

# **EURAC<sup>®</sup>**

## **COURBES ET RACCORDS À COMPRESSION** **BENDS & COMPRESSION COUPLINGS**



**STIF**

components for your success

► Français

► English



Fondée en 1984, la société S.T.I.F. s'est créée une solide réputation internationale en exportant dans plus de 60 pays. Implantée dans l'ouest de la France près d'ANGERS à 80km du port de NANTES-ST NAZAIRE, l'unité de production s'étend sur 10 000 m<sup>2</sup>.

La société STIF a conçu sa gamme de raccords à compression en 1989. Ce système rapide d'installation, qui remplace parfaitement les brides, est la solution adéquate pour assembler vos réseaux de tuyauterie en dépoussiérage industriel ou en transport pneumatique. Pouvant résister jusqu'à 25 bar de pression, la gamme de raccords EURAC fonctionne aussi bien en phase diluée qu'en phase dense, en aspiration ou en refoulement.

Established 1984, the S.T.I.F. Company has earned a solid international reputation by exporting to more than 60 countries. The production unit is based in the west of France near ANGERS, 80km from the NANTES-ST NAZAIRE harbour, and extends over 10000 m<sup>2</sup>.

The company STIF, manufacturer of components for the bulk handling of products, designed their range of compression couplings since 1989. This quick installation system which perfectly replaces flanges is the adequate solution to put together your pipes network of industrial dusting or pneumatic transport. Able to withstand a pressure up to 25 bar the range of EURAC couplings works as well in diluted or dense phases, in aspiration or reversing installations.



## RACCORDS POUR TRANSPORT PNEUMATIQUE COUPLINGS FOR PNEUMATIC CONVEYING TUBES

**L**



Transport pneumatique phase diluée en aspiration  
ou refoulement produits légers.  
Pneumatic conveying (diluted concentration light particles)  
vacuum or pressure systems.

**L100**  
Ø 38,1 < 114,3

p. 4-5

**M**



Transport pneumatique phase diluée en aspiration  
ou refoulement produits légers.  
Pneumatic conveying (diluted concentration light particles)  
vacuum or pressure systems.

**L150**  
Ø 38,1 < 114,3

p. 6-7

**HL**



Transport pneumatique phase diluée  
ou phase dense.  
Pneumatic conveying (diluted and heavy concentration  
light particles) vacuum or pressure systems.

**L100 - L150 - L200**  
Ø 38,1 < 168,3

p. 8-9

**H**



Transport pneumatique phase diluée  
ou phase dense.  
Pneumatic conveying (diluted and heavy concentration  
light particles) vacuum or pressure systems.

**L150 - L200**  
Ø 38,1 < 219,1

p. 10-11

**HX**



Transport pneumatique phase diluée  
ou phase dense.  
Pneumatic conveying (diluted and heavy concentration  
light particles) vacuum or pressure systems.

**L200 - L250 - L300**  
Ø 200 < 355,6

p. 12

## Bends

### COURBES À GRAND RAYON - PIÈCES DE LIAISON PIPE BENDS - CONNECTORS

p. 13-14-15

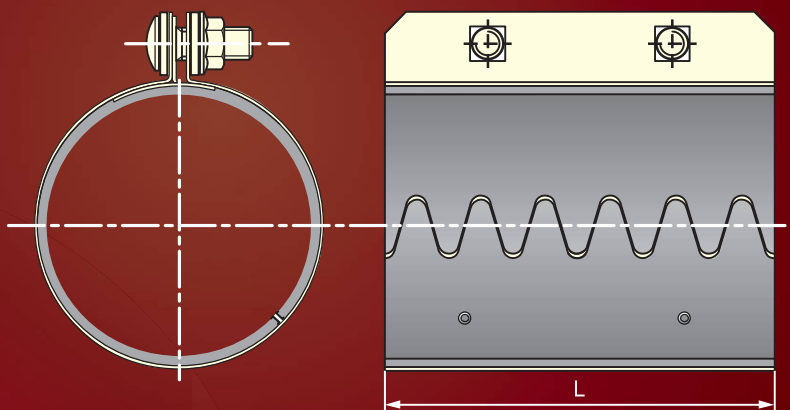


# TRANSPORT PNEUMATIQUE PHASE DILUÉE EN ASPIRATION OU REFOULEMENT PRODUITS LÉGERS

PNEUMATIC CONVEYING (DILUTED CONCENTRATION LIGHT PARTICLES)  
VACUUM OR PRESSURE SYSTEMS



|                    |                  |
|--------------------|------------------|
| L                  | 100 mm           |
| Ø                  | 38.1 <> 114.3 mm |
| Boulons Bolts      | M8               |
| Serrage Tightening | 16 N.m           |



## DESCRIPTIF STANDARD

- Enveloppe extérieure inox 430
- Joint SBR noir -30°C/+80°C
- Boulons zingués
- Conductivité avec œillet

## OPTIONS

- Version tout inox 304L
- Joint NBR blanc FDA -30°C/+110°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint silicone VMQ -65°C/+225°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint silicone détectable bleu -40°C/+180°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint Viton FKM noir -20°C/+250°C
- Raccord pont (voir p. 5)
- Raccord pour 2 diamètres différents (voir p. 5)
- Lamelle de conductivité cuivre CU A1
- Anneau protecteur conductif inox 304L (voir p. 5)

## SPECIFICATION OF STANDARD COUPLING

- Outside skin in stainless steel 430
- Black SBR gasket -30°C/+80°C
- Zinc plated bolts
- Conductivity with eyelet

## OPTIONS

- All stainless steel 304L version
- White NBR gasket FDA -30°C/+110°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Silicone VMQ gasket -65°C/+225°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Blue silicone gasket -40°C/+180°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Viton FKM gasket -20°C/+250°C
- Coupling with clamp and side bars (see p. 5)
- Coupling for two tubes with different diameters (see p. 5)
- Conductivity strip in copper CU A1
- Conductive protecting ring in stainless steel 304L (see p. 5)

