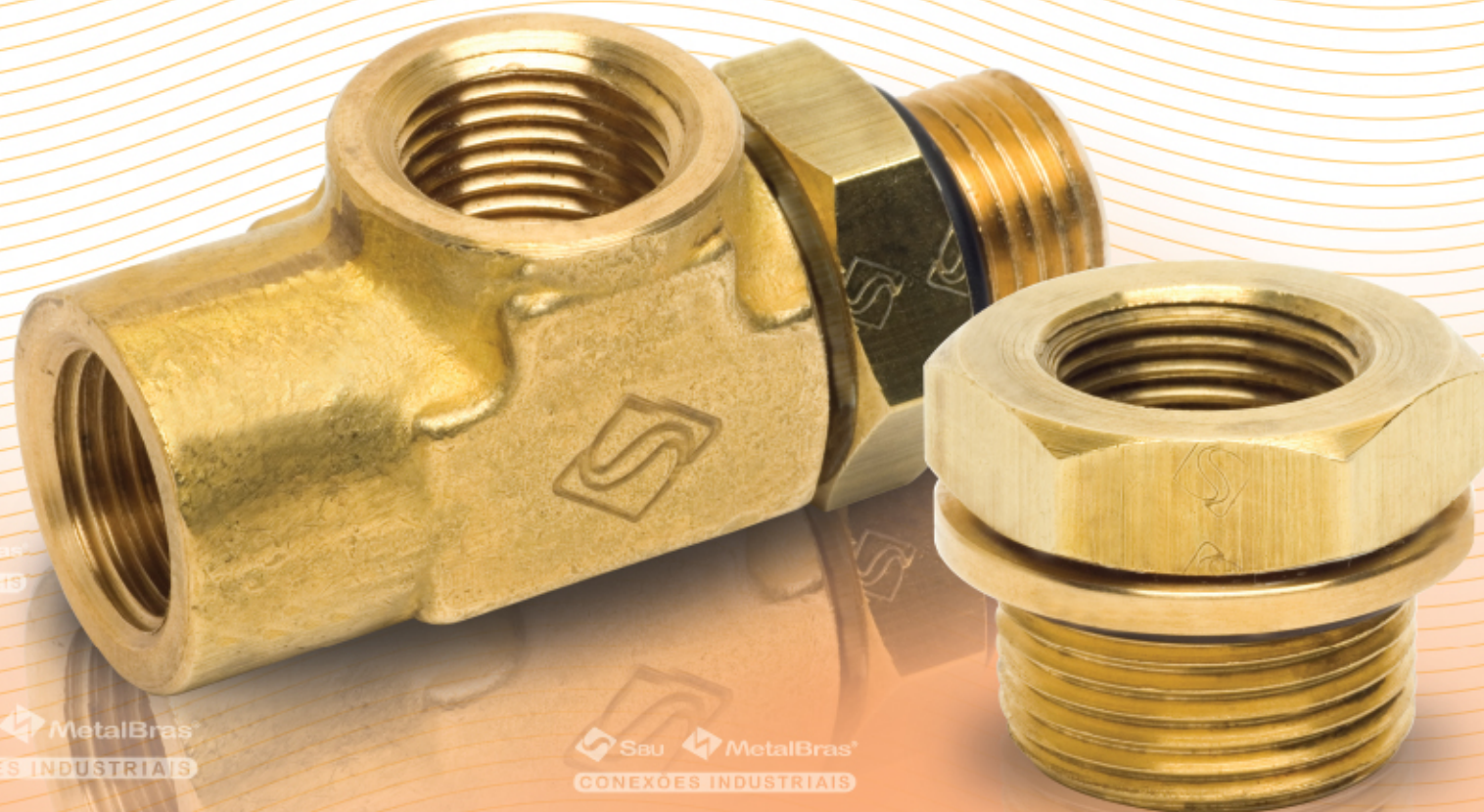


# Adaptadores

grupo **60**

Adaptadores / Adapters



MetalBras  
CONEXÕES INDUSTRIAIS

SBU MetalBras  
CONEXÕES INDUSTRIAIS

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CONEXÕES INDUSTRIAIS

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CONEXÕES INDUSTRIAIS

SBU MetalBras  
CONEXÕES INDUSTRIAIS

## Adaptadores

Adaptadores

Adapters

### Conexões em latão extrudado (CLA – 360) – e latão forjado (CLA -377), evitando risco de porosidade e trincos.

Conexiones en latón extrudado (CLA – 360) y latón forjado (CLA – 377), evitando riesgo de porosidad y quiebras.

