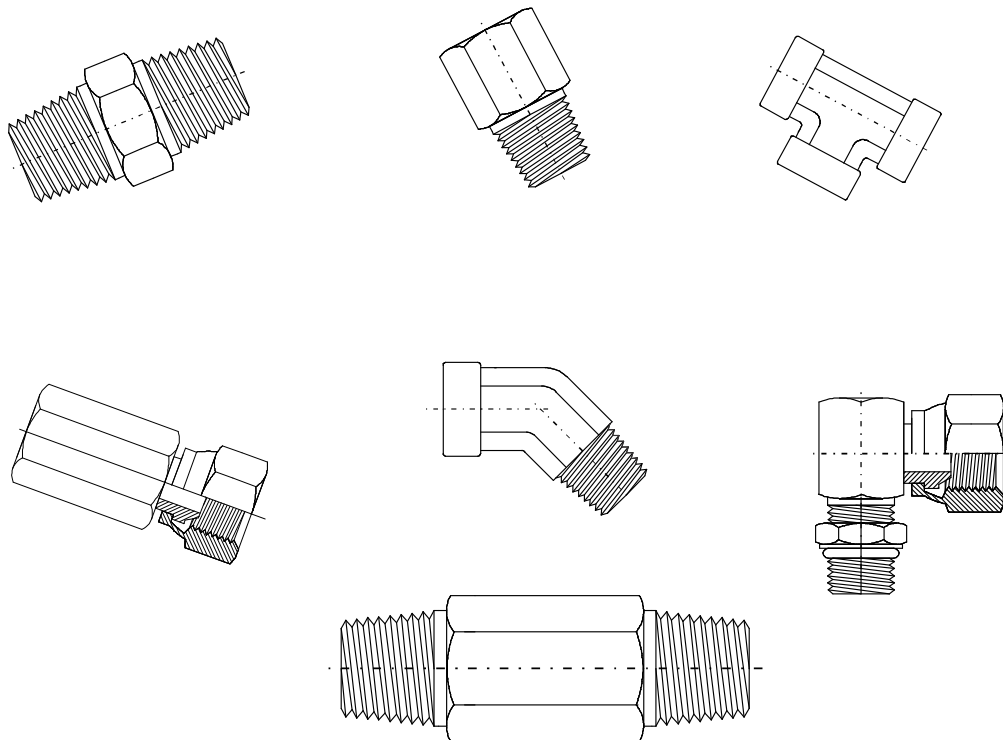




# ***Adaptadores***



**SAE J514**

## ADAPTADORES - SAE J514

### Materiais dos Adaptadores:

| Componentes                     | Matéria Prima                |                      |                     |
|---------------------------------|------------------------------|----------------------|---------------------|
|                                 | Aço (C)                      | Latão (B)            | Inox (S)            |
| Corpo da Conexão linear e Porca | SAE 12L14 9SMnPb Trefilado   | SAE CA 360 Trefilado | SAE 30316 Trefilado |
| Corpo da Conexão Angular        | SAE 1020 1030 / 1035 Forjado | SAE CA377 Forjado    | SAE 30316 Forjado   |

### Tratamentos Superficiais:

| Material         | Tratamento Superficial                                                                                                                                                                                   |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aço (C)</b>   | - Eletrodeposição de Zinco com cromatização azul ( <b>Trivalente</b> )<br>Resistência: 96 Horas de Ensaio de Nevoa Salina (Salt Spray) ASTM B-117<br>- Fosfatização ou Oxidação Negra (itens para solda) |
| <b>Latão (B)</b> | Decapagem                                                                                                                                                                                                |
| <b>Inox (S)</b>  | Decapagem e Passivação                                                                                                                                                                                   |

#### TRATAMENTO SUPERFICIAL ECOLÓGICO

A MILANO vem utilizando o tratamento de eletrodeposição de Zinco com cromatização azul (Trivalente) ecológicamente correto, com a utilização de cromo trivalente.

Outras informações, favor consultar nosso Dpto de Vendas e / ou Dpto Técnico. Tel. (19) 2102-2500  
E-mail: [vendas@milano.ind.br](mailto:vendas@milano.ind.br) e/ou [milano@milano.ind.br](mailto:milano@milano.ind.br) - Site: [www.milano.ind.br](http://www.milano.ind.br)

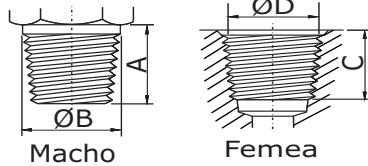
# ADAPTADORES - SAE J514



## ROSCA NPT

CÔNICA

ANSI / ASME B1.20.3



| Rosca NPT    | A    | Ø B  | C    | Ø D  |
|--------------|------|------|------|------|
| 1/8-27       | 10,0 | 10,4 | 9,0  | 9,0  |
| 1/4-18       | 14,2 | 13,9 | 12,5 | 11,7 |
| 3/8-18       | 14,2 | 17,3 | 13,5 | 15,2 |
| 1/2-14       | 19,0 | 21,6 | 16,5 | 18,8 |
| 3/4-14       | 19,0 | 27,0 | 17,5 | 24,0 |
| 1-11.1/2     | 24,0 | 33,7 | 20,5 | 30,0 |
| 1.1/4-11.1/2 | 25,0 | 42,5 | 21,0 | 38,8 |
| 1.1/2-11.1/2 | 25,5 | 48,7 | 21,0 | 45,0 |
| 2-11.1/2     | 26,0 | 60,7 | 22,0 | 57,0 |
| 2.1/2-8      | 38,5 | 73,5 | 30,0 | 68,0 |
| 3-8          | 40,0 | 89,4 | 32,0 | 84,0 |

## ROSCA BSP

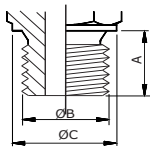
DIN 3852-2 / ISO 1179

Rosca Paralela Forma "A"  
Junta de Cobre "JC"  
Junta Metal/Borr "AVS"

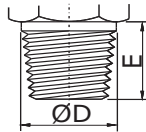
Rosca Cônica-BS 21/JIS B203  
Auto Vedante - Posicionável  
Monta com Rôca Fêmea Paralela

Rosca Paralela Forma "E"  
Vedação: Quadriring "Q"

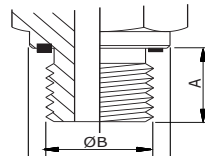
Rosca Paralela Fêmea  
Monta com Rôca Macho  
Forma A, Cônica e  
Forma E



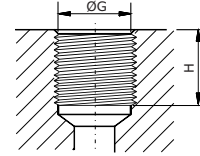
Macho BSP



Macho BSPT



Macho BSP



Fêmea BSP

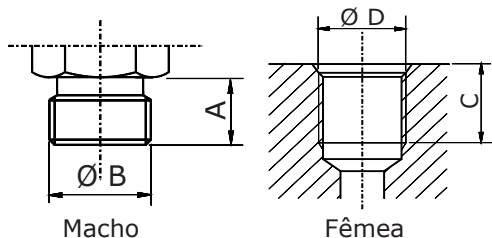
| Rosca BSP / BSPT | Passo | A    | Ø B  | Ø C   | Ø D  | E    | Ø F   | Ø G  | H    |
|------------------|-------|------|------|-------|------|------|-------|------|------|
| 1/8              | 28    | 8,0  | 9,6  | 14,0  | 10,1 | 10,0 | 14,0  | 8,8  | 10,0 |
| 1/4              | 19    | 12,0 | 13,0 | 18,0  | 13,7 | 14,2 | 18,9  | 11,8 | 13,0 |
| 3/8              | 19    | 12,0 | 16,5 | 22,0  | 17,2 | 14,2 | 22,0  | 15,3 | 15,0 |
| 1/2              | 14    | 14,0 | 20,8 | 26,0  | 21,6 | 19,0 | 26,9  | 19,0 | 16,0 |
| 3/4              | 14    | 16,0 | 26,3 | 32,0  | 27,0 | 19,0 | 32,0  | 24,5 | 17,0 |
| 1                | 11    | 18,0 | 33,0 | 39,0  | 34,1 | 24,0 | 39,9  | 30,7 | 20,0 |
| 1.1/4            | 11    | 20,0 | 41,8 | 49,0  | 42,7 | 25,0 | 49,9  | 39,6 | 22,0 |
| 1.1/2            | 11    | 22,0 | 47,7 | 55,0  | 48,6 | 25,5 | 55,0  | 45,4 | 22,0 |
| 2                | 11    | 24,0 | 59,5 | 68,0  | 60,0 | 26,0 | ----- | 57,2 | 24,0 |
| 2.1/2            | 11    | 26,0 | 75,0 | 87,0  | 75,5 | 38,5 | ----- | 72,7 | 26,0 |
| 3                | 11    | 28,0 | 87,7 | 103,0 | 89,0 | 40,0 | ----- | 85,5 | 28,0 |