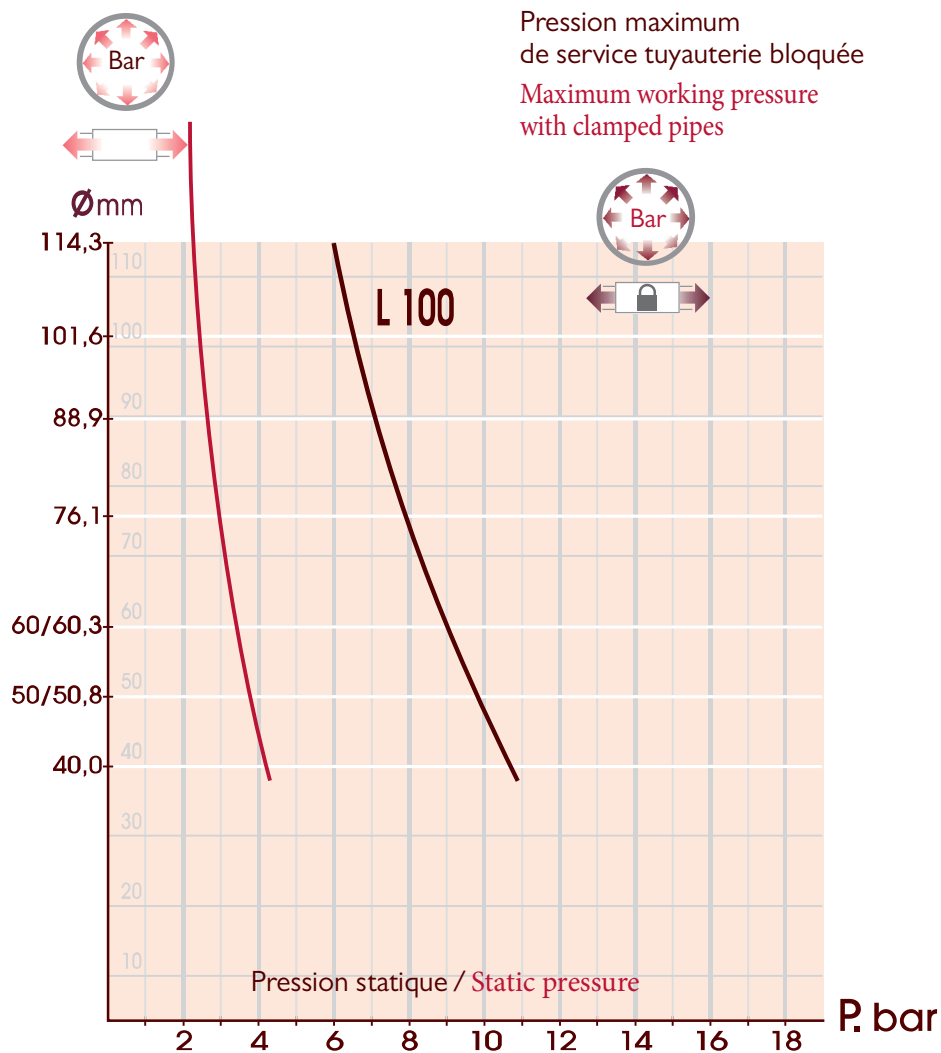
- Référence réglementaire - Reference to regulation: **N°97/23/CE.G2 Art.3 §3**
- Exemple de marquage du produit - Example of product marking: **EURAC® L D 54**

## COURBES PRESSION MAXIMUM EURAC L: L 100

### MAXIMUM PRESSURE CURVES FOR EURAC L: L100

Pression maximum  
de service tuyauterie libre  
Maximum working pressure  
with free-hanging pipes

Pression maximum  
de service tuyauterie bloquée  
Maximum working pressure  
with clamped pipes



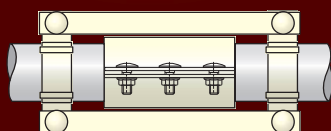
| Ø       | L100 |
|---------|------|
| 38,1    |      |
| 40      |      |
| 45      |      |
| 50/50,8 |      |
| 54      |      |
| 55      |      |
| 60/60,3 |      |
| 63,5    |      |
| 65      |      |
| 70      |      |
| 75      |      |
| 76,1    |      |
| 80      |      |
| 82      |      |
| 84      |      |
| 85      |      |
| 88,9    |      |
| 95      |      |
| 100     |      |
| 101,6   |      |
| 104     |      |
| 105     |      |
| 108     |      |
| 114,3   |      |

En stock - On stock

Sur commande - On order

## OPTIONS - OPTIONS

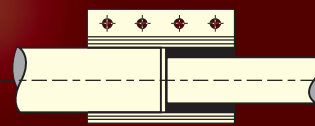
- Raccord pont  
Coupling with clamp and side bars



- Anneau protecteur conducteur inox 304L  
Conductive protection ring in stainless steel 304L



- Raccord pour 2 diamètres différents  
Coupling for two tubes with different diameters

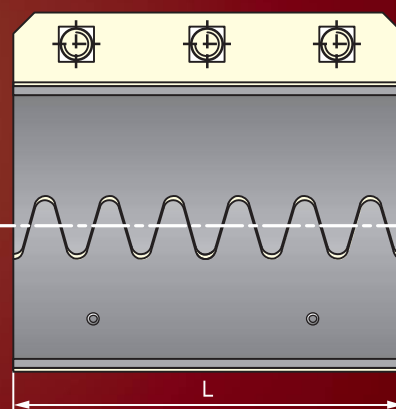
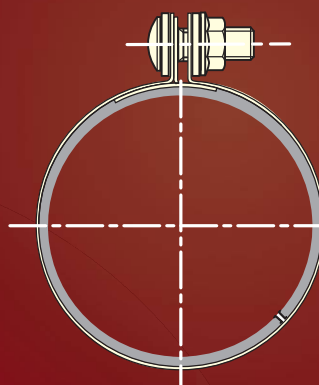


# TRANSPORT PNEUMATIQUE PHASE DILUÉE EN ASPIRATION OU REFOULEMENT PRODUITS LÉGERS

PNEUMATIC CONVEYING (DILUTED CONCENTRATION LIGHT PARTICLES)  
VACUUM OR PRESSURE SYSTEMS



|                    |                  |
|--------------------|------------------|
| L                  | 150 mm           |
| Ø                  | 38.1 <> 114.3 mm |
| Boulons Bolts      | M8               |
| Serrage Tightening | 16 N.m           |



## DESCRIPTIF STANDARD

- Enveloppe extérieure inox 430
- Joint SBR noir -30°C/+80°C
- Boulons zingués
- Conductivité avec œillet

## SPECIFICATION OF STANDARD COUPLING

- Outside skin in stainless steel 430
- Black SBR gasket -30°C/+80°C
- Zinc plated bolts
- Conductivity with eyelet

## OPTIONS

- Version tout inox 304L
- Joint NBR blanc FDA -30°C/+110°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint silicone VMQ -65°C/+225°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint silicone détectable bleu -40°C/+180°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint Viton FKM noir -20°C/+250°C
- Raccord pont (voir p. 7)
- Raccord pour diamètres différents (voir p. 7)
- Lamelle de conductivité cuivre CU A1
- Anneau protecteur conductif inox 304L (voir p. 7)

## OPTIONS

- All stainless steel 304L version
- White NBR gasket FDA -30°C/+110°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Silicone VMQ gasket -65°C/+225°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Blue silicone gasket -40°C/+180°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Viton FKM gasket -20°C/+250°C
- Coupling with clamp and side bars (see p. 7)
- Coupling for tubes with different diameters (see p. 7)
- Conductivity strip in copper CU A1
- Conductive protecting ring in stainless steel 304L (see p. 7)

- Référence réglementaire - Reference to regulation: **N°97/23/CE.G2 Art.3 §3**
- Exemple de marquage du produit - Example of product marking: **EURAC® M D 63.5**



