 18 mm x ½                | 18 mm x ½                       |
| Chibro      | 6055         | 90° angle adapter (ISO 7/1)                     | 20 mm x ¾                | 22 mm x ¾                       |
| Chibro      | 6057         | 90° angle adapter (ISO 7/1)                     | 25 mm x 1                | 28 mm x 1                       |
| Chibro      | 6059         | 90° angle adapter (ISO 7/1)                     | 32 mm x 1 ¼              | 35 mm x 1 ¼                     |
| Chibro      | 6061         | 90° angle adapter (ISO 7/1)                     | 40 mm x 1 ½              | 42 mm x 1 ½                     |
| Chibro      | 6063         | 90° angle adapter (ISO 7/1)                     | 50 mm x 2                | 54 mm x 2                       |
| Chibro      | 5991         | 90° angle adapter for insertion (ISO 7/1)       | 15 mm x ½                | 15 mm x ½                       |
| Chibro      | 6101         | 90° angle adapter w/ wall flange (ISO 7/1)      | 15 mm x ½                | 15 mm x ½                       |
| Chibro      | 6103         | 90° angle adapter w/ wall flange (ISO 7/1)      | 18 mm x ½                | 18 mm x ½                       |
| Chibro      | 6105         | 90° angle adapter w/ wall flange (ISO 7/1)      | 20 mm x ¾                | 22 mm x ¾                       |
| Chibro      | 6111         | 90° angle adapter w/ ext. wall flange (ISO 7/1) | 15 mm x ½                | 15 mm x ½                       |
| Chibro      | 6113         | 90° angle adapter w/ ext. wall flange (ISO 7/1) | 18 mm x ½                | 18 mm x ½                       |
| Chibro      | 6115         | 90° angle adapter w/ ext. wall flange (ISO 7/1) | 20 mm x ¾                | 22 mm x ¾                       |
| Chibro      | 6151         | Tee with wall flange 15x1/2 F.                  | Threaded x 15 mm x 15 mm | Threaded x 15 mm x 15 mm        |
| Chibro      | 7201         | Plug for sealing pipe (male)                    | 15 mm                    | 15 mm                           |
| Chibro      | 7203         | Plug for sealing pipe (male)                    | 18 mm                    | 18 mm                           |
| Chibro      | 7205         | Plug for sealing pipe (male)                    | 20 mm                    | 22 mm                           |
| Chibro      | 7207         | Plug for sealing pipe (male)                    | 25 mm                    | 28 mm                           |
| Chibro      | 7209         | Plug for sealing pipe (male)                    | 32 mm                    | 35 mm                           |
| Chibro      | 7211         | Plug for sealing pipe (male)                    | 40 mm                    | 42 mm                           |
| Chibro      | 7213         | Plug for sealing pipe (male)                    | 50 mm                    | 54 mm                           |
| Chibro      | 7215         | Plug for sealing pipe (male)                    | 65 mm                    | 76.1 mm                         |
| Chibro      | 7217         | Plug for sealing pipe (male)                    | 80 mm                    | 88.9 mm                         |
| Chibro      | 7219         | Plug for sealing pipe (male)                    | 100 mm                   | 108 mm                          |
| Chibro      | 7231         | Plug for sealing pipe (female)                  | 15 mm                    | 15 mm                           |
| Chibro      | 7233         | Plug for sealing pipe (female)                  | 18 mm                    | 18 mm                           |
| Chibro      | 7235         | Plug for sealing pipe (female)                  | 20 mm                    | 22 mm                           |
| Chibro      | 7237         | Plug for sealing pipe (female)                  | 25 mm                    | 28 mm                           |
| Chibro      | 7239         | Plug for sealing pipe (female)                  | 32 mm                    | 35 mm                           |
| Chibro      | 7241         | Plug for sealing pipe (female)                  | 40 mm                    | 42 mm                           |
| Chibro      | 7243         | Plug for sealing pipe (female)                  | 50 mm                    | 54 mm                           |
| Chibro      | 7245         | Plug for sealing pipe (female)                  | 65 mm                    | 76.1 mm                         |
| Chibro      | 7247         | Plug for sealing pipe (female)                  | 80 mm                    | 88.9 mm                         |
| Chibro      | 7249         | Plug for sealing pipe (female)                  | 100 mm                   | 108 mm                          |
| Chibro      | 6521         | Flanged sleeve NP 6                             | 15 mm                    | 15 mm                           |
| Chibro      | 6523         | Flanged sleeve NP 6                             | 18 mm                    | 18 mm                           |