## ADAPTADORES - SAE J514

### ROSCA UNF

#### SAE J1926 / ISO 11926

A rosca UNF usa O'ring para vedação



| Rosca UNF Paralela | Passo | A    | Ø B  | C    | Ø D  |
|--------------------|-------|------|------|------|------|
| 5/16               | 24    | 7,5  | 7,8  | 10,0 | 6,9  |
| 3/8                | 24    | 7,5  | 9,4  | 10,0 | 8,5  |
| 7/16               | 20    | 9,2  | 11,0 | 11,5 | 9,8  |
| 1/2                | 20    | 9,2  | 12,6 | 11,5 | 11,5 |
| 9/16               | 18    | 10,0 | 14,1 | 12,7 | 12,9 |
| 3/4                | 16    | 11,1 | 18,9 | 14,2 | 17,5 |
| 7/8                | 14    | 12,7 | 22,1 | 16,5 | 20,5 |
| 1.1/16             | 12    | 15,0 | 26,8 | 19,0 | 24,9 |
| 1.3/16             | 12    | 15,0 | 30,0 | 19,0 | 28,0 |
| 1.5/16             | 12    | 15,0 | 33,1 | 19,0 | 31,2 |
| 1.5/8              | 12    | 15,0 | 41,1 | 19,0 | 39,2 |
| 1.7/8              | 12    | 15,0 | 47,5 | 19,0 | 45,6 |
| 2.1/2              | 12    | 15,0 | 63,3 | 19,0 | 61,4 |

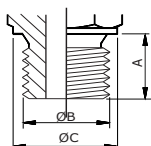
### ROSCA MÉTRICA DIN 3852

Rosca Paralela Forma "A"  
Junta de Cobre "JC"  
Junta Metal/Borr "AVS"  
ISO 9972 / ISO 9975

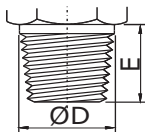
Rosca Cônica - DIN 3852-1  
Auto Vedante - Posicionável  
Monta com Rôscas Fêmea Paralela

Rosca Paralela Forma "E"  
Vedação: Quadring "Q"  
ISO 9974

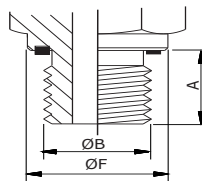
Rosca Paralela Fêmea  
Monta com Rosca Macho Forma A, Cônica e Forma E



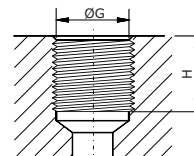
Macho **M**



Macho **MK**



Macho **M**



Fêmea **M**

| Roscas Métricas   |                  |      |      |      |      |      |      |      |      |
|-------------------|------------------|------|------|------|------|------|------|------|------|
| Paralela <b>M</b> | Cônica <b>MK</b> | A    | Ø B  | Ø C  | Ø D  | E    | Ø F  | Ø G  | H    |
| M8X1,0            | MK8x1,0          | 8,0  | 8,0  | 12,0 | 8,2  | 8,0  | ---- | 7,0  | 11,0 |
| M10X1,0           | MK10x1,0         | 8,0  | 10,0 | 14,0 | 10,2 | 8,0  | 18,0 | 9,0  | 11,0 |
| M12X1,5           | MK12x1,5         | 12,0 | 12,0 | 17,0 | 12,3 | 12,0 | 20,0 | 10,5 | 15,0 |
| M14X1,5           | MK14x1,5         | 12,0 | 14,0 | 19,0 | 14,3 | 12,0 | 22,0 | 12,5 | 15,0 |
| M16X1,5           | MK16x1,5         | 12,0 | 16,0 | 21,0 | 16,3 | 12,0 | 24,2 | 14,5 | 15,0 |
| M18X1,5           | MK18x1,5         | 12,0 | 18,0 | 23,0 | 18,3 | 12,0 | 26,5 | 16,5 | 16,0 |
| M20X1,5           | MK20x1,5         | 14,0 | 20,0 | 25,0 | 20,3 | 12,0 | ---- | 18,5 | 17,0 |
| M22X1,5           | MK22x1,5         | 14,0 | 22,0 | 27,0 | 22,3 | 14,0 | 30,0 | 20,5 | 17,0 |
| M24X1,5           | MK24x1,5         | 14,0 | 24,0 | 29,0 | 24,3 | 14,0 | ---- | 22,5 | 17,0 |
| M26X1,5           | MK26x1,5         | 16,0 | 26,0 | 31,0 | 26,3 | 14,0 | ---- | 24,5 | 19,0 |
| M27X2,0           | MK27x2,0         | 16,0 | 27,0 | 32,0 | 27,4 | 17,0 | 40,0 | 25,0 | 19,0 |
| M33X2,0           | MK33x2,0         | 18,0 | 33,0 | 39,0 | 33,4 | 17,0 | 46,0 | 31,0 | 21,0 |
| M42X2,0           | MK42x2,0         | 20,0 | 42,0 | 49,0 | 42,4 | 17,0 | 54,0 | 40,0 | 23,0 |
| M48X2,0           | MK48x2,0         | 22,0 | 48,0 | 55,0 | 48,4 | 17,0 | 60,0 | 46,0 | 25,0 |
| M60X2,0           | -----            | 24,0 | 60,0 | 68,0 | ---- | ---- | ---- | 58,0 | 26,0 |
| M75X2,0           | -----            | 26,0 | 75,0 | 84,0 | ---- | ---- | ---- | 73,0 | 28,0 |
| M88X2,0           | -----            | 28,0 | 88,0 | 98,0 | ---- | ---- | ---- | 86,0 | 30,0 |

## ADAPTADORES - SAE J514



### VEDADORES

Vedações para Roscas **BSP** e **MÉTRICA**:

- 1 - Junta de Vedação de Cobre - DIN 7603 - Ref. JC.....
- 2 - Junta de vedação de Borracha - NBR Buna N - Quadri'ring - ISO 1179 - Ref. BMQR.....
- 3 - Junta de vedação Metal/Borracha - Aço carbono / Buna - Tipo Dowty - Ref. AVS.....

#### ROSCAS BSP

| Rosca<br>BSP | VEDAÇÕES:    |                |                 |
|--------------|--------------|----------------|-----------------|
|              | 1 - JC.....  | 2 - BMQR.....  | 3 - AVS.....    |
| 1/8          | JC 1/8 BSP   | BMQR 1/8 BSP   | AVS 1/8 BSP-V   |
| 1/4          | JC 1/4 BSP   | BMQR 1/4 BSP   | AVS 1/4 BSP-V   |
| 3/8          | JC 3/8 BSP   | BMQR 3/8 BSP   | AVS 3/8 BSP-V   |
| 1/2          | JC 1/2 BSP   | BMQR 1/2 BSP   | AVS 1/2 BSP-V   |
| 3/4          | JC 3/4 BSP   | BMQR 3/4 BSP   | AVS 3/4 BSP-V   |
| 1            | JC 1 BSP     | BMQR 1 BSP     | AVS 1 BSP-V     |
| 1.1/4        | JC 1.1/4 BSP | BMQR 1.1/4 BSP | AVS 1.1/4 BSP-V |
| 1.1/2        | JC 1.1/2 BSP | BMQR 1.1/2 BSP | AVS 1.1/2 BSP-V |
| 2            | JC 2 BSP     | -----          | -----           |

#### ROSCAS MÉTRICA

| Rosca<br>MÉTRICA | VEDAÇÕES:   |             |              |
|------------------|-------------|-------------|--------------|
|                  | 1 - JC..... | 2 - BMQR... | 3 - AVS..... |
| M 8              | JC M8       | BMQR M8     | -----        |
| M 10             | JC M10      | BMQR M10    | AVS M10 -V   |
| M 12             | JC M12      | BMQR M12    | AVS M12-V    |
| M 14             | JC M14      | BMQR M14    | AVS M14-V    |
| M 16             | JC M16      | BMQR M16    | AVS M16-V    |
| M 18             | JC M18      | BMQR M18    | AVS M18-V    |
| M 20             | JC M20      | BMQR M20    | AVS M20-V    |
| M 22             | JC M22      | BMQR M22    | AVS M22-V    |
| M 24             | JC M24      | BMQR M24    | AVS M24-V    |
| M 26             | JC M26      | BMQR M26    | AVS M26-V    |
| M 27             | JC M27      | BMQR M27    | -----        |
| M 30             | JC M30      | BMQR M30    | -----        |
| M 33             | JC M33      | BMQR M33    | -----        |
| M 42             | JC M42      | BMQR M42    | -----        |
| M 48             | JC M48      | BMQR M48    | -----        |

#### IMPORTANTE:

- 1 - Quando solicitar conexões ou adaptadores com roscas Macho **BSP** ou **MÉTRICA** e a vedação for "Quadri'ring" (BMQR.....) está já vai montada na peça.
- 2 - Quando solicitar conexões ou adaptadores com roscas Macho BSP ou MÉTRICA e a vedação for "Junta de cobre" (JC.....) ou "Junta metal /Borracha" (AVS.....) a vedação deve ser solicitada em separado.
- 3 - Itens em Buna podem operar em temperaturas de -35°C à +100°C
- 3 - Consulte para outras combinações de vedações, materiais e temperaturas.