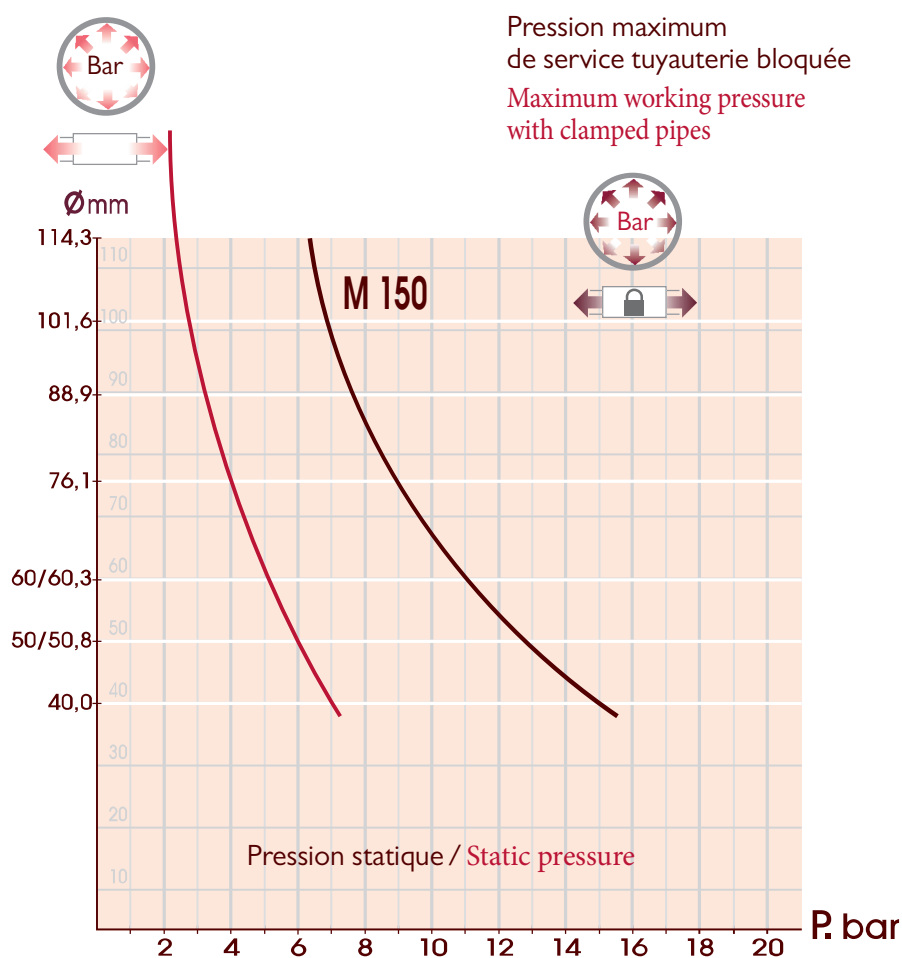
## COURBES PRESSION MAXIMUM EURAC M: L 150

### MAXIMUM PRESSURE CURVES FOR EURAC M: L 150



Pression maximum  
de service tuyauterie libre  
Maximum working pressure  
with free-hanging pipes

Pression maximum  
de service tuyauterie bloquée  
Maximum working pressure  
with clamped pipes



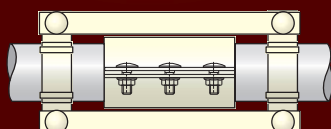
| Ø       | L150 |
|---------|------|
| 38,1    |      |
| 40      |      |
| 45      |      |
| 50/50,8 |      |
| 54      |      |
| 55      |      |
| 60/60,3 |      |
| 63,5    |      |
| 65      |      |
| 70      |      |
| 75      |      |
| 76,1    |      |
| 80      |      |
| 82      |      |
| 84      |      |
| 85      |      |
| 88,9    |      |
| 95      |      |
| 100     |      |
| 101,6   |      |
| 104     |      |
| 105     |      |
| 108     |      |
| 114,3   |      |

En stock - On stock

Sur commande - On order

## OPTIONS - OPTIONS

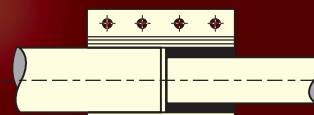
- Raccord pont  
Coupling with clamp and side bars



- Anneau protecteur conducteur inox 304L  
Conductive protection ring in stainless steel 304L



- Raccord pour 2 diamètres différents  
Coupling for two tubes with different diameters

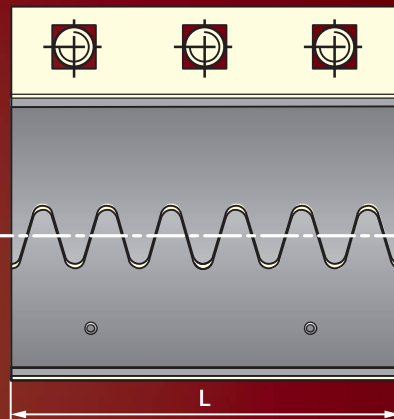
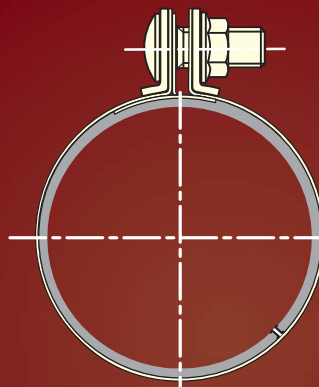


# NEW



## TRANSPORT PNEUMATIQUE PHASE DILUÉE OU PHASE DENSE

### PNEUMATIC CONVEYING (DILUTED AND HEAVY CONCENTRATION LIGHT PARTICLES) VACUUM OR PRESSURE SYSTEMS



|                    |                           |
|--------------------|---------------------------|
| L                  | 100 mm                    |
| Ø                  | $38,1 \leq \leq 114,3$ mm |
| Boulons Bolts      | M12                       |
| Serrage Tightening | M12:60N.m                 |

|                    |                           |
|--------------------|---------------------------|
| L                  | 150 - 200 mm              |
| Ø                  | $38,1 \leq \leq 168,3$ mm |
| Boulons Bolts      | M12                       |
| Serrage Tightening | M12:60N.m                 |

#### DESCRIPTIF STANDARD

- Enveloppe extérieure acier galvanisé
- Couvre joint acier galvanisé
- Joint NBR blanc FDA  $-30^{\circ}\text{C}/+110^{\circ}\text{C}$ ;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Boulons zingués
- Conductivité avec œillet

#### OPTIONS

- Version tout inox 304L
- Joint SBR noir  $-30^{\circ}\text{C}/+80^{\circ}\text{C}$
- Joint silicone VMQ  $-65^{\circ}\text{C}/+225^{\circ}\text{C}$ ;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint silicone détectable bleu  $-40^{\circ}\text{C}/+180^{\circ}\text{C}$ ;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint Viton FKM noir  $-20^{\circ}\text{C}/+250^{\circ}\text{C}$
- Raccord pont (voir p. 9)
- Raccord pour diamètres différents
- Lamelle de conductivité cuivre CU A1
- Anneau protecteur conducteur inox 304L (voir p. 9)