Fittines made of extruded brass (CLA 360) and forged brass (CLA – 377), thus avoiding risk of porosity and cracks.

### Resistência a choques mecânicos, golpes e vibrações.

Resistencia a choques mecânicos, golpes y vibraciones.

Resistant to mechanical shocks, strokes and vibrations.

### Especialmente produzidas para solucionar problemas de medidas e adaptações fora de linhas.

Especialmente producidas para solucionar problemas de medidas y adaptaciones fuera de línea.

Specially designed to solve dimension problem and discontinued – product adaptations.

### Aplicadas em sistemas que exijam grande variação de combinações e ligações.

Aplicadas en sistemas que exigen gran variación de combinaciones y ligaciones.

Used in systems that require a wide range of combination and connections.

### Pressão de trabalho: até 1500 lbr/po<sup>2</sup>.

Presión de trabajo: 1500 lbr/po<sup>2</sup>.

Working pressure: up to 1500 psi.

## 6003

**Niple**  
Niple Nipple

**rosca NPT x rosca NPT**

rosca NPT x rosca NPT  
thread NPT x thread NPT



1/8

1/4

3/8

1/2

3/4

1"

M16x1,5

M22x1,5

## 6003A

**Niple**  
(orientável)  
Niple (adjustable)  
Niple (Swivel)

**rosca x rosca**

rosca x rosca  
thread x thread



M16 x 1,5

M22 x 1,5

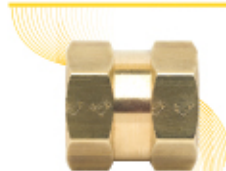
M16 x 1,5 (Extra Longa)

## 6005

**União Fêmea**  
Unión Hembra  
Female Union

**rosca NPT int. x rosca NPT int**

rosca NPT int. x rosca NPT int.  
thread NPT int. x thread NPT int.



M16x1,5

M22x1,5

**6007** Cotovelo Macho  
Codo Macho  
Male Elbow



**rosca NPT x rosca NPT**

*rosca NPT x rosca NPT  
thread NPT x thread NPT*

1/8  
1/4  
3/8  
1/2  
3/4

**6008** Cotovelo Fêmea  
Codo Hembra  
Female Elbow



**rosca NPT x rosca NPT**

*rosca NPT x rosca NPT  
thread NPT x thread NPT*

1/8  
1/4  
3/8  
1/2  
3/4  
M16x1,5

**6009** Tee Fêmea  
Tee Hembra  
Female Tee



**3 lados rosca NPT**  
*3 sides rosca NPT  
3 sides thread NPT*

1/8  
1/4  
3/8  
1/2  
3/4  
M16x1,5

**6010** Tee Macho Central  
Tee Macho Central  
Branch Male Tee



**macho cent. x fêmea lat. NPT**

*macho cent. x hembra lat. NPT  
branch male x run female NPT*

1/4

**Tee Fêmea x Macho Lateral**

*Tee Hembra x Macho Lateral  
Female Tee x Run Male Lateral*

**6011**



**Tee rosca ext. + 2 lados rosca int. NPT**

*Tee rosca ext. + 2 lados rosca int. NPT  
Ext. thread tee + two sides int. thread NPT*

1/8  
1/4  
3/8  
1/2  
M16x1,5 orientável  
M22x1,5 orientável

**6012** Tee Macho  
Tee Macho  
Male Tee



**3 lados rosca NPT**  
*3 sides rosca NPT  
3 sides thread NPT*

1/8  
1/4  
3/8  
1/2

**6023** Bujão Cabeça Sextavada  
Tapón Cabeza Hexagonal  
Hex-Headed Plug



**com rosca de com rosca de**  
*thread of thread of*

1/8	M12x1,5 aço
1/4	M14x1,5 aço
3/8	M16 x1,5 aço
1/2	M18x1,5 aço
3/4	M22x1,5 aço
1"	M26x1,5
M10x1,0	

**6024** **Bujão Cabeça Sextavada Int.**  
Tapón Cabeza Hexagonal Interna  
Internal Hex-Headed Plug



com rosca NPT  
com rosca NPT  
thread NPT

1/8  
1/4  
3/8  
1/2  
3/4  
1"