**MILANO SAE J514 JIC ADAP-1019-V1**

## ADAPTADORES - SAE J514

### VEDADORES

Vedações para Roscas **UN / UNF**:

Vedação de Borracha “O’ring” - NBR Buna N - ISO 11926 - Ref. BMJOR.....

#### ROSCAS UN / UNF

| Rosca<br>UN / UNF | VEDAÇÕES:<br>BMJOR..... |
|-------------------|-------------------------|
| 5/16              | BMJOR 2                 |
| 3/8               | BMJOR 3                 |
| 7/16              | BMJOR 4                 |
| 1/2               | BMJOR 5                 |
| 9/16              | BMJOR 6                 |
| 3/4               | BMJOR 8                 |
| 7/8               | BMJOR 10                |
| 1.1/16            | BMJOR 12                |
| 1.3/16            | BMJOR 14                |
| 1.5/16            | BMJOR 16                |
| 1.5/8             | BMJOR 20                |
| 1.7/8             | BMJOR 24                |
| 2.1/2             | BMJOR 32                |

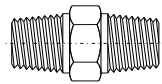
#### IMPORTANTE:

- 1 - Quando solicitar conexões ou adaptadores com roscas Macho UN / UNF a vedação deve ser solicitada em separado.
- 3 - Itens em Buna podem operar em temperaturas de -35°C à +100°C
- 3 - Consulte para outras combinações de vedações, materiais e temperaturas.

# ADAPTADORES - SAE J514



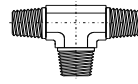
## ADAPTADORES MACHO NPT (Adapters Male/Male)



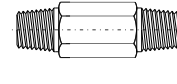
**140137**  
Pág. 8



**140237**  
Pág. 9

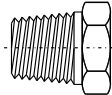


**140437**  
Pág. 9

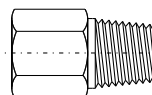


**MM (Longo)**  
Pág. 10

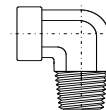
## ADAPTADORES MACHO / FÊMEA NPT (Adapters Male/Female)



**140140**  
Pág. 11

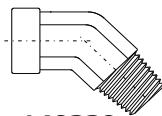


**140139**  
Pág. 12

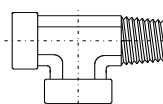


**140239**  
Pág. 13

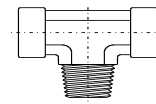
## ADAPTADORES MACHO/FÊMEA NPT (Adapters Male/Female)



**140339**  
Pág. 14

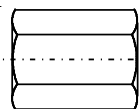


**140424**  
Pág. 14

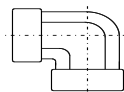


**140425**  
Pág. 14

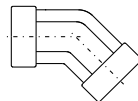
## ADAPTADORES FÊMEA/FÊMEA NPT (Adapters Female/Female)



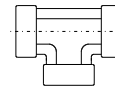
**140138**  
Pág. 15



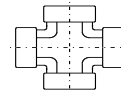
**140238**  
Pág. 16



**140338**  
Pág. 16

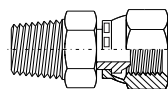


**140438**  
Pág. 16

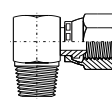


**140538**  
Pág. 16

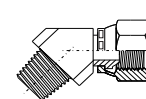
## ADAPTADORES PORCA GIRATÓRIA NPSM/MACHO NPT (Female Swivel NPSM/Male NPT)



**140130**  
Pág. 17

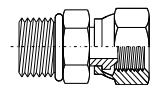


**140230**  
Pág. 18

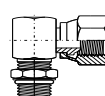


**140330**  
Pág. 19

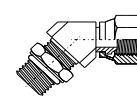
## ADAPTADORES PORCA GIRATÓRIA NPSM / MACHO UNF (Female Swivel NPSM/Male UN/UNF)



**140157**  
Pág. 20

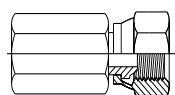


**140257**  
Pág. 21

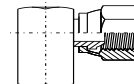


**140357**  
Pág. 22

## ADAPTADORES PORCA GIRATÓRIA NPSM / FÊMEA NPT (Female Swivel NPSM/Female NPT)



**140131**  
Pág. 23

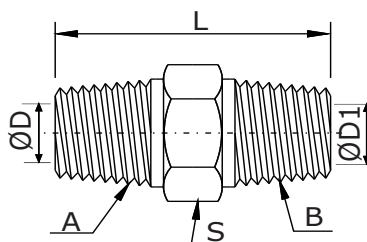


**140231**  
Pág. 24

## ADAPTADORES - SAE J514

### ADAPTADOR MACHO NPT (Male Niple)

140137.....



| Ref.           | Rosca A<br>NPT | Rosca B<br>NPT | L  | ØD | ØD1 | S     |
|----------------|----------------|----------------|----|----|-----|-------|
| 140137-2-2 C   | 1/8            | 1/8            | 27 | 5  | 5   | 7/16  |
| 140137-4-2 C   | 1/4            | 1/8            | 32 | 7  | 5   | 5/8   |
| 140137-4-4 C   | 1/4            | 1/4            | 37 | 7  | 7   | 5/8   |
| 140137-6-2 C   | 3/8            | 1/8            | 37 | 10 | 5   | 3/4   |
| 140137-6-4 C   | 3/8            | 1/4            | 37 | 10 | 7   | 3/4   |
| 140137-6-6 C   | 3/8            | 3/8            | 37 | 10 | 10  | 3/4   |
| 140137-8-2 C   | 1/2            | 1/8            | 39 | 14 | 5   | 7/8   |
| 140137-8-4 C   | 1/2            | 1/4            | 43 | 14 | 7   | 7/8   |
| 140137-8-6 C   | 1/2            | 3/8            | 43 | 14 | 10  | 7/8   |
| 140137-8-8 C   | 1/2            | 1/2            | 48 | 14 | 14  | 7/8   |
| 140137-12-4 C  | 3/4            | 1/4            | 45 | 18 | 7   | 1.1/8 |
| 140137-12-6 C  | 3/4            | 3/8            | 45 | 18 | 10  | 1.1/8 |
| 140137-12-8 C  | 3/4            | 1/2            | 50 | 18 | 14  | 1.1/8 |
| 140137-12-12 C | 3/4            | 3/4            | 50 | 18 | 18  | 1.1/8 |
| 140137-16-4 C  | 1              | 1/4            | 50 | 24 | 7   | 1.3/8 |
| 140137-16-12 C | 1              | 3/4            | 53 | 24 | 18  | 1.3/8 |
| 140137-16-16 C | 1              | 1              | 59 | 24 | 24  | 1.3/8 |
| 140137-20-16 C | 1.1/4          | 1              | 62 | 32 | 24  | 1.3/4 |
| 140137-20-20 C | 1.1/4          | 1.1/4          | 63 | 32 | 32  | 1.3/4 |
| 140137-24-24 C | 1.1/2          | 1.1/2          | 66 | 38 | 38  | 2     |
| 140137-32-32 C | 2              | 2              | 72 | 49 | 49  | 2.1/2 |

Adaptador com ref. em Aço Carbono (C)

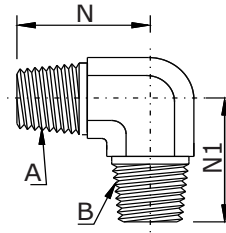
1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140137-8-8 S**  
**Latão (B) = 140137-8-8 B**

2 - Consulte para outras combinações de Rosca NPT.

## ADAPTADORES - SAE J514

### JOELHO MACHO NPT (Male Thread Elbow)

140237.....