#### SPECIFICATION OF STANDARD COUPLING

- Outside skin in galvanised steel
- Gasket cover in galvanised steel
- White NBR gasket FDA  $-30^{\circ}\text{C}/+110^{\circ}\text{C}$ ;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Zinc plated bolts
- Conductivity with eyelet

#### OPTIONS

- All stainless steel 304L version
- Black SBR gasket  $-30^{\circ}\text{C}/+80^{\circ}\text{C}$
- Silicone VMQ gasket  $-65^{\circ}\text{C}/+225^{\circ}\text{C}$ ;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Blue gasket silicone  $-40^{\circ}\text{C}/+180^{\circ}\text{C}$ ;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Viton FKM gasket  $-20^{\circ}\text{C}/+250^{\circ}\text{C}$
- Coupling with clamp and side bars (see p. 9)
- Coupling for different diameters
- Conductivity strip in copper CU A1
- Conductive protection ring in stainless steel 304L (see p. 9)

- Référence réglementaire - Reference to regulation: **N°97/23/CE.G2 Art.3 §3**
- Exemple de marquage du produit - Example of product marking: **EURAC<sup>®</sup> HL D 88.9**



## COURBES PRESSION MAXIMUM EURAC HL: L 100, L 150 ET L 200

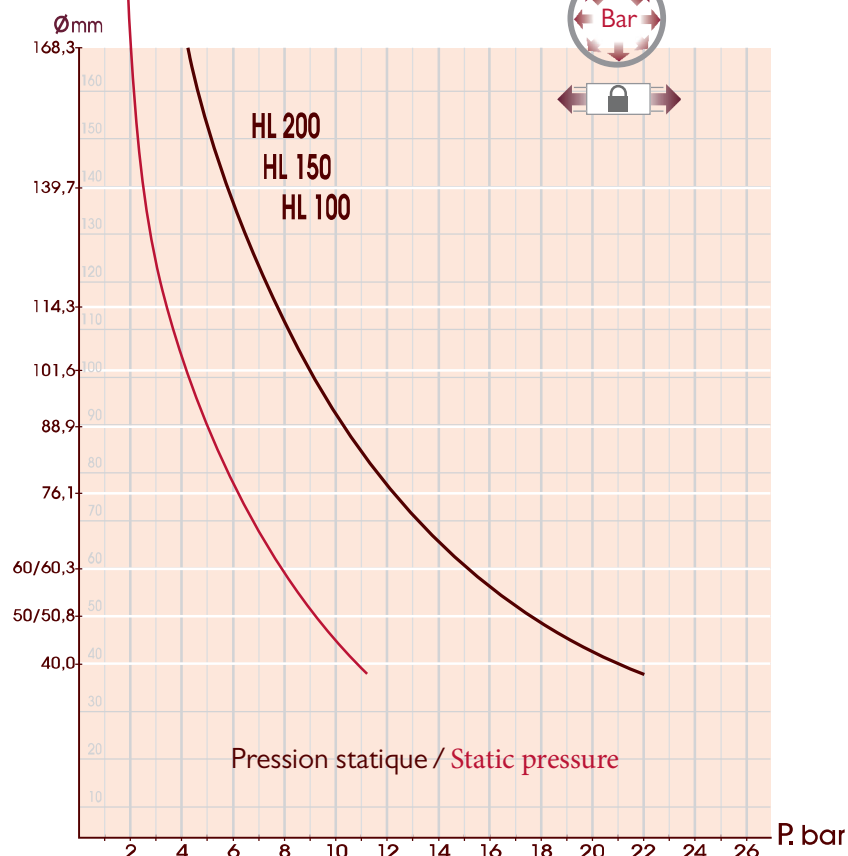
MAXIMUM PRESSURE CURVES FOR EURAC HL:

L100, L150 AND L200

Pression maximum  
de service tuyauterie libre  
Maximum working pressure  
with free-hanging pipes



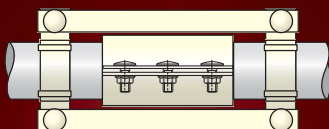
Pression maximum  
de service tuyauterie bloquée  
Maximum working pressure  
with clamped pipes



| Ø       | L100 | L150 | L200 |
|---------|------|------|------|
| 38,1    |      |      |      |
| 40      |      |      |      |
| 45      |      |      |      |
| 48,3    |      |      |      |
| 50/50,8 |      |      |      |
| 54      |      |      |      |
| 55      |      |      |      |
| 60/60,3 |      |      |      |
| 63,5    |      |      |      |
| 65      |      |      |      |
| 70      |      |      |      |
| 75      |      |      |      |
| 76,1    |      |      |      |
| 80      |      |      |      |
| 82      |      |      |      |
| 84      |      |      |      |
| 85      |      |      |      |
| 88,9    |      |      |      |
| 90      |      |      |      |
| 95      |      |      |      |
| 100     |      |      |      |
| 101,6   |      |      |      |
| 104     |      |      |      |
| 105     |      |      |      |
| 108     |      |      |      |
| 114,3   |      |      |      |
| 125     |      |      |      |
| 127     |      |      |      |
| 129     |      |      |      |
| 133     |      |      |      |
| 139,7   |      |      |      |
| 145     |      |      |      |
| 152,4   |      |      |      |
| 154     |      |      |      |
| 155     |      |      |      |
| 159     |      |      |      |
| 168,3   |      |      |      |

### OPTIONS - OPTIONS

- Raccord pont  
Coupling with clamp and side bars



- Anneau protecteur conducteur inox 304L  
Conductive protection ring in stainless steel 304L



- Raccord pour 2 diamètres différents  
Coupling for two tubes with different diameters



En stock - On stock  
Sur commande - On order  
Non disponible - Not available

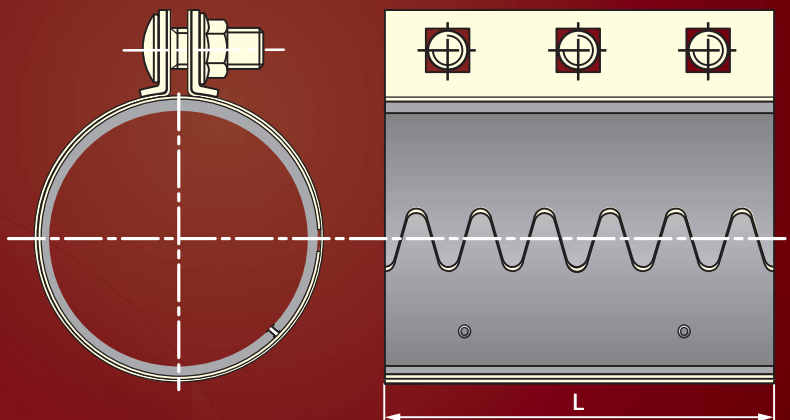


# TRANSPORT PNEUMATIQUE PHASE DILUÉE OU PHASE DENSE

## PNEUMATIC CONVEYING (DILUTED AND HEAVY CONCENTRATION LIGHT PARTICLES) VACUUM OR PRESSURE SYSTEMS



|                    |                              |
|--------------------|------------------------------|
| L                  | 150-200 mm                   |
| Ø                  | 38.1 <> 219.1 mm             |
| Boulons Bolts      | M12 < Ø 88,9<br>M16 ≥ Ø 88,9 |
| Serrage Tightening | M12: 60 N.m<br>M16: 120 N.m  |