**6025** **Bujão Cabeça Quadrada**  
Tapón Cabeza Cuadrada  
Plug



rosca NPT  
rosca NPT  
thread NPT

1/8  
1/4  
3/8  
1/2  
3/4  
1"

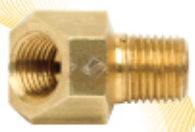
**6026** **Bujão Sextavada Interna Redução**  
Tapón Hexagonal Interna Reducción  
Reduction Internal Hex-Headed Plug



rosca NPT  
rosca NPT  
thread NPT

1/4 NPT x 1/8 NPT  
1/2 BSP x 1/4 NPT  
1/2 BSP x 1/4 BSP  
1/2 NPT x 1/4 NPT  
1/2 BSP x 3/8 NPT  
1/2 BSP x 3/8 BSP  
1/2 NPT x 3/8 NPT

**6029** **Cotovelo Macho x Fêmea Curto**  
Codo Macho x Hembra Curto  
Male Short x Female Elbow



rosca NPT  
rosca NPT  
thread NPT

1/8  
1/4

**6033** **Niple de Redução**  
Niple de Reducción  
Reduction Nipple



rosca NPT ext. x rosca NPT ext.  
rosca NPT ext. x rosca NPT ext.  
external thread NPT x external thread NPT

1/8 x 1/4  
1/8 x 3/8  
1/4 x 3/8  
1/4 x 1/2  
3/8 x 1/2  
1/2 x 3/4  
3/8 x 3/4  
1/2 x 1"  
3/4 x 1"  
M16x1,5 x M22x1,5

**6033A** **Niple de Redução**  
Niple de Reducción  
Reduction nipple



redutor  
macho x macho  
reducer  
reducer  
male x male  
M16x1,5 x M12x1,5  
M22x1,5 x M16x1,5

**6034** **Extensão (niple longo)**  
Extensión (niple largo)  
Extensión (long nipple)



rosca NPT x comp.  
rosca NPT x largura  
thread NPT x length

1/8 x 3/4  
1/8 x 1" 1/2  
1/8 x 2"  
1/8 x 2 1/2  
1/8 x 3"  
1/8 x 3" 1/2  
1/4 x 3/4  
1/4 x 1 1/2  
1/4 x 2  
1/4 x 2 1/2  
1/4 x 3"

rosca NPT x comp.  
rosca NPT x largura  
thread NPT x length

1/4 x 3" 1/2  
3/8 x 1" 1/2  
3/8 x 2"  
3/8 x 2" 1/2  
3/8 x 3"  
3/8 x 3" 1/2  
1/2 x 1" 1/2  
1/2 x 2"  
1/2 x 2 1/2  
1/2 x 3"  
1/2 x 3 1/2

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**6043**

**Cruzeta c/  
Rosca Fêmea**  
*Cruz c/ Rosca Hembra  
Female Cross*

**4 x rosca NPT**  
*4 x rosca NPT  
4 x thread NPT*



1/8  
1/4  
3/8  
1/2

**6044**

**União  
Desmontável  
c/ Rosca Fêmea**  
*Unión Desmontable  
c/ Rosca Hembra  
Dismount Female Union*

**2 x rosca int. NPT**  
*2 x rosca int. NPT  
2 x internal thread NPT*



1/8  
1/4  
3/8  
1/2

**6045**

**Cotovelo 45°  
Forjado**  
*Codo 45° Forjado  
Forged Elbow 45°*

**macho x fêmea**  
*macho x hembra  
male x female*



1/8  
1/4  
3/8  
1/2

**6046**

**União p/  
painel**  
*Unión p/ Panel  
Panel Union*

**r. fêmea x r. fêmea**  
*r. hembra x r. hembra  
f. female x f. female*



1/8 (5/8 X 18f)  
1/4 (3/4 X 16f)  
3/8 (1" X 14f)  
1/2 (1" 1/8 X 14f)  
M16 x 1,5 (M22 X 1,5)

**6047**

**Cotovelo  
Fêmea 45°**  
*Codo Hembra 45°  
Female Elbow 45°*

**r. fêmea x r. fêmea**  
*r. hembra x r. hembra  
f. female x f. female*



M16 x 1,5

**6079**

**Tampão Fêmea**  
*Tapón Hembra  
Female Plug*

**rosca NPT**  
*rosca NPT  
thread NPT*



1/8  
1/4  
3/8  
1/2  
3/4  
M16 x 1,5