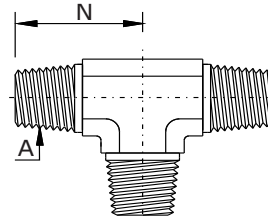
| Ref.           | Rosca A<br>NPT | Rosca B<br>NPT | N  | N 1 |
|----------------|----------------|----------------|----|-----|
| 140237-2-2 C   | 1/8            | 1/8            | 20 | 20  |
| 140237-4-4 C   | 1/4            | 1/4            | 28 | 28  |
| 140237-6-4 C   | 3/8            | 1/4            | 31 | 31  |
| 140237-6-6 C   | 3/8            | 3/8            | 31 | 31  |
| 140237-8-6 C   | 1/2            | 3/8            | 37 | 36  |
| 140237-8-8 C   | 1/2            | 1/2            | 37 | 37  |
| 140237-12-8 C  | 3/4            | 1/2            | 40 | 37  |
| 140237-12-12 C | 3/4            | 3/4            | 40 | 40  |
| 140237-16-16 C | 1              | 1              | 50 | 50  |
| 140237-20-20 C | 1.1/4          | 1.1/4          | 56 | 56  |
| 140237-24-24 C | 1.1/2          | 1.1/2          | 59 | 59  |
| 140237-32-32 C | 2              | 2              | 76 | 76  |

Adaptador com ref. em Aço Carbono (C)

- 1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140237-8-8 S**
- 2 - Consulte para outras combinações de Rosca NPT.

### TE MACHO NPT (Male Thread Tee)

140437.....



| Ref.              | Rosca A<br>NPT (3x) | N  |
|-------------------|---------------------|----|
| 140437-2-2-2 C    | 1/8                 | 20 |
| 140437-4-4-4 C    | 1/4                 | 28 |
| 140437-6-6-6 C    | 3/8                 | 31 |
| 140437-8-8-8 C    | 1/2                 | 31 |
| 140437-12-12-12 C | 3/4                 | 37 |
| 140437-16-16-16 C | 1                   | 50 |
| 140437-20-20-20 C | 1.1/4               | 56 |
| 140437-24-24-24 C | 1.1/2               | 59 |
| 140437-32-32-32 C | 2                   | 76 |

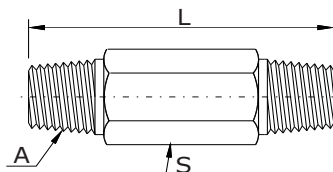
Adaptador com ref. em Aço Carbono (C)

- 1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140437-8-8-8 S**
- 2 - Consulte para outras combinações de Rosca NPT.

## ADAPTADORES - SAE J514

### ADAPTADOR MACHO NPT LONGO (Extendet Male Niple)

MM.....



| Ref.                    | Rosca A<br>NPT | L     | S    |
|-------------------------|----------------|-------|------|
| MMS 1/8X1/8 NPT X 38,1  | 1/8            | 38,1  | 7/16 |
| MMS 1/8X1/8 NPT X 50,8  | 1/8            | 50,8  | 7/16 |
| MMS 1/8X1/8 NPT X 63,5  | 1/8            | 63,5  | 7/16 |
| MMS 1/8X1/8 NPT X 76,2  | 1/8            | 76,2  | 7/16 |
| MMS 1/4X1/4 NPT X 38,1  | 1/4            | 26,9  | 5/8  |
| MMS 1/4X1/4 NPT X 50,8  | 1/4            | 50,8  | 5/8  |
| MMS 1/4X1/4 NPT X 63,5  | 1/4            | 63,5  | 5/8  |
| MMS 1/4X1/4 NPT X 76,2  | 1/4            | 76,2  | 5/8  |
| MMS 1/4X1/4 NPT X 101,6 | 1/4            | 101,6 | 5/8  |
| MMS 1/2X1/2 NPT X 50,8  | 1/2            | 50,8  | 7/8  |
| MMS 1/2X1/2 NPT X 76,2  | 1/2            | 76,2  | 7/8  |

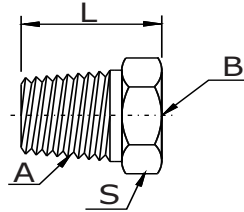
Adaptador com ref. em Aço Carbono (S)

- 1 - Materiais dos Adaptadores: **Aço Inoxidável (SS) = MMSS 1/4X1/4 NPT X 50,8**  
**Latão (B) = MMB 1/4X1/4 NPT X 50,8**
- 2 - Consulte para outras combinações de Rosca NPT e comprimentos (L).

# ADAPTADORES - SAE J514

## ADAPTADOR MACHO/FÊMEA NPT (Thread Reducer)

140140.....



Lado "A" (Macho) for maior que "B" (Fêmea).

| Ref.           | Rosca A<br>NPT | Rosca B<br>NPT | L  | S     |
|----------------|----------------|----------------|----|-------|
| 140140-4-2 C   | 1/4            | 1/8            | 22 | 5/8   |
| 140140-6-2 C   | 3/8            | 1/8            | 22 | 3/4   |
| 140140-6-4 C   | 3/8            | 1/4            | 22 | 3/4   |
| 140140-8-2 C   | 1/2            | 1/8            | 28 | 7/8   |
| 140140-8-4 C   | 1/2            | 1/4            | 28 | 7/8   |
| 140140-8-6 C   | 1/2            | 3/8            | 28 | 7/8   |
| 140140-12-4 C  | 3/4            | 1/4            | 30 | 1.1/8 |
| 140140-12-6 C  | 3/4            | 3/8            | 30 | 1.1/8 |
| 140140-12-8 C  | 3/4            | 1/2            | 30 | 1.1/8 |
| 140140-16-6 C  | 1              | 3/8            | 35 | 1.3/8 |
| 140140-16-8 C  | 1              | 1/2            | 35 | 1.3/8 |
| 140140-16-12 C | 1              | 3/4            | 35 | 1.3/8 |
| 140140-20-8 C  | 1.1/4          | 1/2            | 37 | 1.3/4 |
| 140140-20-12 C | 1.1/4          | 3/4            | 37 | 1.3/4 |
| 140140-20-16 C | 1.1/4          | 1              | 37 | 1.3/4 |
| 140140-24-12 C | 1.1/2          | 3/4            | 40 | 2     |
| 140140-24-16 C | 1.1/2          | 1              | 40 | 2     |
| 140140-24-20 C | 1.1/2          | 1.1/4          | 40 | 2     |
| 140140-32-8 C  | 2              | 1/2            | 45 | 2.1/2 |
| 140140-32-20 C | 2              | 1.1/4          | 45 | 2.1/2 |
| 140140-32-24 C | 2              | 1.1/2          | 45 | 2.1/2 |

Adaptador com ref. em Aço Carbono (C)

1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140140-8-4 S**  
**Latão (B) = 140140-8-4 B**

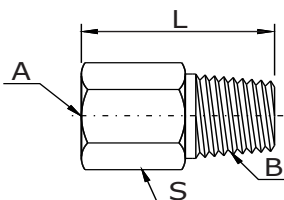
2 - Consulte para outras combinações de Rosca NPT.

**OBS:** Quando "B" (Fêmea) for igual ou maior que "A" (Macho),  
usar código da peça **140139 (Pág. 12)**

## ADAPTADORES - SAE J514

### ADAPTADOR FÊMEA / MACHO NPT (Thread expander / Adapter)

140139.....



Lado "A" (Fêmea) for igual ou maior que "B" (Macho).

| Ref.           | Rosca A<br>NPT | Rosca B<br>NPT | L  | S     |
|----------------|----------------|----------------|----|-------|
| 140139-2-2 C   | 1/8            | 1/8            | 26 | 5/8   |
| 140139-4-2 C   | 1/4            | 1/8            | 31 | 3/4   |
| 140139-4-4 C   | 1/4            | 1/4            | 35 | 3/4   |
| 140139-6-2 C   | 3/8            | 1/8            | 32 | 7/8   |
| 140139-6-4 C   | 3/8            | 1/4            | 37 | 7/8   |
| 140139-6-6 C   | 3/8            | 3/8            | 37 | 7/8   |
| 140139-8-2 C   | 1/2            | 1/8            | 38 | 1.1/8 |
| 140139-8-4 C   | 1/2            | 1/4            | 43 | 1.1/8 |
| 140139-8-6 C   | 1/2            | 3/8            | 43 | 1.1/8 |
| 140139-8-8 C   | 1/2            | 1/2            | 43 | 1.1/8 |
| 140139-12-4 C  | 3/4            | 1/4            | 45 | 1.3/8 |
| 140139-12-8 C  | 3/4            | 1/2            | 49 | 1.3/8 |
| 140139-12-12 C | 3/4            | 3/4            | 49 | 1.3/8 |
| 140139-16-8 C  | 1              | 1/2            | 56 | 1.5/8 |
| 140139-16-12 C | 1              | 3/4            | 56 | 1.5/8 |
| 140139-16-16 C | 1              | 1              | 60 | 1.5/8 |
| 140139-20-16 C | 1.1/4          | 1              | 63 | 2     |
| 140139-20-20 C | 1.1/4          | 1.1/4          | 63 | 2     |
| 140139-24-24 C | 1.1/2          | 1.1/2          | 64 | 2.3/8 |

Adaptador com ref. em Aço Carbono (C)

1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140139-8-4 S**  
**Latão (B) = 140139-8-4 B**

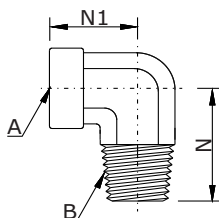
2 - Consulte para outras combinações de Rosca NPT.