### DESCRIPTIF STANDARD

- Enveloppe extérieure acier galvanisé
- Enveloppe intérieure acier galvanisé
- Joint NBR blanc FDA -30°C/+110°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Boulons zingués
- Conductivité avec œillet

### SPECIFICATION OF STANDARD COUPLING

- Outside skin in galvanised steel
- Inside skin in galvanised steel
- White NBR gasket FDA -30°C/+110°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Zinc plated bolts
- Conductivity with eyelet

### OPTIONS

- Version tout inox 304L
- Joint SBR noir -30°C/+80°C
- Joint silicone VMQ -65°C/+225°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint silicone détectable bleu -40°C/+180°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*
- Joint Viton FKM noir -20°C/+250°C
- Raccord pont (voir p. 11)
- Raccord pour diamètres différents (voir p. 11)
- Lamelle de conductivité cuivre CU A1
- Anneau protecteur conducteur inox 304L (voir p. 11)

### OPTIONS

- All stainless steel 304L version
- Black rubber SBR gasket -30°C/+80°C
- Silicone VMQ gasket -65°C/+225°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Blue silicone gasket -40°C/+180°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Viton FKM gasket -20°C/+250°C
- Coupling with clamp and side bars (see p. 11)
- Coupling for tubes with different diameters (see p. 11)
- Conductivity strip in copper CU A1
- Conductive protection ring in stainless steel 304L (see p. 11)

- Référence réglementaire - Reference to regulation: **N°97/23/CE.G2 Art.3 §3**
- Exemple de marquage du produit - Example of product marking: **EURAC®  D 88.9**

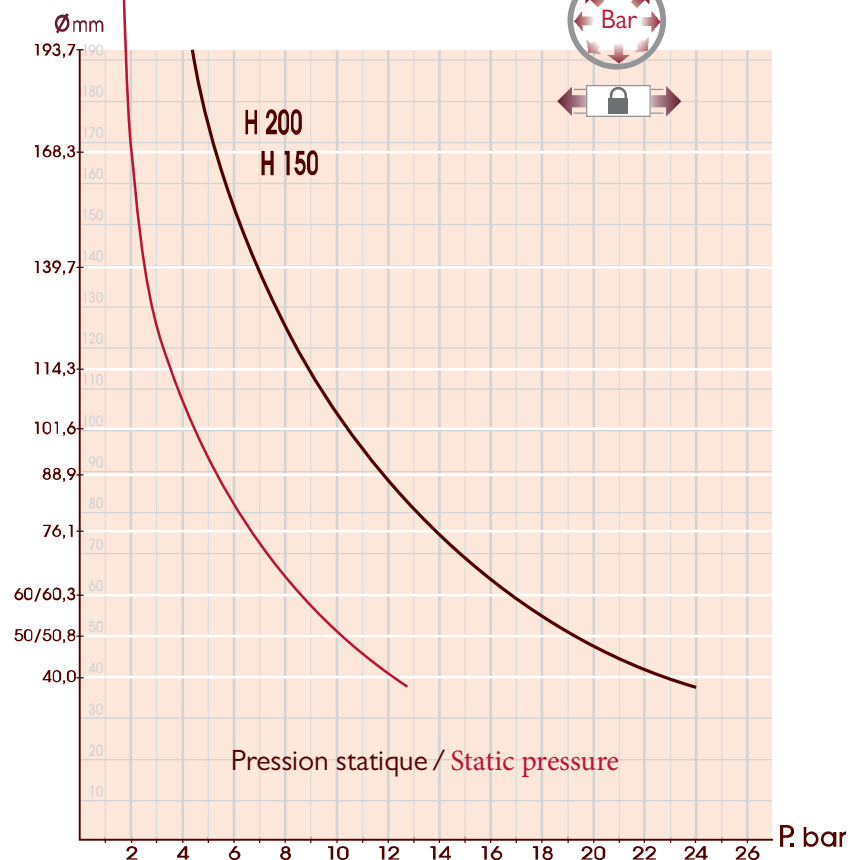
## COURBES PRESSION MAXIMUM EURAC H: L 150 ET L 200

MAXIMUM PRESSURE CURVES FOR EURAC H: L 150 AND L 200

Pression maximum  
de service tuyauterie libre  
Maximum working pressure  
with free-hanging pipes



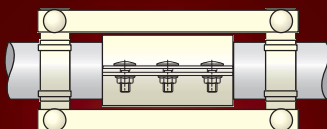
Pression maximum  
de service tuyauterie bloquée  
Maximum working pressure  
with clamped pipes



| Ø       | L 150 | L 200 |
|---------|-------|-------|
| 38,1    |       |       |
| 40      |       |       |
| 45      |       |       |
| 48,3    |       |       |
| 50/50,8 |       |       |
| 54      |       |       |
| 55      |       |       |
| 60/60,3 |       |       |
| 63,5    |       |       |
| 65      |       |       |
| 70      |       |       |
| 75      |       |       |
| 76,1    |       |       |
| 80      |       |       |
| 82      |       |       |
| 84      |       |       |
| 85      |       |       |
| 88,9    |       |       |
| 90      |       |       |
| 95      |       |       |
| 100     |       |       |
| 101,6   |       |       |
| 104     |       |       |
| 105     |       |       |
| 108     |       |       |
| 114,3   |       |       |
| 125     |       |       |
| 127     |       |       |
| 129     |       |       |
| 133     |       |       |
| 139,7   |       |       |
| 145     |       |       |
| 152,4   |       |       |
| 154     |       |       |
| 155     |       |       |
| 159     |       |       |
| 168,3   |       |       |
| 219,1   |       |       |

### OPTIONS - OPTIONS

- Raccord pont  
Coupling with clamp and side bars



- Anneau protecteur conducteur inox 304L  
Conductive protection ring in stainless steel 304L



- Raccord pour 2 diamètres différents  
Coupling for two tubes with different diameters