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| Trade brand | Article num. | Type description                  | Nominal size | Outside diameter (O.D.) of tube |
|-------------|--------------|-----------------------------------|--------------|---------------------------------|
| Chibro      | 6525         | Flanged sleeve NP 6               | 20 mm        | 22 mm                           |
| Chibro      | 6527         | Flanged sleeve NP 6               | 25 mm        | 28 mm                           |
| Chibro      | 6529         | Flanged sleeve NP 6               | 32 mm        | 35 mm                           |
| Chibro      | 6531         | Flanged sleeve NP 6               | 40 mm        | 42 mm                           |
| Chibro      | 6533         | Flanged sleeve NP 6               | 50 mm        | 54 mm                           |
| Chibro      | 6535         | Flanged sleeve NP 6               | 65 mm        | 76.1 mm                         |
| Chibro      | 6537         | Flanged sleeve NP 6               | 80 mm        | 88.9 mm                         |
| Chibro      | 6539         | Flanged sleeve NP 6               | 100 mm       | 108 mm                          |
| Chibro      | 6501         | Flanged sleeve NP 10/16           | 15 mm        | 15 mm                           |
| Chibro      | 6503         | Flanged sleeve NP 10/16           | 18 mm        | 18 mm                           |
| Chibro      | 6505         | Flanged sleeve NP 10/16           | 20 mm        | 22 mm                           |
| Chibro      | 6507         | Flanged sleeve NP 10/16           | 25 mm        | 28 mm                           |
| Chibro      | 6509         | Flanged sleeve NP 10/16           | 32 mm        | 35 mm                           |
| Chibro      | 6511         | Flanged sleeve NP 10/16           | 40 mm        | 42 mm                           |
| Chibro      | 6513         | Flanged sleeve NP 10/16           | 50 mm        | 54 mm                           |
| Chibro      | 6515         | Flanged sleeve NP 10/16           | 65 mm        | 76.1 mm                         |
| Chibro      | 6517         | Flanged sleeve NP 10/16           | 80 mm        | 88.9 mm                         |
| Chibro      | 6519         | Flanged sleeve NP 10/16           | 100 mm       | 108 mm                          |
| Chibro      | 9284         | Collars for loose flange NP 6     | 20 mm        | 22 mm                           |
| Chibro      | 9285         | Collars for loose flange NP 6     | 25 mm        | 28 mm                           |
| Chibro      | 9286         | Collars for loose flange NP 6     | 32 mm        | 35 mm                           |
| Chibro      | 9287         | Collars for loose flange NP 6     | 40 mm        | 42 mm                           |
| Chibro      | 9288         | Collars for loose flange NP 6     | 50 mm        | 54 mm                           |
| Chibro      | 9289         | Collars for loose flange NP 6     | 65 mm        | 76.1 mm                         |
| Chibro      | 9290         | Collars for loose flange NP 6     | 80 mm        | 88.9 mm                         |
| Chibro      | 9291         | Collars for loose flange NP 6     | 100 mm       | 108 mm                          |
| Chibro      | 9274         | Collars for loose flange NP 10/16 | 20 mm        | 22 mm                           |
| Chibro      | 9275         | Collars for loose flange NP 10/16 | 25 mm        | 28 mm                           |
| Chibro      | 9276         | Collars for loose flange NP 10/16 | 32 mm        | 35 mm                           |
| Chibro      | 9277         | Collars for loose flange NP 10/16 | 40 mm        | 42 mm                           |
| Chibro      | 9278         | Collars for loose flange NP 10/16 | 50 mm        | 54 mm                           |
| Chibro      | 9279         | Collars for loose flange NP 10/16 | 65 mm        | 76.1 mm                         |
| Chibro      | 9280         | Collars for loose flange NP 10/16 | 80 mm        | 88.9 mm                         |
| Chibro      | 9281         | Collars for loose flange NP 10/16 | 100 mm       | 108 mm                          |

## Designation details - Pipe

| Trade brand | Article num. | Type description   | Nominal size | Outside diameter (O.D.) of tube |
|-------------|--------------|--|--------------|---------------------------------|
| Chibro      | 4903         | Pressfitting stainless steel pipe                                  | 15 mm x 6 m  | 15 mm                           |
| Chibro      | 4905         | Pressfitting stainless steel pipe                                  | 18 mm x 6 m  | 18 mm                           |
| Chibro      | 4907         | Pressfitting stainless steel pipe                                  | 20 mm x 6 m  | 22 mm                           |
| Chibro      | 4909         | Pressfitting stainless steel pipe                                  | 25 mm x 6 m  | 28 mm                           |
| Chibro      | 4911         | Pressfitting stainless steel pipe                                  | 32 mm x 6 m  | 35 mm                           |
| Chibro      | 4913         | Pressfitting stainless steel pipe                                  | 40 mm x 6 m  | 42 mm                           |
| Chibro      | 4915         | Pressfitting stainless steel pipe                                  | 50 mm x 6 m  | 54 mm                           |
| Chibro      | 4917         | Pressfitting stainless steel pipe                                  | 65 mm x 6 m  | 76.1 mm                         |
| Chibro      | 4919         | Pressfitting stainless steel pipe                                  | 80 mm X 6 m  | 88.9 mm                         |
| Chibro      | 4921         | Pressfitting stainless steel pipe                                  | 100 mm x 6 m | 108 mm                          |
| Chibro      | 4903         | Pressfitting stainless steel pipe with polypropylene outer coating | 15 mm x 6 m  | 15 mm                           |
| Chibro      | 4905         | Pressfitting stainless steel pipe with polypropylene outer coating | 18 mm x 6 m  | 18 mm                           |
| Chibro      | 4907         | Pressfitting stainless steel pipe with polypropylene outer coating | 20 mm x 6 m  | 22 mm                           |
| Chibro      | 4909         | Pressfitting stainless steel pipe with polypropylene outer coating | 25 mm x 6 m  | 28 mm                           |
| Chibro      | 4911         | Pressfitting stainless steel pipe with polypropylene outer coating | 32 mm x 6 m  | 35 mm                           |
| Chibro      | 4913         | Pressfitting stainless steel pipe with polypropylene outer coating | 40 mm x 6 m  | 42 mm                           |
| Chibro      | 4915         | Pressfitting stainless steel pipe with polypropylene outer coating | 50 mm x 6 m  | 54 mm                           |