**OBS:** Quando "A" (Fêmea) for menor que "B" (Macho),  
usar código da peça **140140 (Pág. 11)**

## ADAPTADORES - SAE J514

### ADAPTADOR MACHO/FÊMEA NPT (Thread expander / Adapter)

140239.....



| Ref.           | Rosca A<br>NPT | Rosca B<br>NPT | N  | N 1 |
|----------------|----------------|----------------|----|-----|
| 140239-2-2 C   | 1/8            | 1/8            | 20 | 17  |
| 140239-2-4 C   | 1/8            | 1/4            | 28 | 17  |
| 140239-4-4 C   | 1/4            | 1/4            | 28 | 22  |
| 140239-4-6 C   | 1/4            | 3/8            | 31 | 22  |
| 140239-6-6 C   | 3/8            | 3/8            | 31 | 26  |
| 140239-6-8 C   | 3/8            | 1/2            | 33 | 31  |
| 140239-8-6 C   | 1/2            | 3/8            | 38 | 32  |
| 140239-8-8 C   | 1/2            | 1/2            | 37 | 31  |
| 140239-8-12 C  | 1/2            | 3/4            | 40 | 35  |
| 140239-12-8 C  | 3/4            | 1/2            | 40 | 31  |
| 140239-12-12 C | 3/4            | 3/4            | 40 | 35  |
| 140239-16-16 C | 1              | 1              | 50 | 41  |
| 140239-20-20 C | 1.1/4          | 1.1/4          | 61 | 43  |
| 140239-24-24 C | 1.1/2          | 1.1/2          | 67 | 53  |
| 140239-32-32 C | 2              | 2              | 76 | 61  |

Adaptador com ref. em Aço Carbono (C)

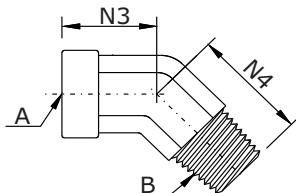
1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140239-8-8 S**

2 - Consulte para outras combinações de Rosca NPT.

## ADAPTADORES - SAE J514

### CURVA FÊMEA / MACHO NPT (Male Female Thread 45° Elbow)

140339.....

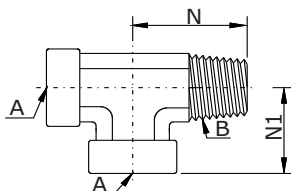


| Ref.           | Rosca A<br>NPT | Rosca B<br>NPT | N 3 | N 4 |
|----------------|----------------|----------------|-----|-----|
| 140339-2-2 C   | 1/8            | 1/8            | 12  | 18  |
| 140339-4-4 C   | 1/4            | 1/4            | 16  | 26  |
| 140339-6-6 C   | 3/8            | 3/8            | 18  | 26  |
| 140339-8-8 C   | 1/2            | 1/2            | 23  | 34  |
| 140339-12-12 C | 3/4            | 3/4            | 25  | 35  |
| 140339-16-16 C | 1              | 1              | 29  | 44  |
| 140339-20-20 C | 1.1/4          | 1.1/4          | 41  | 46  |
| 140339-24-24 C | 1.1/2          | 1.1/2          | 43  | 52  |
| 140339-32-32 C | 2              | 2              | 56  | 55  |

Adaptador com ref. em Aço Carbono (C)

### TE FÊMEA / MACHO NPT (Male Female Thread Tee)

140424.....

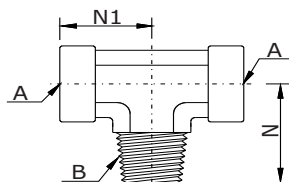


| Ref.              | Rosca A<br>NPT | Rosca B<br>NPT | N  | N 1 |
|-------------------|----------------|----------------|----|-----|
| 140424-2-2-2 C    | 1/8            | 1/8            | 20 | 17  |
| 140424-4-4-4 C    | 1/4            | 1/4            | 28 | 22  |
| 140424-6-6-6 C    | 3/8            | 3/8            | 31 | 26  |
| 140424-8-8-8 C    | 1/2            | 1/2            | 37 | 31  |
| 140424-12-12-12 C | 3/4            | 3/4            | 40 | 35  |
| 140424-16-16-16 C | 1              | 1              | 50 | 41  |
| 140424-20-20-20 C | 1.1/4          | 1.1/4          | 60 | 43  |
| 140424-24-24-24 C | 1.1/2          | 1.1/2          | 67 | 53  |
| 140424-32-32-32 C | 2              | 2              | 76 | 61  |

Adaptador com ref. em Aço Carbono (C)

### TE FÊMEA / MACHO NPT (Male Female Thread Tee)

140425.....



| Ref.              | Rosca A<br>NPT | Rosca B<br>NPT | N  | N 1 |
|-------------------|----------------|----------------|----|-----|
| 140425-2-2-2 C    | 1/8            | 1/8            | 20 | 17  |
| 140425-4-4-4 C    | 1/4            | 1/4            | 28 | 22  |
| 140425-6-6-6 C    | 3/8            | 3/8            | 31 | 26  |
| 140425-8-8-8 C    | 1/2            | 1/2            | 37 | 31  |
| 140425-12-12-12 C | 3/4            | 3/4            | 40 | 35  |
| 140425-16-16-16 C | 1              | 1              | 50 | 41  |
| 140425-20-20-20 C | 1.1/4          | 1.1/4          | 60 | 43  |
| 140425-24-24-24 C | 1.1/2          | 1.1/2          | 67 | 53  |
| 140425-32-32-32 C | 2              | 2              | 76 | 61  |

Adaptador com ref. em Aço Carbono (C)

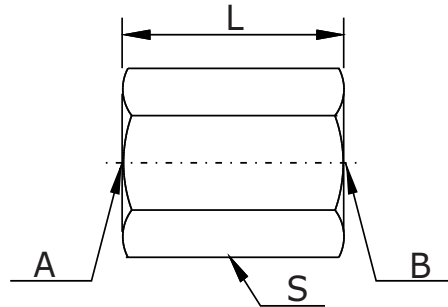
1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140339-8-8 S**  
**140424-8-8-8 S**  
**140425-8-8-8 S**

2 - Consulte para outras combinações de Rosca NPT.

# ADAPTADORES - SAE J514

## ADAPTADOR FÊMEA NPT (Female Thread Coupling)

140138.....



| Ref.           | Rosca A<br>NPT | Rosca B<br>NPT | W  | W1 | L  | S     |
|----------------|----------------|----------------|----|----|----|-------|
| 140138-2-2 C   | 1/8            | 1/8            | 16 | 16 | 19 | 5/8   |
| 140138-4-2 C   | 1/4            | 1/8            | 19 | 16 | 24 | 3/4   |
| 140138-4-4 C   | 1/4            | 1/4            | 19 | 19 | 29 | 3/4   |
| 140138-6-2 C   | 3/8            | 1/8            | 22 | 16 | 26 | 7/8   |
| 140138-6-4 C   | 3/8            | 1/4            | 22 | 19 | 29 | 7/8   |
| 140138-6-6 C   | 3/8            | 3/8            | 22 | 22 | 29 | 7/8   |
| 140138-8-4 C   | 1/2            | 1/4            | 29 | 19 | 35 | 1.1/8 |
| 140138-8-6 C   | 1/2            | 3/8            | 29 | 22 | 38 | 1.1/8 |
| 140138-8-8 C   | 1/2            | 1/2            | 29 | 29 | 38 | 1.1/4 |
| 140138-12-4 C  | 3/4            | 1/4            | 35 | 19 | 39 | 1.3/8 |
| 140138-12-8 C  | 3/4            | 1/2            | 35 | 29 | 48 | 1.3/8 |
| 140138-12-12 C | 3/4            | 3/4            | 35 | 35 | 39 | 1.1/2 |
| 140138-16-8 C  | 1              | 1/2            | 41 | 29 | 45 | 1.5/8 |
| 140138-16-12 C | 1              | 3/4            | 41 | 35 | 45 | 1.5/8 |
| 140138-16-16 C | 1              | 1              | 41 | 41 | 48 | 1.5/8 |
| 140138-20-16 C | 1.1/4          | 1              | 51 | 41 | 49 | 2     |
| 140138-20-20 C | 1.1/4          | 1.1/4          | 51 | 51 | 49 | 2     |
| 140138-24-20 C | 1.1/2          | 1.1/4          | 61 | 51 | 49 | 2.3/8 |
| 140138-24-24 C | 1.1/2          | 1.1/2          | 61 | 61 | 49 | 2.3/8 |
| 140138-32-32 C | 2              | 2              | 73 | 73 | 50 | 2.7/8 |

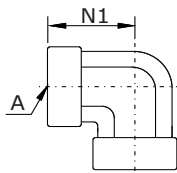
Adaptador com ref. em Aço Carbono (C)

- 1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140138-8-8 S**  
**Latão (B) = 140138-8-8 B**
- 2 - Consulte para outras combinações de Rosca NPT.