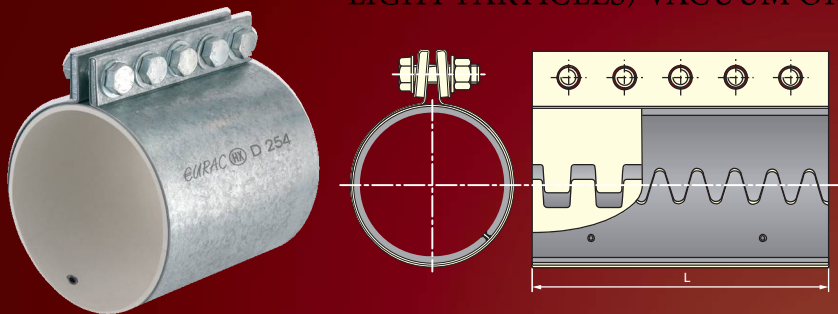


En stock - On stock

Sur commande - On order

# TRANSPORT PNEUMATIQUE PHASE DILUÉE OU PHASE DENSE

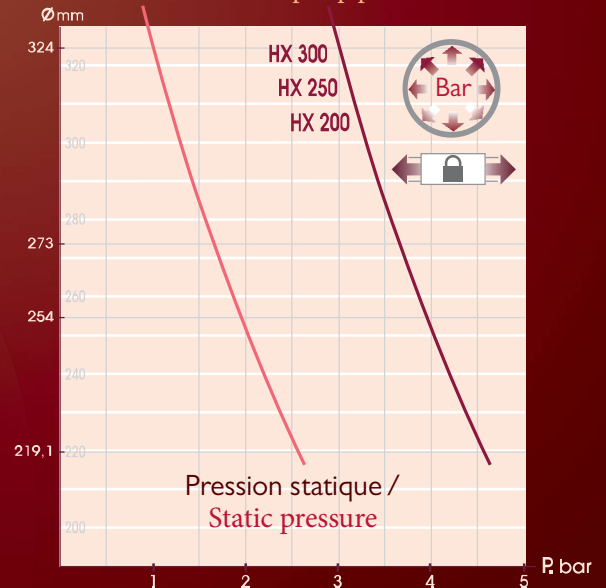
## PNEUMATIC CONVEYING (DILUTED AND HEAVY CONCENTRATION LIGHT PARTICLES) VACUUM OR PRESSURE SYSTEMS



|                    |                    |
|--------------------|--------------------|
| L                  | 200 - 250 - 300 mm |
| Ø                  | 200 <-> 355,6 mm   |
| Boulons Bolts      | M20                |
| Serrage Tightening | 200 N.m            |

Pression maximum de service tuyauterie libre  
Maximum working pressure with free-hanging pipes

Pression maximum de service tuyauterie bloquée  
Maximum working pressure with clamped pipes



### DESCRIPTIF STANDARD SPECIFICATION OF STANDARD COUPLING

- Enveloppe extérieure acier galvanisé  
Outside skin in galvanised steel
- Enveloppe intérieure acier galvanisé  
Inside skin in galvanised steel
- Joint NBR blanc FDA -30°C/+110°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*  
White NBR gasket FDA -30°C/+110°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Boulons zingués  
Zinc plated bolts
- Lamelle de conductivité inox 304 L  
Stainless steel 304 L, conductivity strip

### OPTIONS / OPTIONS

- Version tout inox 304L / All stainless steel 304L version
- Joint SBR noir -30°C/+80°C / Black SBR gasket -30°C/+80°C
- Joint silicone VMQ / Silicone VMQ gasket -65°C/+225°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Joint silicone détectable bleu -40°C/+180°C;  
*Règlement Européen 1935/2004 CE et REACH 1907/2006 CE*  
Blue silicone gasket -40°C/+180°C;  
*European Regulation 1935/2004 EC and REACH 1907/2006 EC*
- Joint Viton FKM noir -20°C/+250°C  
Viton FKM gasket -20°C/+250°C
- Raccord pont / Coupling with clamp and side bars
- Lamelle de conductivité cuivre CU A1  
Conductivity strip in copper CU A1
- Anneau protecteur conductif inox 304L  
Conductive protection ring in stainless steel 304L

En stock  
On stock

Sur commande  
On order

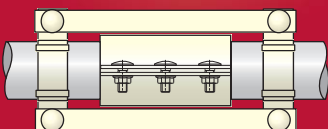
| Ø     | L200 | L250 | L300 |
|-------|------|------|------|
| 200   |      |      |      |
| 203,2 |      |      |      |
| 219,1 |      |      |      |
| 244,5 |      |      |      |
| 254   |      |      |      |
| 273   |      |      |      |
| 323,9 |      |      |      |
| 355,6 |      |      |      |

• Référence réglementaire - Reference to regulation:  
**N°97/23/CE. G2 Art.3 §3**

• Exemple de marquage du produit - Example of product marking:  
**EURAC® HX D 254**

### OPTIONS - OPTIONS

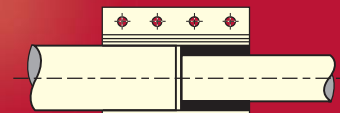
- Raccord pont  
Coupling with clamp and side bars



- Anneau protecteur conductif inox 304L  
Conductive protection ring in stainless steel 304L



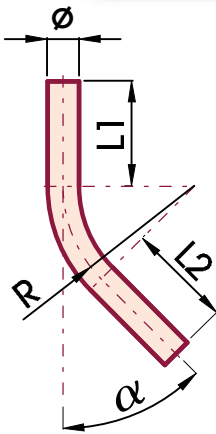
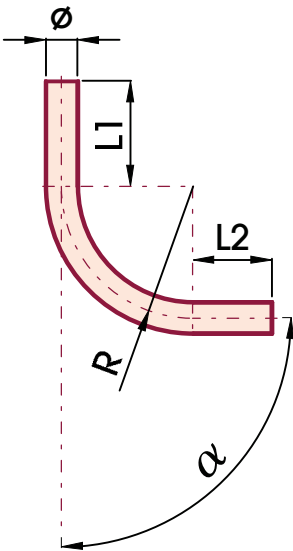
- Raccord pour 2 diamètres différents  
Coupling for two tubes with different diameters



Bends

COURBES À GRAND RAYON - INOX 304  
PIPE BENDS - STAINLESS STEEL 304

INTÉRIEUR / **INSIDE**:  
Rugosité / **Roughness** = Ra: 0.8 µm  
EXTÉRIEUR / **OUTSIDE**:  
Polissage ultra son / **Ultrasound Polishing**:  
Grain 220



| 02 BCBI    |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
|------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--|--|--|--|
| Tube Pipe  | R        | 90  |     |     |     |     | 150 |     |     |     |     | 250 |     |     |     |     | 300 |     |     |     |     | 380 |     |     |     |     | 500 |     |     |     |     | 800 |     |     |     |     | 1000 |  |  |  |  |
|            | $\alpha$ | 45° |     | 90° |     |     | 45° |     | 90° |     |     | 45° |     | 90° |     |     | 45° |     | 90° |     |     | 45° |     | 90° |     |     | 45° |     | 90° |     |     | 45° |     | 90° |     |     |      |  |  |  |  |
|            | LI = L2  | 100 | 200 | 100 | 185 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 |      |  |  |  |  |
| ø 38,1x1,5 |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 40x1,5   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 45x1,5   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 50x1,5   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 50x2     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 60,3x1,5 |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 63,5x1,5 |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 65x1,5   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 70x2     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 76,1x2   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 80x2     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 84x2     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 88,9x2   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 101,6x2  |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 104x2    |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 108x2    |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |
| ø 114,3x2  |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |  |  |  |  |

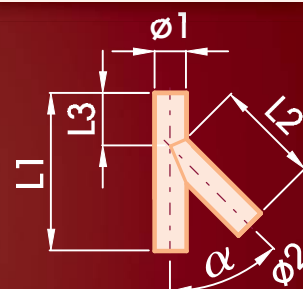
Disponible - Available

# PIÈCES DE LIAISON - INOX 304

## CONNECTORS - STAINLESS STEEL 304

### 02 BYAI - 30°

| Tube / Pipe<br>ø1 / ø2 |             | 30° |     |     |     |     |     |     |     |     |     |
|------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                        |             | L1  |     |     |     |     | L2  |     |     |     |     |
|                        |             | 250 | 300 | 370 | 400 | 450 | 160 | 200 | 250 | 300 | 350 |
| ø1 38,1x1,5            | ø2 38,1x1,5 |     |     |     |     |     |     |     |     |     |     |
| ø1 40x1,5              | ø2 40x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 45x1,5              | ø2 45x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 50x1,5              | ø2 50x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 60,3x1,5            | ø2 45x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 60,3x1,5            | ø2 60,3x1,5 |     |     |     |     |     |     |     |     |     |     |
| ø1 65x1,5              | ø2 65x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 70x2                | ø2 50x2     |     |     |     |     |     |     |     |     |     |     |
| ø1 70x2                | ø2 70x2     |     |     |     |     |     |     |     |     |     |     |
| ø1 76,1x2              | ø2 76,1x2   |     |     |     |     |     |     |     |     |     |     |
| ø1 80x2                | ø2 80x2     |     |     |     |     |     |     |     |     |     |     |
| ø1 84x2                | ø2 84x2     |     |     |     |     |     |     |     |     |     |     |
| ø1 88,9x2              | ø2 88,9x2   |     |     |     |     |     |     |     |     |     |     |
| ø1 101,6x2             | ø2 101,6x2  |     |     |     |     |     |     |     |     |     |     |
| ø1 108x2               | ø2 108x2    |     |     |     |     |     |     |     |     |     |     |
| ø1 114,3x2             | ø2 114,3x2  |     |     |     |     |     |     |     |     |     |     |

INTÉRIEUR / **INSIDE**:Rugosité / **Roughness** = Ra: 0.8 µmEXTÉRIEUR / **OUTSIDE**:Polissage ultra son / **Ultrasound Polishing** :  
Grain 220

$$L3 = L1 - L2$$



### 02 BYAI - 45°

| Tube / Pipe<br>ø1 / ø2 |             | 45° |     |     |     |     |     |     |     |     |     |
|------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                        |             | L1  |     |     |     |     | L2  |     |     |     |     |
|                        |             | 250 | 300 | 370 | 400 | 450 | 160 | 200 | 250 | 300 | 350 |
| ø1 38,1x1,5            | ø2 38,1x1,5 |     |     |     |     |     |     |     |     |     |     |
| ø1 40x1,5              | ø2 40x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 45x1,5              | ø2 45x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 50x1,5              | ø2 50x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 60,3x1,5            | ø2 45x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 60,3x1,5            | ø2 60,3x1,5 |     |     |     |     |     |     |     |     |     |     |
| ø1 65x1,5              | ø2 65x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 70x2                | ø2 70x2     |     |     |     |     |     |     |     |     |     |     |
| ø1 76,1x2              | ø2 50x1,5   |     |     |     |     |     |     |     |     |     |     |
| ø1 76,1x2              | ø2 60,3x1,5 |     |     |     |     |     |     |     |     |     |     |
| ø1 76,1x2              | ø2 76,1x2   |     |     |     |     |     |     |     |     |     |     |
| ø1 80x2                | ø2 80x2     |     |     |     |     |     |     |     |     |     |     |
| ø1 84x2                | ø2 84x2     |     |     |     |     |     |     |     |     |     |     |
| ø1 88,9x2              | ø2 88,9x2   |     |     |     |     |     |     |     |     |     |     |
| ø1 100x2               | ø2 100x2    |     |     |     |     |     |     |     |     |     |     |
| ø1 101,6x2             | ø2 101,6x2  |     |     |     |     |     |     |     |     |     |     |
| ø1 104x2               | ø2 104x2    |     |     |     |     |     |     |     |     |     |     |
| ø1 108x2               | ø2 108x2    |     |     |     |     |     |     |     |     |     |     |
| ø1 114,3x2             | ø2 114,3x2  |     |     |     |     |     |     |     |     |     |     |



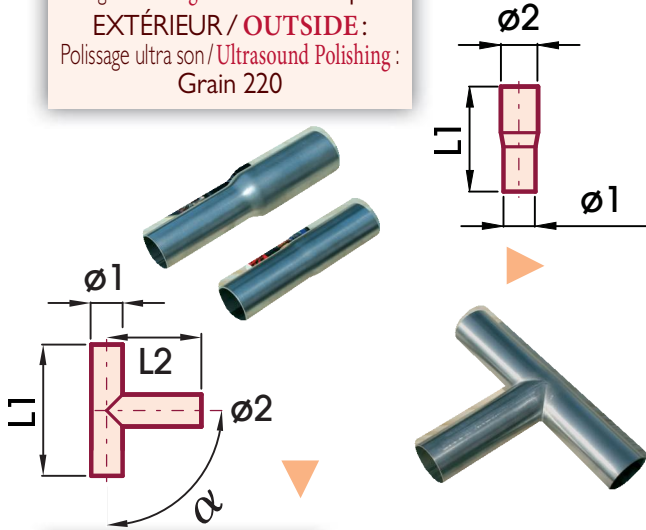
### 02 BYAI - 60°

| Tube / Pipe<br>ø1 / ø2 |           | 45° |     |     |     |     |     |     |     |     |     |
|------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                        |           | L1  |     |     |     |     | L2  |     |     |     |     |
|                        |           | 250 | 300 | 370 | 400 | 450 | 160 | 200 | 250 | 300 | 350 |
| ø1 50,1x1,5            | ø2 50x1,5 |     |     |     |     |     |     |     |     |     |     |
| ø1 65x1,5              | ø2 65x1,5 |     |     |     |     |     |     |     |     |     |     |

Disponible - Available

## PIÈCES DE LIAISON - INOX 304 CONNECTORS - STAINLESS STEEL 304

INTÉRIEUR / **INSIDE**:  
Rugosité / **Roughness** = Ra: 0.8 µm  
EXTÉRIEUR / **OUTSIDE**:  
Polissage ultra son / **Ultrasound Polishing**:  
Grain 220