## ADAPTADORES - SAE J514

### JOELHO FÊMEA NPT (Female Thread Elbow)

140238.....

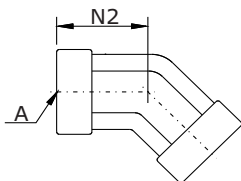


| Ref.           | Rosca A<br>NPT (2x) | N1 |
|----------------|---------------------|----|
| 140238-2-2 C   | 1/8                 | 17 |
| 140238-4-4 C   | 1/4                 | 22 |
| 140238-6-6 C   | 3/8                 | 26 |
| 140238-8-8 C   | 1/2                 | 31 |
| 140238-12-12 C | 3/4                 | 35 |
| 140238-16-16 C | 1                   | 41 |
| 140238-20-20 C | 1.1/4               | 43 |
| 140238-24-24 C | 1.1/2               | 53 |
| 140238-32-32 C | 2                   | 61 |

Adaptador com ref. em Aço Carbono (C)

### CURVA FÊMEA NPT (Female Thread 45° Elbow)

140338.....

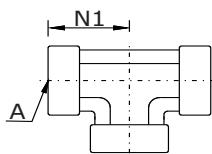


| Ref.           | Rosca A<br>NPT (2x) | N 2 |
|----------------|---------------------|-----|
| 140338-2-2 C   | 1/8                 | 13  |
| 140338-4-4 C   | 1/4                 | 18  |
| 140338-6-6 C   | 3/8                 | 19  |
| 140338-8-8 C   | 1/2                 | 24  |
| 140338-12-12 C | 3/4                 | 25  |
| 140338-16-16 C | 1                   | 30  |
| 140338-20-20 C | 1.1/4               | 37  |
| 140338-24-24 C | 1.1/2               | 37  |
| 140338-32-32 C | 2                   | 40  |

Adaptador com ref. em Aço Carbono (C)

### TE FÊMEA NPT (Female Thread Tee)

140438.....

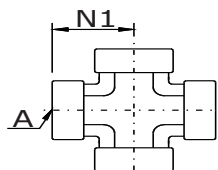


| Ref.              | Rosca A<br>NPT (3x) | N1 |
|-------------------|---------------------|----|
| 140438-2-2-2 C    | 1/8                 | 17 |
| 140438-4-4-4 C    | 1/4                 | 22 |
| 140438-6-6-6 C    | 3/8                 | 26 |
| 140438-8-8-8 C    | 1/2                 | 31 |
| 140438-12-12-12 C | 3/4                 | 35 |
| 140438-16-16-16 C | 1                   | 41 |
| 140438-20-20-20 C | 1.1/4               | 43 |
| 140438-24-24-24 C | 1.1/2               | 53 |
| 140438-32-32-32 C | 2                   | 61 |

Adaptador com ref. em Aço Carbono (C)

### CRUZETA FÊMEA NPT (Female Thread Cross)

140538.....



| Ref.                 | Rosca A<br>NPT (4x) | N1 |
|----------------------|---------------------|----|
| 140538-2-2-2-2 C     | 1/8                 | 17 |
| 140538-4-4-4-4 C     | 1/4                 | 22 |
| 140538-6-6-6-6 C     | 3/8                 | 26 |
| 140538-8-8-8-8 C     | 1/2                 | 31 |
| 140538-12-12-12-12 C | 3/4                 | 35 |
| 140538-16-16-16-16 C | 1                   | 41 |
| 140538-20-20-20-20 C | 1.1/4               | 43 |
| 140538-24-24-24-24 C | 1.1/2               | 53 |
| 140538-32-32-32-32 C | 2                   | 61 |

Adaptador com ref. em Aço Carbono (C)

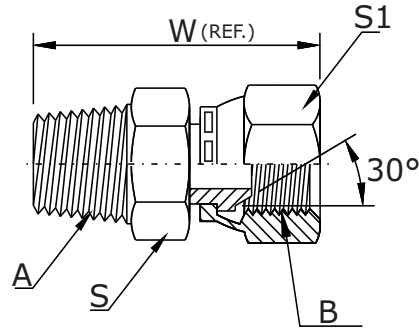
- 1 - Materiais dos Adaptadores: **Aço Inoxidável (S) =** 140238-8-8 S  
140338-8-8 S  
140438-8-8-8 C  
140538-8-8-8-8 C
- 2 - Consulte para outras combinações de Rosca NPT.

# ADAPTADORES - SAE J514



## UNIÃO PORCA GIRATÓRIA NPSM / MACHO NPT (Swivel Male Stud)

140130.....



| Ref.           | Rosca A<br>NPT | Rosca B<br>NPSM | W<br>(Ref.) | S     | S1    |
|----------------|----------------|-----------------|-------------|-------|-------|
| 140130-2-2 C   | 1/8            | 1/8             | 28          | 9/16  | 9/16  |
| 140130-2-4 C   | 1/8            | 1/4             | 32          | 5/8   | 3/4   |
| 140130-4-4 C   | 1/4            | 1/4             | 36          | 3/4   | 3/4   |
| 140130-4-6 C   | 1/4            | 3/8             | 37          | 7/8   | 7/8   |
| 140130-4-8 C   | 1/4            | 1/2             | 44          | 15/16 | 1     |
| 140130-6-4 C   | 3/8            | 1/4             | 38          | 3/4   | 3/4   |
| 140130-6-6 C   | 3/8            | 3/8             | 38          | 7/8   | 7/8   |
| 140130-6-8 C   | 3/8            | 1/2             | 44          | 15/16 | 1     |
| 140130-8-6 C   | 1/2            | 3/8             | 43          | 7/8   | 7/8   |
| 140130-8-8 C   | 1/2            | 1/2             | 49          | 1     | 1     |
| 140130-8-12 C  | 1/2            | 3/4             | 52          | 1.1/4 | 1.1/4 |
| 140130-12-8 C  | 3/4            | 1/2             | 49          | 1.1/8 | 1     |
| 140130-12-12 C | 3/4            | 3/4             | 52          | 1.1/4 | 1.1/4 |
| 140130-12-16 C | 3/4            | 1               | 55          | 1.1/2 | 1.1/2 |
| 140130-16-12 C | 1              | 3/4             | 58          | 1.3/8 | 1.1/2 |
| 140130-16-16 C | 1              | 1               | 60          | 1.1/2 | 1.1/2 |
| 140130-16-20 C | 1              | 1.1/4           | 61          | 1.3/4 | 1.7/8 |
| 140130-20-16 C | 1.1/4          | 1               | 63          | 1.7/8 | 1.1/2 |
| 140130-20-20 C | 1.1/4          | 1.1/4           | 63          | 1.7/8 | 1.7/8 |
| 140130-24-24 C | 1.1/2          | 1.1/2           | 66          | 2.1/8 | 2.1/8 |
| 140130-32-32 C | 2              | 2               | 71          | 2.5/8 | 2.5/8 |

Adaptador com ref. em Aço Carbono (C)

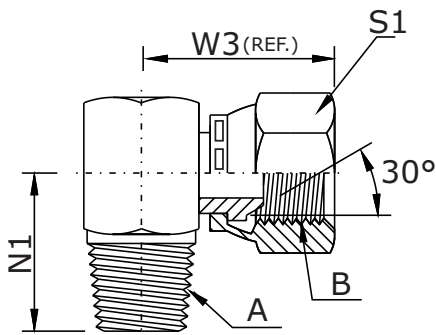
1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140130-8-8 S**

2 - Consulte para outras combinações de Rosca NPT / NPSM.

## ADAPTADORES - SAE J514

**JOELHO PORCA GIRATÓRIA  
NPSM / MACHO NPT  
(Swivel Male Elbow)**

**140230.....**



| Ref.                  | Rosca A<br>NPT | Rosca B<br>NPSM | W3<br>(Ref.) | N 1 | S1    |
|-----------------------|----------------|-----------------|--------------|-----|-------|
| <b>140230-2-2 C</b>   | 1/8            | 1/8             | 22           | 18  | 9/16  |
| <b>140230-4-4 C</b>   | 1/4            | 1/4             | 27           | 28  | 3/4   |
| <b>140230-4-6 C</b>   | 1/4            | 3/8             | 33           | 28  | 7/8   |
| <b>140230-6-4 C</b>   | 3/8            | 1/4             | 30           | 31  | 3/4   |
| <b>140230-6-6 C</b>   | 3/8            | 3/8             | 33           | 31  | 7/8   |
| <b>140230-6-8 C</b>   | 3/8            | 1/2             | 34           | 31  | 1     |
| <b>140230-8-6 C</b>   | 1/2            | 3/8             | 34           | 37  | 7/8   |
| <b>140230-8-8 C</b>   | 1/2            | 1/2             | 36           | 37  | 1     |
| <b>140230-8-12 C</b>  | 1/2            | 3/4             | 42           | 37  | 1.1/4 |
| <b>140230-12-6 C</b>  | 3/4            | 3/8             | 38           | 40  | 7/8   |
| <b>140230-12-8 C</b>  | 3/4            | 1/2             | 39           | 40  | 1     |
| <b>140230-12-12 C</b> | 3/4            | 3/4             | 42           | 40  | 1.1/4 |
| <b>140230-16-12 C</b> | 1              | 3/4             | 46           | 50  | 1.1/4 |
| <b>140230-16-16 C</b> | 1              | 1               | 49           | 50  | 1.1/2 |
| <b>140230-20-20 C</b> | 1.1/4          | 1.1/4           | 54           | 61  | 1.7/8 |
| <b>140230-24-24 C</b> | 1.1/2          | 1.1/2           | 59           | 67  | 2.1/8 |
| <b>140230-32-32 C</b> | 2              | 2               | 69           | 76  | 2.5/8 |

Adaptador com ref. em Aço Carbono (C)

1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140230-8-8 S**

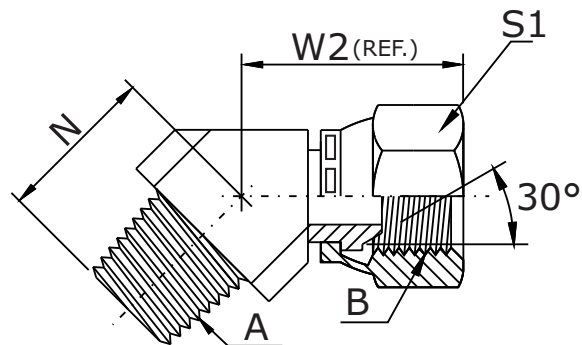
2 - Consulte para outras combinações de Rosca NPT / NPSM.

# ADAPTADORES - SAE J514



**CURVA PORCA GIRATÓRIA  
NPSM / MACHO NPT  
(Swivel Male 45° Elbow)**

**140330.....**



| Ref.                  | Rosca A<br>NPT | Rosca B<br>NPSM | W2<br>(Ref.) | N  | S1    |
|-----------------------|----------------|-----------------|--------------|----|-------|
| <b>140330-2-2 C</b>   | 1/8            | 1/8             | 20           | 13 | 9/16  |
| <b>140330-4-4 C</b>   | 1/4            | 1/4             | 23           | 22 | 3/4   |
| <b>140330-6-6 C</b>   | 3/8            | 3/8             | 28           | 24 | 7/8   |
| <b>140330-8-6 C</b>   | 1/2            | 3/8             | 28           | 30 | 7/8   |
| <b>140330-8-8 C</b>   | 1/2            | 1/2             | 30           | 30 | 1     |
| <b>140330-8-12 C</b>  | 1/2            | 3/4             | 31           | 31 | 1.1/4 |
| <b>140330-12-8 C</b>  | 3/4            | 1/2             | 31           | 31 | 1     |
| <b>140330-12-12 C</b> | 3/4            | 3/4             | 35           | 31 | 1.1/4 |
| <b>140330-16-12 C</b> | 1              | 3/4             | 37           | 38 | 1.1/4 |
| <b>140330-16-16 C</b> | 1              | 1               | 39           | 38 | 1.1/2 |
| <b>140330-20-20 C</b> | 1.1/4          | 1.1/4           | 41           | 42 | 1.7/8 |
| <b>140330-24-24 C</b> | 1.1/2          | 1.1/2           | 45           | 45 | 2.1/8 |
| <b>140330-32-32 C</b> | 2              | 2               | 48           | 54 | 2.5/8 |

Adaptador com ref. em Aço Carbono (C)

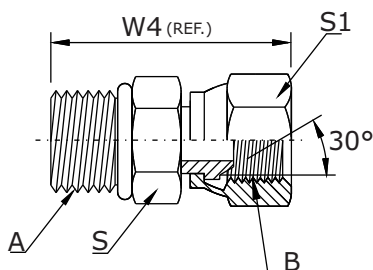
1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140330-8-8 S**

2 - Consulte para outras combinações de Rosca NPT / NPSM.

## ADAPTADORES - SAE J514

### UNIÃO PORCA GIRATÓRIA NPSM / MACHO UNF (Swivel Male Stud)

140157.....



| Ref.           | Rosca A<br>UN/UNF | Rosca B<br>NPSM | W4<br>(Ref.) | S     | S1    |
|----------------|-------------------|-----------------|--------------|-------|-------|
| 140157-4-4 C   | 7/16-20           | 1/4             | 34           | 9/16  | 3/4   |
| 140157-6-4 C   | 9/16-18           | 1/4             | 34           | 3/4   | 3/4   |
| 140157-6-6 C   | 9/16-18           | 3/8             | 35           | 3/4   | 7/8   |
| 140157-6-8 C   | 9/16-18           | 1/2             | 40           | 3/4   | 1     |
| 140157-8-4 C   | 3/4-16            | 1/4             | 36           | 7/8   | 3/4   |
| 140157-8-6 C   | 3/4-16            | 3/8             | 37           | 7/8   | 7/8   |
| 140157-8-8 C   | 3/4-16            | 1/2             | 40           | 7/8   | 1     |
| 140157-8-12 C  | 3/4-16            | 3/4             | 46           | 1     | 1.1/4 |
| 140157-10-8 C  | 7/8-14            | 1/2             | 44           | 1     | 1     |
| 140157-12-8 C  | 1.1/16-12         | 1/2             | 48           | 1.1/4 | 1     |
| 140157-12-12 C | 1.1/16-12         | 3/4             | 50           | 1.1/4 | 1.1/4 |
| 140157-16-16 C | 1.5/16-12         | 1               | 54           | 1.1/2 | 1.1/2 |
| 140157-20-20 C | 1.5/8-12          | 1.1/4           | 56           | 1.7/8 | 1.7/8 |
| 140157-24-24 C | 1.7/8-12          | 1.1/2           | 61           | 2.1/8 | 2.1/8 |
| 140157-32-32 C | 2.1/2-12          | 2               | 63           | 2.3/4 | 2.5/8 |

Adaptador com ref. em Aço Carbono (C)

1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140157-8-8 S**

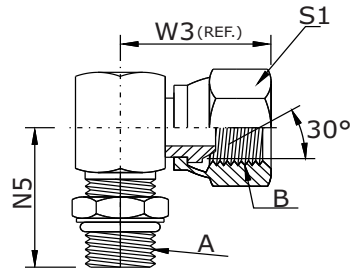
2 - Consulte para outras combinações de Rosca UN/UNF / NPSM.