### 02 BTEI

| Tube/Pipe<br>ø1 ≠ ø2 |             | α   | LI  |     | L2  |     |
|----------------------|-------------|-----|-----|-----|-----|-----|
|                      |             | 90° | 200 | 300 | 100 | 150 |
| ø1 50x1,5            | ø2 40x1,5   |     |     |     |     |     |
| ø1 60,3x1,5          | ø2 45x1,5   |     |     |     |     |     |
| ø1 60,3x1,5          | ø2 50x1,5   |     |     |     |     |     |
| ø1 65x1,5            | ø2 50x1,5   |     |     |     |     |     |
| ø1 76,1x2            | ø2 60,3x1,5 |     |     |     |     |     |

### 02 BTEI

| Tube/Pipe<br>ø1 = ø2 |             | α   | LI  |     | L2  |     |
|----------------------|-------------|-----|-----|-----|-----|-----|
|                      |             | 90° | 200 | 300 | 100 | 150 |
| ø1 38,1x1,5          | ø2 38,1x1,5 |     |     |     |     |     |
| ø1 40x1,5            | ø2 40x1,5   |     |     |     |     |     |
| ø1 45x1,5            | ø2 45x1,5   |     |     |     |     |     |
| ø1 50x1,5            | ø2 50x1,5   |     |     |     |     |     |
| ø1 60,3x1,5          | ø2 60,3x1,5 |     |     |     |     |     |
| ø1 65x1,5            | ø2 65x1,5   |     |     |     |     |     |
| ø1 70x2              | ø2 70x2     |     |     |     |     |     |
| ø1 76,1x2            | ø2 76,1x2   |     |     |     |     |     |
| ø1 80x2              | ø2 80x2     |     |     |     |     |     |
| ø1 84x2              | ø2 84x2     |     |     |     |     |     |
| ø1 88,9x2            | ø2 88,9x2   |     |     |     |     |     |
| ø1 101,6x2           | ø2 101,6x2  |     |     |     |     |     |
| ø1 104x2             | ø2 104x2    |     |     |     |     |     |
| ø1 114,3x2           | ø2 114,3x2  |     |     |     |     |     |

### 02 BREI

| Tube / Pipe |            | LI  |     |
|-------------|------------|-----|-----|
| ø1          | ø2         | 150 | 200 |
| ø 38x1,5    | ø 40x1,5   |     |     |
| ø 38x1,5    | ø 45x1,5   |     |     |
| ø 38x1,5    | ø 54x1,5   |     |     |
| ø 40x1,5    | ø 45x1,5   |     |     |
| ø 40x1,5    | ø 50x1,5   |     |     |
| ø 40x1,5    | ø 54x1,5   |     |     |
| ø 40x1,5    | ø 60,3x1,5 |     |     |
| ø 44,5x1,5  | ø 50x1,5   |     |     |
| ø 45x1,5    | ø 54x1,5   |     |     |
| ø 45x1,5    | ø 60,3x1,5 |     |     |
| ø 50x1,5    | ø 54x1,5   |     |     |
| ø 50x1,5    | ø 60,3x1,5 |     |     |
| ø 50x1,5    | ø 65x1,5   |     |     |
| ø 50x1,5    | ø 70x1,5   |     |     |
| ø 54x1,5    | ø 70x1,5   |     |     |
| ø 60,3x1,5  | ø 63,5x1,5 |     |     |
| ø 60,3x1,5  | ø 65x1,5   |     |     |
| ø 60,3x1,5  | ø 70x1,5   |     |     |
| ø 60,3x1,5  | ø 76,1x1,5 |     |     |
| ø 60,3x1,5  | ø 80x1,5   |     |     |
| ø 65x2      | ø 70x2     |     |     |
| ø 65x2      | ø 76,1x2   |     |     |
| ø 65x2      | ø 80x2     |     |     |
| ø 65x2      | ø 84x2     |     |     |
| ø 70x2      | ø 76,1x2   |     |     |
| ø 70x2      | ø 80x2     |     |     |
| ø 70x2      | ø 84x2     |     |     |
| ø 70x2      | ø 88,9x2   |     |     |
| ø 76,1x2    | ø 63,5x2   |     |     |
| ø 76,1x2    | ø 80x2     |     |     |
| ø 76,1x2    | ø 84x2     |     |     |
| ø 76,1x2    | ø 88,9x2   |     |     |
| ø 80x2      | ø 84x2     |     |     |
| ø 80x2      | ø 88,9x2   |     |     |
| ø 80x2      | ø 100x2    |     |     |
| ø 84x2      | ø 88,9x2   |     |     |
| ø 84x2      | ø 101,6x2  |     |     |
| ø 84x2      | ø 104x2    |     |     |
| ø 88,9x2    | ø 101,6x2  |     |     |
| ø 88,9x2    | ø 104x2    |     |     |
| ø 88,9x2    | ø 108x2    |     |     |
| ø 101,6x2   | ø 104x2    |     |     |
| ø 101,6x2   | ø 108x2    |     |     |
| ø 101,6x2   | ø 114,3x2  |     |     |
| ø 104x2     | ø 108x2    |     |     |
| ø 104x2     | ø 114,3x2  |     |     |
| ø 108x2     | ø 114,3x2  |     |     |

Disponible - Available



[www.stifnet.com](http://www.stifnet.com)



## EUROPE



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49170 Saint-Georges-sur-Loire  
FRANCE  
Tél.: +33 2 41 72 16 82  
Fax: +33 2 41 39 32 12  
E mail: [sales@stifnet.com](mailto:sales@stifnet.com)  
Web: [www.stifnet.com](http://www.stifnet.com)

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08880 Cubelles  
BARCELONA - ESPAÑA  
Tél.: +34 938 950 262  
Fax: +34 938 950 298  
E mail: [ventas@stifiberica.es](mailto:ventas@stifiberica.es)  
Web: [www.stifnet.com](http://www.stifnet.com)

### **STIF EASTERN EUROPE** Bureau Commercial Sales Office

Saltovskoe Hwy., 43,  
Letter G-3, office 303  
61038 KHARKOV  
UKRAINE  
E mail: [stiffee@stifnet.com](mailto:stiffee@stifnet.com)  
Web: [www.stifnet.com](http://www.stifnet.com)

## AMERICA

### **STIF AMERICA** Bureau Commercial Sales Office

Oficina 4-04 – Centro Empresarial  
Mar del Sur  
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Rep. de PANAMÁ  
Tél.: +507 393-3787  
Fax: +507 393-7467  
E mail: [stifamerica@stifnet.com](mailto:stifamerica@stifnet.com)  
Web: [www.stifnet.com](http://www.stifnet.com)

## ASIA

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Unit 7, N°2318  
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Wuzhong District, Suzhou City  
Jiangsu Province, CHINA  
Ph.: +86 512 6656 8968  
Fax: +86 512 6656 9128  
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E mail: [sales@stif.com.sg](mailto:sales@stif.com.sg)  
Web: [www.stifnet.com](http://www.stifnet.com)

### **PT. STIF INDONESIA**

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Sales Office  
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Fax: +62 21 8499 5151  
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