# ADAPTADORES - SAE J514



## JOELHO PORCA GIRATÓRIA NPSM / MACHO UN/UNF (Swivel Male Elbow)

140257.....



| Ref.           | Rosca A<br>UN/UNF | Rosca B<br>NPSM | W3<br>(Ref.) | N 5 | S1    |
|----------------|-------------------|-----------------|--------------|-----|-------|
| 140257-4-4 C   | 7/16-20           | 1/4             | 25           | 26  | 3/4   |
| 140257-6-4 C   | 9/16-18           | 1/4             | 27           | 32  | 3/4   |
| 140257-6-6 C   | 9/16-18           | 3/8             | 28           | 32  | 7/8   |
| 140257-6-8 C   | 9/16-18           | 1/2             | 34           | 35  | 1     |
| 140257-8-6 C   | 3/4-16            | 3/8             | 30           | 37  | 7/8   |
| 140257-8-8 C   | 3/4-16            | 1/2             | 34           | 37  | 1     |
| 140257-8-12 C  | 3/4-16            | 3/4             | 42           | 41  | 1.1/4 |
| 140257-10-6 C  | 7/8-14            | 3/8             | 32           | 43  | 7/8   |
| 140257-10-8 C  | 7/8-14            | 1/2             | 36           | 43  | 1     |
| 140257-10-12 C | 7/8-14            | 3/4             | 42           | 45  | 1.1/4 |
| 140257-12-8 C  | 1.1/16-12         | 1/2             | 38           | 49  | 1     |
| 140257-12-12 C | 1.1/16-12         | 3/4             | 42           | 49  | 1.1/4 |
| 140257-16-16 C | 1.5/16-12         | 1               | 49           | 52  | 1.1/2 |
| 140257-20-20 C | 1.5/8-12          | 1.1/4           | 55           | 57  | 1.7/8 |
| 140257-24-24 C | 1.7/8-12          | 1.1/2           | 59           | 61  | 2.1/8 |

Adaptador com ref. em Aço Carbono (C)

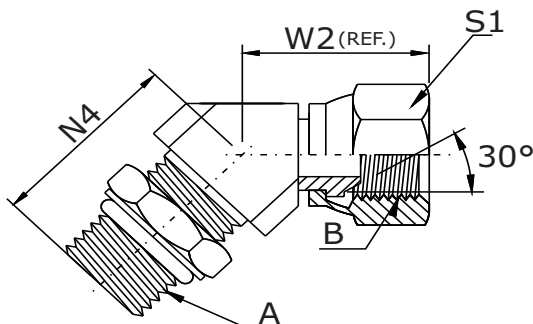
1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140257-8-8 S**

2 - Consulte para outras combinações de Rosca UN/UNF / NPSM.

## ADAPTADORES - SAE J514

**CURVA PORCA GIRATÓRIA**  
**NPSM / MACHO UN/UNF**  
**(Swivel Male 45° Elbow)**

**140357.....**



| Ref.                  | Rosca A<br>UN/UNF | Rosca B<br>NPSM | W2<br>(Ref.) | N4 | S1    |
|-----------------------|-------------------|-----------------|--------------|----|-------|
| <b>140357-4-4 C</b>   | 7/16-20           | 1/4             | 20           | 27 | 3/4   |
| <b>140357-6-6 C</b>   | 9/16-18           | 3/8             | 26           | 29 | 7/8   |
| <b>140330-8-6 C</b>   | 3/4-16            | 3/8             | 26           | 33 | 7/8   |
| <b>140357-8-8 C</b>   | 3/4-16            | 1/2             | 30           | 33 | 1     |
| <b>140357-8-12 C</b>  | 3/4-16            | 3/4             | 35           | 36 | 1.1/4 |
| <b>140357-10-8 C</b>  | 7/8-14            | 1/2             | 30           | 39 | 1     |
| <b>140357-12-12 C</b> | 1.1/16-12         | 3/4             | 35           | 44 | 1.1/4 |
| <b>140357-16-16 C</b> | 1.5/16-12         | 1               | 39           | 47 | 1.1/2 |

Adaptador com ref. em Aço Carbono (C)

1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140357-8-8 S**

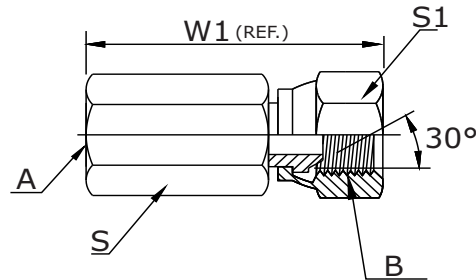
2 - Consulte para outras combinações de Rosca UN/UNF / NPSM.

# ADAPTADORES - SAE J514



## UNIÃO PORCA GIRATÓRIA NPSM / FEMEA NPT (Swivel Male Stud)

140131.....



| Ref.           | Rosca A<br>NPT | Rosca B<br>NPSM | W1<br>(Ref.) | S     | S1    |
|----------------|----------------|-----------------|--------------|-------|-------|
| 140131-2-2 C   | 1/8            | 1/8             | 26           | 9/16  | 9/16  |
| 140131-4-4 C   | 1/4            | 1/4             | 36           | 3/4   | 3/4   |
| 140131-6-4 C   | 3/8            | 1/4             | 38           | 7/8   | 3/4   |
| 140131-6-6 C   | 3/8            | 3/8             | 38           | 7/8   | 7/8   |
| 140131-8-6 C   | 1/2            | 3/8             | 42           | 1     | 7/8   |
| 140131-8-8 C   | 1/2            | 1/2             | 46           | 1     | 1     |
| 140131-12-12 C | 3/4            | 3/4             | 50           | 1.1/4 | 1.1/4 |
| 140131-16-16 C | 1              | 1               | 60           | 1.1/2 | 1.1/2 |
| 140131-20-20 C | 1.1/4          | 1.1/4           | 61           | 1.7/8 | 1.7/8 |
| 140131-24-24 C | 1.1/2          | 1.1/2           | 62           | 2.1/8 | 2.1/8 |
| 140131-32-32 C | 2              | 2               | 65           | 2.5/8 | 2.5/8 |

Adaptador com ref. em Aço Carbono (C)

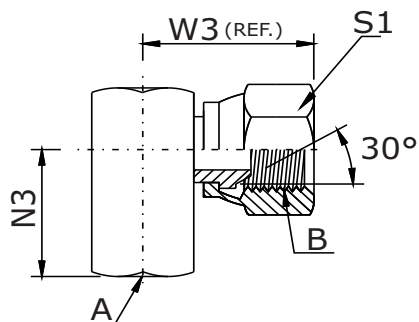
1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140131-8-8 S**

2 - Consulte para outras combinações de Rosca Fêmea NPT / NPSM.

## ADAPTADORES - SAE J514

### JOELHO PORCA GIRATÓRIA NPSM / FÊMEA NPT (Swivel Elbow)

140231.....



| Ref.           | Rosca A<br>NPT | Rosca B<br>NPSM | W3<br>(Ref.) | N3 | S1    |
|----------------|----------------|-----------------|--------------|----|-------|
| 140231-2-2 C   | 1/8            | 1/8             | 24           | 17 | 9/16  |
| 140231-4-4 C   | 1/4            | 1/4             | 30           | 22 | 3/4   |
| 140231-6-6 C   | 3/8            | 3/8             | 32           | 26 | 7/8   |
| 140231-8-8 C   | 1/2            | 1/2             | 39           | 31 | 1     |
| 140231-12-12 C | 3/4            | 3/4             | 46           | 35 | 1.1/4 |
| 140231-16-16 C | 1              | 1               | 53           | 41 | 1.1/2 |
| 140231-20-20 C | 1.1/4          | 1.1/4           | 56           | 43 | 1.7/8 |
| 140231-24-24 C | 1.1/2          | 1.1/2           | 72           | 53 | 2.1/8 |
| 140231-32-32 C | 2              | 2               | 76           | 61 | 2.5/8 |

Adaptador com ref. em Aço Carbono (C)

1 - Materiais dos Adaptadores: **Aço Inoxidável (S) = 140231-8-8 S**

2 - Consulte para outras combinações de Rosca NPT / NPSM.

## **SEGURANÇA PESSOAL**

“Evite acidentes, siga as recomendações de segurança de sua empresa”  
Respeite a vida, Trabalhe com segurança.

Use sempre **EQUIPAMENTO DE PROTEÇÃO INDIVIDUAL**.

O manuseio deve ser realizado por pessoas capacitadas e treinadas sempre que trabalhar com circuitos hidráulicos em Baixas, médias ou altas pressões.

- Não reapertar ou desconectar conexões (tubos), acessórios ou mangueiras com o circuito pressurizado;
- Sempre verificar para que o circuito hidráulico esteja drenado (Sem pressão), para efetuar manutenção ou substituição de equipamentos;
- Verificar os indicadores de pressão e sua confiabilidade;
- Isolar (demarcar) e sinalizar o local de trabalho sempre que estiver realizando manutenção no sistema hidráulico;

### **Verificar sempre:**

- As conexões, mangueiras e demais itens do circuito são compatíveis para a aplicação?
- O Material utilizado é adequado?
- A temperatura e a pressão estão compatíveis para a aplicação?

### **Importante:**

- Evite transportar qualquer tipo de equipamento pressurizado;
- Sempre que possível efetuar testes hidrostáticos antes de colocar o equipamento em operação.

**Consulte nosso** Departamento Técnico

### **Responsabilidade:**

Seleção imprópria, falha ou uso inadequado dos produtos fornecidos pela Milano podem causar morte, danos pessoais ou danos materiais. Por motivo de grandes variedades das condições de aplicações e operações para os produtos, o usuário através de sua análise, testes e experiência, é o único responsável para fazer a seleção final dos produtos, assegurando o desempenho e segurança das aplicações.

Para mais informações, consulte nosso Dpto Técnico / Vendas